

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083010.D
 Acq On : 23 Jul 2024 12:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 24 02:27:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	85848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	138413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	132251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	51689	42.952	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.900%		
35) Dibromofluoromethane	8.171	113	40913	46.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.120%		
50) Toluene-d8	10.570	98	151302	46.123	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.240%		
62) 4-Bromofluorobenzene	12.853	95	51075	43.344	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	86.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	50791	45.698	ug/l	93
3) Chloromethane	2.359	50	41997	39.844	ug/l	97
4) Vinyl Chloride	2.512	62	52087	47.053	ug/l	98
5) Bromomethane	2.947	94	35608	44.613	ug/l	98
6) Chloroethane	3.112	64	41904	55.316	ug/l	99
7) Trichlorofluoromethane	3.489	101	79850	50.152	ug/l	92
8) Diethyl Ether	3.959	74	26098	47.895	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	48123	53.403	ug/l	99
10) Methyl Iodide	4.589	142	42673	46.189	ug/l	98
11) Tert butyl alcohol	5.524	59	43153	213.199	ug/l	99
12) 1,1-Dichloroethene	4.336	96	40612	46.341	ug/l	88
13) Acrolein	4.183	56	6516	44.590	ug/l	95
14) Allyl chloride	5.024	41	59133	43.276	ug/l #	93
15) Acrylonitrile	5.724	53	122288	262.892	ug/l	99
16) Acetone	4.430	43	115953	273.674	ug/l	91
17) Carbon Disulfide	4.712	76	103419	39.492	ug/l	99
18) Methyl Acetate	5.024	43	72507	64.674	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	152498	50.445	ug/l	93
20) Methylene Chloride	5.277	84	50742	49.590	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	44801	47.180	ug/l	86
22) Diisopropyl ether	6.677	45	151798	53.101	ug/l #	89
23) Vinyl Acetate	6.606	43	566151	249.385	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	90283	52.066	ug/l	97
25) 2-Butanone	7.482	43	170543	266.577	ug/l	91
26) 2,2-Dichloropropane	7.488	77	86433	53.610	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	56814	51.105	ug/l	88
28) Bromochloromethane	7.818	49	33512	45.050	ug/l #	82
29) Tetrahydrofuran	7.841	42	105444	261.805	ug/l #	84
30) Chloroform	7.965	83	99016	53.826	ug/l	100
31) Cyclohexane	8.259	56	68875	43.777	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	88272	51.683	ug/l	95
36) 1,1-Dichloropropene	8.377	75	64387	52.580	ug/l	97
37) Ethyl Acetate	7.559	43	65844	52.815	ug/l #	94
38) Carbon Tetrachloride	8.359	117	78501	53.243	ug/l	99
39) Methylcyclohexane	9.600	83	62866	47.527	ug/l	90
40) Benzene	8.606	78	205506	54.558	ug/l	96

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Quant Time: Jul 24 02:27:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35311	52.574	ug/l #	89
42) 1,2-Dichloroethane	8.677	62	76926	56.729	ug/l	96
43) Isopropyl Acetate	8.694	43	115436	49.050	ug/l #	92
44) Trichloroethene	9.353	130	48899	50.671	ug/l	95
45) 1,2-Dichloropropane	9.624	63	50921	57.905	ug/l	98
46) Dibromomethane	9.712	93	38618	56.369	ug/l	99
47) Bromodichloromethane	9.888	83	81628	57.665	ug/l	99
48) Methyl methacrylate	9.682	41	52854	54.068	ug/l #	85
49) 1,4-Dioxane	9.694	88	21868	1029.111	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	364228	294.695	ug/l	94
52) Toluene	10.629	92	129421	55.003	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	81014	55.555	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	82505	53.451	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	52308	60.455	ug/l	98
56) Ethyl methacrylate	10.876	69	79407	58.989	ug/l	89
57) 1,3-Dichloropropane	11.165	76	87935	57.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	216634	313.629	ug/l	96
59) 2-Hexanone	11.194	43	282714	307.663	ug/l	95
60) Dibromochloromethane	11.359	129	64092	58.159	ug/l	99
61) 1,2-Dibromoethane	11.470	107	51504	56.053	ug/l	98
64) Tetrachloroethene	11.106	164	46325	46.950	ug/l	96
65) Chlorobenzene	11.894	112	146145	51.570	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	55796	55.352	ug/l	100
67) Ethyl Benzene	11.965	91	244571	51.348	ug/l	98
68) m/p-Xylenes	12.070	106	195391	108.659	ug/l	97
69) o-Xylene	12.400	106	91431	53.065	ug/l	96
70) Styrene	12.412	104	162483	57.073	ug/l	97
71) Bromoform	12.582	173	43159	54.442	ug/l #	98
73) Isopropylbenzene	12.700	105	234517	49.197	ug/l	98
74) N-amyl acetate	12.494	43	101724	51.590	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	76358	53.485	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	68163m	60.267	ug/l	
77) Bromobenzene	12.982	156	59413	48.312	ug/l	94
78) n-propylbenzene	13.035	91	286090	52.198	ug/l	99
79) 2-Chlorotoluene	13.129	91	170942	48.950	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	195817	50.819	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	29416	51.151	ug/l	99
82) 4-Chlorotoluene	13.223	91	171280	49.552	ug/l	95
83) tert-Butylbenzene	13.441	119	165423	48.425	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	201728	51.365	ug/l	99
85) sec-Butylbenzene	13.617	105	238635	51.695	ug/l	100
86) p-Isopropyltoluene	13.729	119	195276	50.702	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	110472	49.727	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	111808	48.665	ug/l	98
89) n-Butylbenzene	14.059	91	168049	50.930	ug/l	98
90) Hexachloroethane	14.335	117	41022	50.337	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	108187	50.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15705	47.550	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	53300	45.874	ug/l	99
94) Hexachlorobutadiene	15.505	225	22879	44.419	ug/l	100
95) Naphthalene	15.641	128	181312	45.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	55589	46.532	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VSTDCCC050

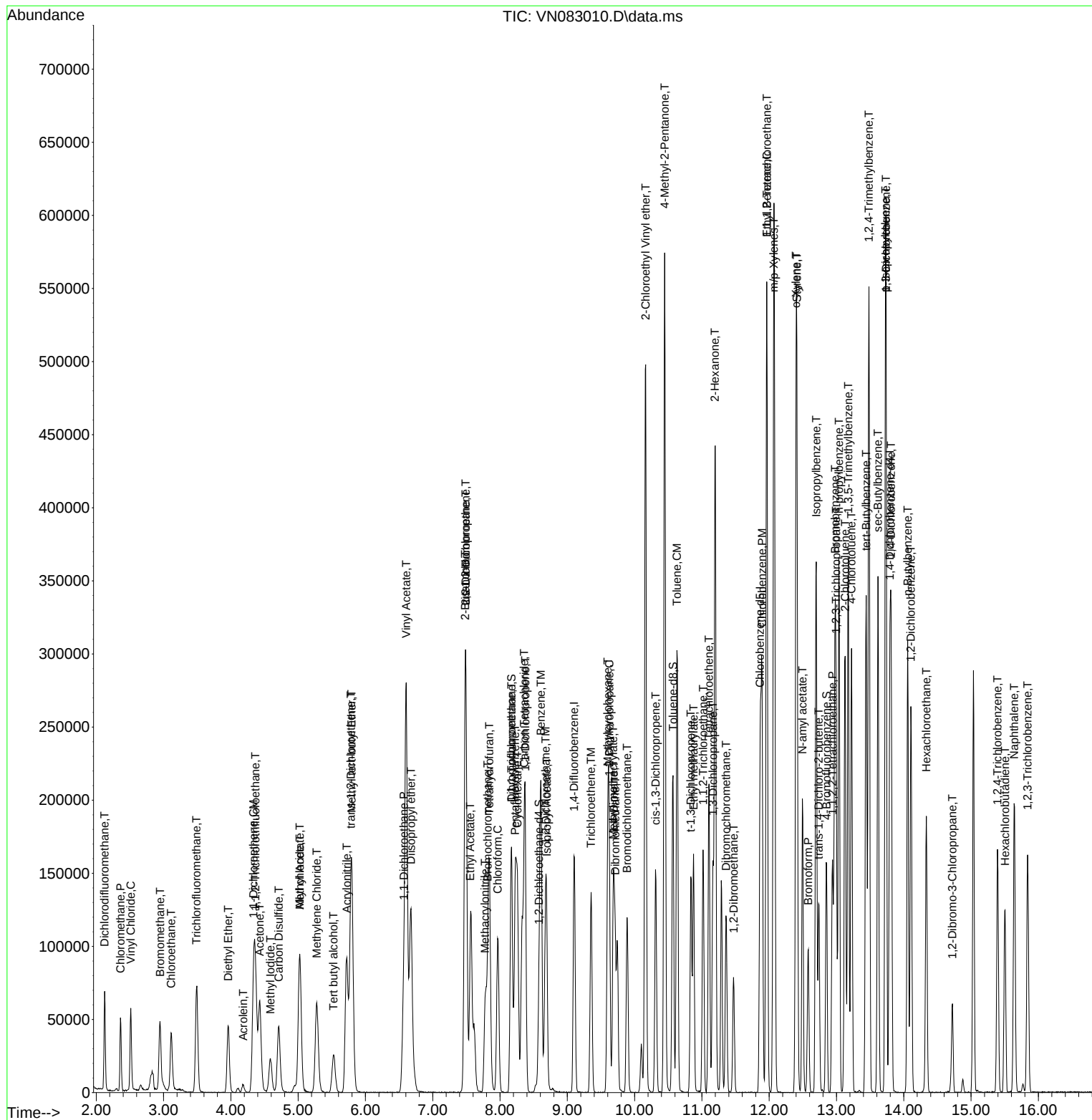
Manual Integrations

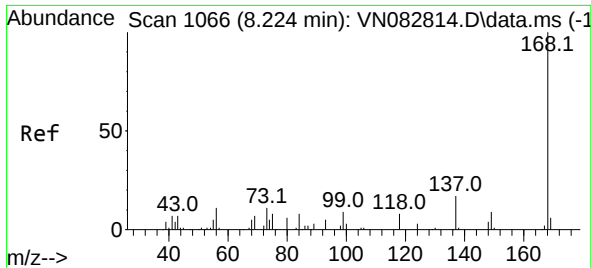
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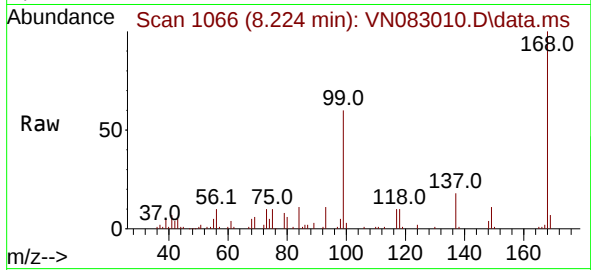
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083010.D
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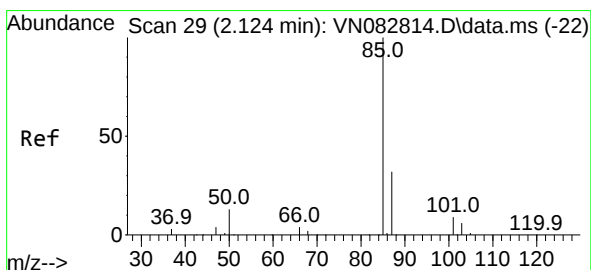
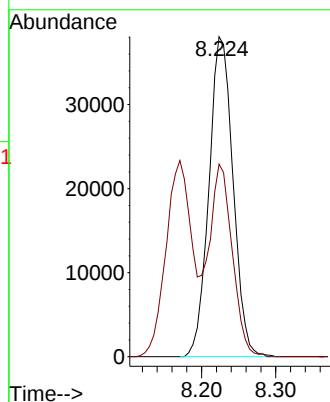
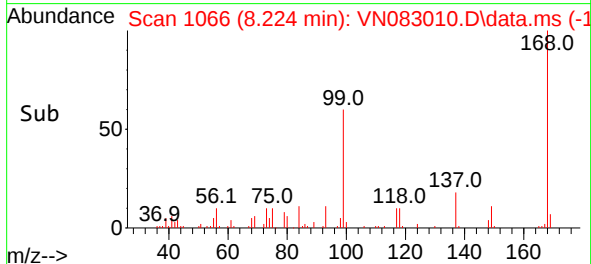
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 85848
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4

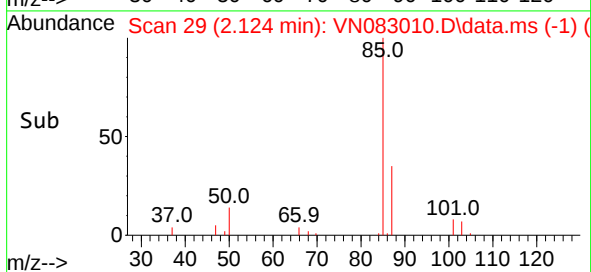
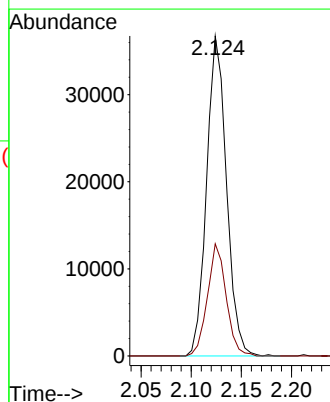
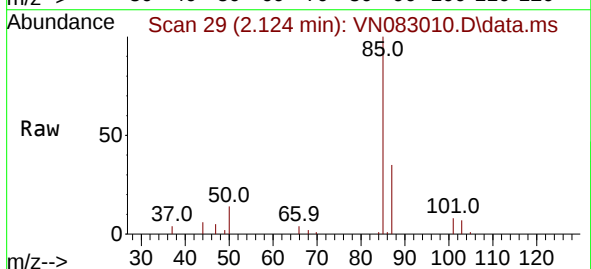
Manual Integrations
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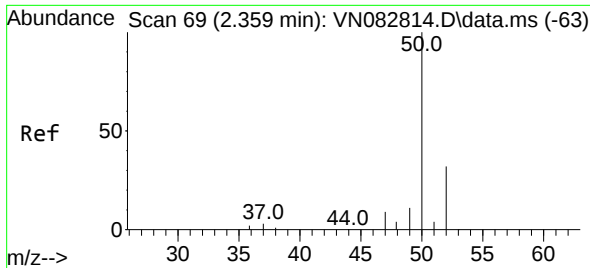
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#2
Dichlorodifluoromethane
Concen: 45.698 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 85 Resp: 50791
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0





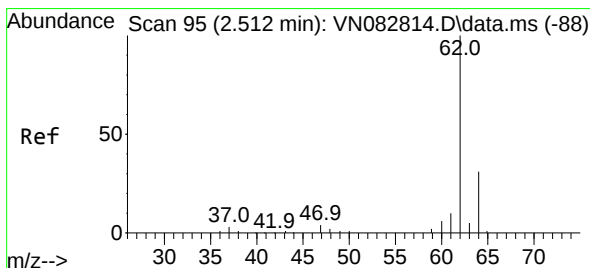
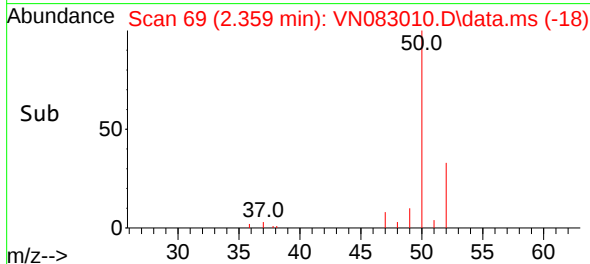
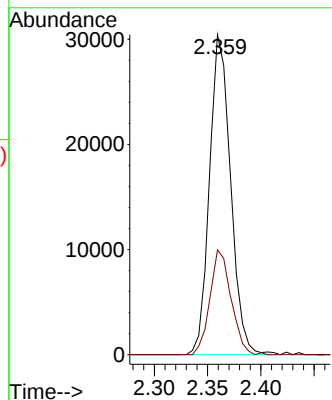
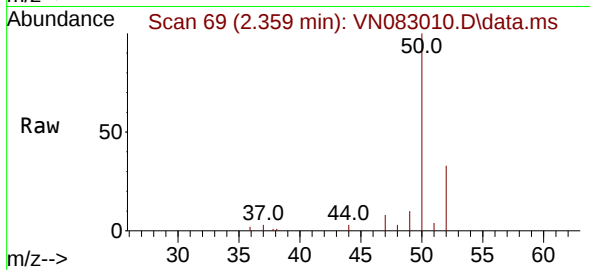
#3
Chloromethane
Concen: 39.844 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 4199
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4

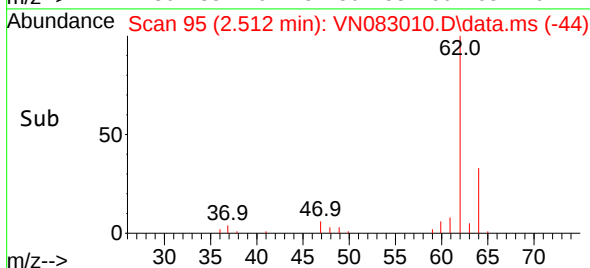
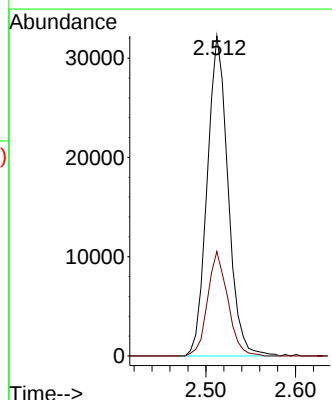
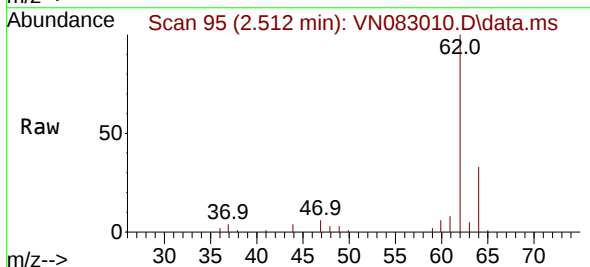
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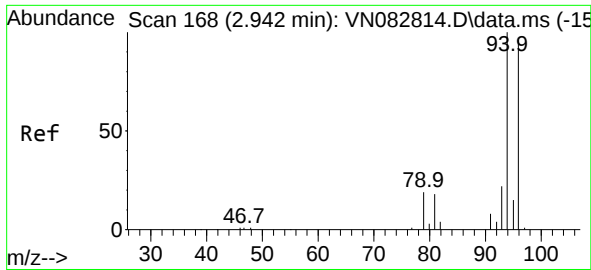
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#4
Vinyl Chloride
Concen: 47.053 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 62 Resp: 52087
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6





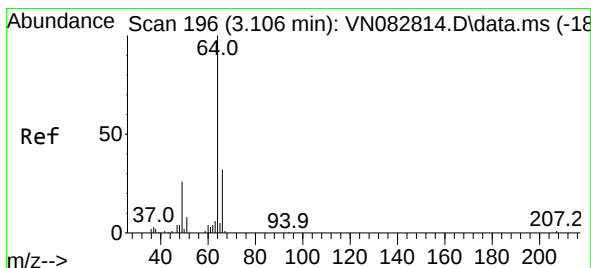
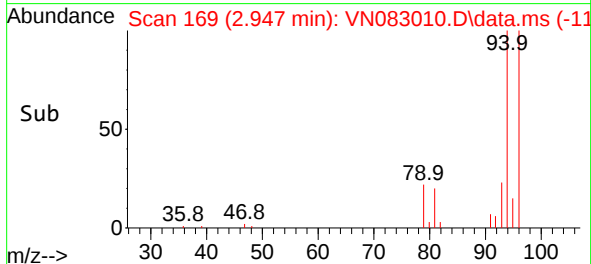
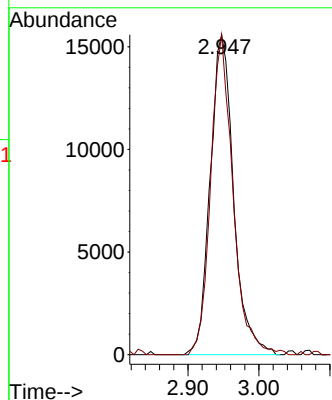
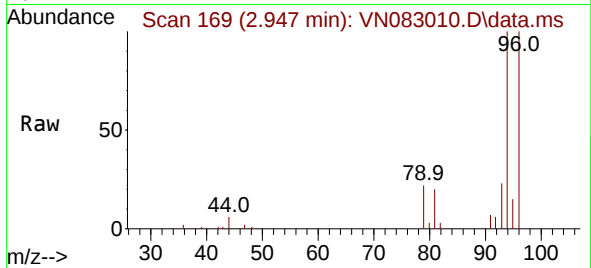
#5
Bromomethane
Concen: 44.613 ug/l
RT: 2.947 min Scan# 168
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 35608
Ion Ratio Lower Upper
94 100
96 99.9 78.0 117.0

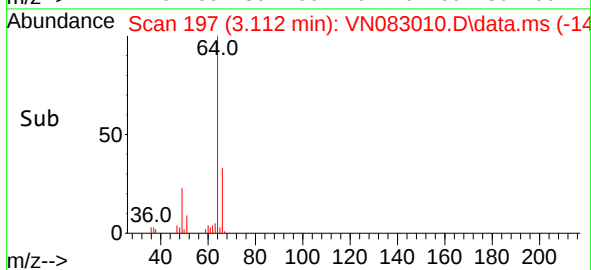
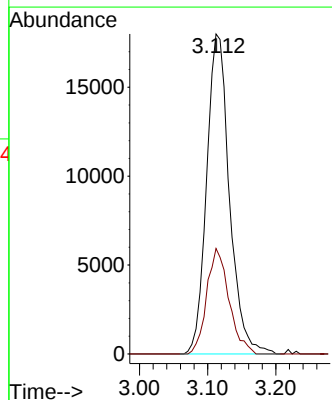
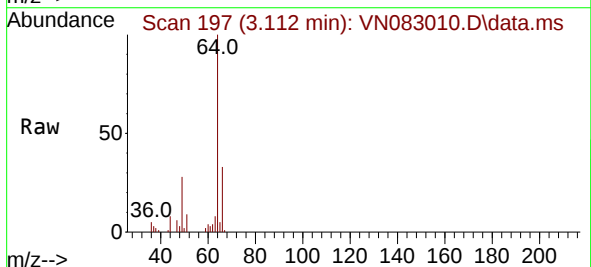
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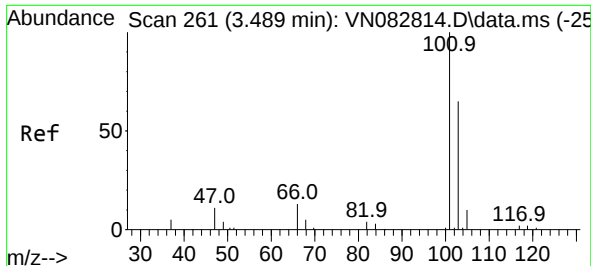
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#6
Chloroethane
Concen: 55.316 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 64 Resp: 41904
Ion Ratio Lower Upper
64 100
66 32.9 26.6 40.0





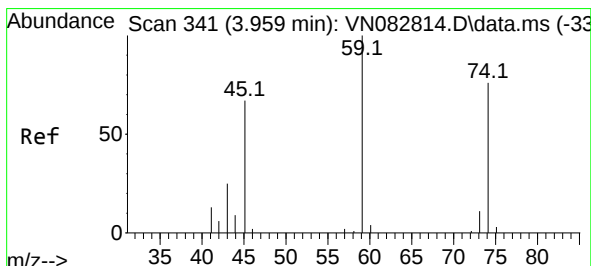
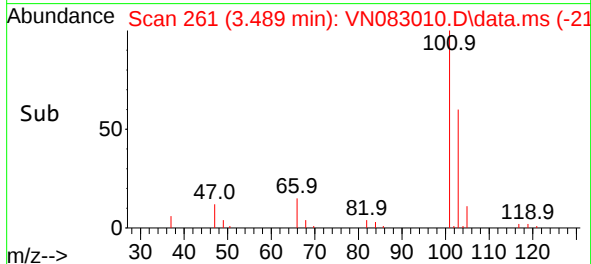
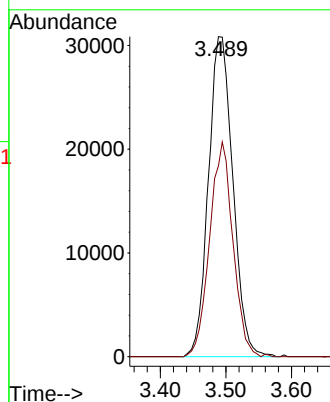
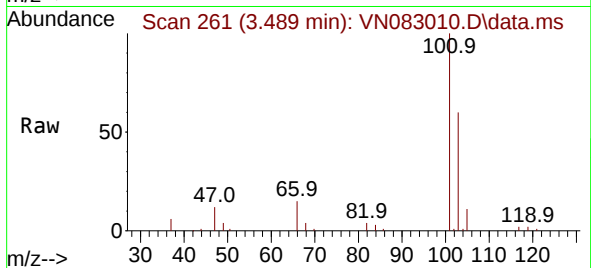
#7
Trichlorofluoromethane
Concen: 50.152 ug/l
RT: 3.489 min Scan# 261
Delta R.T. -0.005 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 79850
Ion Ratio Lower Upper
101 100
103 59.6 52.7 79.1

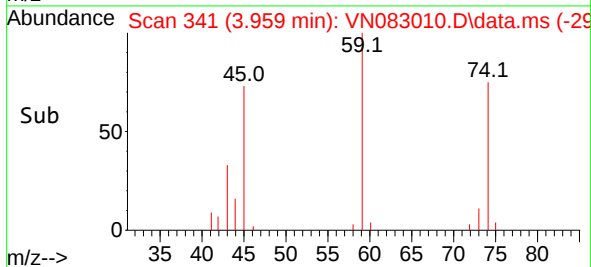
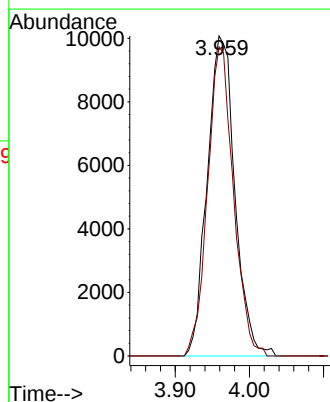
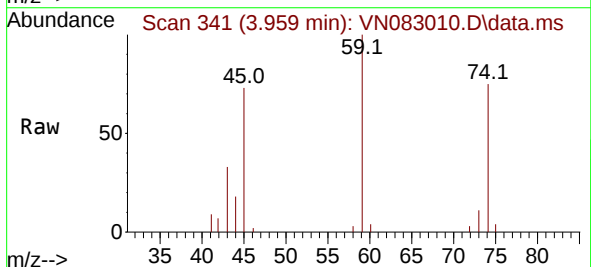
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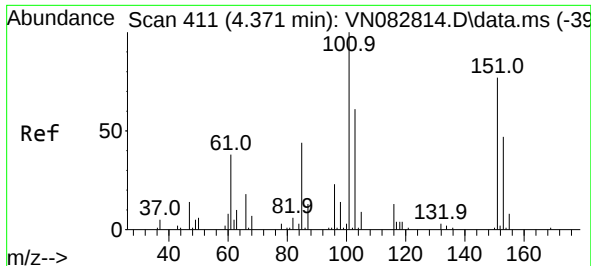
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#8
Diethyl Ether
Concen: 47.895 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 74 Resp: 26098
Ion Ratio Lower Upper
74 100
45 90.4 55.5 166.3





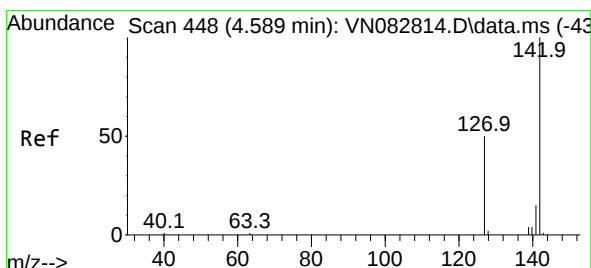
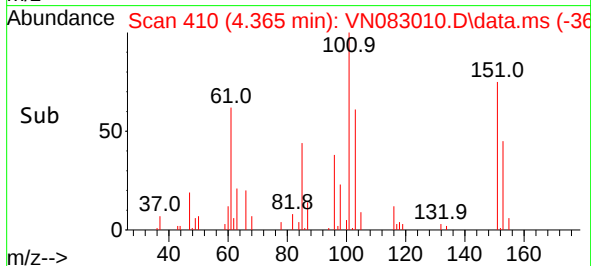
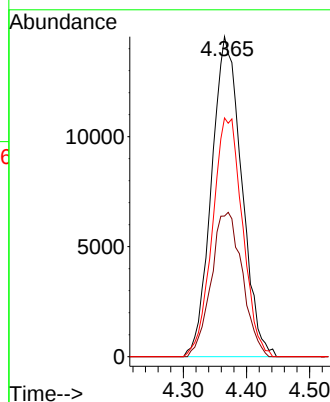
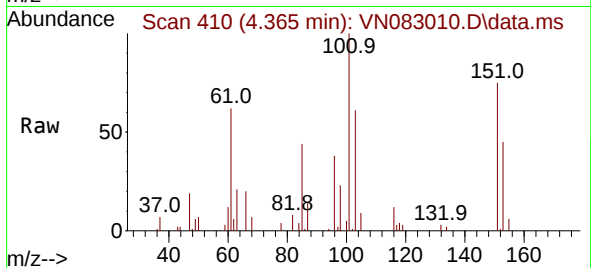
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.403 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4812
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 74.6 59.3 88.9

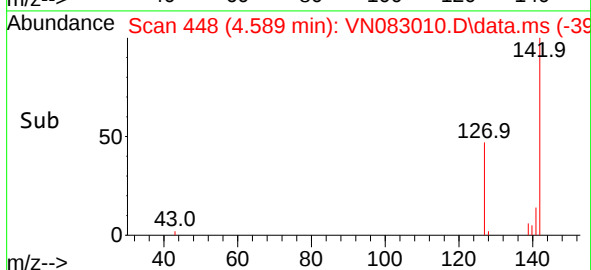
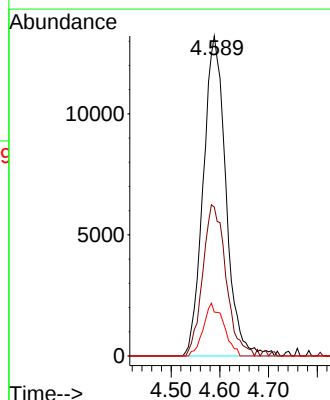
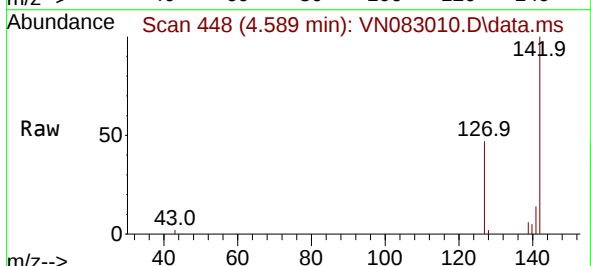
Manual Integrations
APPROVED

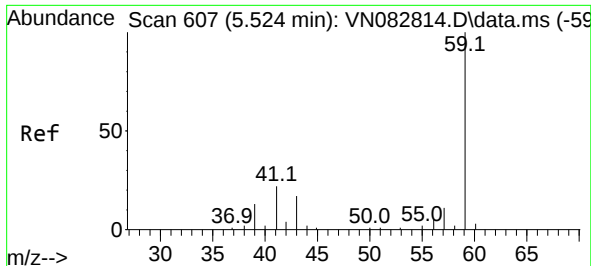
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#10
Methyl Iodide
Concen: 46.189 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

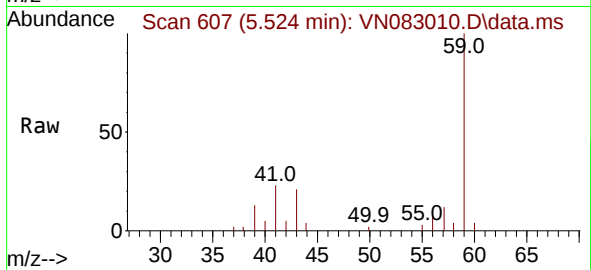
Tgt Ion:142 Resp: 42673
Ion Ratio Lower Upper
142 100
127 46.5 37.5 56.3
141 13.7 13.1 19.7





#11
Tert butyl alcohol
Concen: 213.199 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

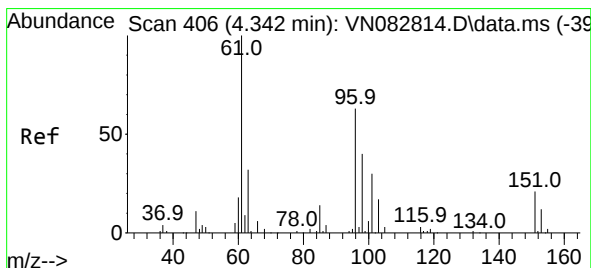
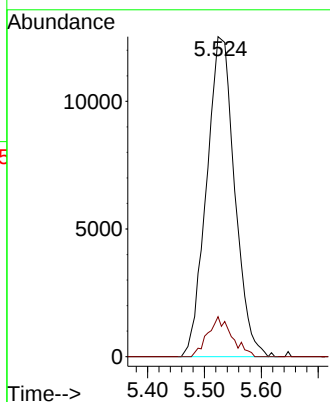
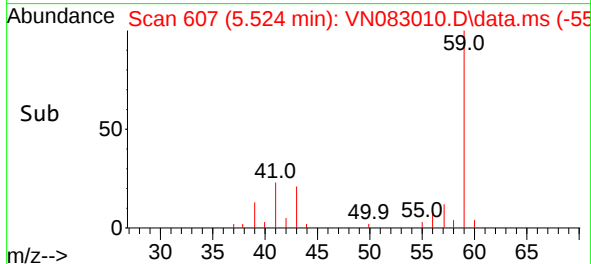
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



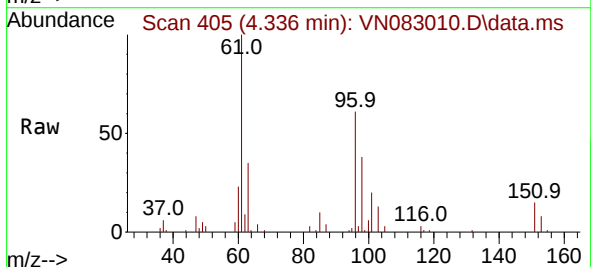
Tgt Ion: 59 Resp: 4315
Ion Ratio Lower Upper
59 100
57 10.7 8.9 13.3

Manual Integrations
APPROVED

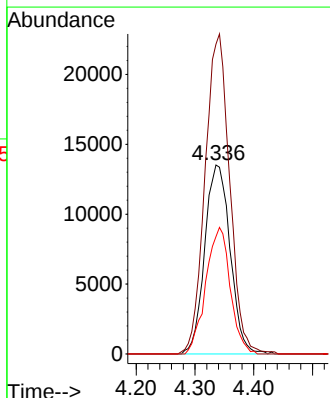
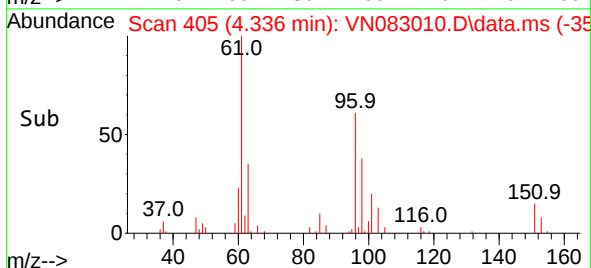
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

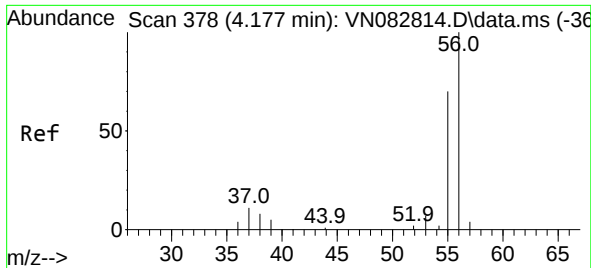


#12
1,1-Dichloroethene
Concen: 46.341 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion: 96 Resp: 40612
Ion Ratio Lower Upper
96 100
61 164.0 149.7 224.5
98 62.1 50.1 75.1





#13

Acrolein

Concen: 44.590 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 6510

Ion Ratio Lower Upper

56 100

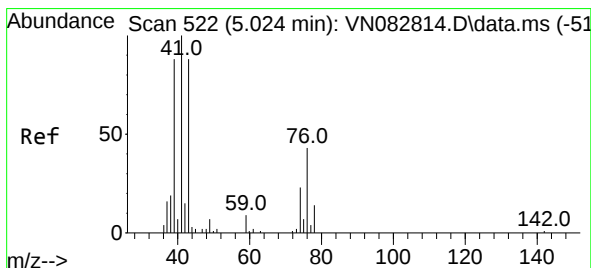
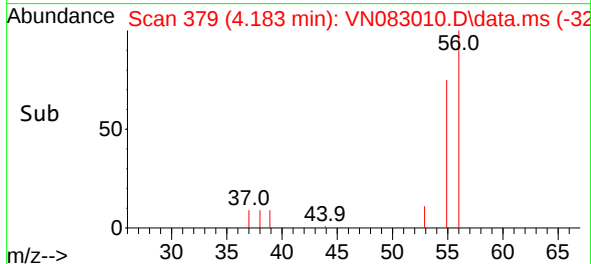
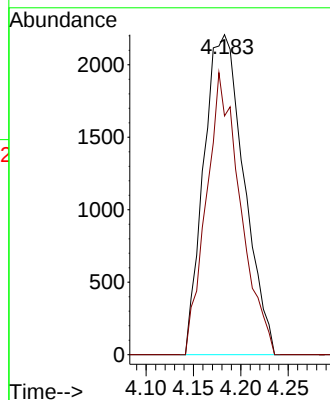
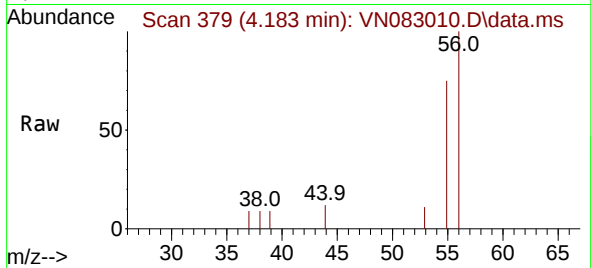
55 75.0 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#14

Allyl chloride

Concen: 43.276 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

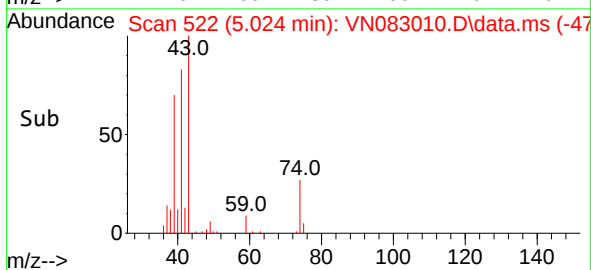
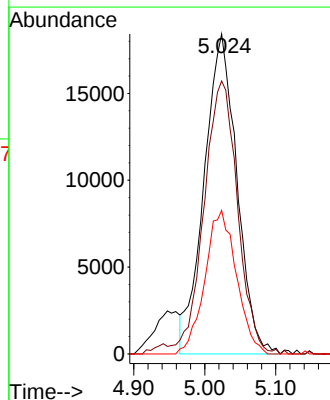
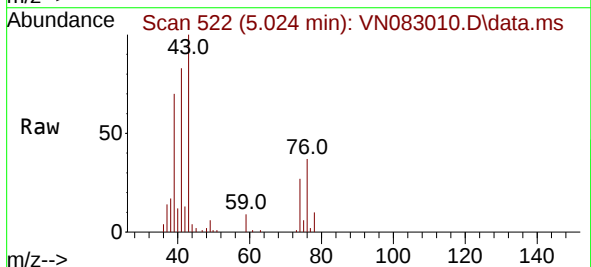
Tgt Ion: 41 Resp: 59133

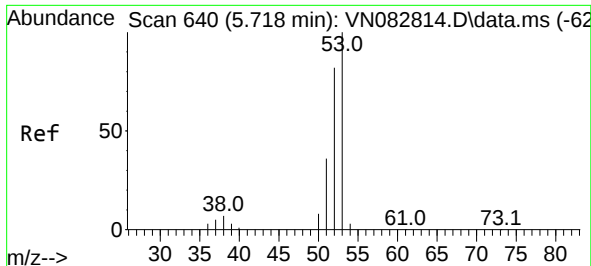
Ion Ratio Lower Upper

41 100

39 87.1 67.8 101.6

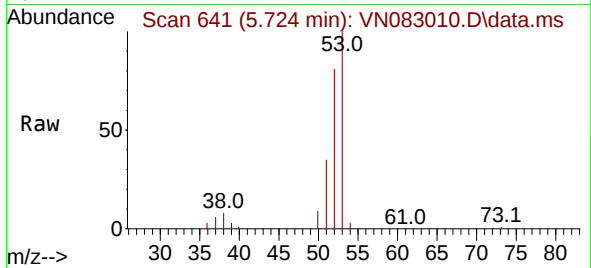
76 43.1 25.8 38.8#





#15
Acrylonitrile
Concen: 262.892 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

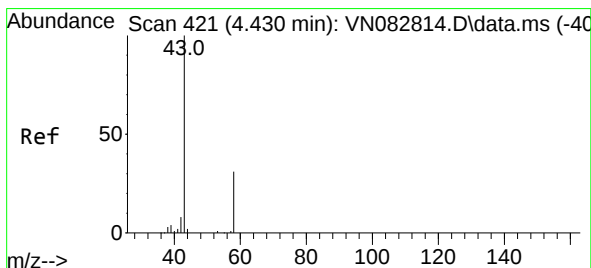
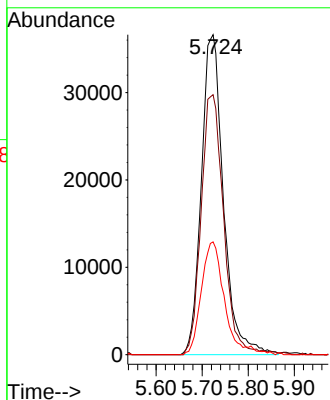
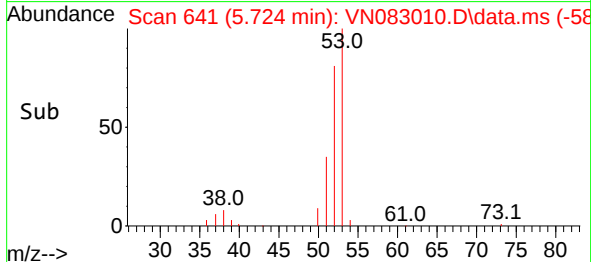
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 122288
Ion Ratio Lower Upper
53 100
52 82.8 66.6 100.0
51 37.0 30.1 45.1

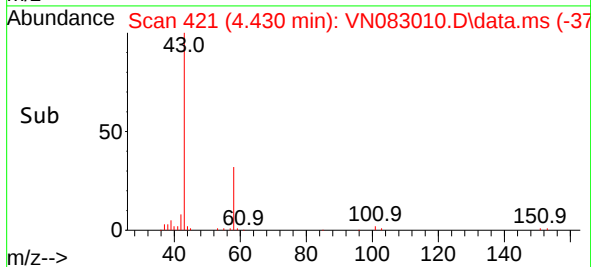
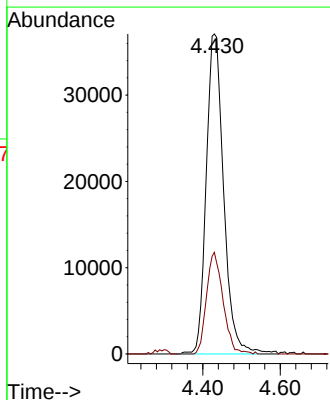
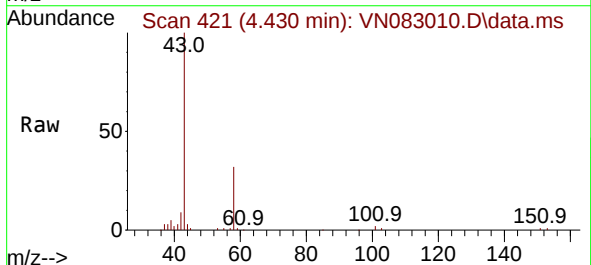
Manual Integrations
APPROVED

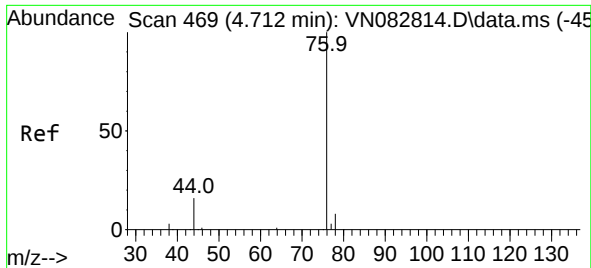
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Acetone
Concen: 273.674 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

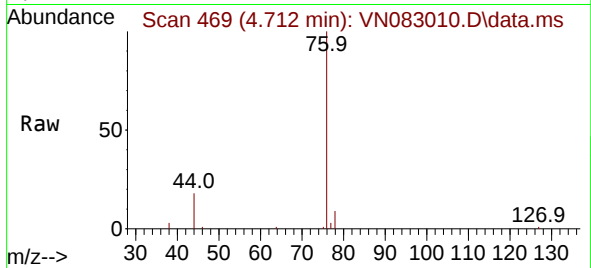
Tgt Ion: 43 Resp: 115953
Ion Ratio Lower Upper
43 100
58 31.8 21.8 32.6





#17
Carbon Disulfide
Concen: 39.492 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

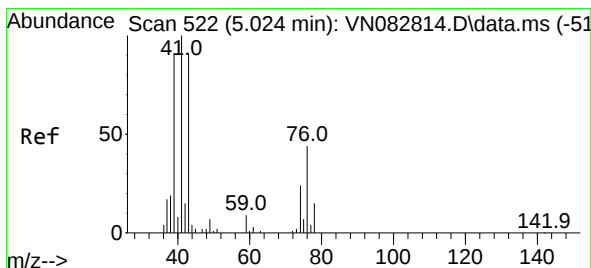
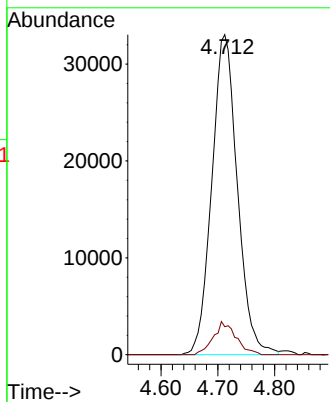
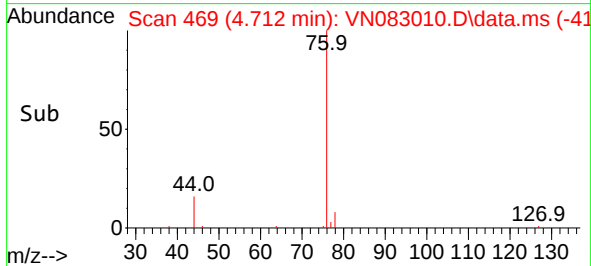
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 103419
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

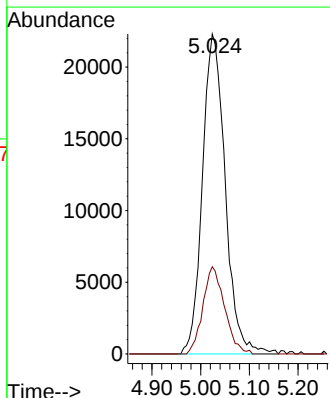
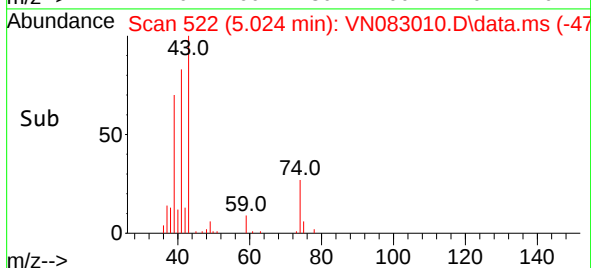
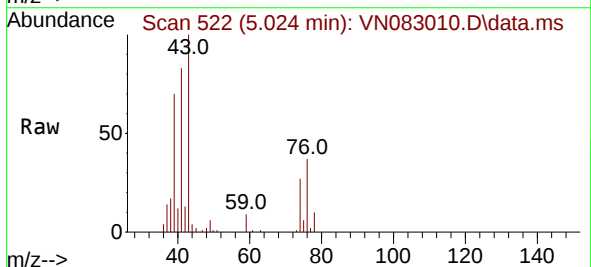
Manual Integrations
APPROVED

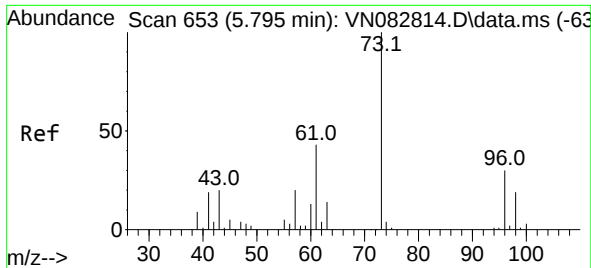
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#18
Methyl Acetate
Concen: 64.674 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 43 Resp: 72507
Ion Ratio Lower Upper
43 100
74 25.9 16.3 24.5





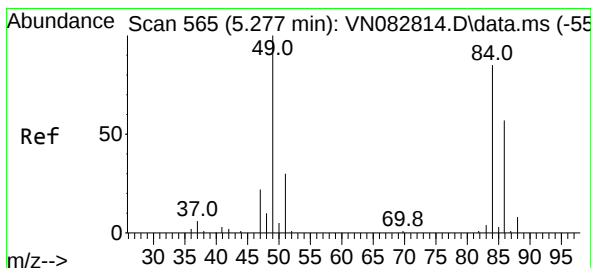
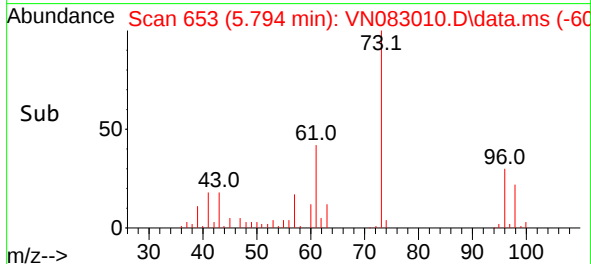
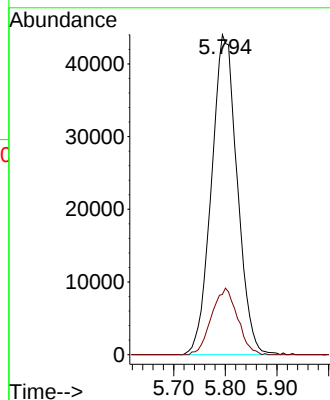
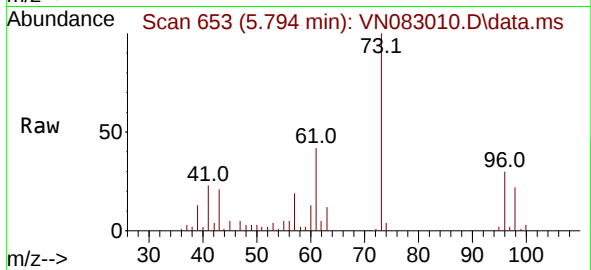
#19
Methyl tert-butyl Ether
Concen: 50.445 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 152498
Ion Ratio Lower Upper
73 100
57 18.8 17.9 26.9

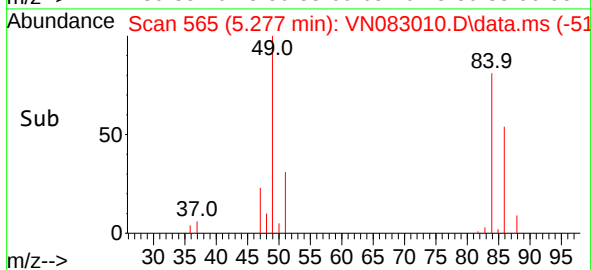
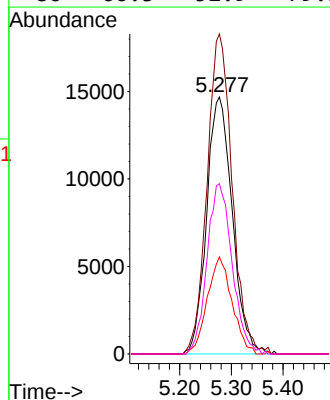
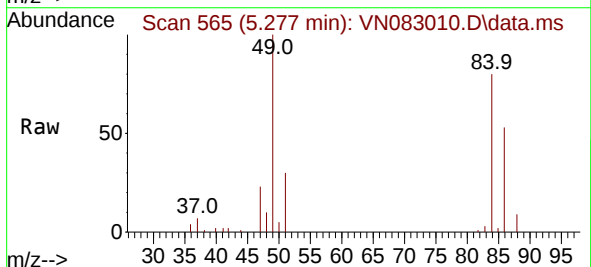
Manual Integrations
APPROVED

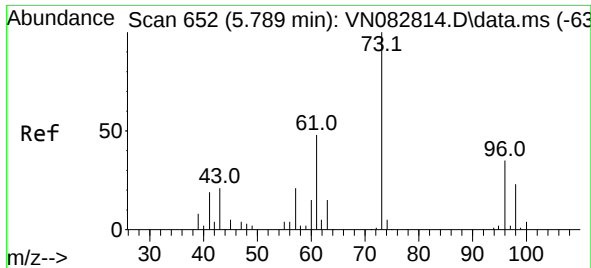
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#20
Methylene Chloride
Concen: 49.590 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

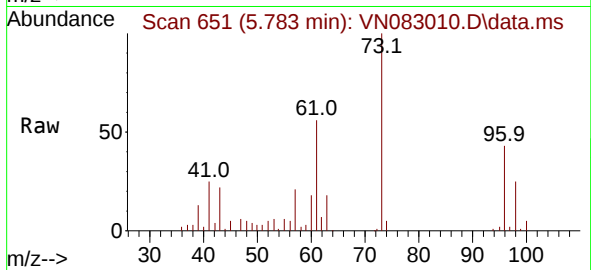
Tgt Ion: 84 Resp: 50742
Ion Ratio Lower Upper
84 100
49 124.5 119.6 179.4
51 37.8 34.8 52.2
86 66.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 47.180 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

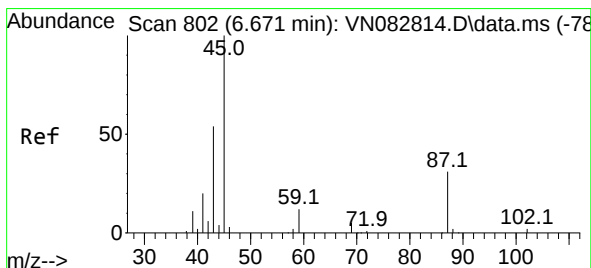
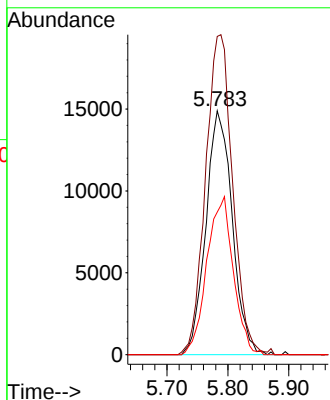
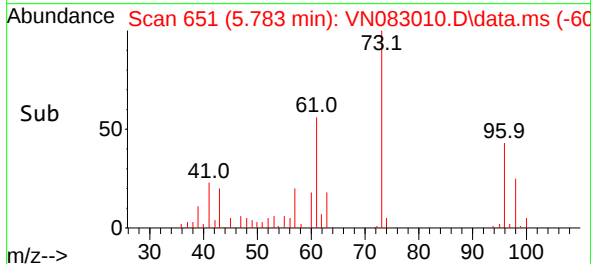
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 4480
Ion Ratio Lower Upper
96 100
61 130.5 123.4 185.2
98 58.5 49.3 73.9

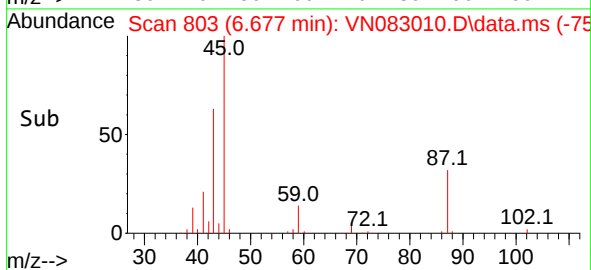
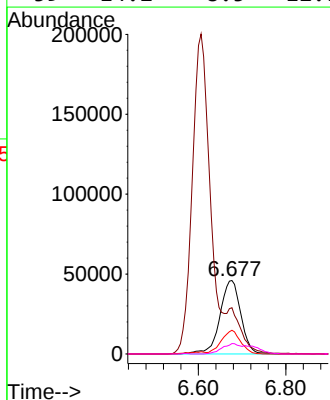
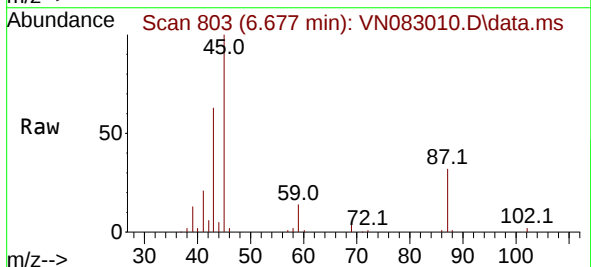
Manual Integrations
APPROVED

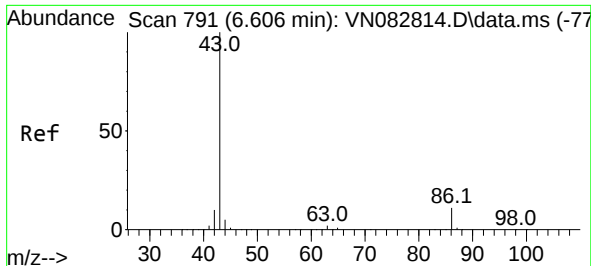
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#22
Diisopropyl ether
Concen: 53.101 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 45 Resp: 151798
Ion Ratio Lower Upper
45 100
43 61.8 44.0 66.0
87 32.2 19.7 29.5#
59 14.2 8.5 12.7#





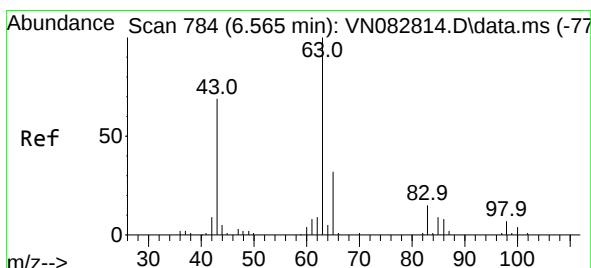
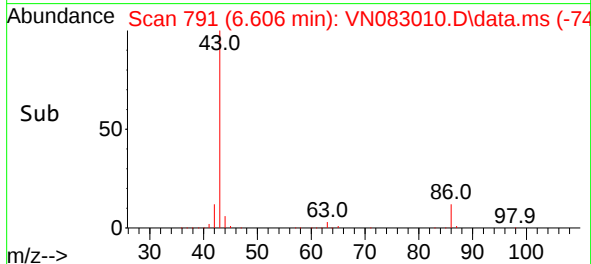
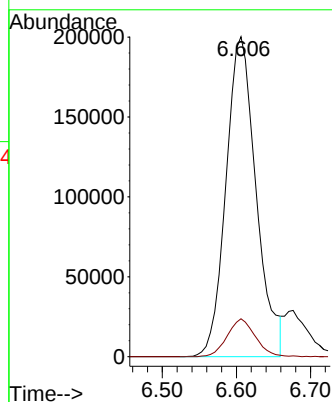
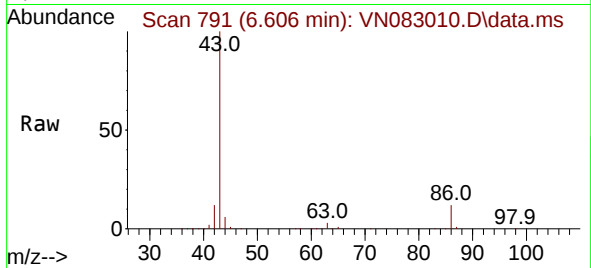
#23
 Vinyl Acetate
 Concen: 249.385 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 56615
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.3 10.9

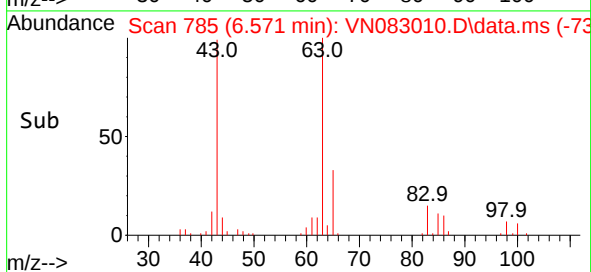
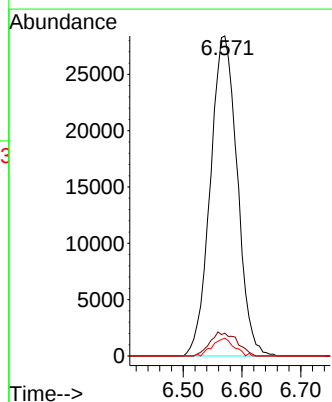
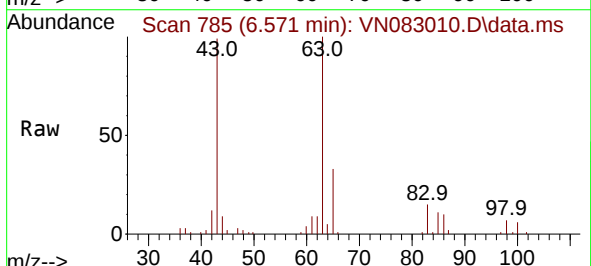
Manual Integrations
 APPROVED

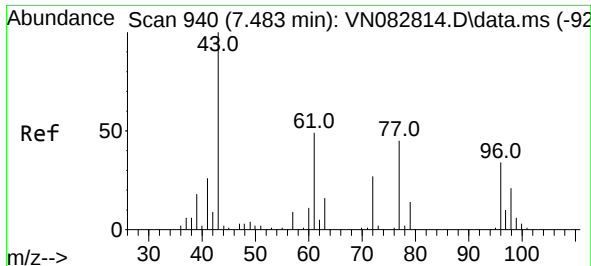
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#24
 1,1-Dichloroethane
 Concen: 52.066 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

Tgt Ion: 63 Resp: 90283
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 5.6 2.0 6.0





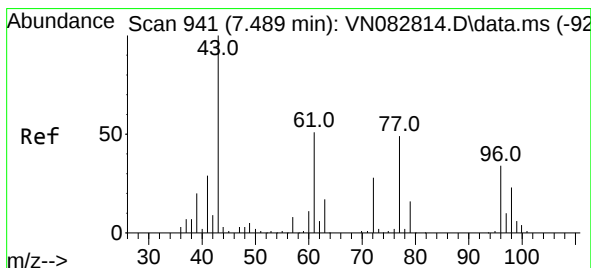
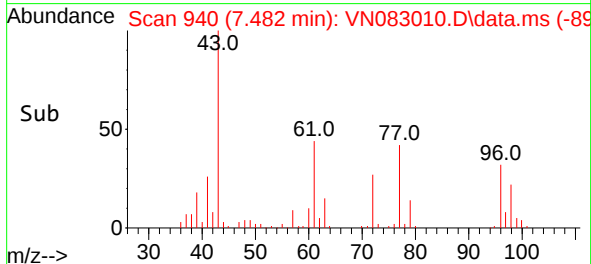
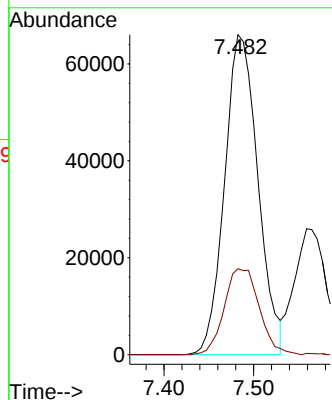
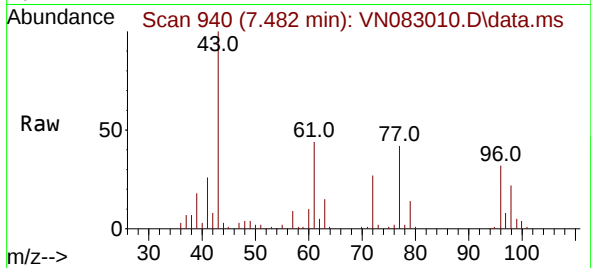
#25
2-Butanone
Concen: 266.577 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17054
Ion Ratio Lower Upper
43 100
72 26.9 18.2 27.2

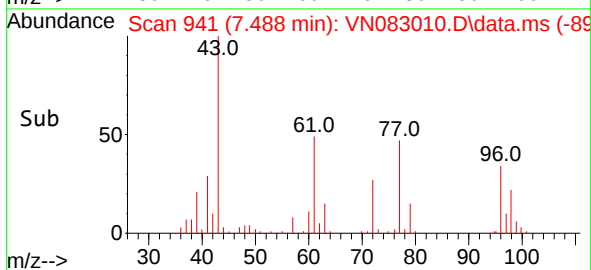
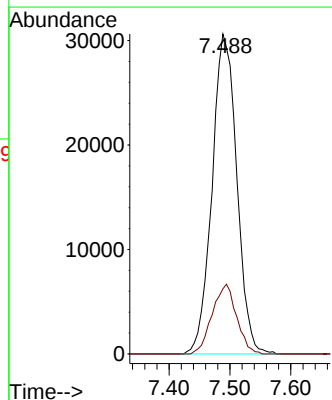
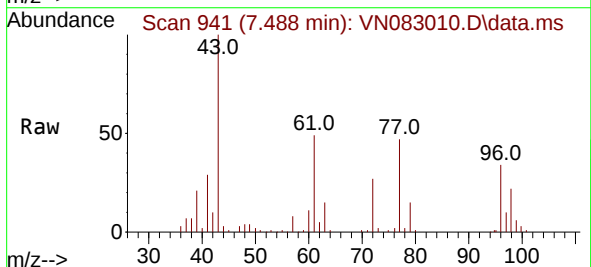
Manual Integrations
APPROVED

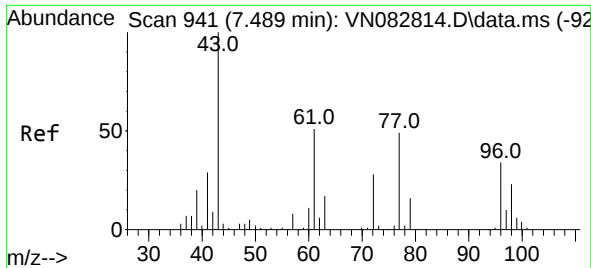
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#26
2,2-Dichloropropane
Concen: 53.610 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

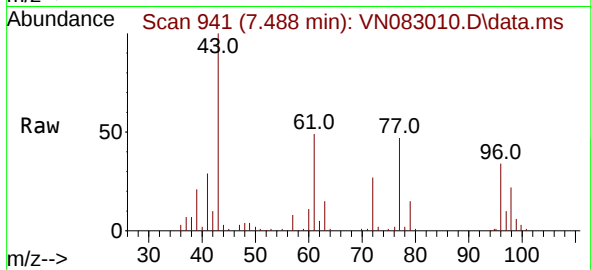
Tgt Ion: 77 Resp: 86433
Ion Ratio Lower Upper
77 100
97 21.5 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 51.105 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

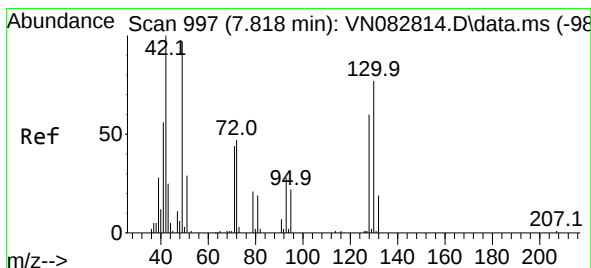
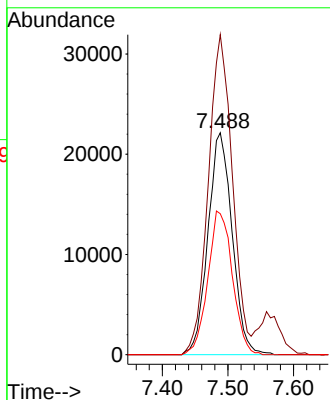
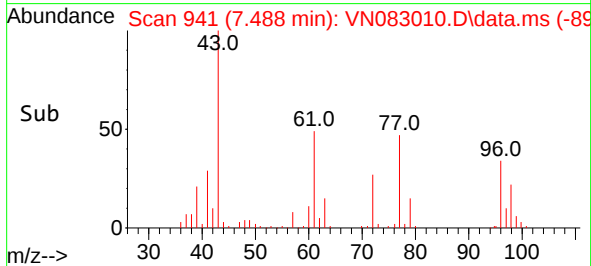
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 56814
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 329.6
 98 65.7 0.0 128.6

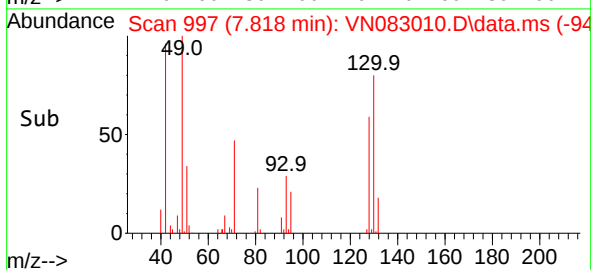
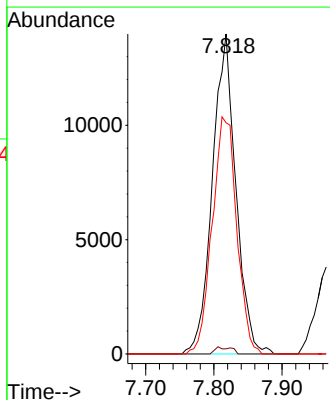
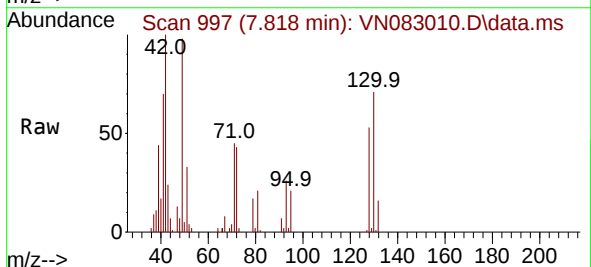
Manual Integrations
 APPROVED

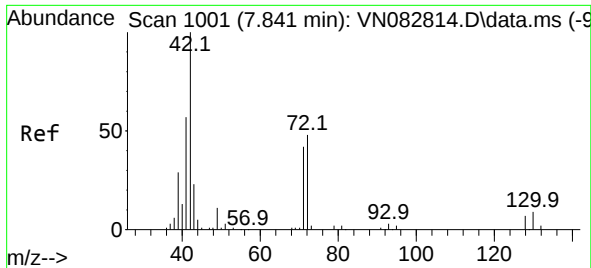
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#28
 Bromochloromethane
 Concen: 45.050 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

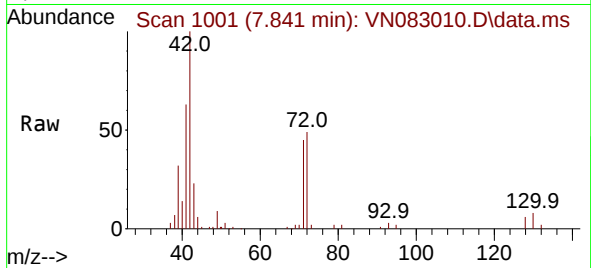
Tgt Ion: 49 Resp: 33512
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 77.4 50.5 75.7#





#29
Tetrahydrofuran
Concen: 261.805 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

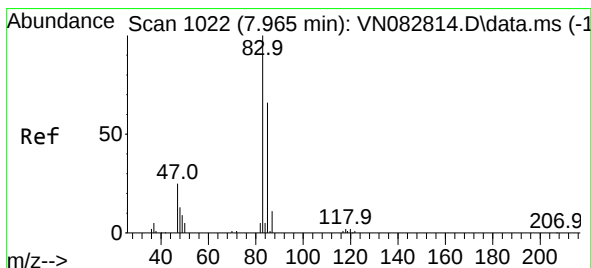
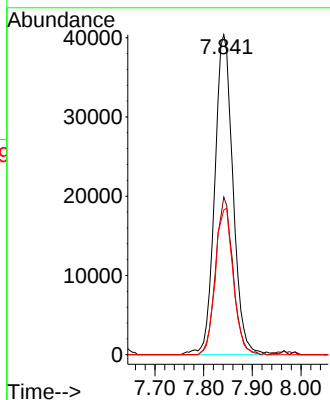
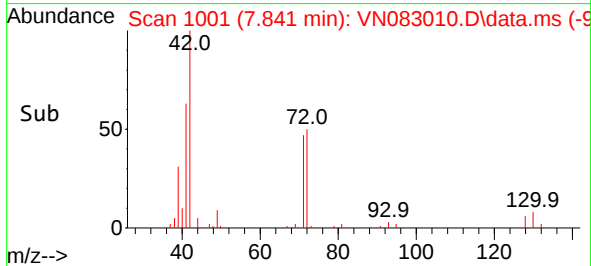
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 10544
Ion Ratio Lower Upper
42 100
72 46.7 30.0 45.0
71 44.8 28.3 42.5

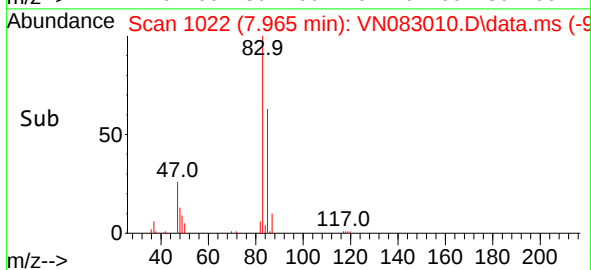
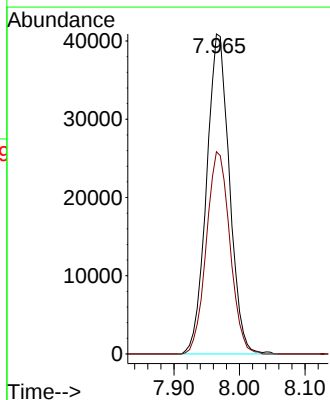
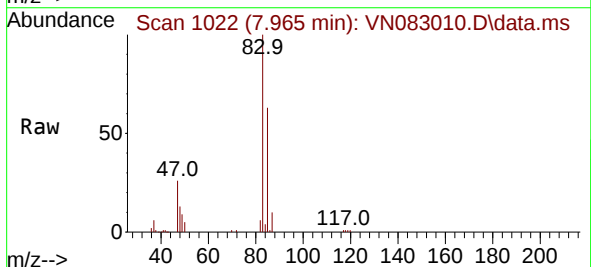
Manual Integrations
APPROVED

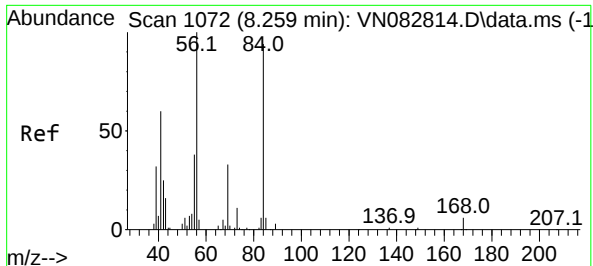
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#30
Chloroform
Concen: 53.826 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

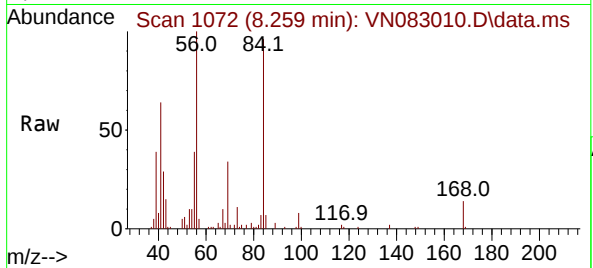
Tgt Ion: 83 Resp: 99016
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3





#31
Cyclohexane
Concen: 43.777 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

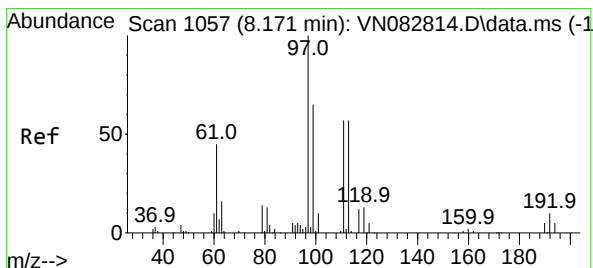
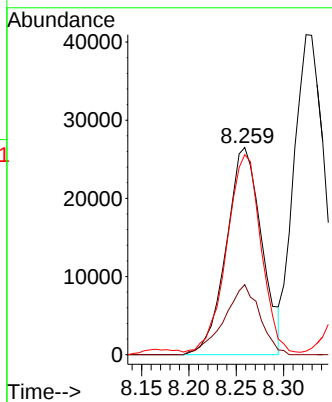
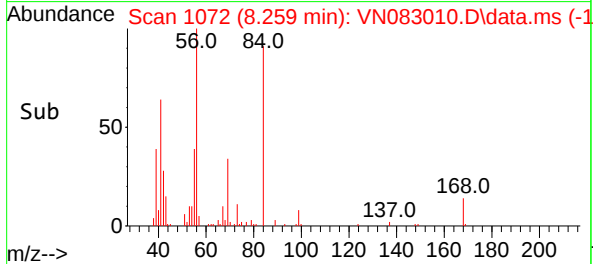
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68875
Ion Ratio Lower Upper
56 100
69 33.8 24.5 36.7
84 94.4 66.0 99.0

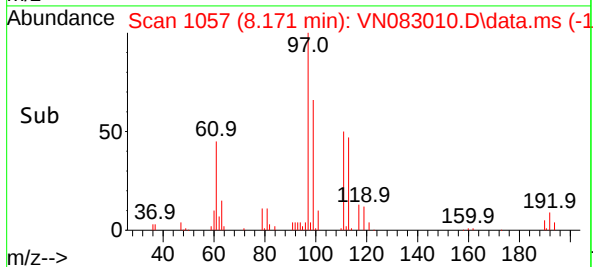
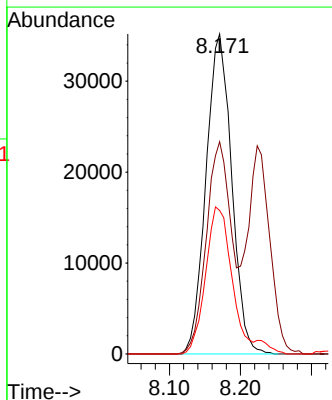
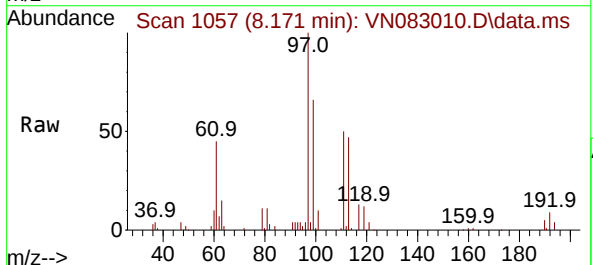
Manual Integrations
APPROVED

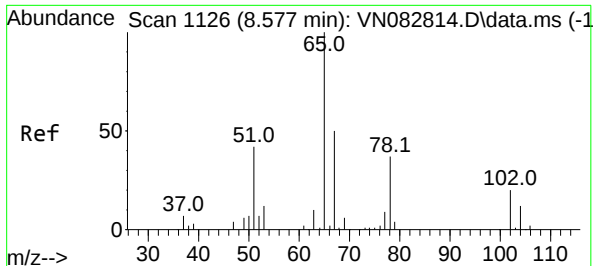
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#32
1,1,1-Trichloroethane
Concen: 51.683 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 97 Resp: 88272
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 46.8 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 42.952 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 51689

Ion Ratio Lower Upper

65 100

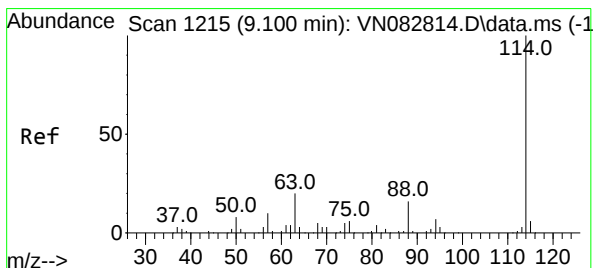
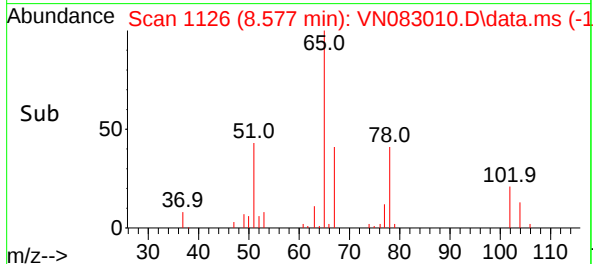
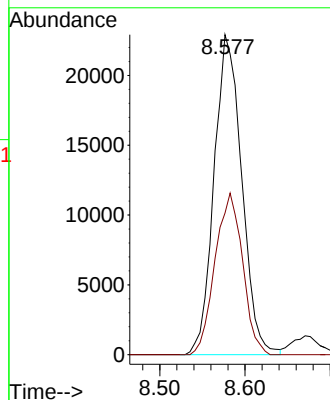
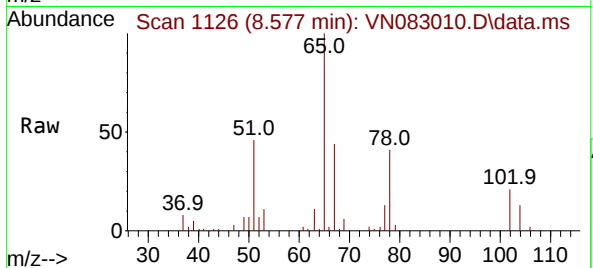
67 50.2 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

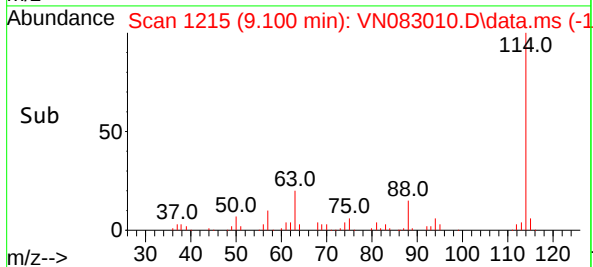
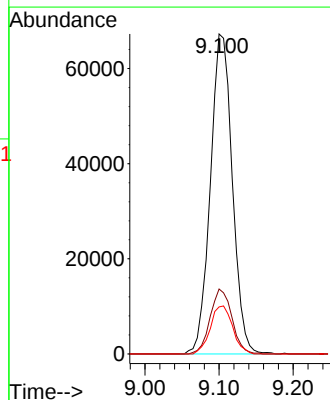
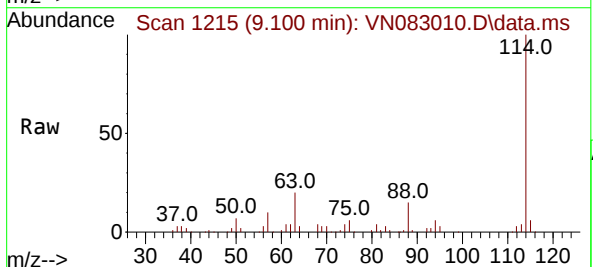
Tgt Ion:114 Resp: 138413

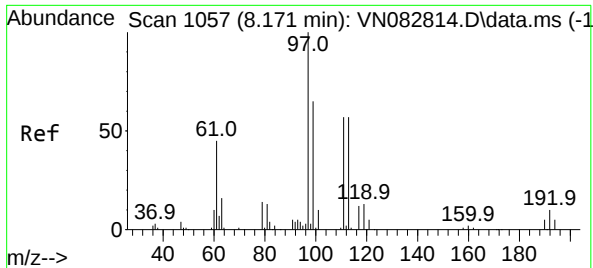
Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.6

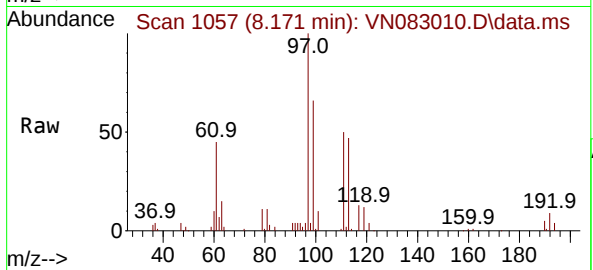
88 14.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 46.065 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

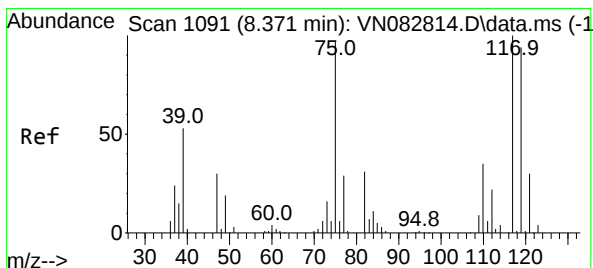
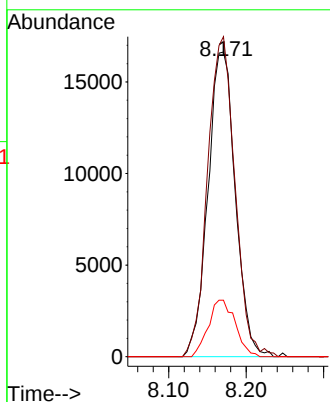
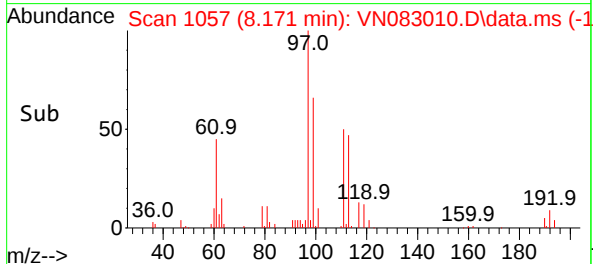
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



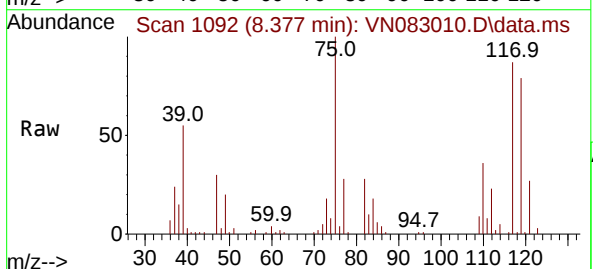
Tgt Ion: 113 Resp: 4091
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 18.2 14.9 22.3

Manual Integrations
APPROVED

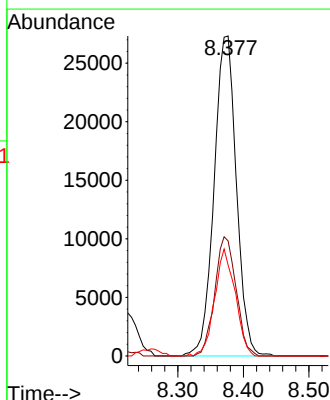
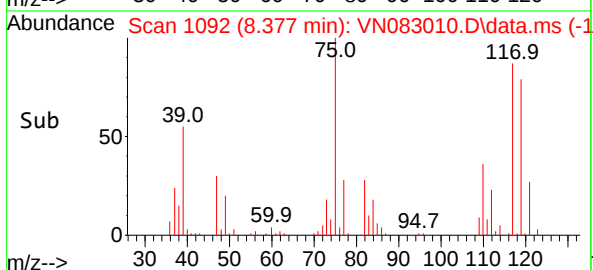
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

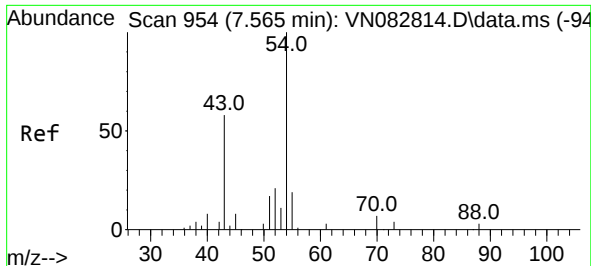


#36
1,1-Dichloropropene
Concen: 52.580 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion: 75 Resp: 64387
Ion Ratio Lower Upper
75 100
110 35.6 16.3 48.9
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 52.815 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 65844

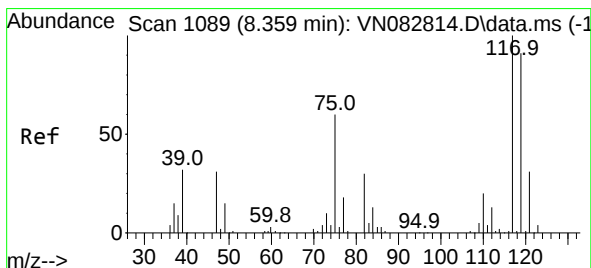
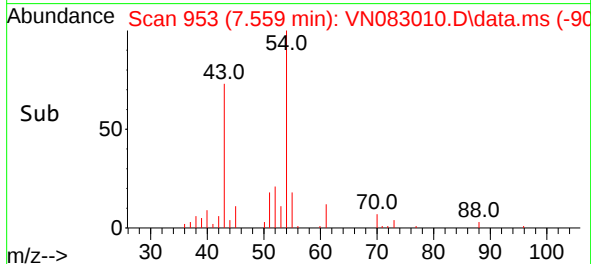
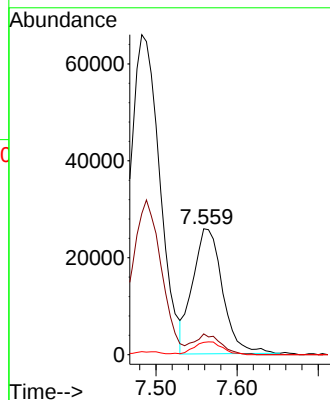
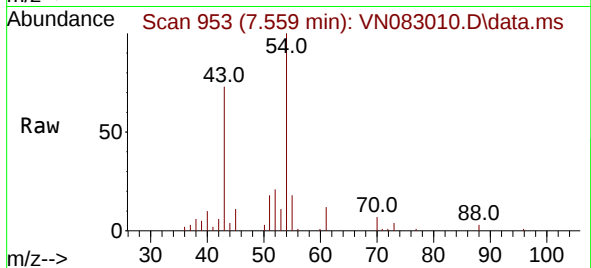
Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.3	13.9
70	9.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#38

Carbon Tetrachloride

Concen: 53.243 ug/l

RT: 8.359 min Scan# 1089

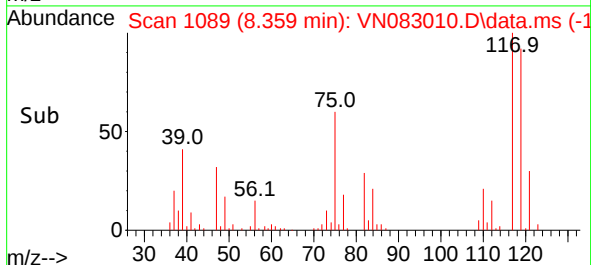
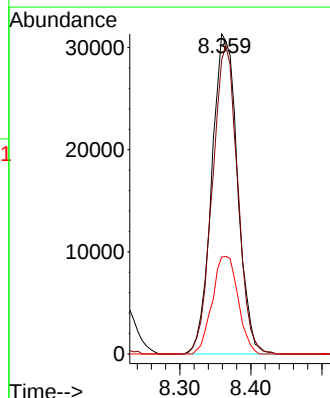
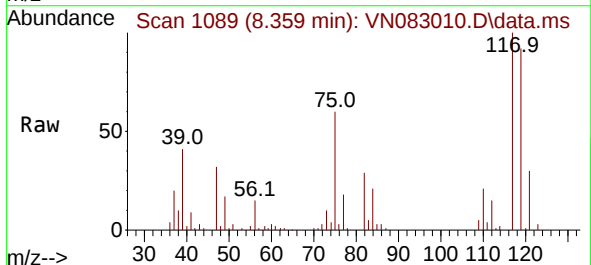
Delta R.T. -0.006 min

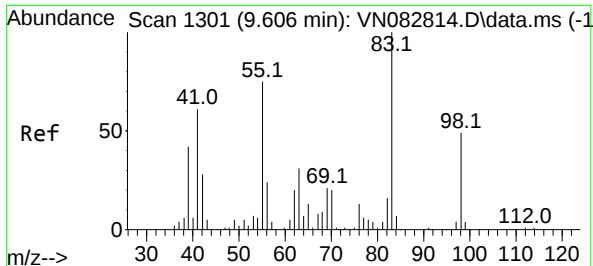
Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Tgt Ion:117 Resp: 78501

Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.9	112.3
121	30.2	24.3	36.5





#39

Methylcyclohexane

Concen: 47.527 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 62860

Ion Ratio Lower Upper

83 100

55 70.9 66.4 99.6

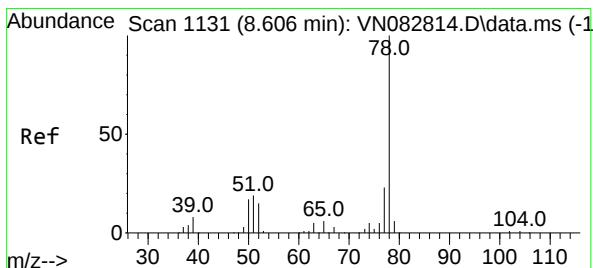
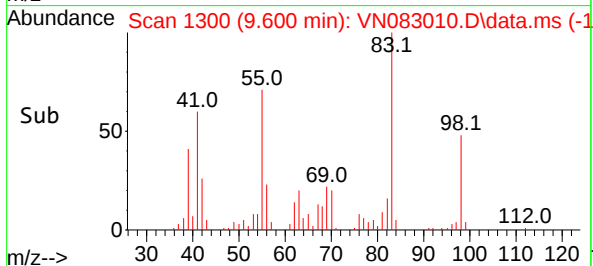
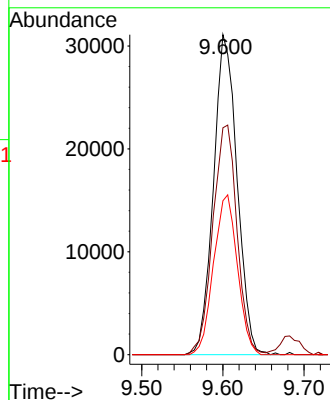
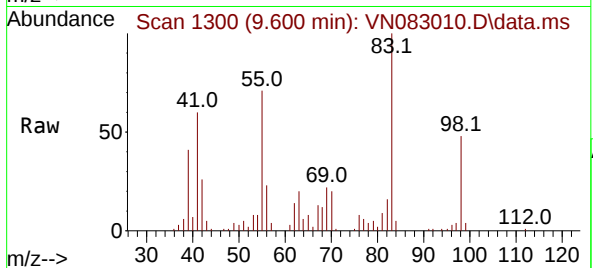
98 48.1 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#40

Benzene

Concen: 54.558 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083010.D

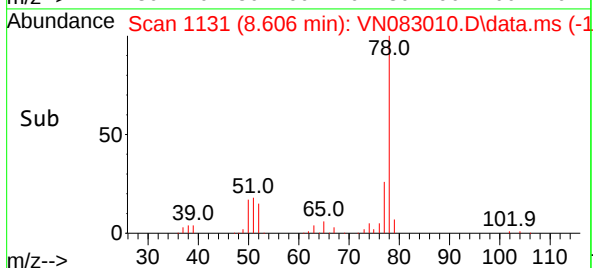
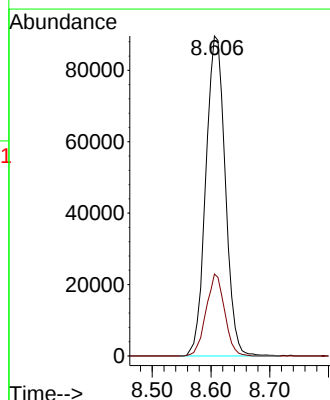
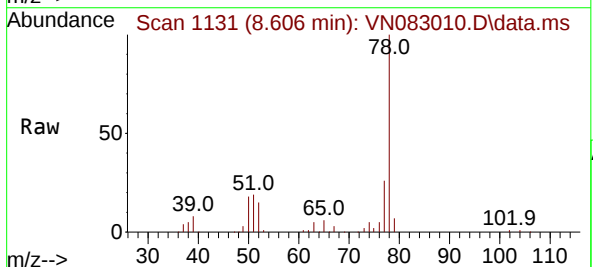
Acq: 23 Jul 2024 12:45

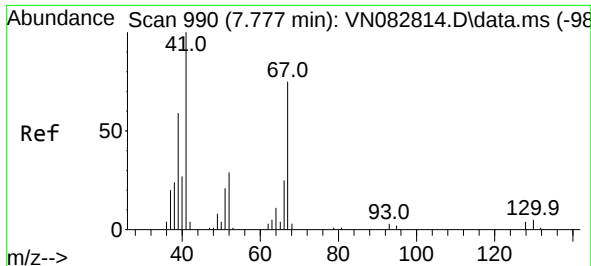
Tgt Ion: 78 Resp: 205506

Ion Ratio Lower Upper

78 100

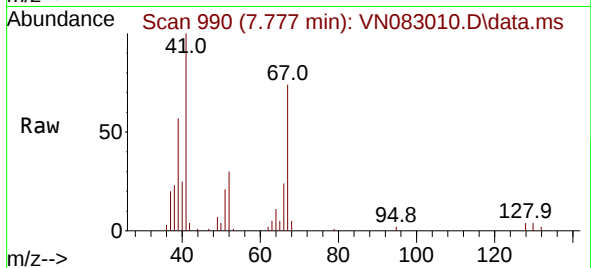
77 25.6 19.0 28.4





#41
Methacrylonitrile
Concen: 52.574 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.005 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

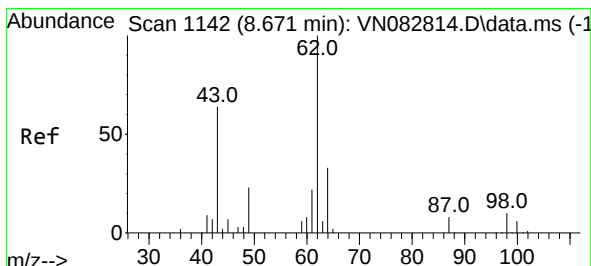
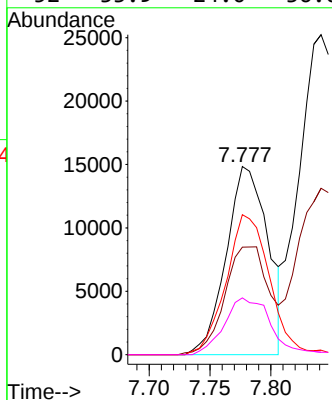
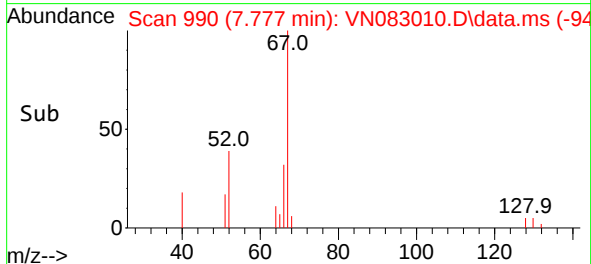
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



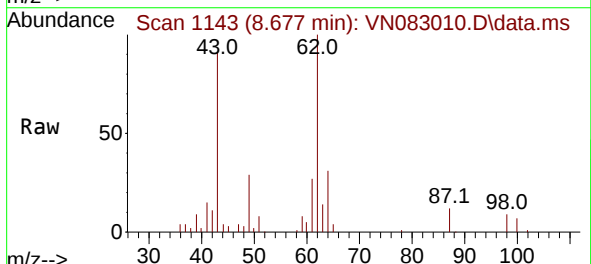
Tgt Ion: 41 Resp: 3531
Ion Ratio Lower Upper
41 100
39 60.8 45.5 68.3
67 77.7 50.5 75.7
52 33.9 24.0 36.0

Manual Integrations
APPROVED

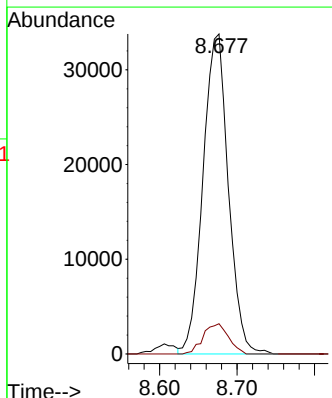
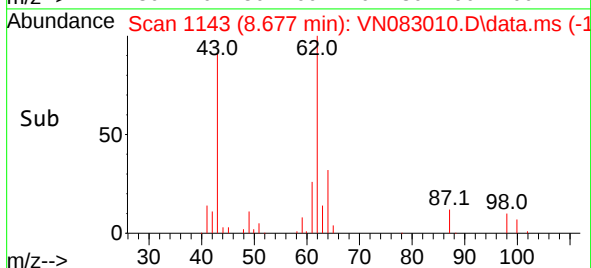
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

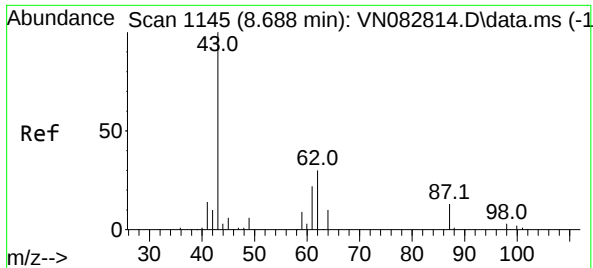


#42
1,2-Dichloroethane
Concen: 56.729 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



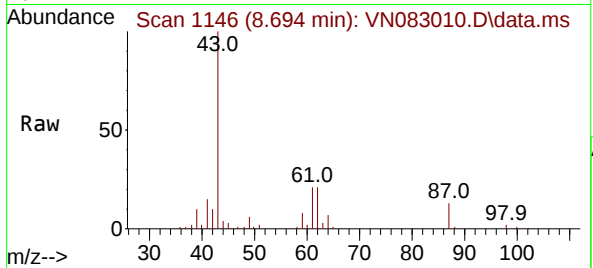
Tgt Ion: 62 Resp: 76926
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.050 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

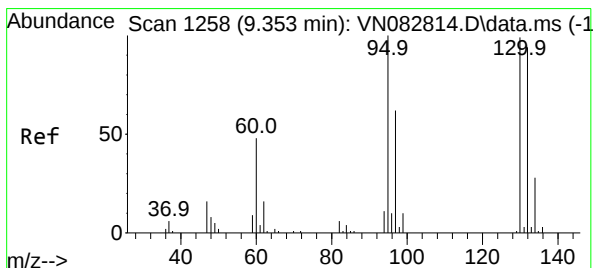
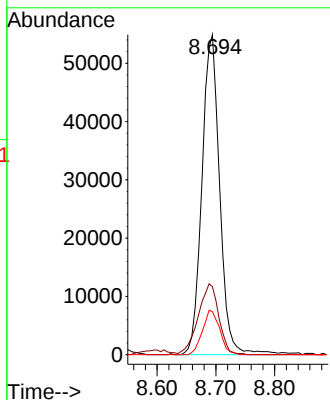
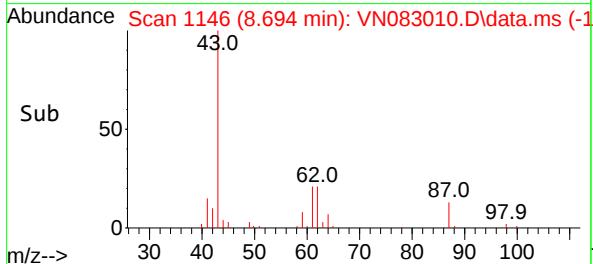
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 115430
Ion Ratio Lower Upper
43 100
61 25.6 17.8 26.6
87 13.5 8.2 12.2

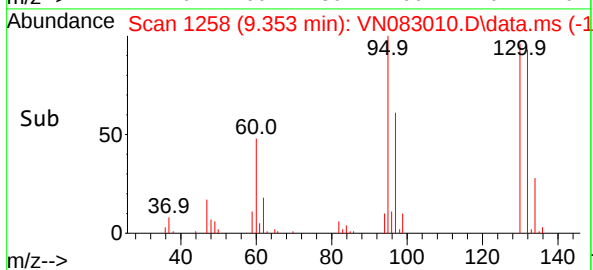
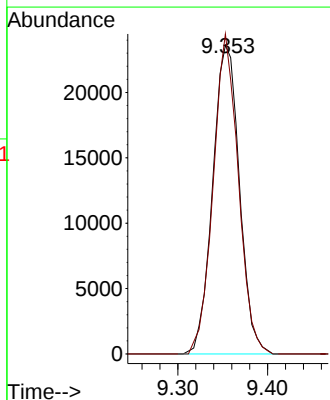
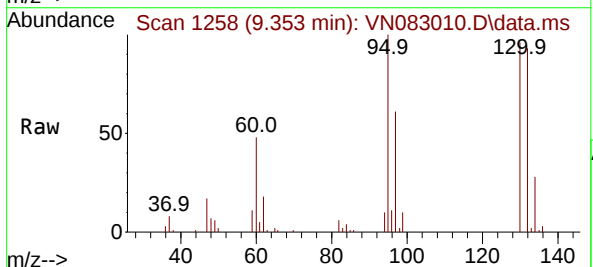
Manual Integrations
APPROVED

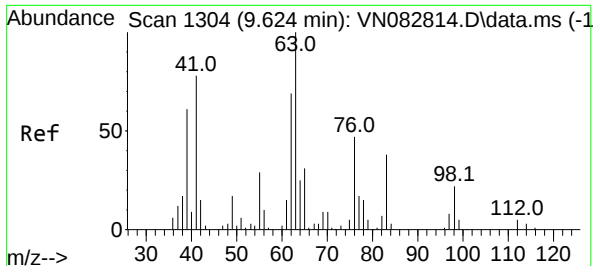
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#44
Trichloroethene
Concen: 50.671 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion:130 Resp: 48899
Ion Ratio Lower Upper
130 100
95 103.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 57.905 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5092

Ion Ratio Lower Upper

63 100

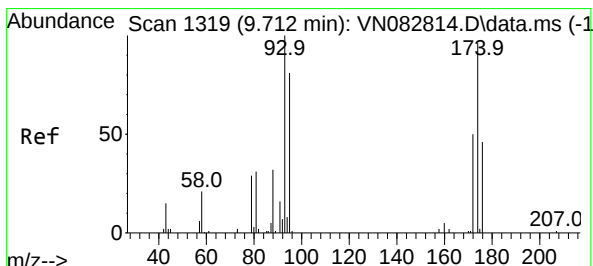
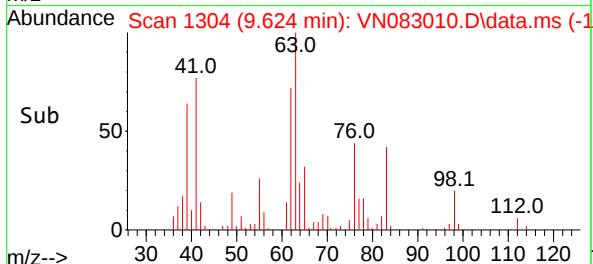
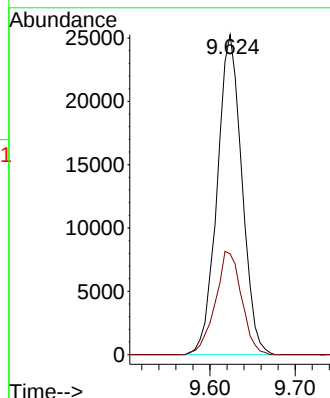
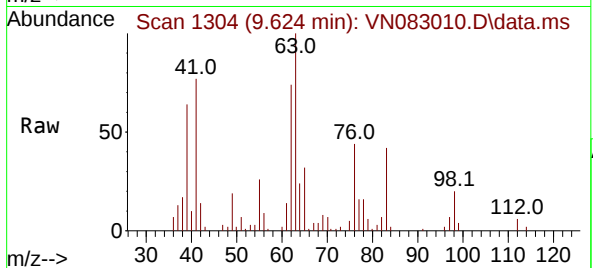
65 31.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#46

Dibromomethane

Concen: 56.369 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

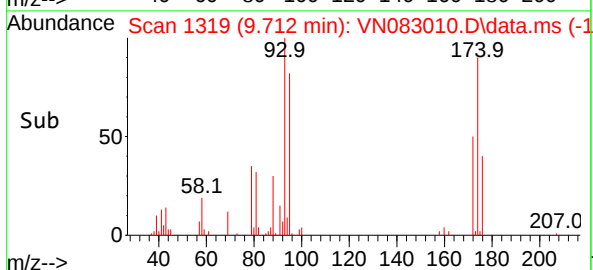
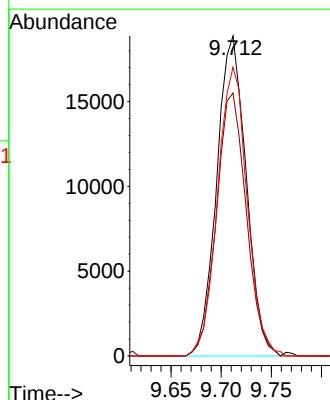
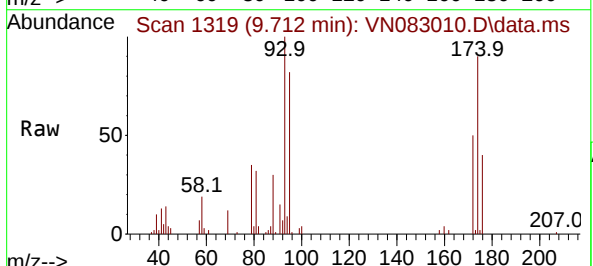
Tgt Ion: 93 Resp: 38618

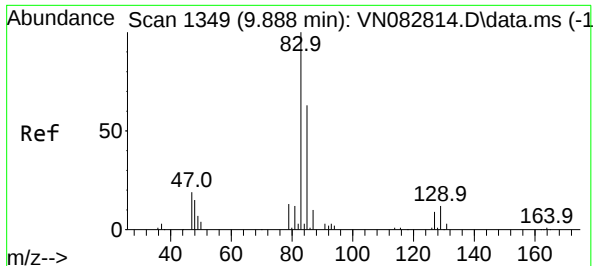
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 90.7 71.7 107.5





#47

Bromodichloromethane

Concen: 57.665 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

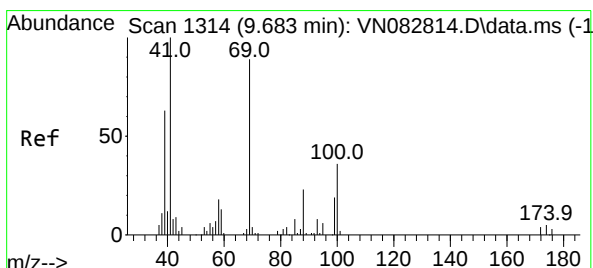
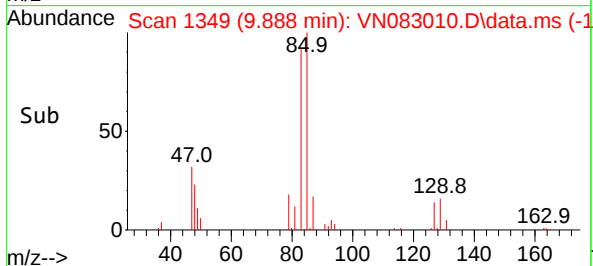
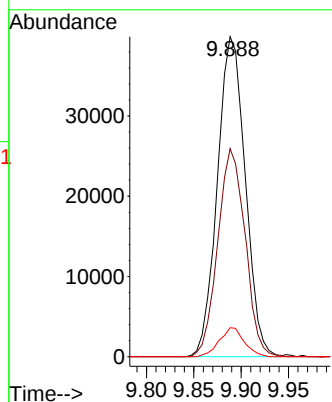
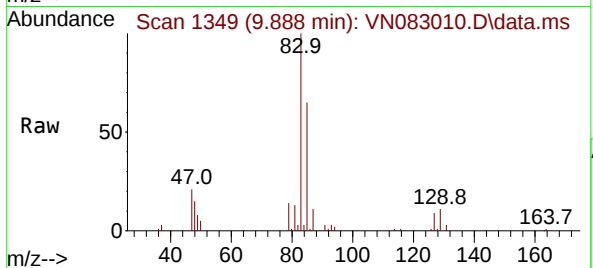
Tgt Ion:	83	Resp:	81628
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.1	76.7
127	9.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#48

Methyl methacrylate

Concen: 54.068 ug/l

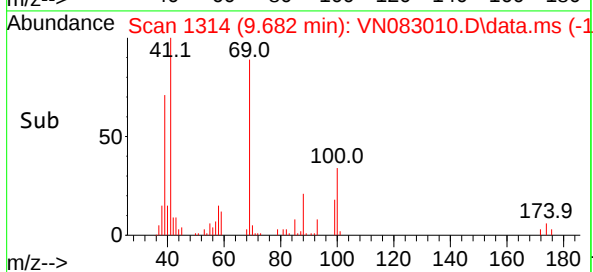
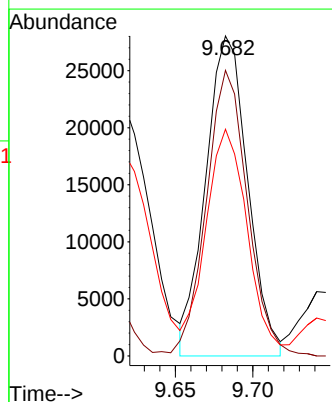
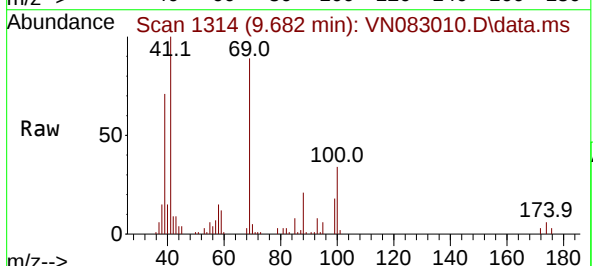
RT: 9.682 min Scan# 1314

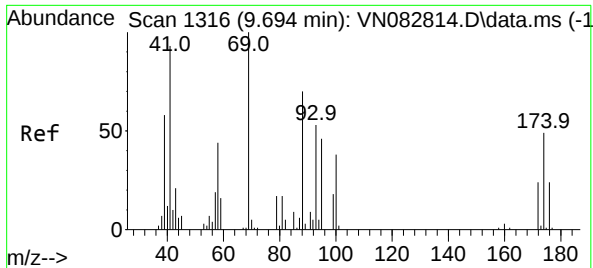
Delta R.T. 0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Tgt Ion:	41	Resp:	52854
Ion Ratio	Lower	Upper	
41	100		
69	87.5	56.3	84.5
39	70.1	50.3	75.5





#49

1,4-Dioxane

Concen: 1029.111 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2186

Ion Ratio Lower Upper

88 100

43 33.0 27.8 41.8

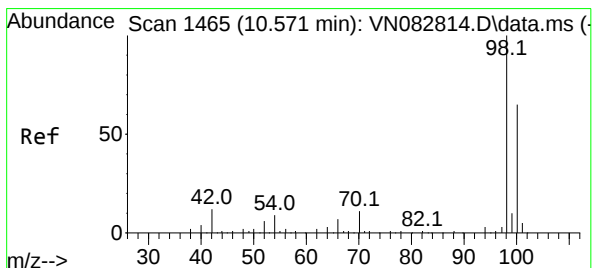
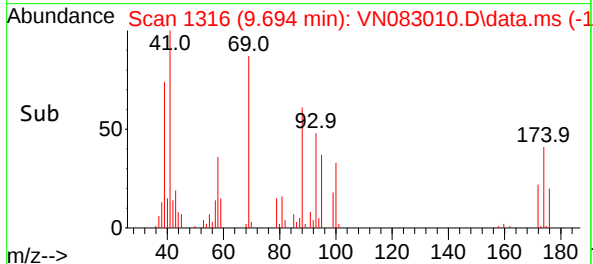
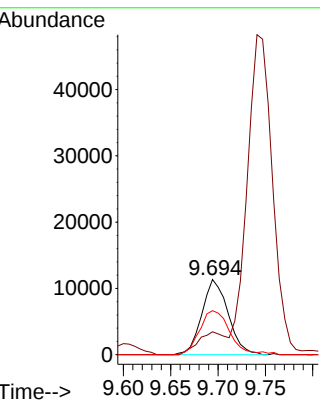
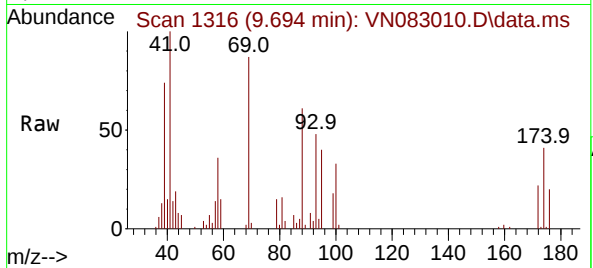
58 67.5 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#50

Toluene-d8

Concen: 46.123 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN083010.D

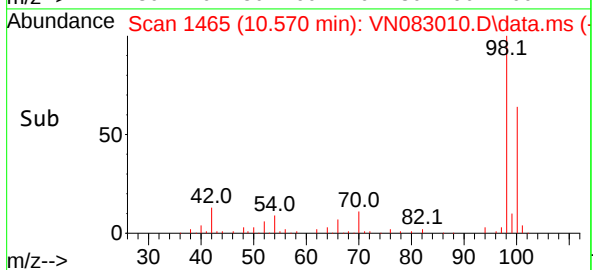
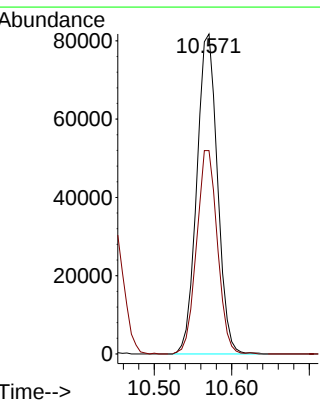
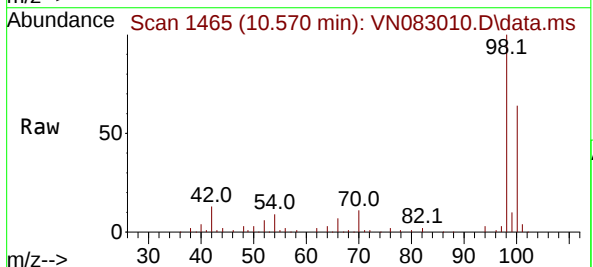
Acq: 23 Jul 2024 12:45

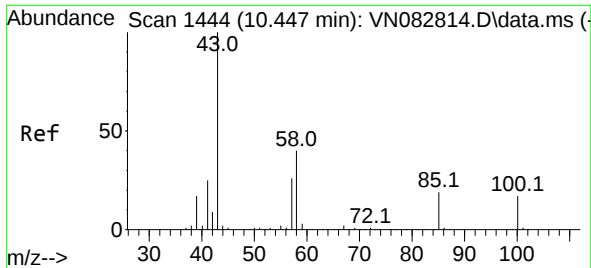
Tgt Ion: 98 Resp: 151302

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3





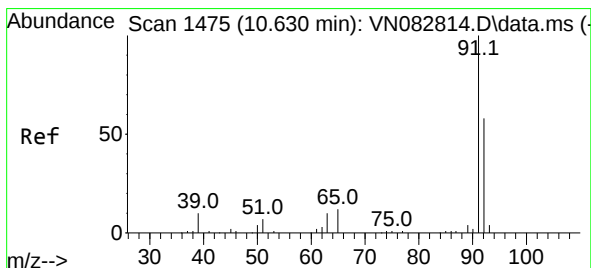
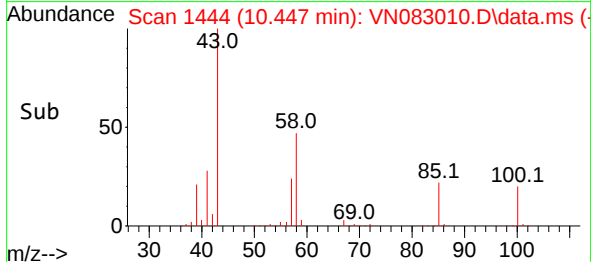
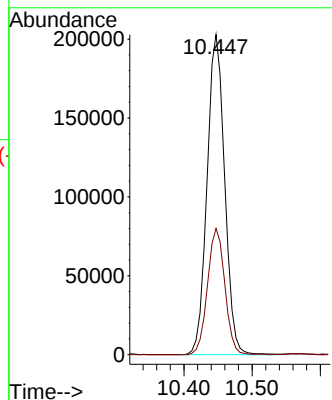
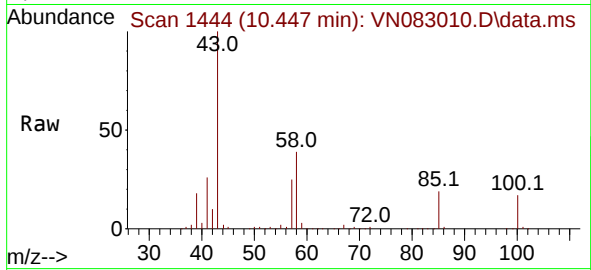
#51
4-Methyl-2-Pentanone
Concen: 294.695 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 364228
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4

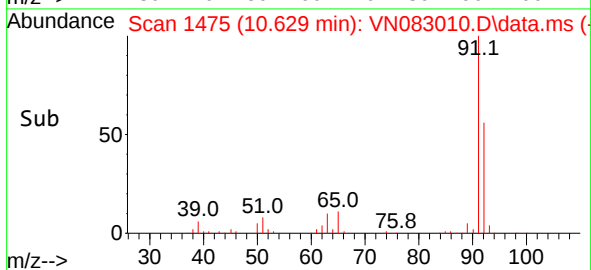
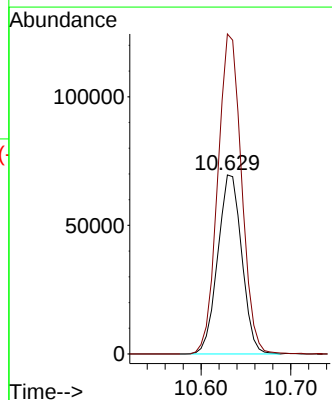
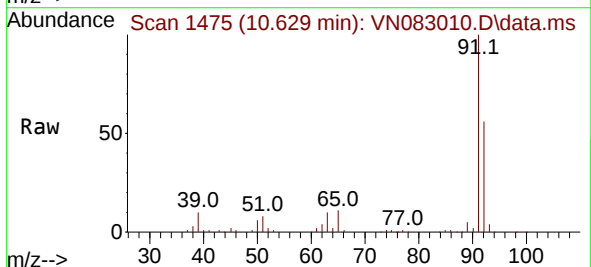
Manual Integrations
APPROVED

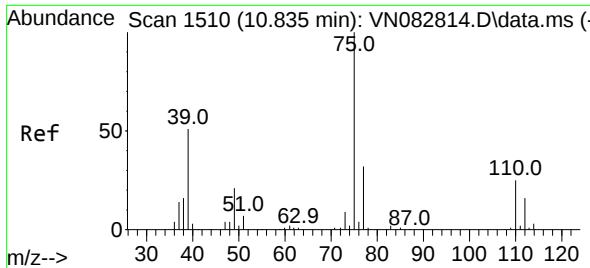
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#52
Toluene
Concen: 55.003 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 92 Resp: 129421
Ion Ratio Lower Upper
92 100
91 177.3 139.4 209.0





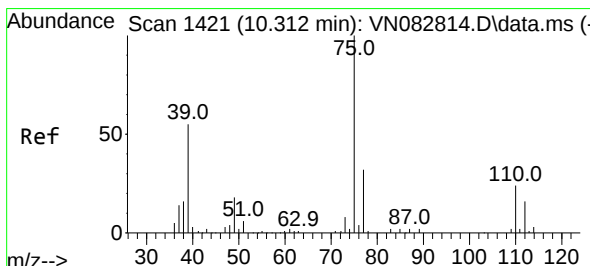
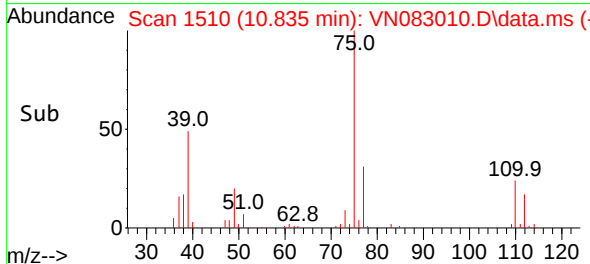
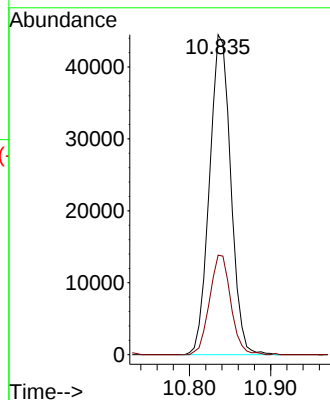
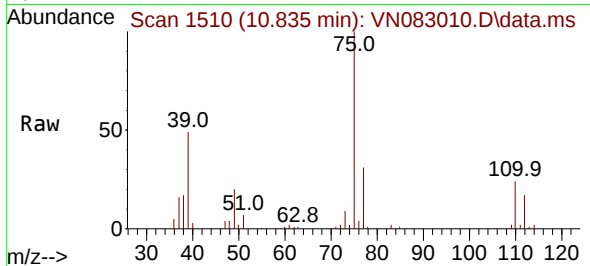
#53
 t-1,3-Dichloropropene
 Concen: 55.555 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 81014
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5

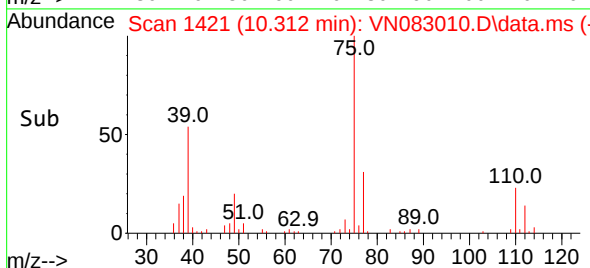
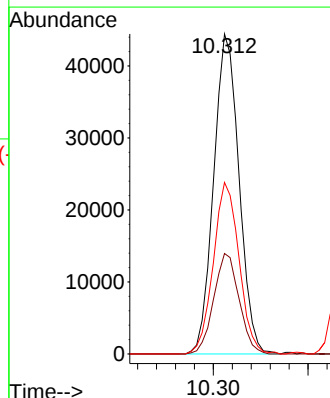
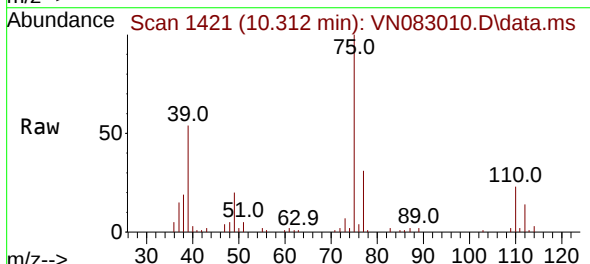
Manual Integrations
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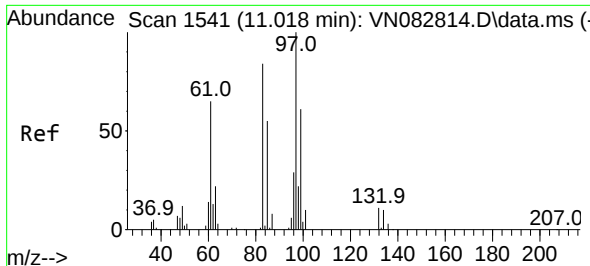
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#54
 cis-1,3-Dichloropropene
 Concen: 53.451 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

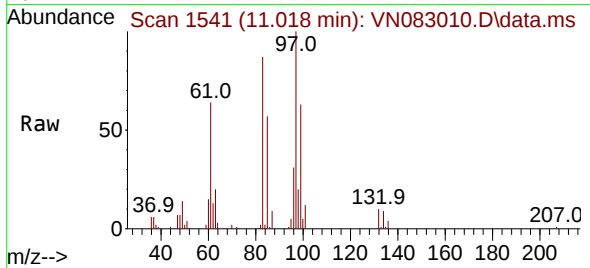
Tgt Ion: 75 Resp: 82505
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5
 39 53.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 60.455 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

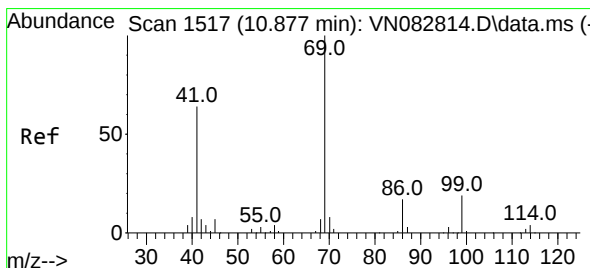
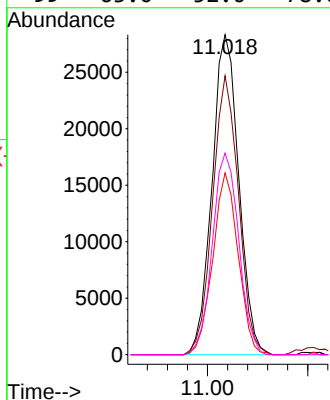
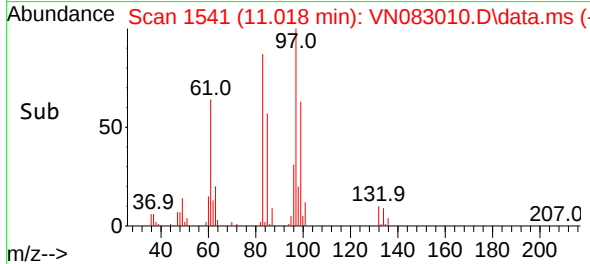
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



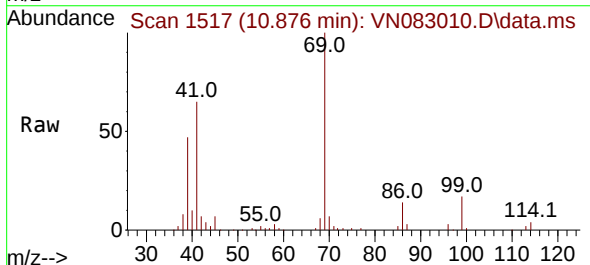
Tgt Ion:	97	Resp:	52308
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.4	107.0
85	56.8	45.8	68.6
99	63.0	52.0	78.0

Manual Integrations
APPROVED

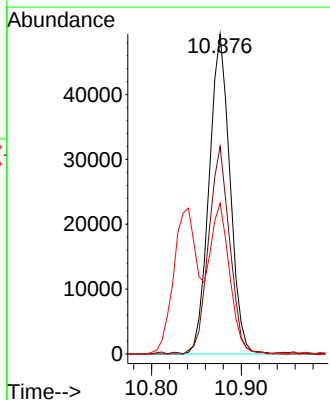
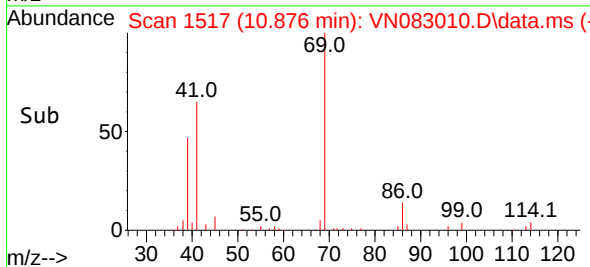
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

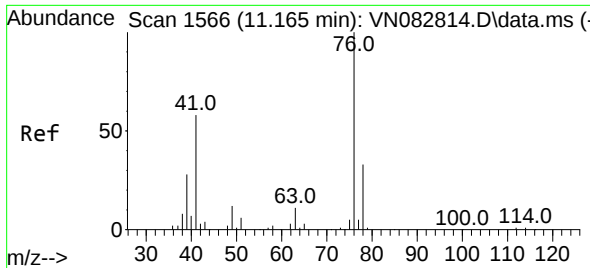


#56
Ethyl methacrylate
Concen: 58.989 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



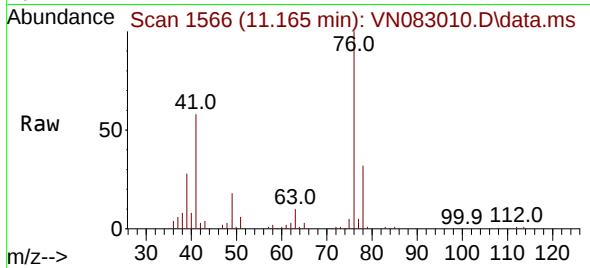
Tgt Ion:	69	Resp:	79407
Ion	Ratio	Lower	Upper
69	100		
41	65.8	63.4	95.2
39	43.5	37.4	56.0





#57
1,3-Dichloropropane
Concen: 57.415 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

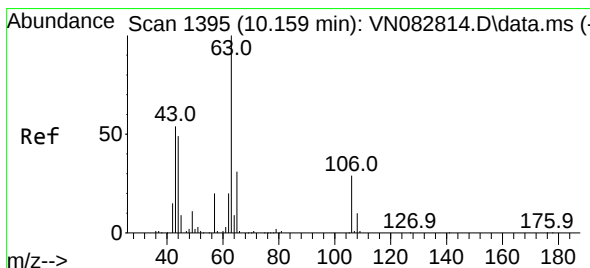
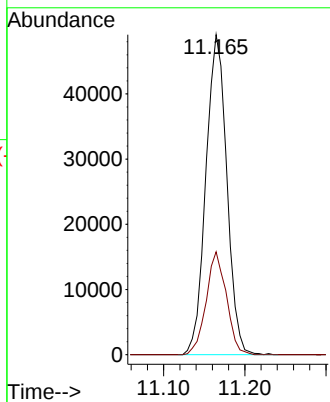
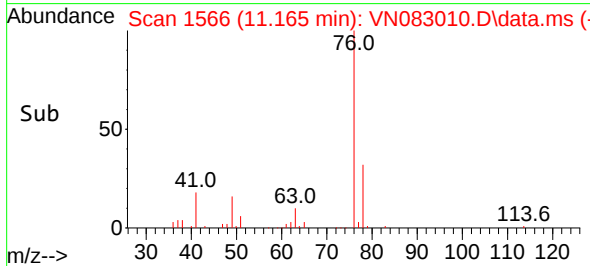
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 87938
Ion Ratio Lower Upper
76 100
78 31.1 25.6 38.4

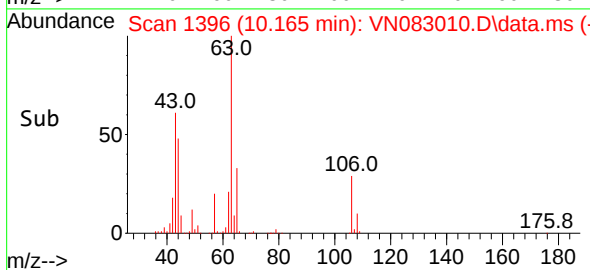
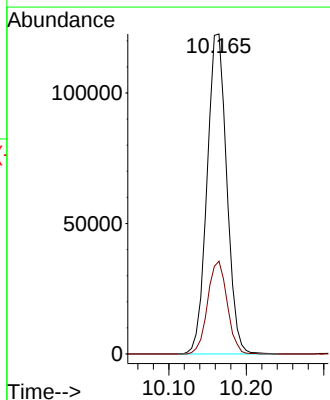
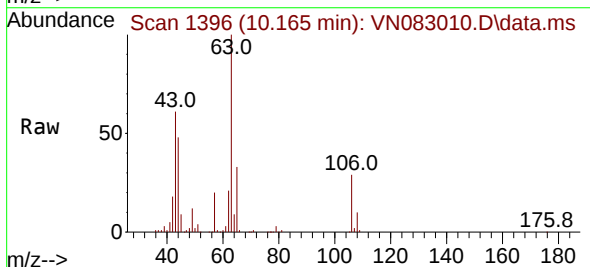
Manual Integrations
APPROVED

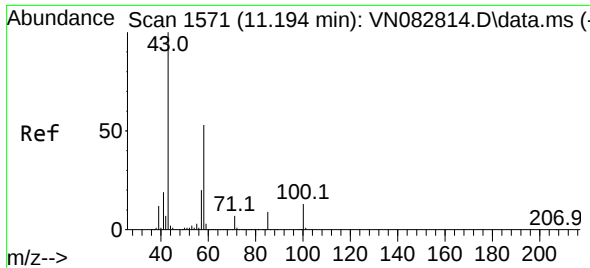
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 313.629 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

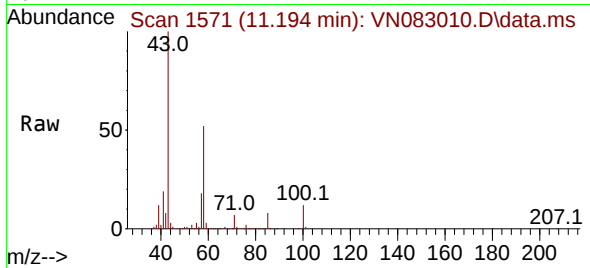
Tgt Ion: 63 Resp: 216634
Ion Ratio Lower Upper
63 100
106 28.7 21.4 32.0





#59
2-Hexanone
Concen: 307.663 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

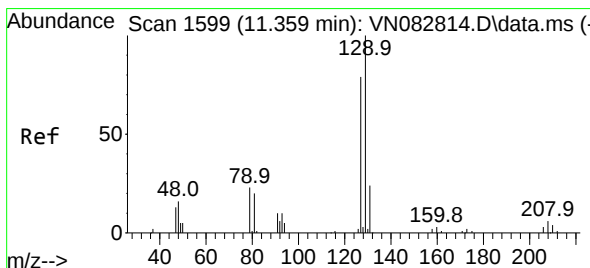
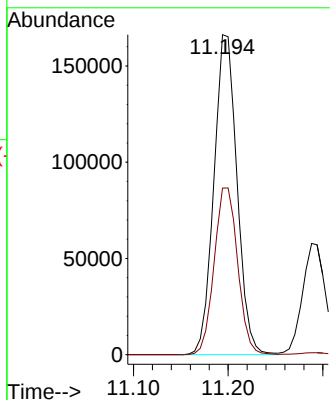
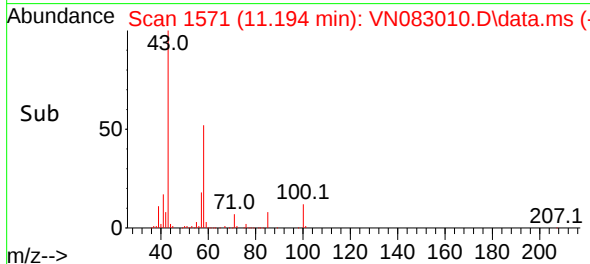
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 282714
Ion Ratio Lower Upper
43 100
58 52.9 24.6 73.8

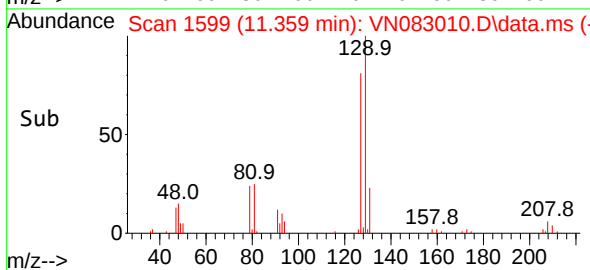
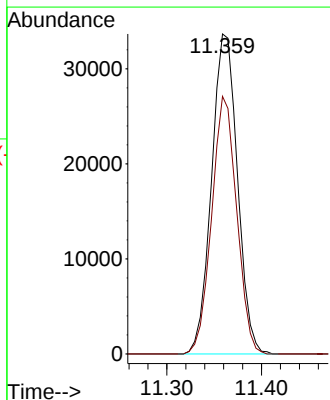
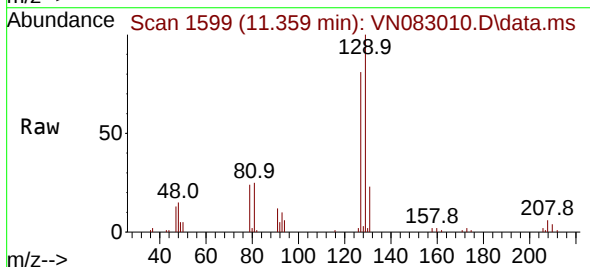
Manual Integrations
APPROVED

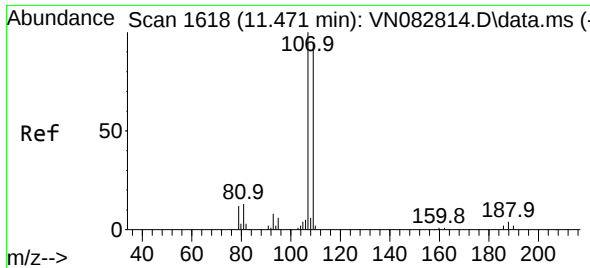
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#60
Dibromochloromethane
Concen: 58.159 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion:129 Resp: 64092
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





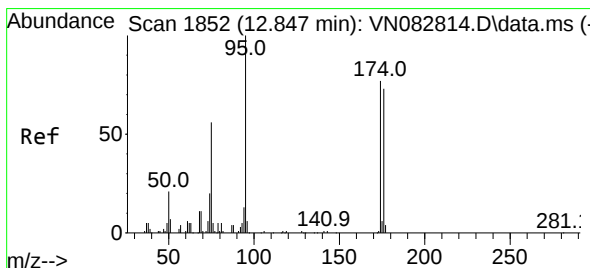
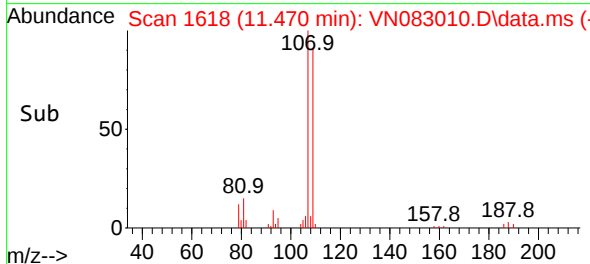
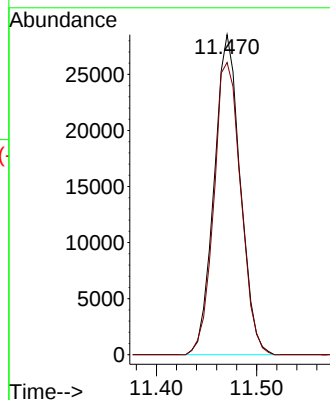
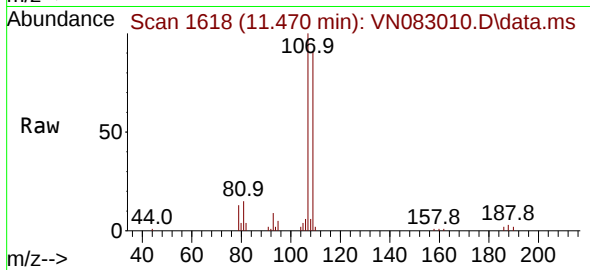
#61
1,2-Dibromoethane
Concen: 56.053 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 51504
Ion Ratio Lower Upper
107 100
109 94.3 73.7 110.5

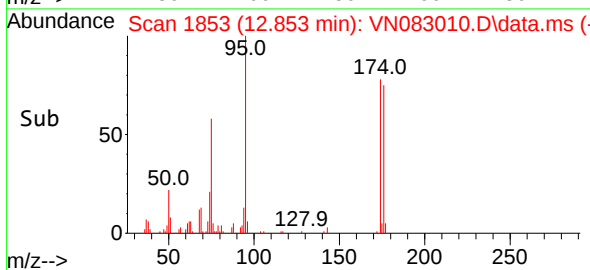
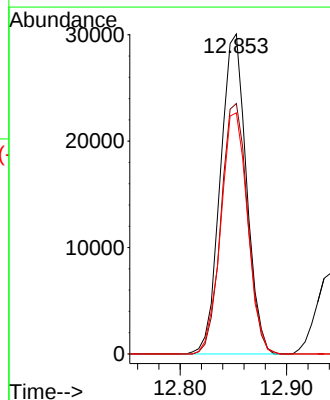
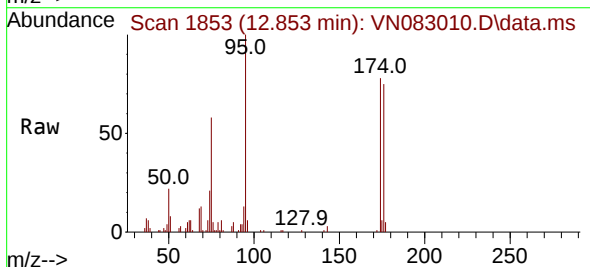
Manual Integrations
APPROVED

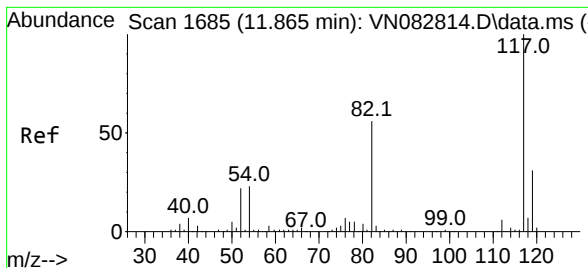
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#62
4-Bromofluorobenzene
Concen: 43.344 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 95 Resp: 51075
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 77.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 13225

Ion Ratio Lower Upper

117 100

82 55.2 47.5 71.3

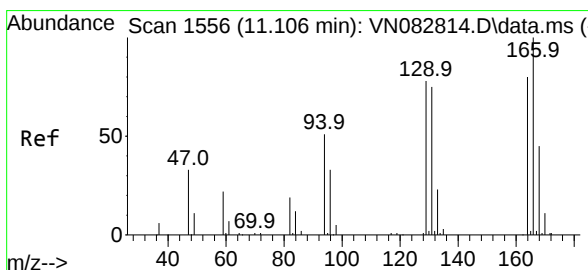
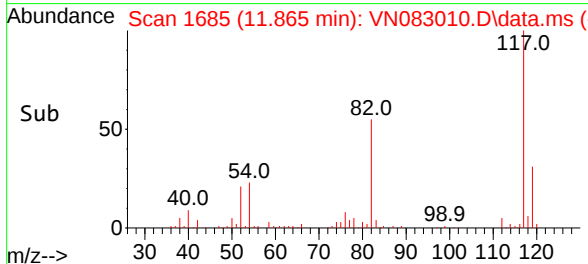
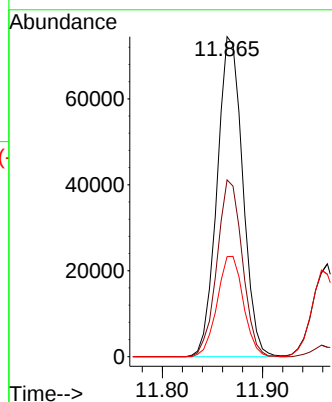
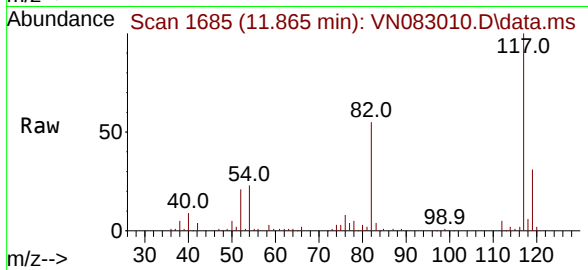
119 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#64

Tetrachloroethene

Concen: 46.950 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Tgt Ion:164 Resp: 46325

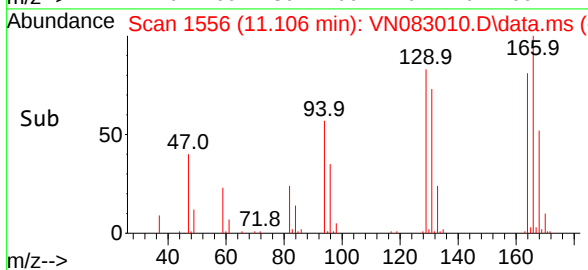
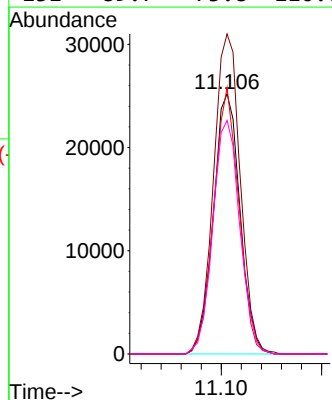
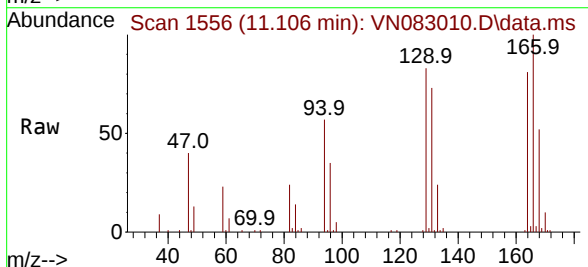
Ion Ratio Lower Upper

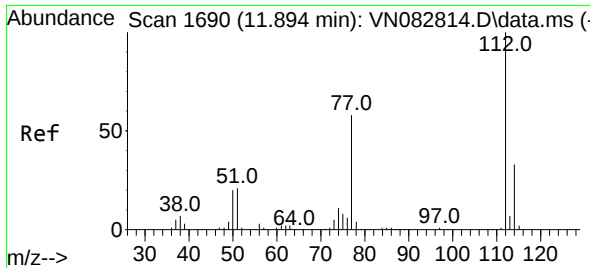
164 100

166 123.0 101.4 152.0

129 102.3 75.7 113.5

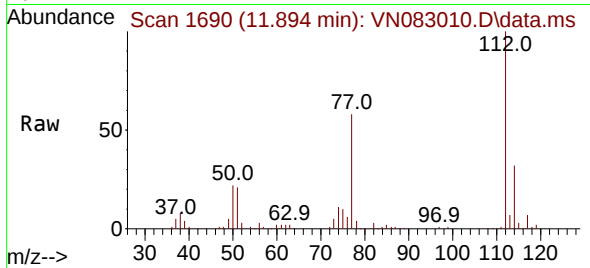
131 89.7 73.8 110.6





#65
Chlorobenzene
Concen: 51.570 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

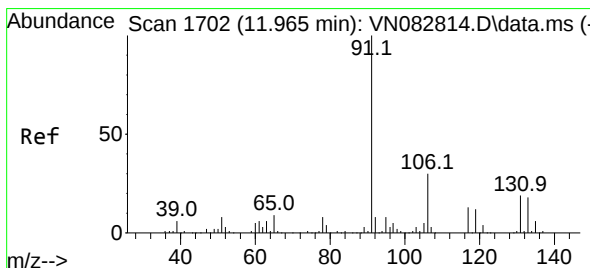
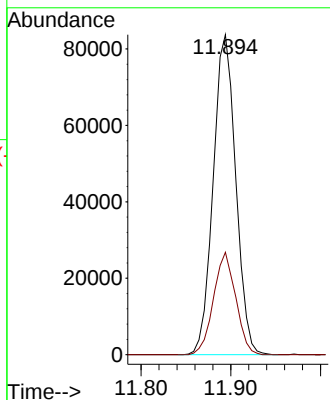
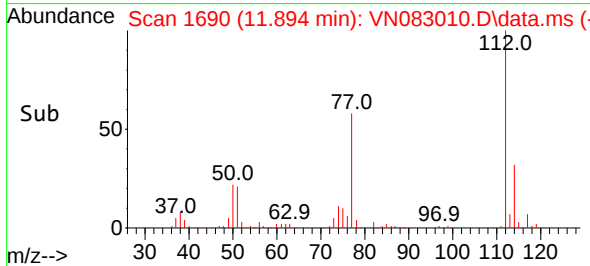
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



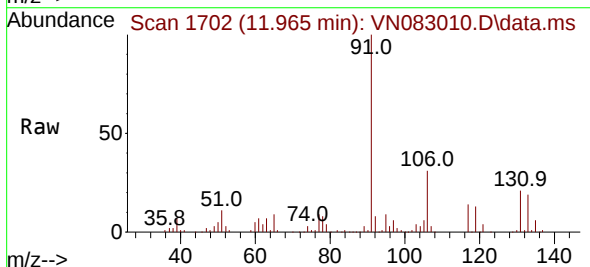
Tgt Ion:112 Resp: 146145
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

Manual Integrations
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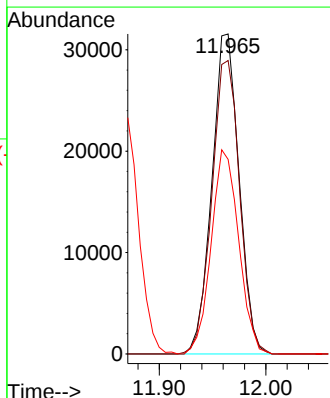
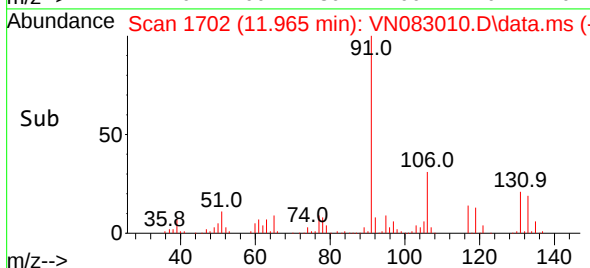
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

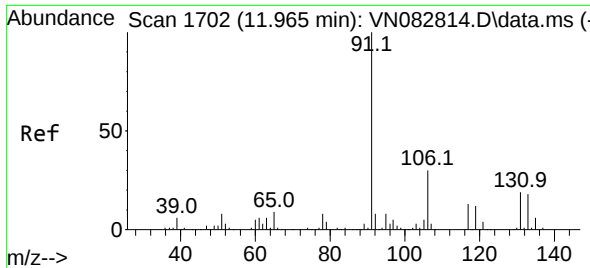


#66
1,1,1,2-Tetrachloroethane
Concen: 55.352 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion:131 Resp: 55796
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 64.7 32.5 97.4





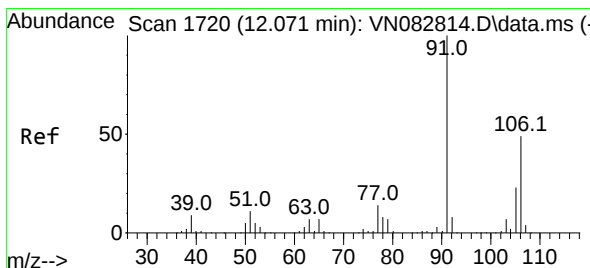
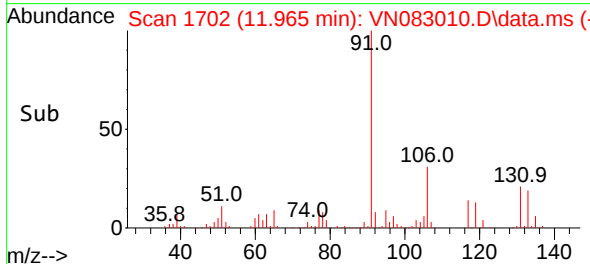
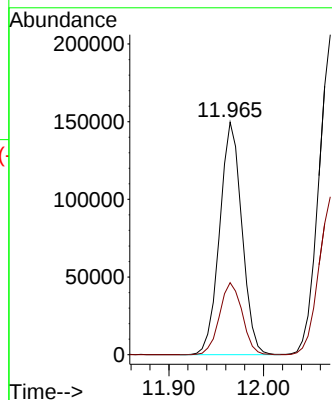
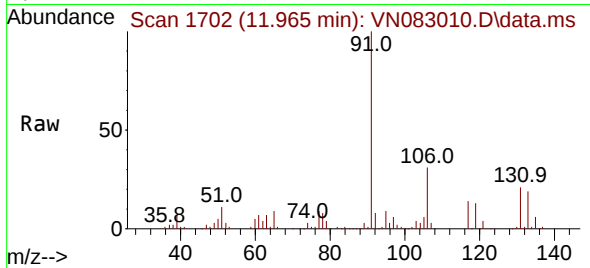
#67
Ethyl Benzene
Concen: 51.348 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 244572
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0

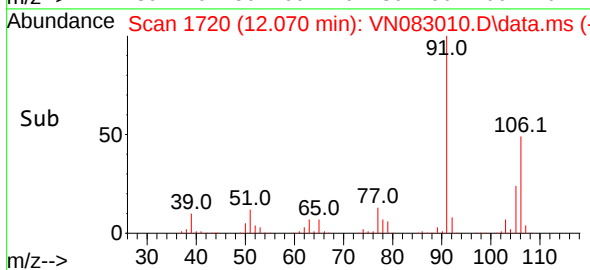
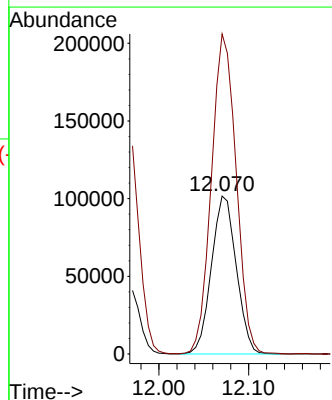
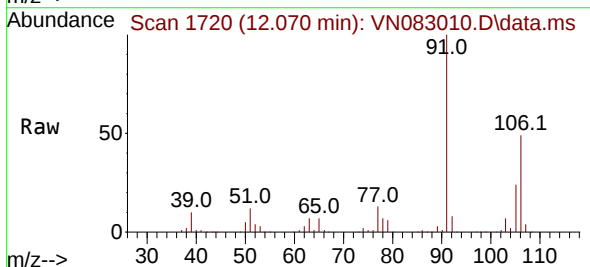
Manual Integrations
APPROVED

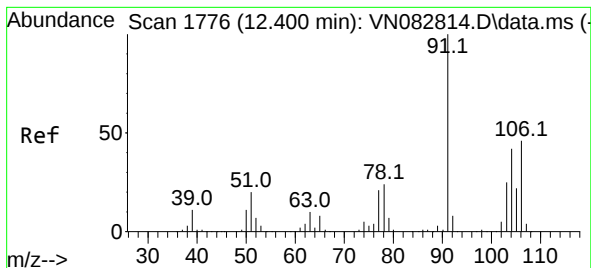
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#68
m/p-Xylenes
Concen: 108.659 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion:106 Resp: 195391
Ion Ratio Lower Upper
106 100
91 202.3 166.1 249.1





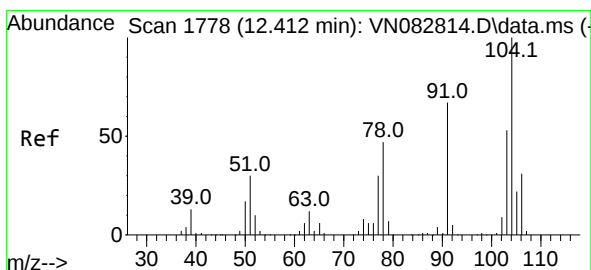
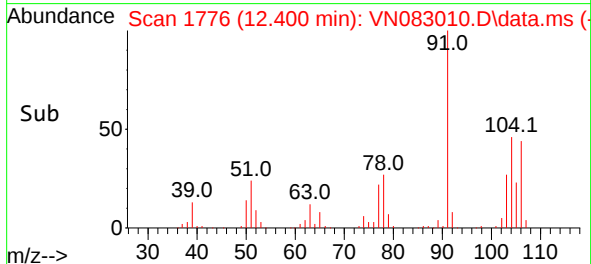
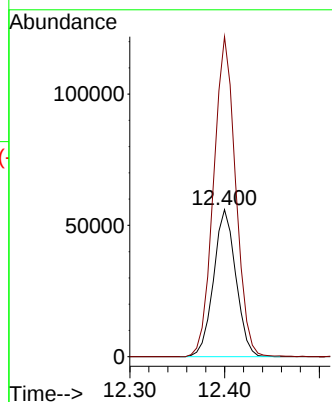
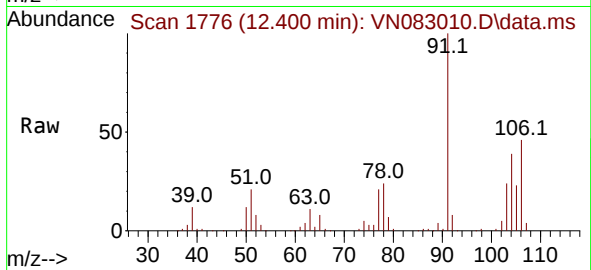
#69
o-Xylene
Concen: 53.065 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9143
Ion Ratio Lower Upper
106 100
91 215.8 111.3 333.9

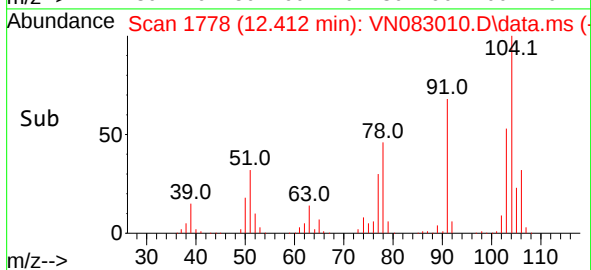
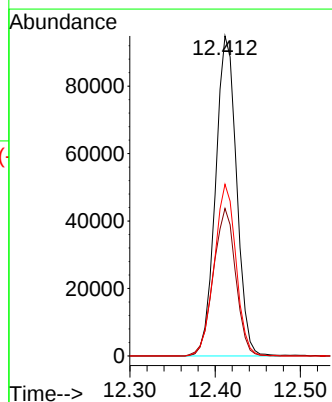
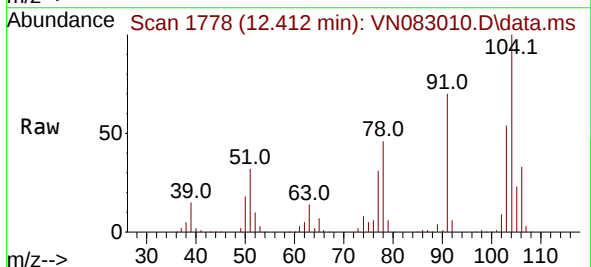
Manual Integrations
APPROVED

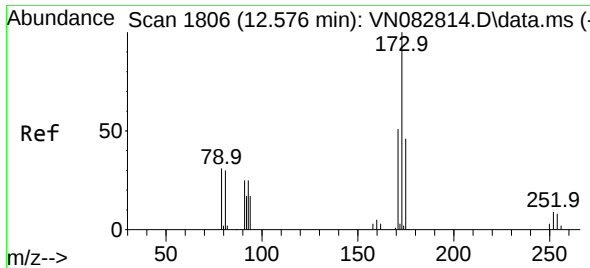
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#70
Styrene
Concen: 57.073 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

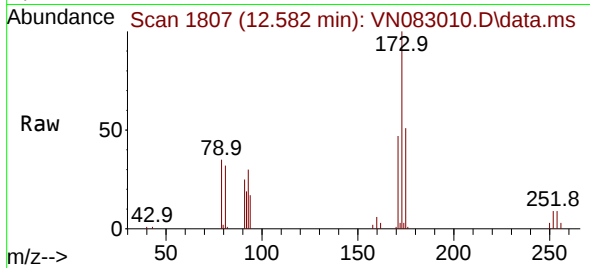
Tgt Ion:104 Resp: 162483
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 55.6 44.0 66.0





#71
Bromoform
Concen: 54.442 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

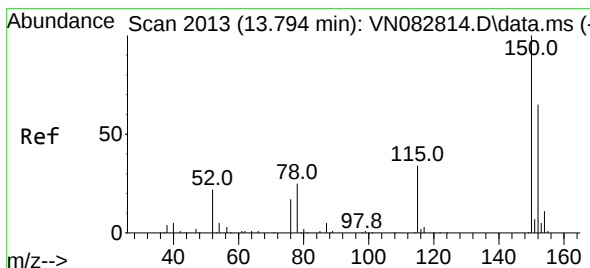
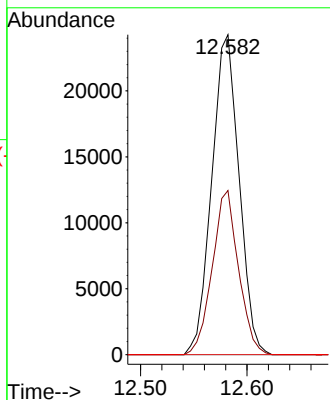
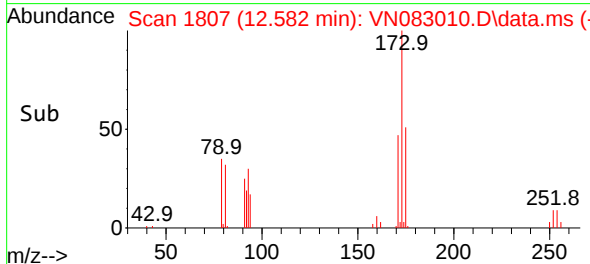
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



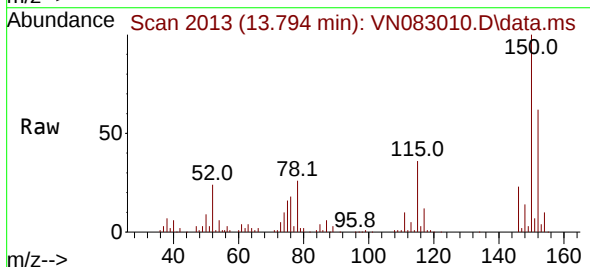
Tgt Ion:173 Resp: 43159
Ion Ratio Lower Upper
173 100
175 49.3 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
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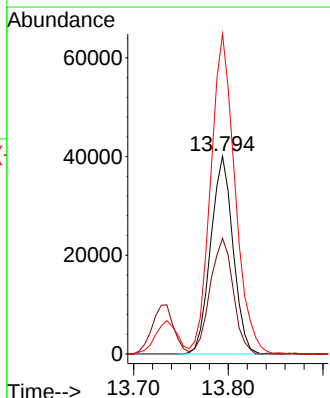
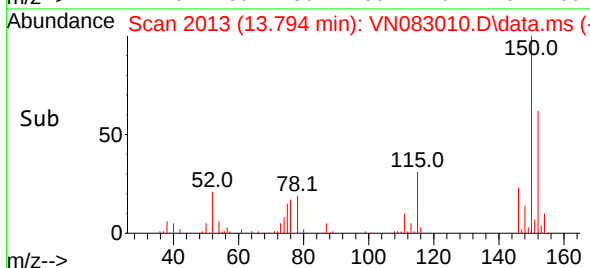
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

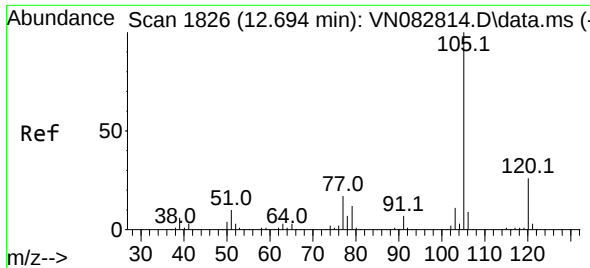


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion:152 Resp: 65602
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 176.0 0.0 348.6





#73
Isopropylbenzene
Concen: 49.197 ug/l
RT: 12.700 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

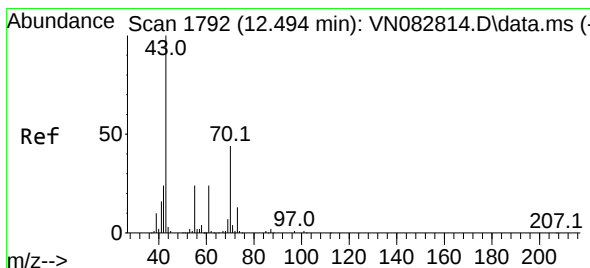
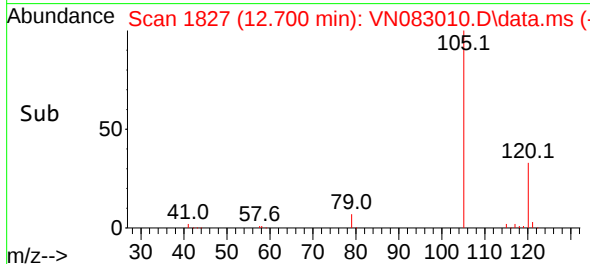
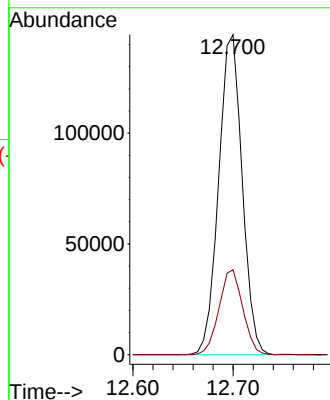
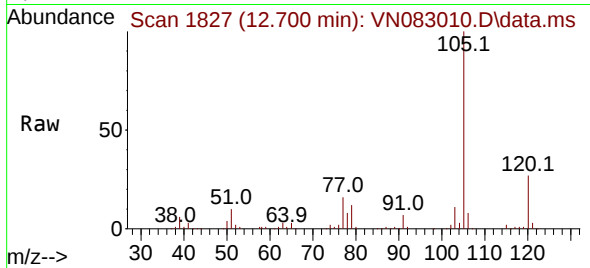
Tgt Ion:105 Resp: 23451
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

Manual Integrations

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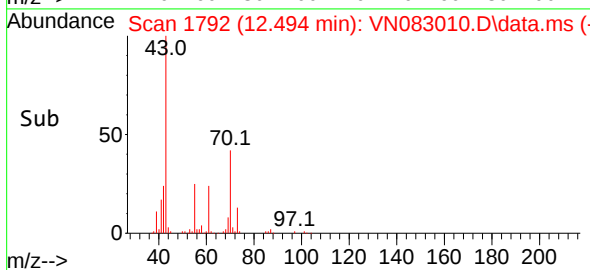
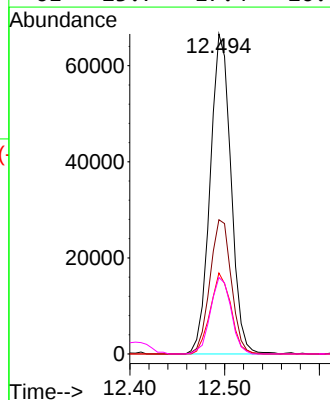
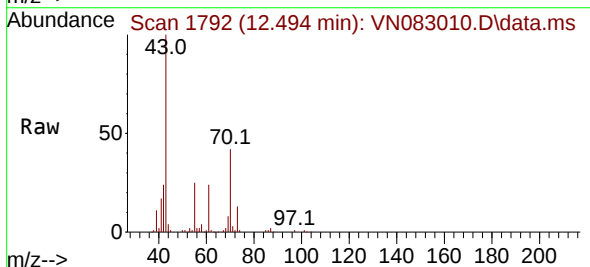
Reviewed By :John Carlone 07/24/2024

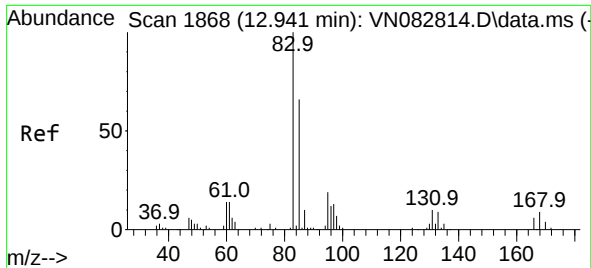
Supervised By :Mahesh Dadoda 07/24/2024



#74
N-ethyl acetate
Concen: 51.590 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

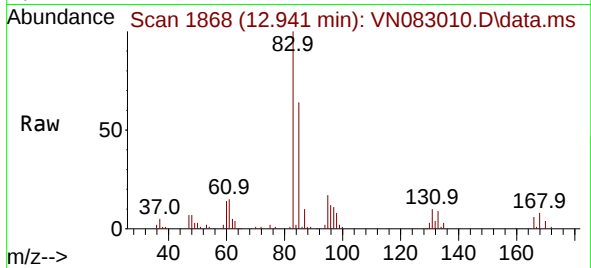
Tgt Ion: 43 Resp: 101724
Ion Ratio Lower Upper
43 100
70 43.0 29.8 44.6
55 25.1 18.7 28.1
61 23.7 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 53.485 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

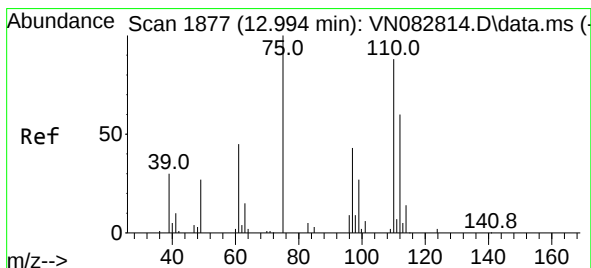
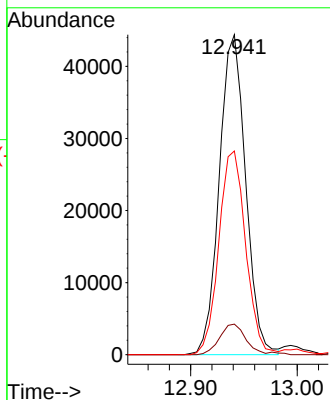
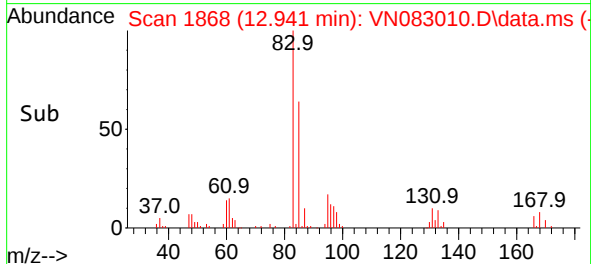
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 76358
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.7 31.9 95.7

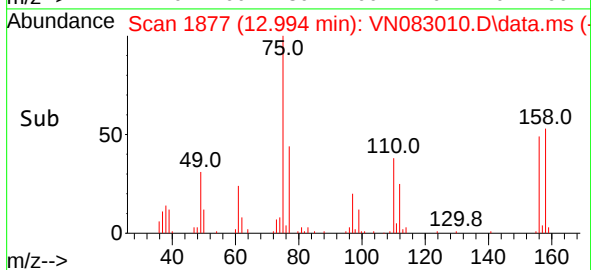
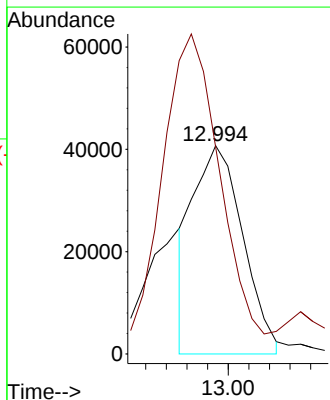
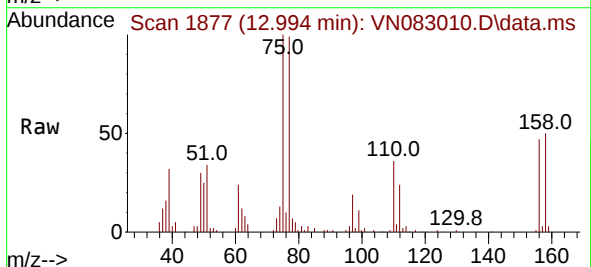
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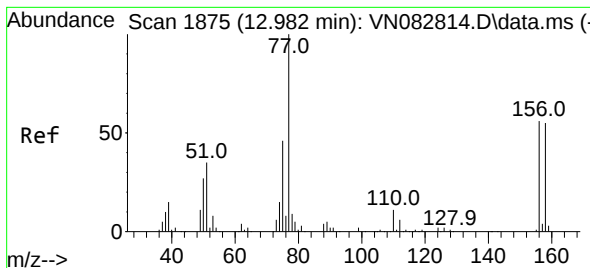
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#76
1,2,3-Trichloropropane
Concen: 60.267 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Tgt Ion: 75 Resp: 68163
Ion Ratio Lower Upper
75 100
77 182.1 110.9 332.6





#77

Bromobenzene

Concen: 48.312 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

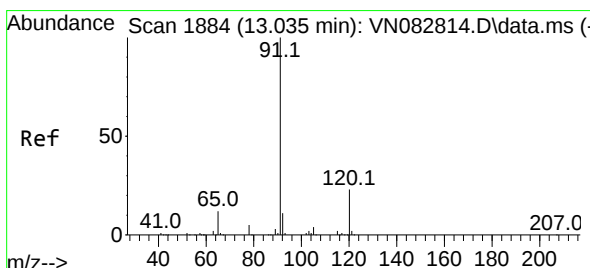
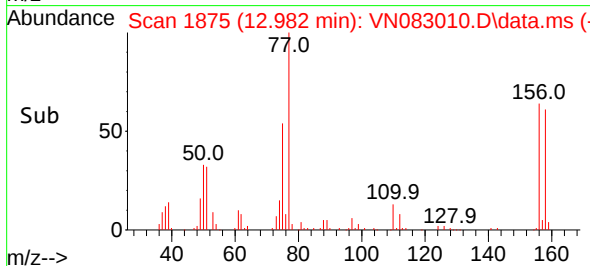
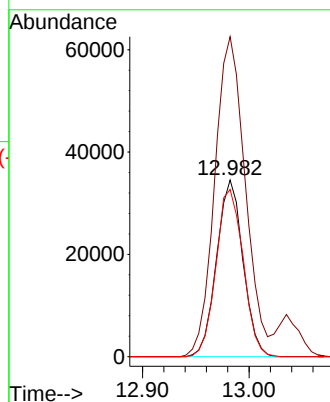
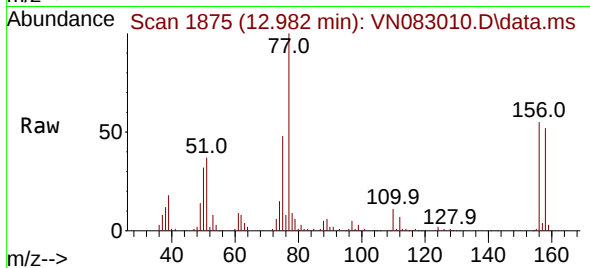
Tgt Ion:156 Resp: 5941
 Ion Ratio Lower Upper
 156 100
 77 208.9 111.3 333.8
 158 97.7 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#78

n-propylbenzene

Concen: 52.198 ug/l

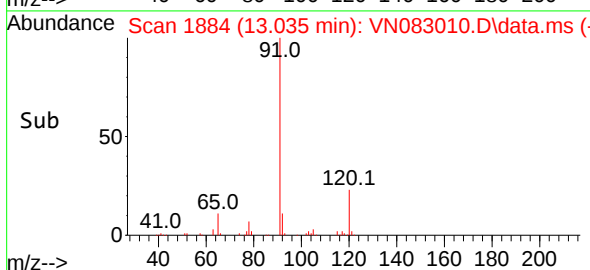
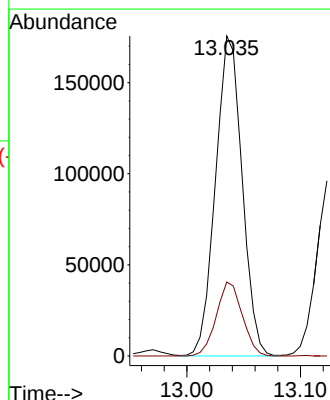
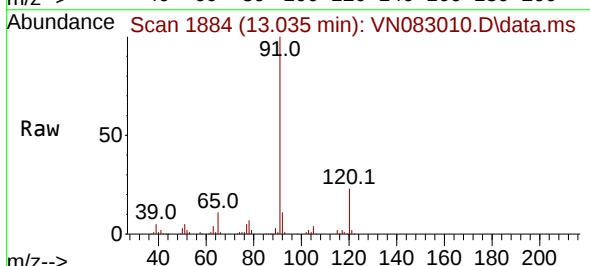
RT: 13.035 min Scan# 1884

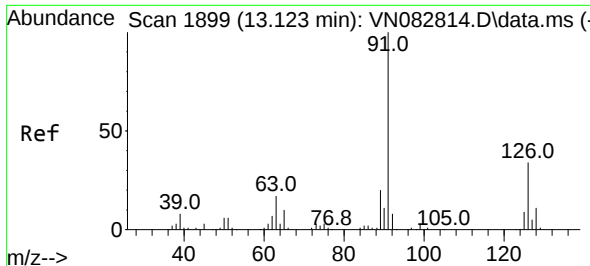
Delta R.T. 0.000 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Tgt Ion: 91 Resp: 286090
 Ion Ratio Lower Upper
 91 100
 120 22.5 10.9 32.9





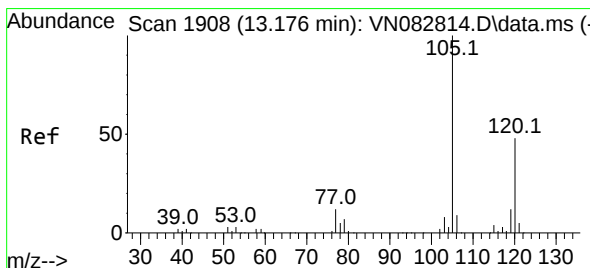
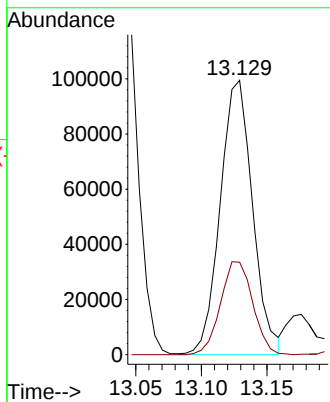
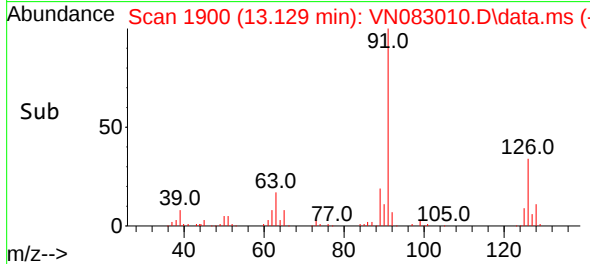
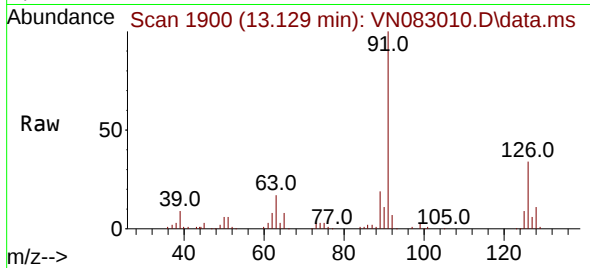
#79
2-Chlorotoluene
Concen: 48.950 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17094
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

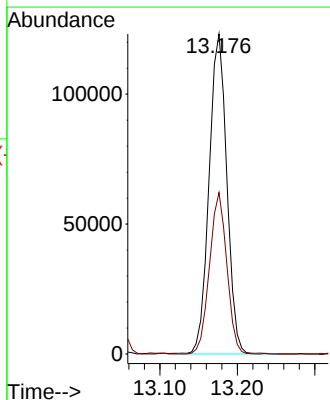
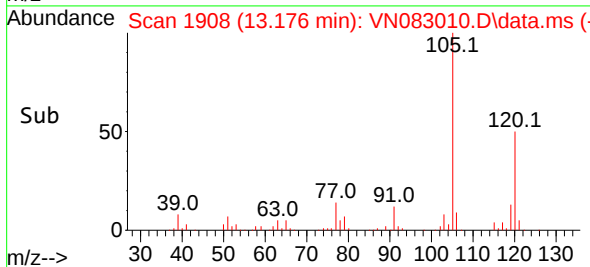
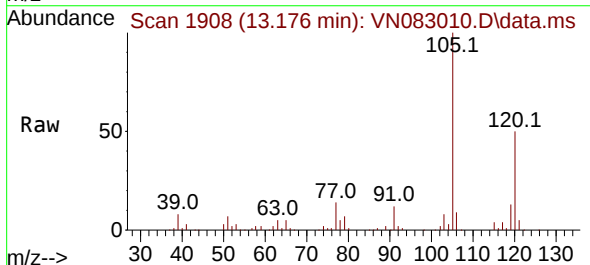
Manual Integrations
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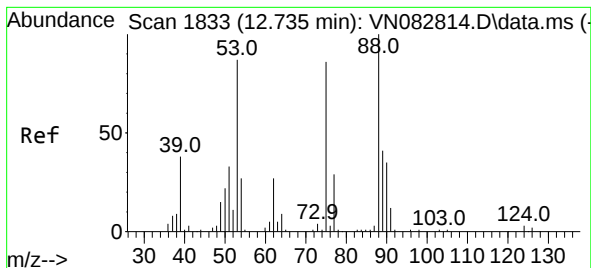
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.819 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

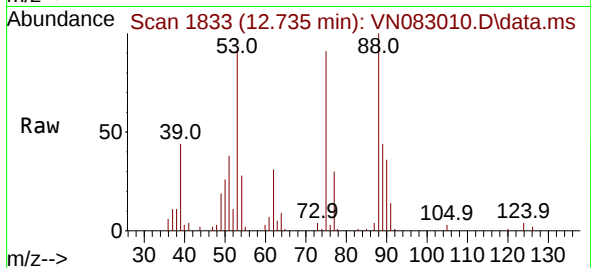
Tgt Ion:105 Resp: 195817
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.151 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

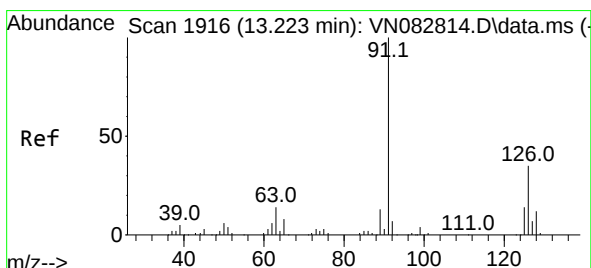
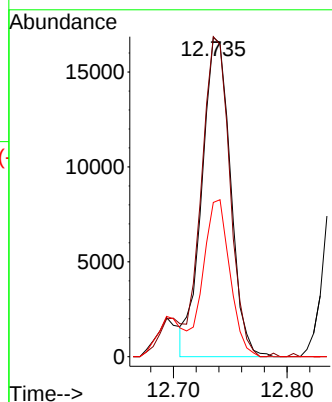
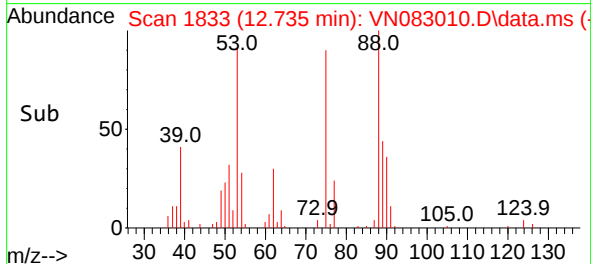
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



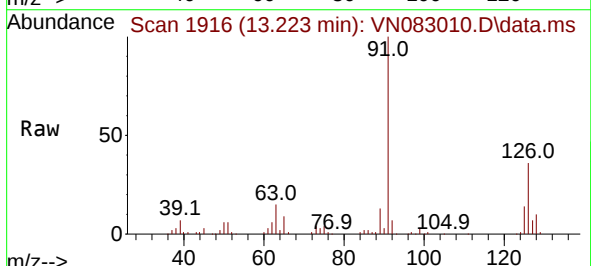
Tgt Ion: 75 Resp: 29410
Ion Ratio Lower Upper
75 100
53 108.7 88.4 132.6
89 45.7 36.3 54.5

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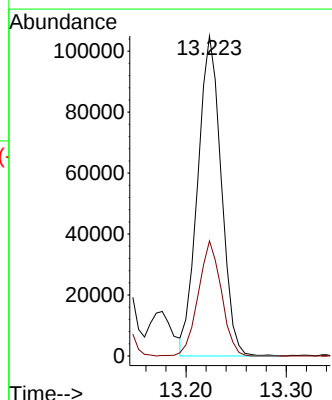
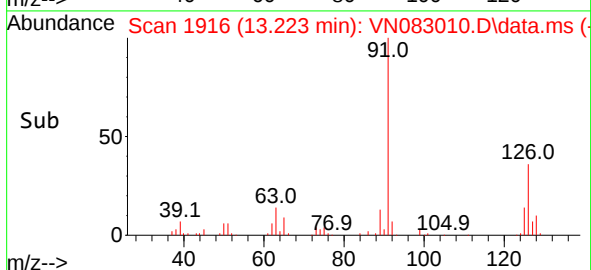
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

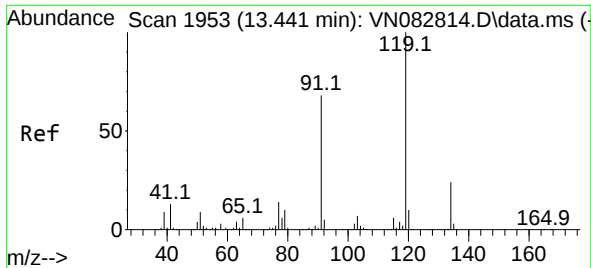


#82
4-Chlorotoluene
Concen: 49.552 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



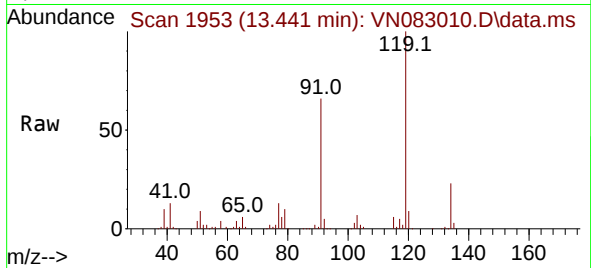
Tgt Ion: 91 Resp: 171280
Ion Ratio Lower Upper
91 100
126 35.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 48.425 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

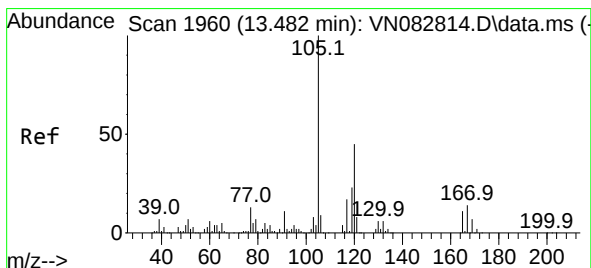
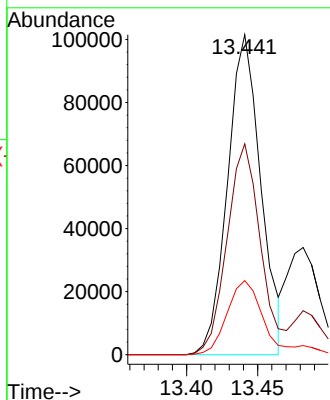
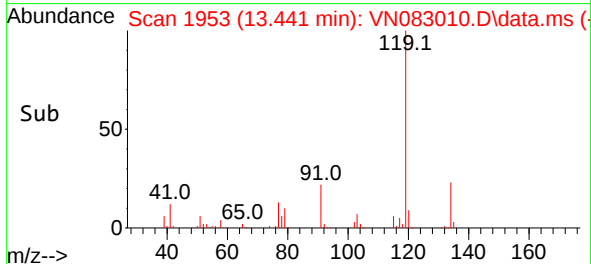
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



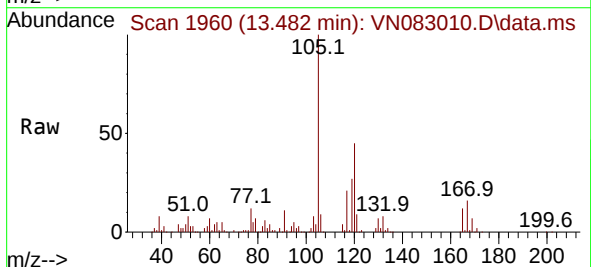
Tgt Ion:119 Resp: 16542
Ion Ratio Lower Upper
119 100
91 67.0 35.0 105.1
134 26.3 13.3 39.8

Manual Integrations
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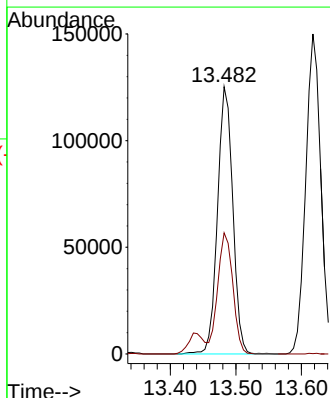
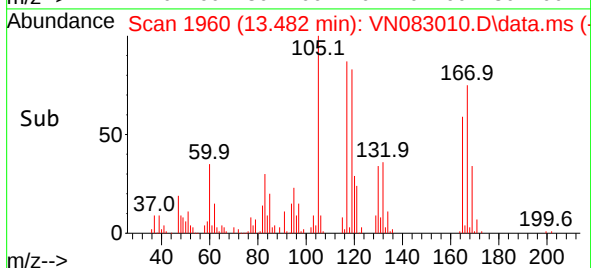
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

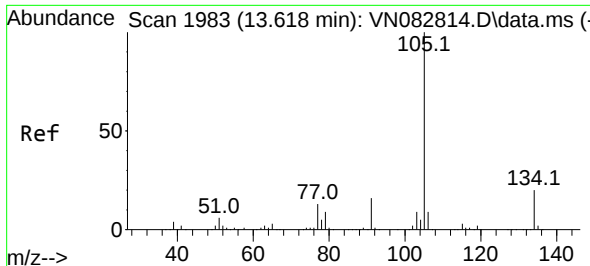


#84
1,2,4-Trimethylbenzene
Concen: 51.365 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion:105 Resp: 201728
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





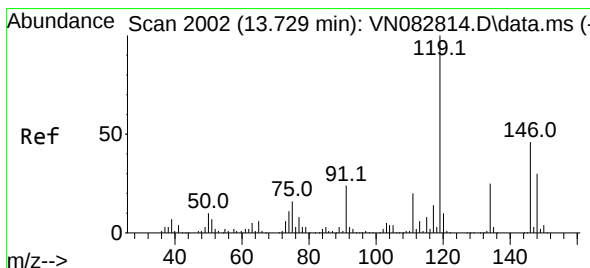
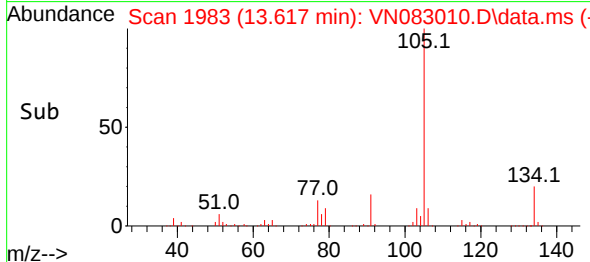
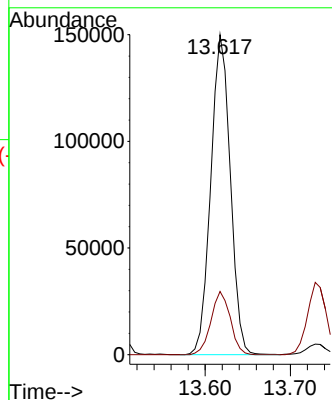
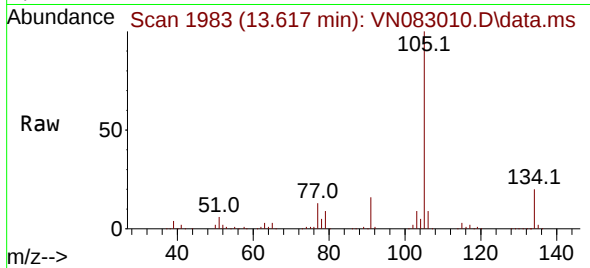
#85
 sec-Butylbenzene
 Concen: 51.695 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 23863
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

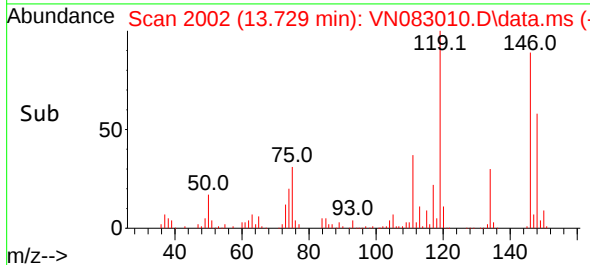
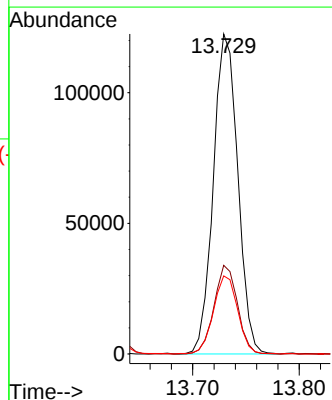
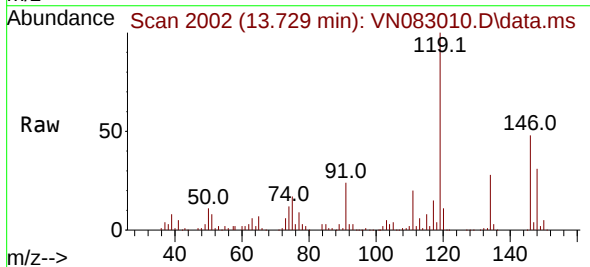
Manual Integrations
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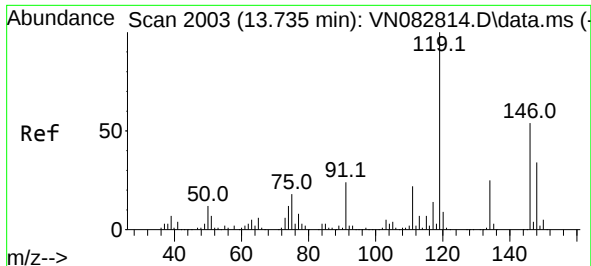
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#86
 p-Isopropyltoluene
 Concen: 50.702 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083010.D
 Acq: 23 Jul 2024 12:45

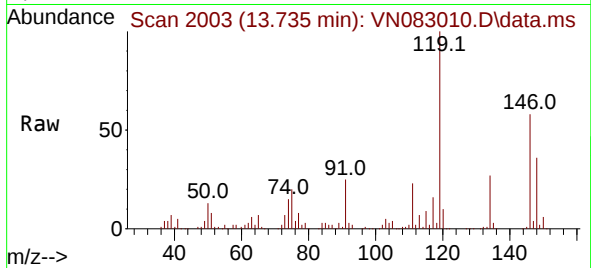
Tgt Ion:119 Resp: 195276
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 24.3 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 49.727 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

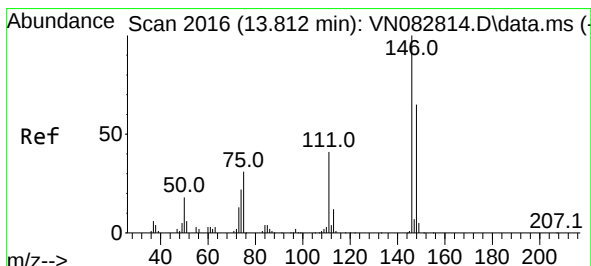
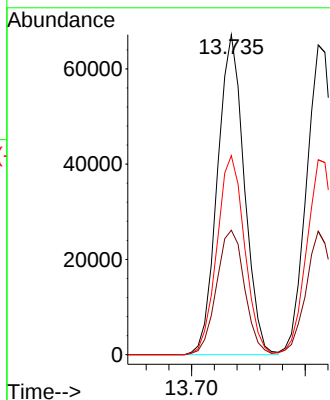
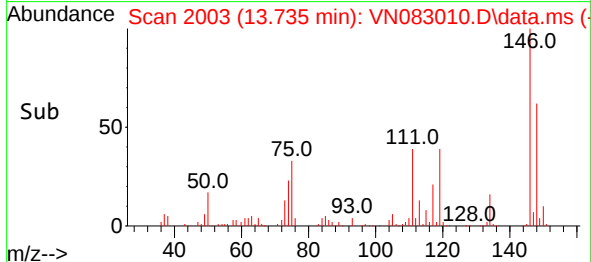
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



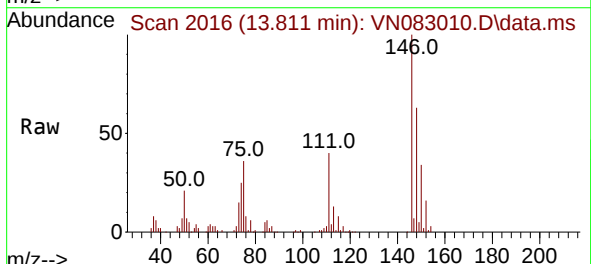
Tgt Ion:146 Resp: 110472
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 64.0 31.8 95.3

Manual Integrations
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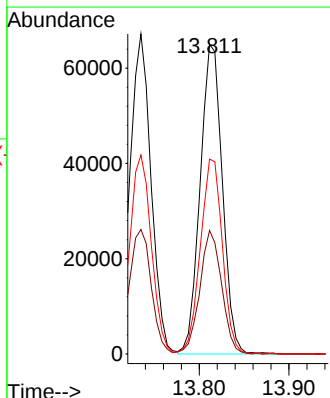
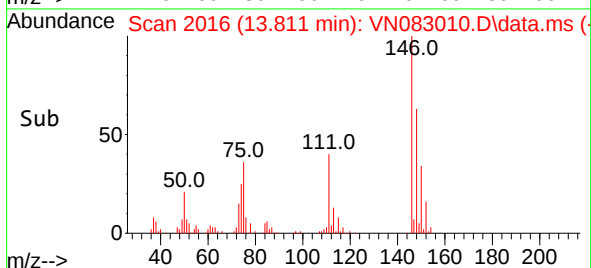
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

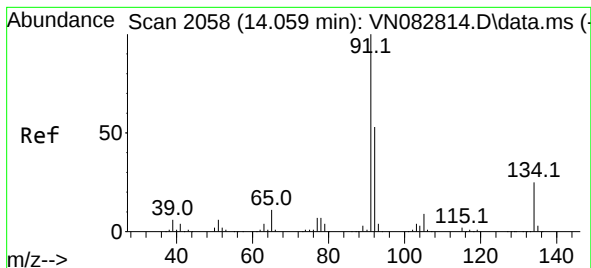


#88
1,4-Dichlorobenzene
Concen: 48.665 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion:146 Resp: 111808
Ion Ratio Lower Upper
146 100
111 39.1 20.1 60.3
148 62.6 32.2 96.6





#89

n-Butylbenzene

Concen: 50.930 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN083010.D

Acq: 23 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 168049

Ion Ratio Lower Upper

91 100

92 50.1 26.1 78.3

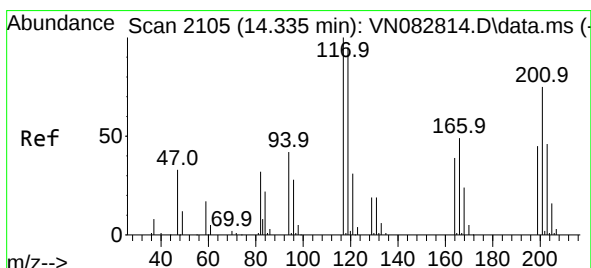
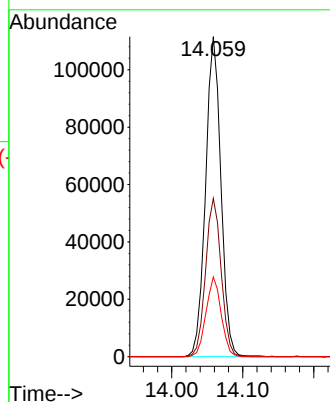
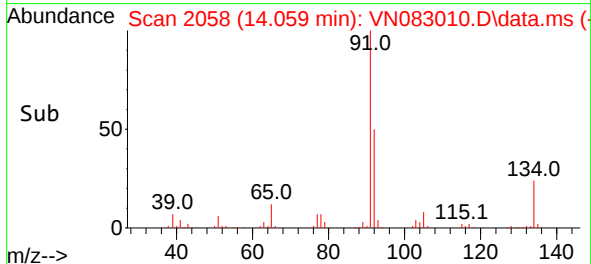
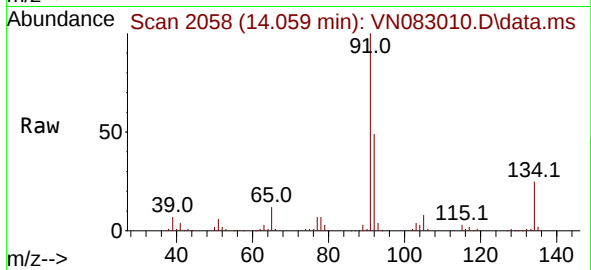
134 24.6 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#90

Hexachloroethane

Concen: 50.337 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN083010.D

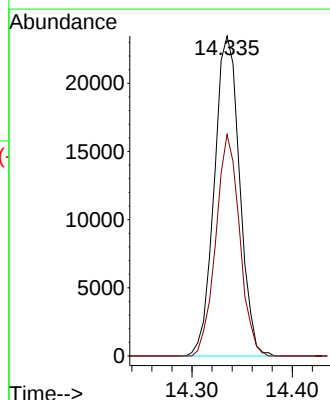
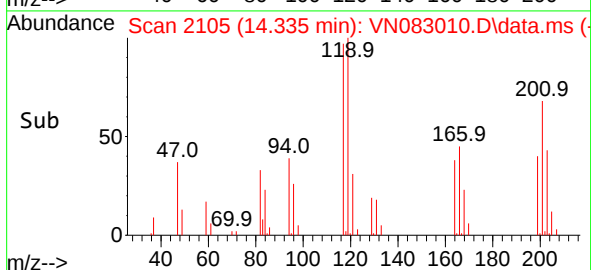
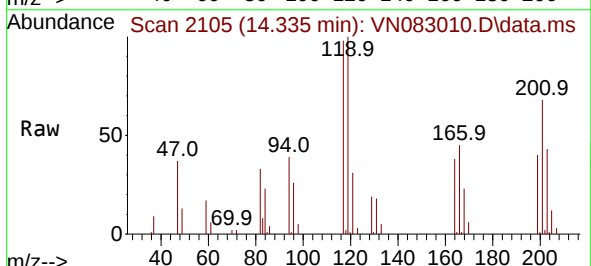
Acq: 23 Jul 2024 12:45

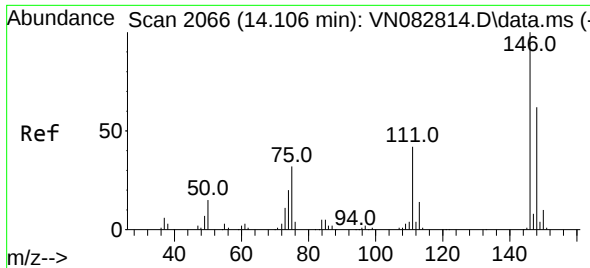
Tgt Ion:117 Resp: 41022

Ion Ratio Lower Upper

117 100

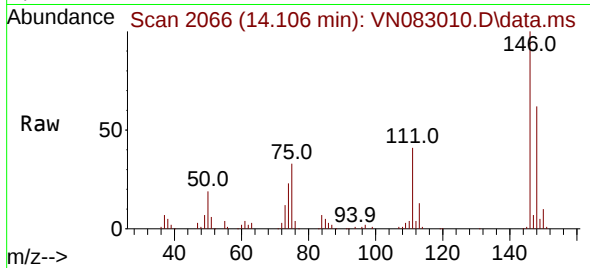
201 65.2 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 50.156 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

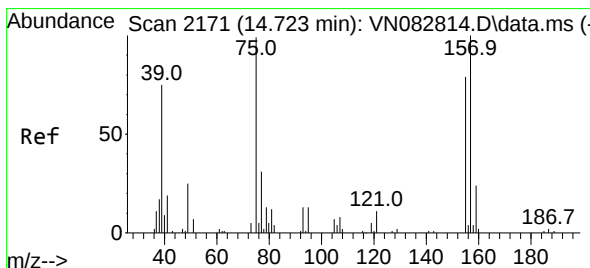
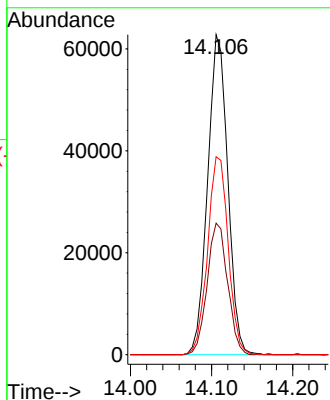
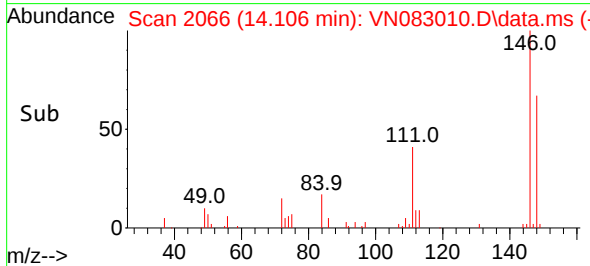
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



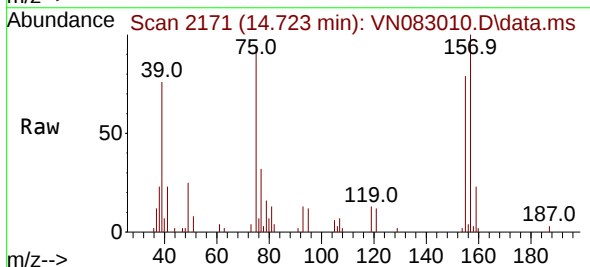
Tgt Ion:146 Resp: 10818
Ion Ratio Lower Upper
146 100
111 41.7 21.4 64.2
148 63.3 32.1 96.5

Manual Integrations
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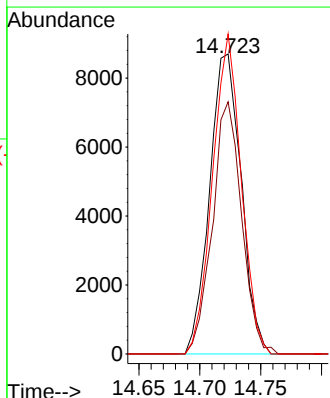
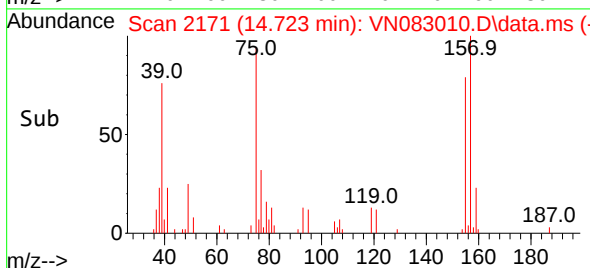
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

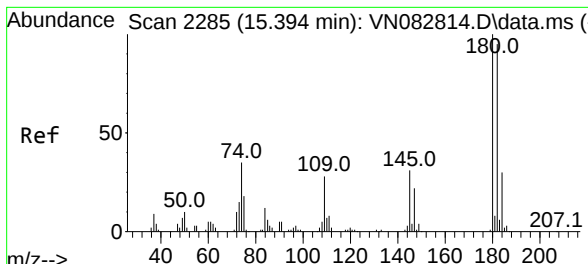


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.550 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



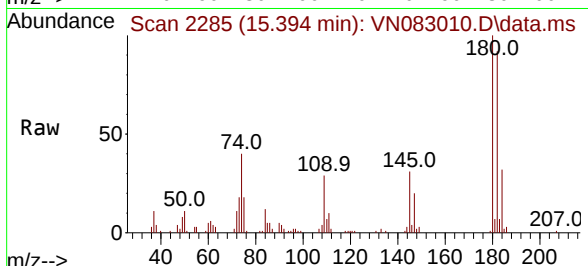
Tgt Ion: 75 Resp: 15705
Ion Ratio Lower Upper
75 100
155 77.8 36.6 109.8
157 96.8 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 45.874 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

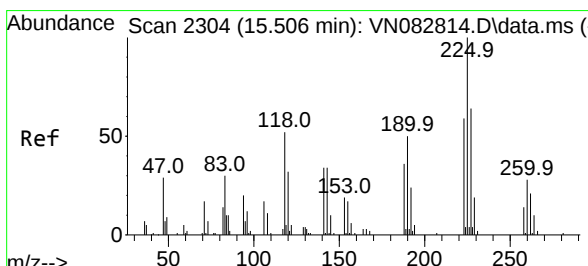
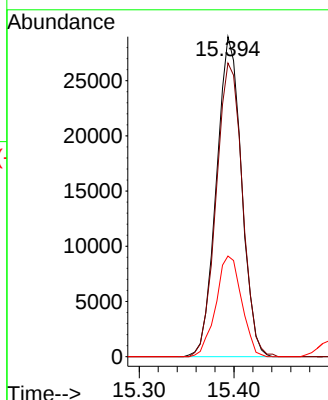
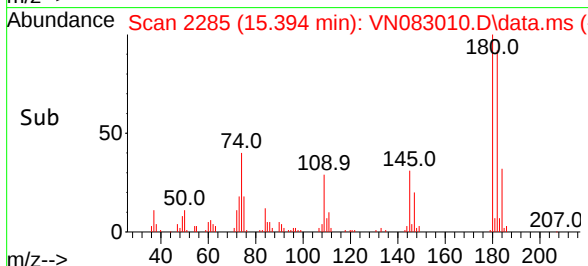
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



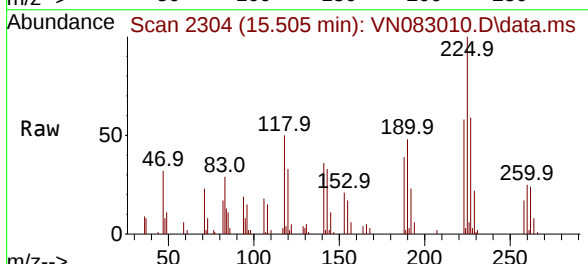
Tgt Ion:180 Resp: 53300
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 32.3 15.7 47.1

Manual Integrations
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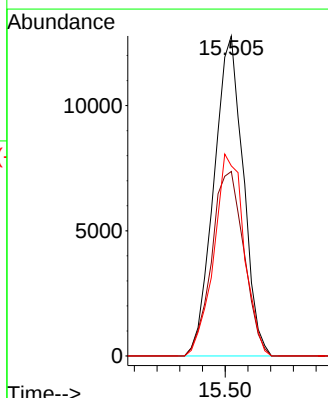
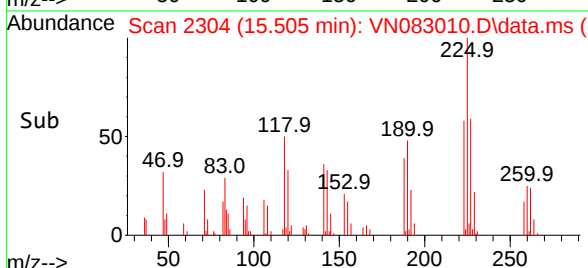
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

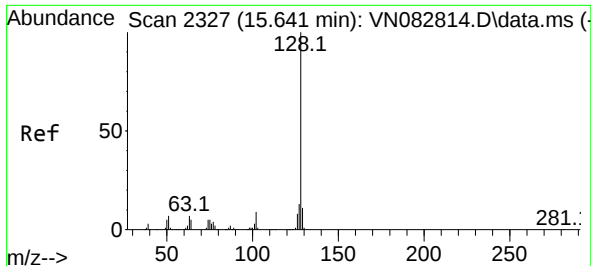


#94
Hexachlorobutadiene
Concen: 44.419 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



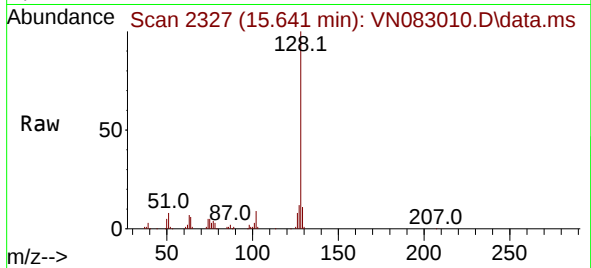
Tgt Ion:225 Resp: 22879
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 65.1 32.5 97.5





#95
Naphthalene
Concen: 45.562 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45

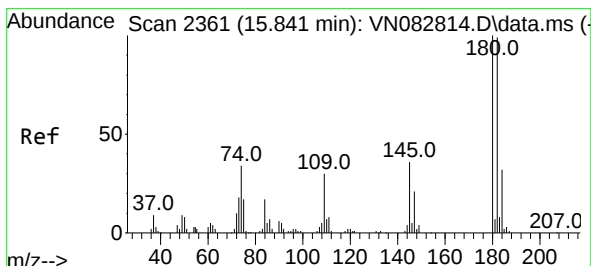
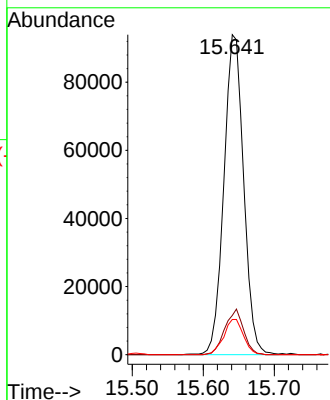
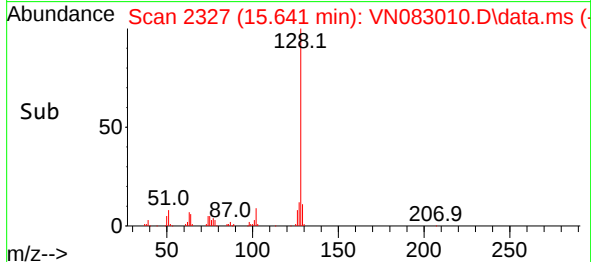
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



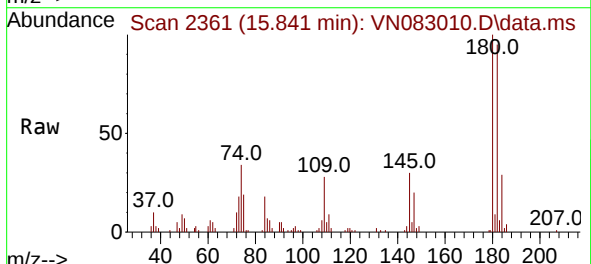
Tgt Ion:128 Resp: 181312
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 46.532 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083010.D
Acq: 23 Jul 2024 12:45



Tgt Ion:180 Resp: 55589
Ion Ratio Lower Upper
180 100
182 95.6 48.9 146.8
145 33.5 16.8 50.4

