

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083040.D
 Acq On : 26 Jul 2024 10:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2024
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 26 22:59:26 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125965	49.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.171	113	102844	53.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.460%		
50) Toluene-d8	10.565	98	365114	51.641	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.280%		
62) 4-Bromofluorobenzene	12.847	95	119236	46.949	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109551	46.757	ug/l	99
3) Chloromethane	2.359	50	88948	40.032	ug/l	98
4) Vinyl Chloride	2.512	62	103985	44.560	ug/l	97
5) Bromomethane	2.948	94	72227	42.928	ug/l	93
6) Chloroethane	3.112	64	84089	52.657	ug/l	92
7) Trichlorofluoromethane	3.495	101	182593	54.402	ug/l	93
8) Diethyl Ether	3.965	74	60630	52.782	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	110733	58.292	ug/l	98
10) Methyl Iodide	4.589	142	102671	52.717	ug/l	96
11) Tert butyl alcohol	5.518	59	111018	260.187	ug/l	100
12) 1,1-Dichloroethene	4.342	96	93002	50.341	ug/l	88
13) Acrolein	4.177	56	123366	400.467	ug/l	99
14) Allyl chloride	5.024	41	131638	45.700	ug/l #	92
15) Acrylonitrile	5.718	53	268272	273.582	ug/l	99
16) Acetone	4.424	43	252879	283.128	ug/l	96
17) Carbon Disulfide	4.712	76	225147	40.784	ug/l	98
18) Methyl Acetate	5.024	43	169105	71.552	ug/l #	88
19) Methyl tert-butyl Ether	5.794	73	348651	54.710	ug/l	98
20) Methylene Chloride	5.277	84	117082	54.280	ug/l #	84
21) trans-1,2-Dichloroethene	5.783	96	102355	51.133	ug/l	86
22) Diisopropyl ether	6.671	45	356299	59.124	ug/l #	93
23) Vinyl Acetate	6.600	43	1262132	263.732	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	210183	57.499	ug/l	97
25) 2-Butanone	7.483	43	368259	273.062	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	202564	59.601	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	128755	54.940	ug/l	91
28) Bromochloromethane	7.818	49	91762	58.516	ug/l #	21
29) Tetrahydrofuran	7.841	42	222268	261.789	ug/l #	83
30) Chloroform	7.965	83	232915	60.062	ug/l	98
31) Cyclohexane	8.259	56	154760	46.662	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	206605	57.383	ug/l	97
36) 1,1-Dichloropropene	8.371	75	146538	55.523	ug/l	99
37) Ethyl Acetate	7.559	43	143041	53.234	ug/l	96
38) Carbon Tetrachloride	8.359	117	180180	56.701	ug/l	96
39) Methylcyclohexane	9.600	83	138276	48.503	ug/l	95
40) Benzene	8.606	78	470682	57.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	78680	54.352	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	172161	58.907	ug/l	97
43) Isopropyl Acetate	8.688	43	251027	49.518	ug/l #	92
44) Trichloroethene	9.353	130	108671	52.248	ug/l	98
45) 1,2-Dichloropropane	9.624	63	119954	63.289	ug/l	93
46) Dibromomethane	9.712	93	87577	59.311	ug/l	98
47) Bromodichloromethane	9.888	83	186151	61.015	ug/l	99
48) Methyl methacrylate	9.682	41	116818	55.446	ug/l #	85
49) 1,4-Dioxane	9.694	88	47222	1031.128	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	793996	298.066	ug/l	95
52) Toluene	10.629	92	295445	58.258	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	184503	58.703	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	193043	58.026	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	120364	64.544	ug/l	96
56) Ethyl methacrylate	10.876	69	177515	61.185	ug/l	87
57) 1,3-Dichloropropane	11.165	76	200973	60.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	493125	331.238	ug/l	96
59) 2-Hexanone	11.194	43	590148	297.978	ug/l	93
60) Dibromochloromethane	11.359	129	146695	61.762	ug/l	100
61) 1,2-Dibromoethane	11.471	107	115209	58.175	ug/l	95
64) Tetrachloroethene	11.106	164	101428	48.774	ug/l	95
65) Chlorobenzene	11.894	112	330279	55.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	128675	60.566	ug/l	98
67) Ethyl Benzene	11.965	91	558064	55.592	ug/l	97
68) m/p-Xylenes	12.070	106	443726	117.080	ug/l	95
69) o-Xylene	12.400	106	208623	57.449	ug/l	93
70) Styrene	12.412	104	369274	61.544	ug/l	97
71) Bromoform	12.582	173	98799	59.132	ug/l #	100
73) Isopropylbenzene	12.694	105	531621	52.765	ug/l	100
74) N-amyl acetate	12.494	43	214746	51.529	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	168758	55.927	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122589m	51.282	ug/l	
77) Bromobenzene	12.982	156	136083	52.355	ug/l	92
78) n-propylbenzene	13.035	91	628877	54.287	ug/l	99
79) 2-Chlorotoluene	13.123	91	379184	51.373	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	444482	54.577	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	63608	52.332	ug/l	92
82) 4-Chlorotoluene	13.223	91	378635	51.827	ug/l	96
83) tert-Butylbenzene	13.441	119	374024	51.803	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	459704	55.381	ug/l	99
85) sec-Butylbenzene	13.617	105	525587	53.869	ug/l	99
86) p-Isopropyltoluene	13.729	119	435787	53.534	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	248931	53.015	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	246459	50.754	ug/l	98
89) n-Butylbenzene	14.059	91	363168	52.074	ug/l	99
90) Hexachloroethane	14.335	117	91613	53.187	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	236614	51.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32056	45.920	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	117401	47.807	ug/l	100
94) Hexachlorobutadiene	15.500	225	50823	46.685	ug/l	97
95) Naphthalene	15.641	128	388994	46.249	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	119767	47.433	ug/l	98

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

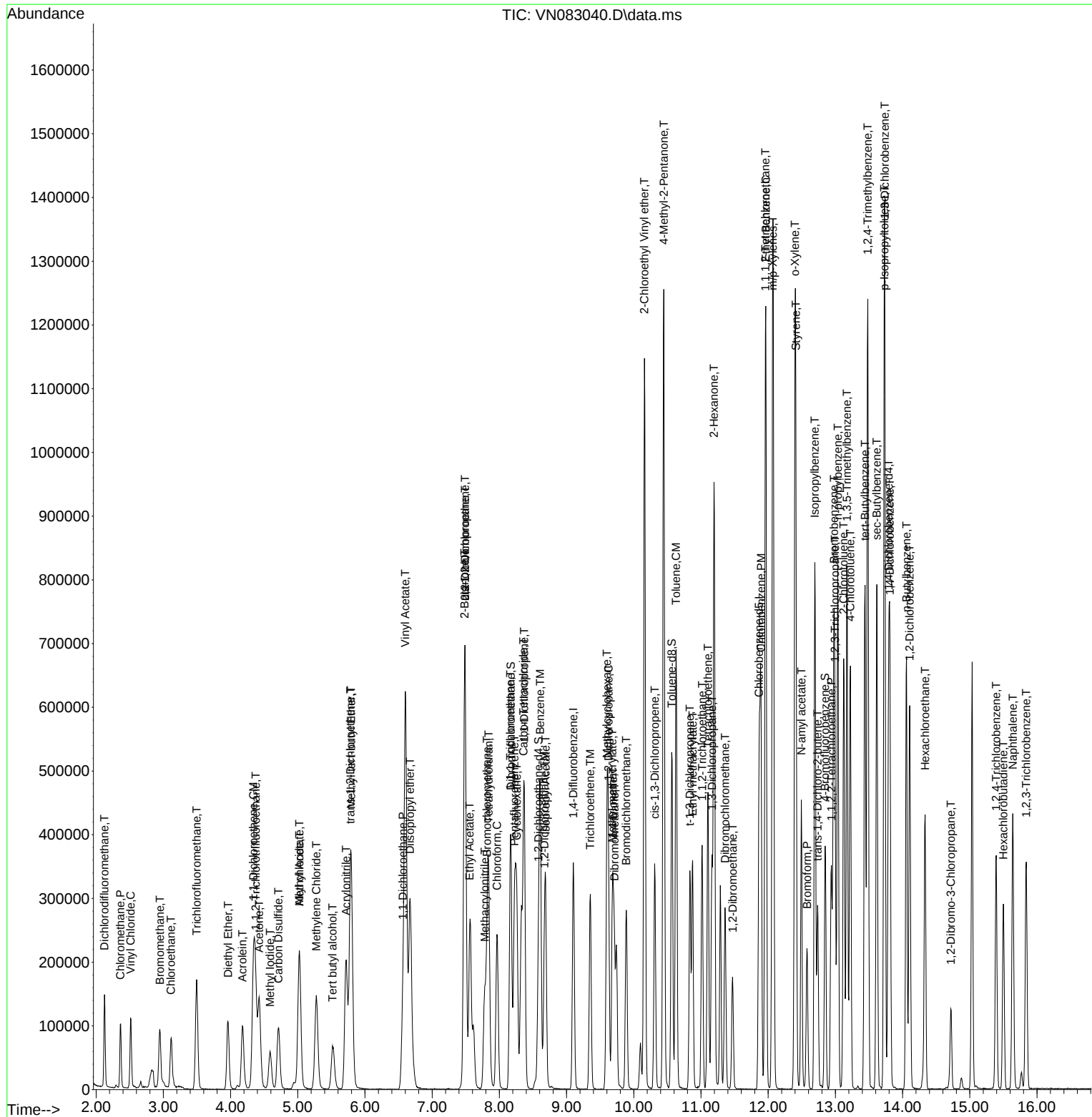
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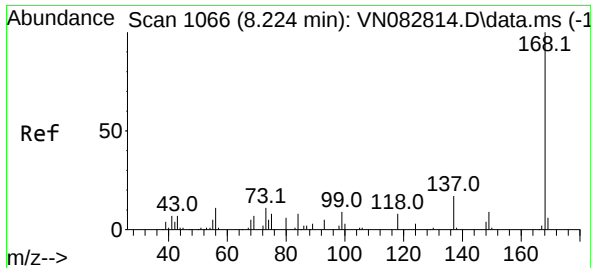
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Manual Integrations
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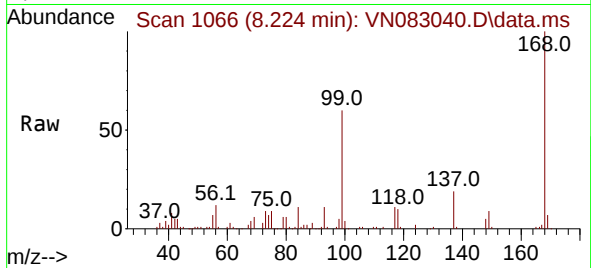
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083040.D
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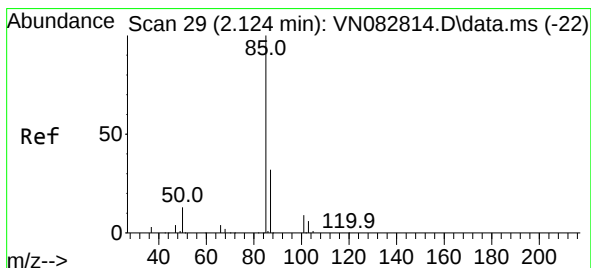
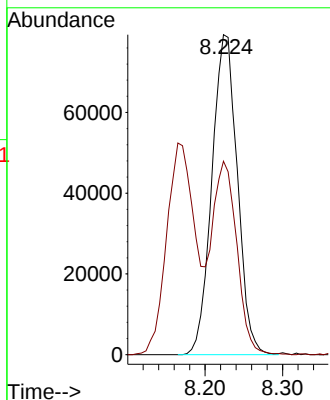
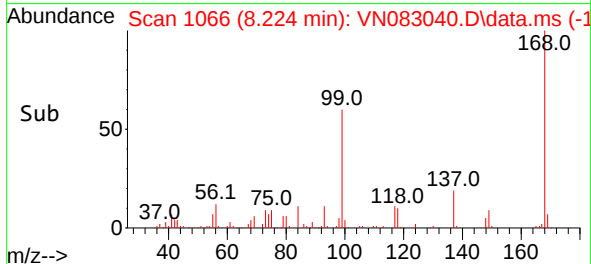
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 180972
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4

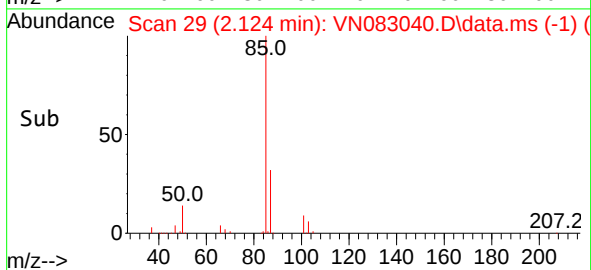
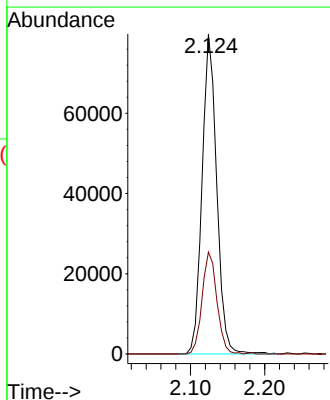
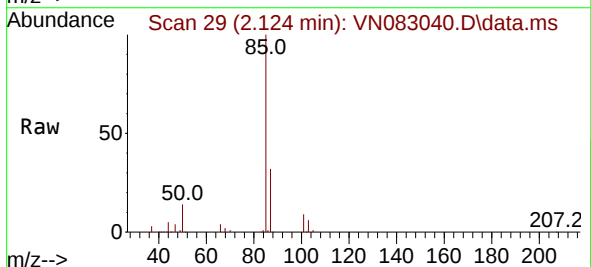
Manual Integrations
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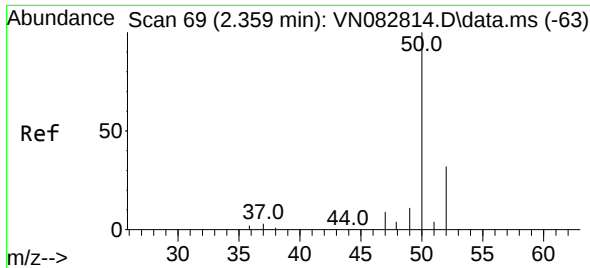
Reviewed By :John Carlone 07/29/2024
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#2
Dichlorodifluoromethane
Concen: 46.757 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

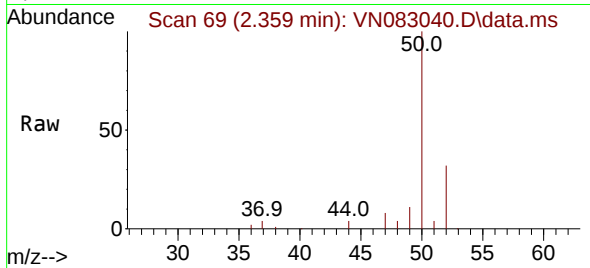
Tgt Ion: 85 Resp: 109551
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0





#3
Chloromethane
Concen: 40.032 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

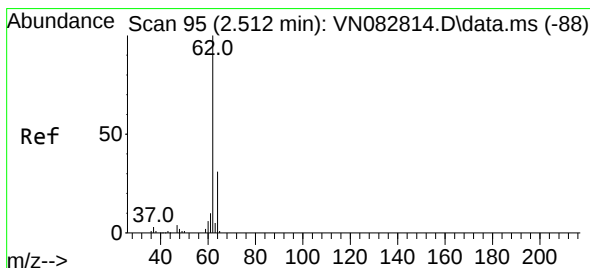
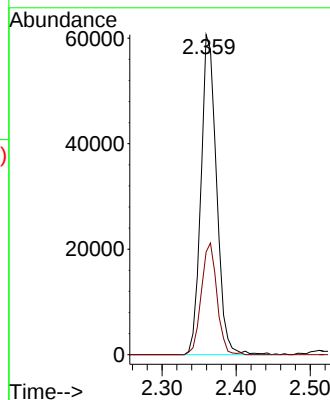
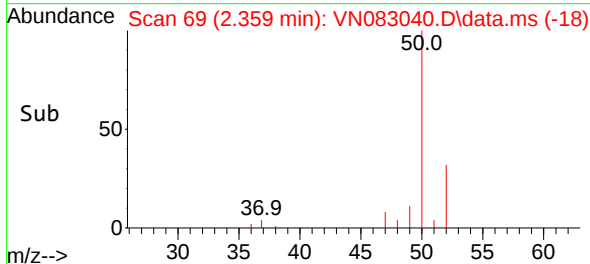
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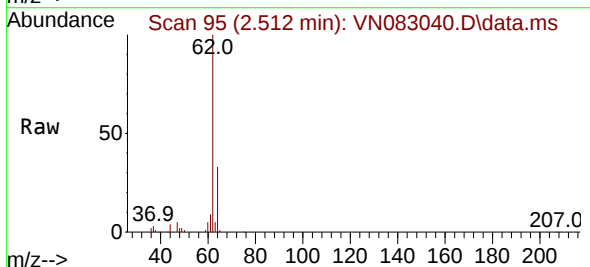
Tgt Ion: 50 Resp: 88948
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

Manual Integrations
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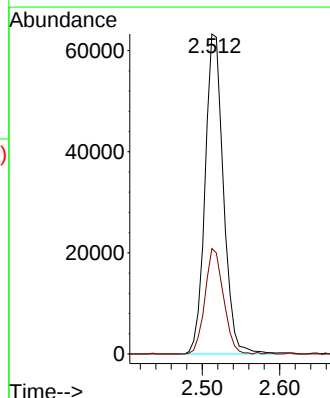
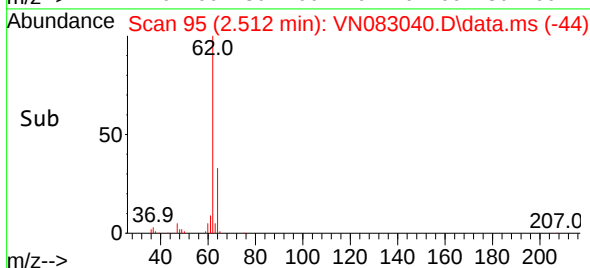
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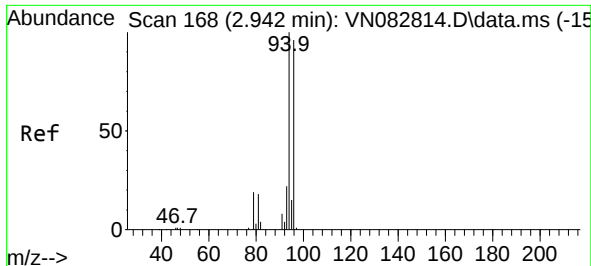


#4
Vinyl Chloride
Concen: 44.560 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



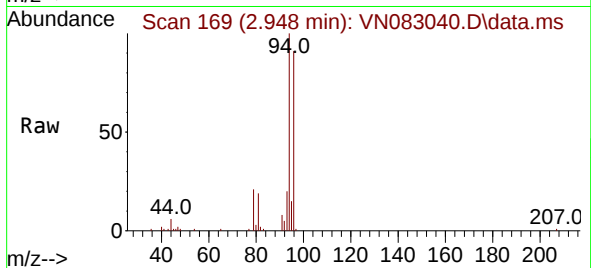
Tgt Ion: 62 Resp: 103985
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6





#5
Bromomethane
Concen: 42.928 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

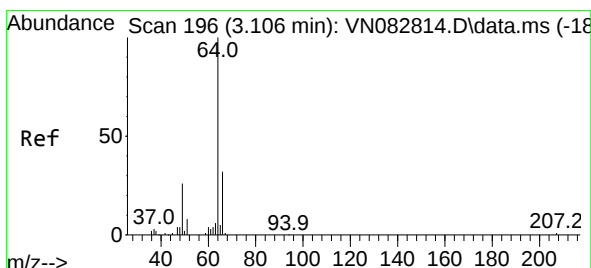
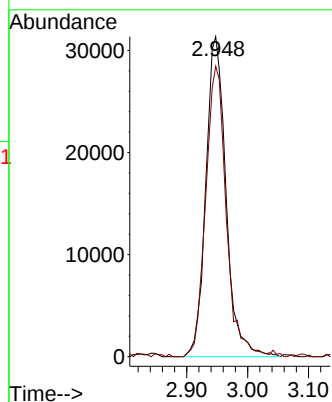
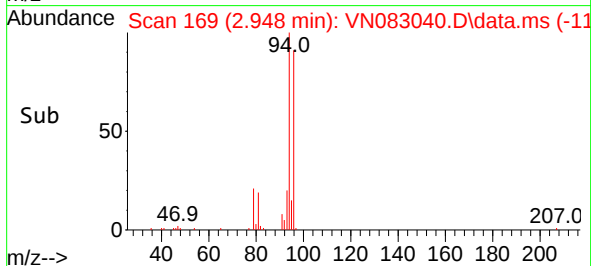
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 94 Resp: 7222
Ion Ratio Lower Upper
94 100
96 90.7 78.0 117.0

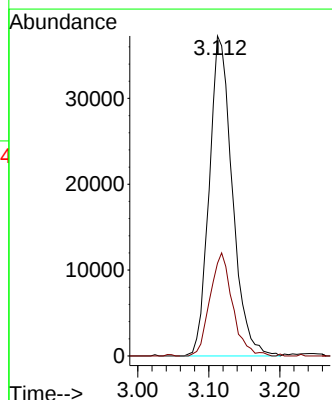
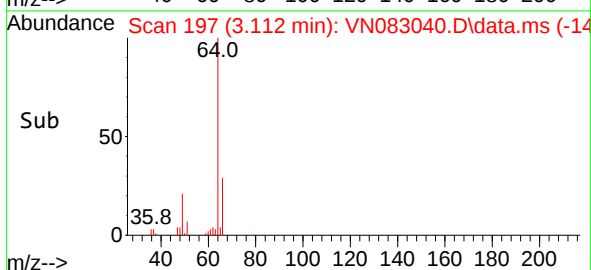
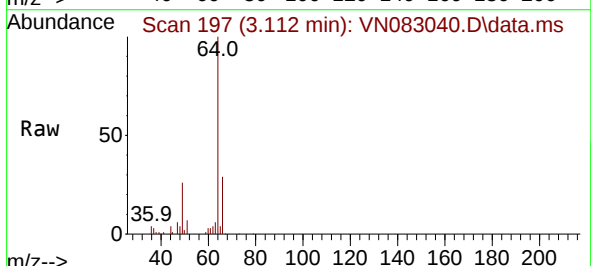
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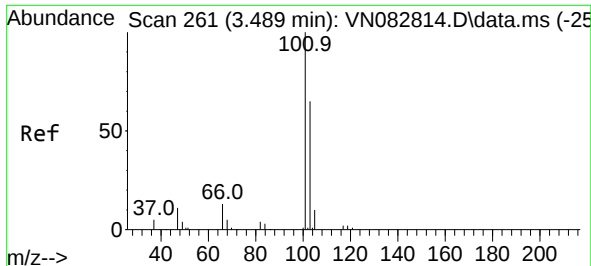
Reviewed By :John Carlone 07/29/2024
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#6
Chloroethane
Concen: 52.657 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion: 64 Resp: 84089
Ion Ratio Lower Upper
64 100
66 28.9 26.6 40.0





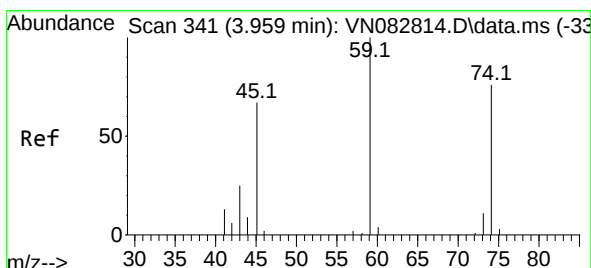
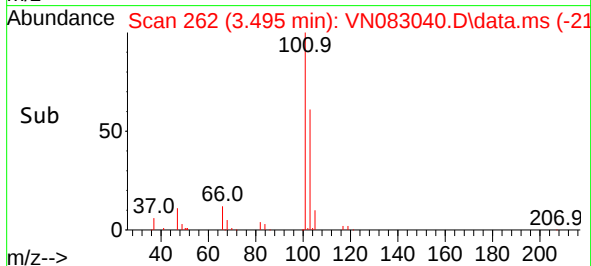
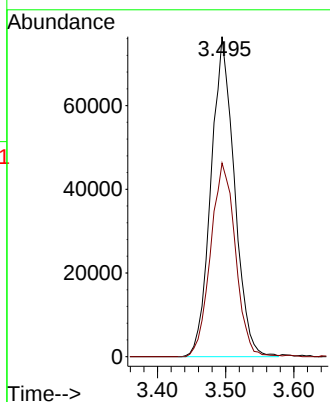
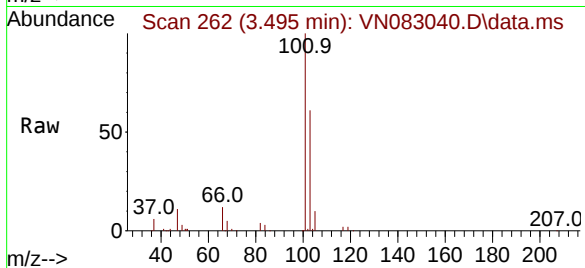
#7
Trichlorofluoromethane
Concen: 54.402 ug/l
RT: 3.495 min Scan# 201
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
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Tgt Ion:101 Resp: 18259
Ion Ratio Lower Upper
101 100
103 60.5 52.7 79.1

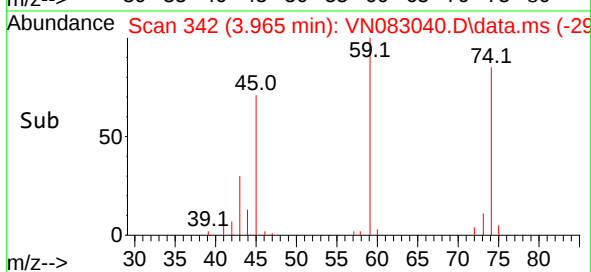
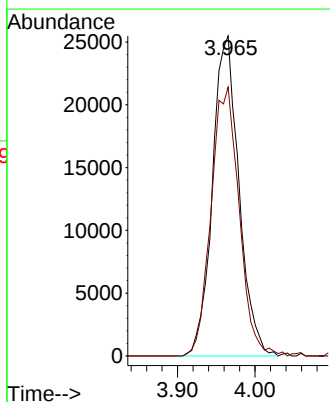
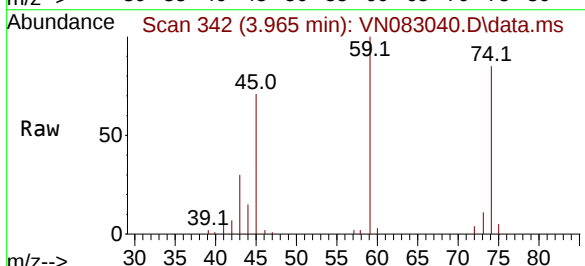
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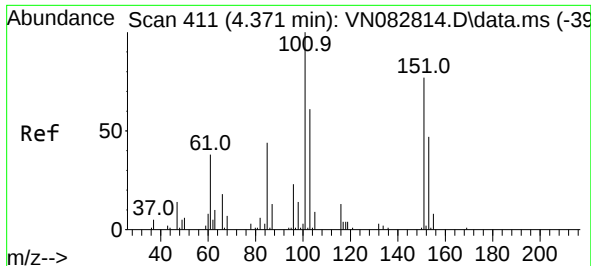
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#8
Diethyl Ether
Concen: 52.782 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion: 74 Resp: 60630
Ion Ratio Lower Upper
74 100
45 88.8 55.5 166.3





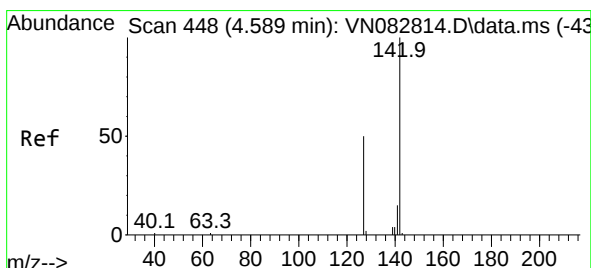
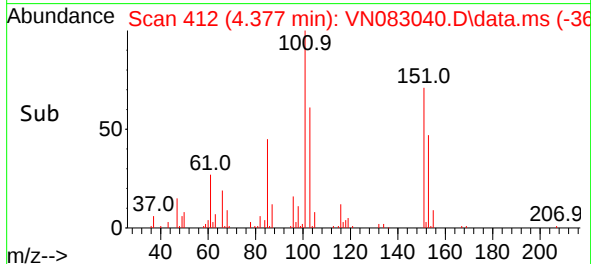
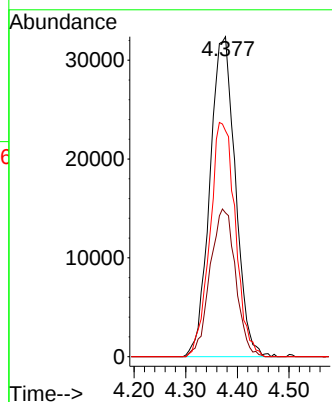
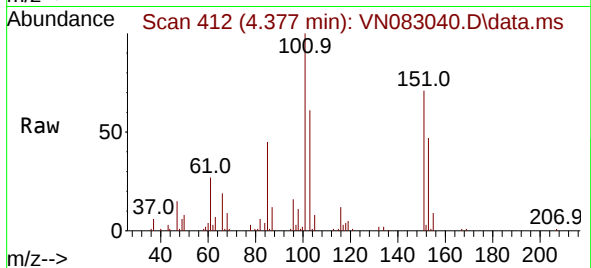
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.292 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11073
Ion Ratio Lower Upper
101 100
85 46.4 38.3 57.5
151 73.1 59.3 88.9

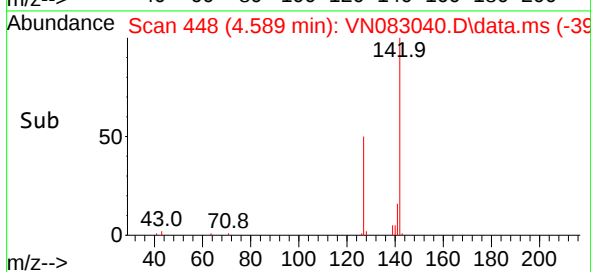
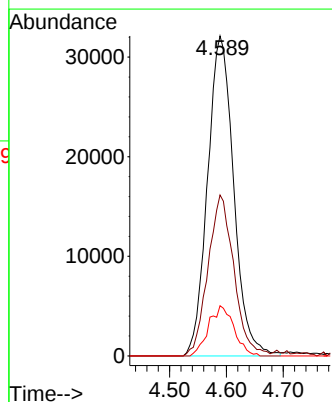
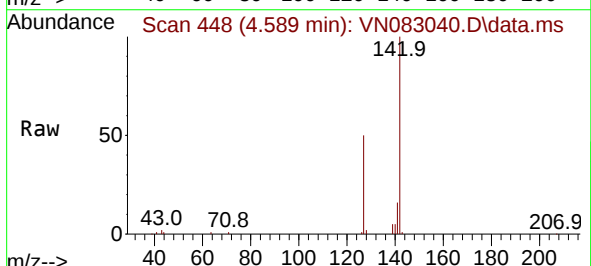
Manual Integrations
APPROVED

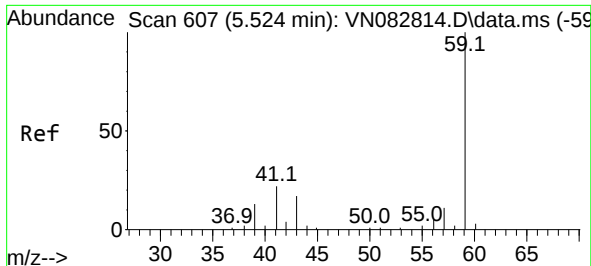
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#10
Methyl Iodide
Concen: 52.717 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

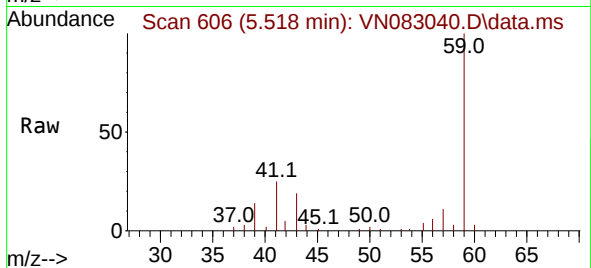
Tgt Ion:142 Resp: 102671
Ion Ratio Lower Upper
142 100
127 50.3 37.5 56.3
141 15.7 13.1 19.7





#11
Tert butyl alcohol
Concen: 260.187 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

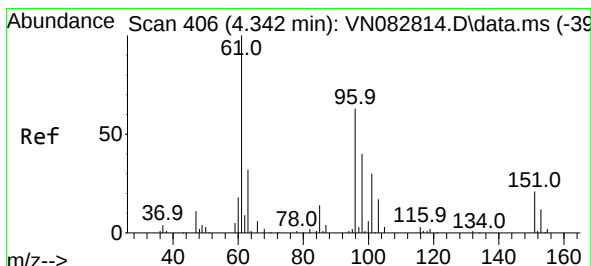
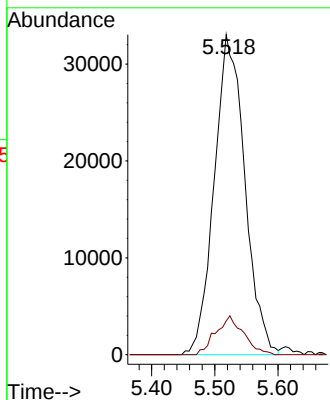
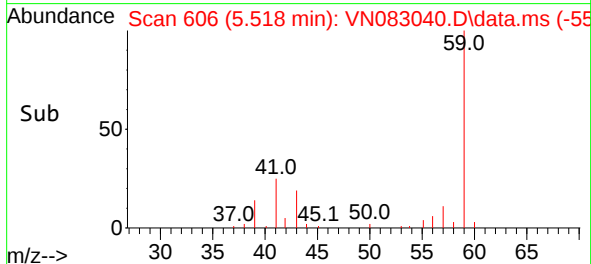
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



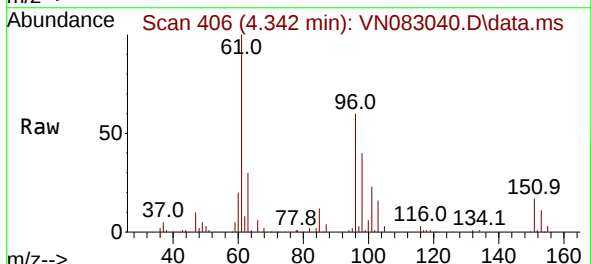
Tgt Ion: 59 Resp: 111018
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

Manual Integrations
APPROVED

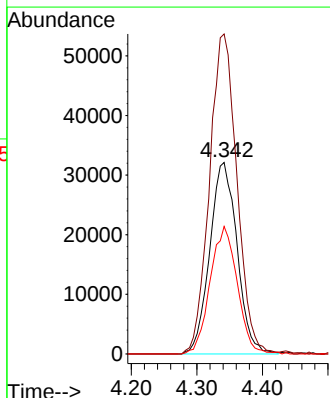
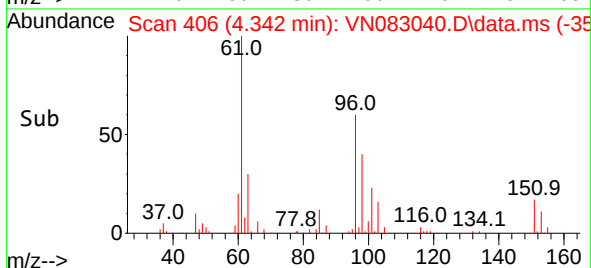
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

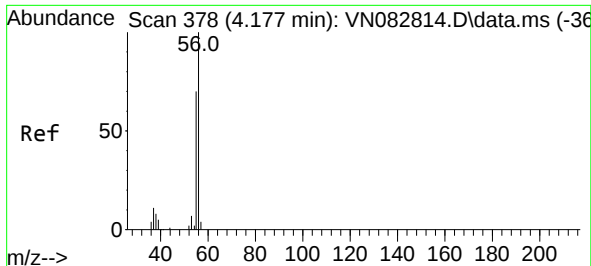


#12
1,1-Dichloroethene
Concen: 50.341 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



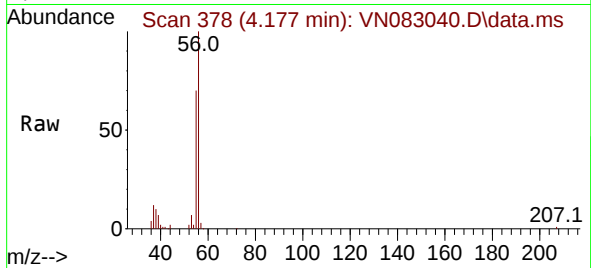
Tgt Ion: 96 Resp: 93002
Ion Ratio Lower Upper
96 100
61 167.1 149.7 224.5
98 66.6 50.1 75.1





#13
Acrolein
Concen: 400.467 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

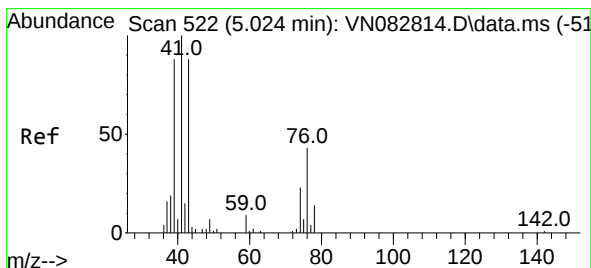
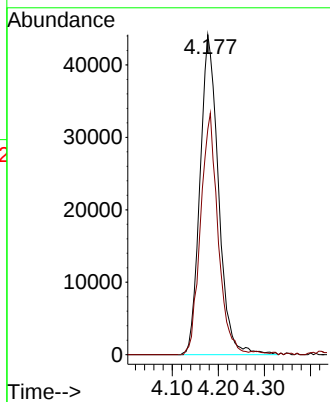
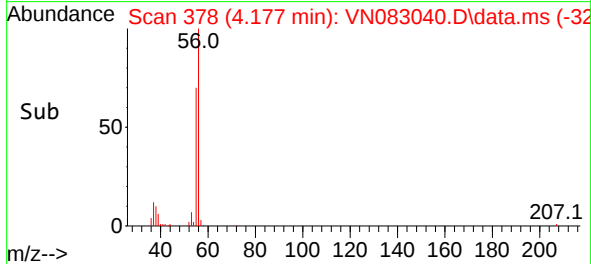
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 123360
Ion Ratio Lower Upper
56 100
55 71.6 56.4 84.6

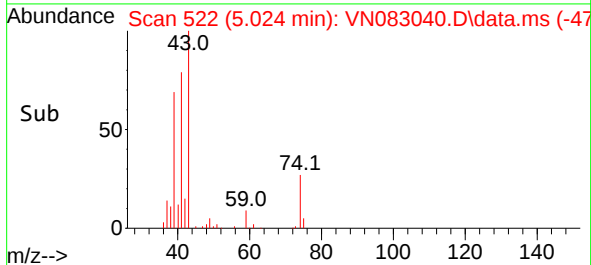
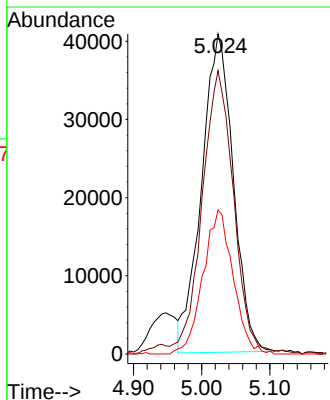
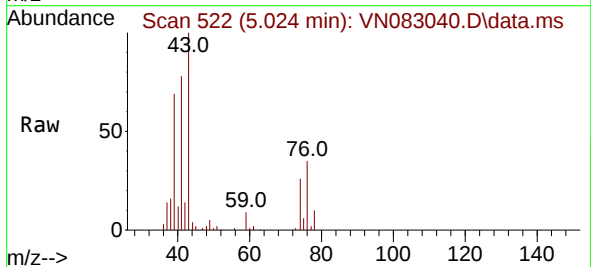
Manual Integrations
APPROVED

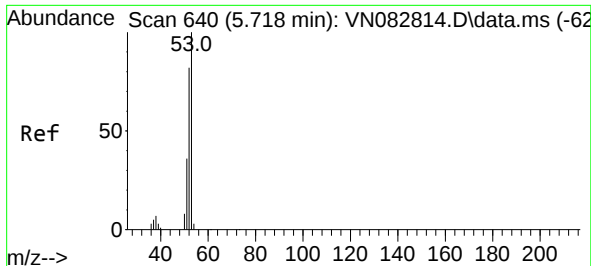
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#14
Allyl chloride
Concen: 45.700 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

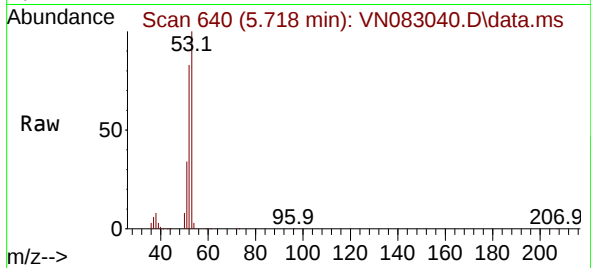
Tgt Ion: 41 Resp: 131638
Ion Ratio Lower Upper
41 100
39 88.6 67.8 101.6
76 43.0 25.8 38.8#





#15
Acrylonitrile
Concen: 273.582 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

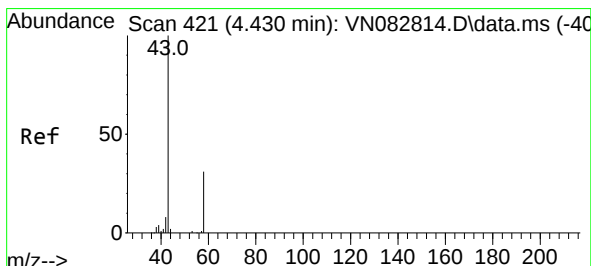
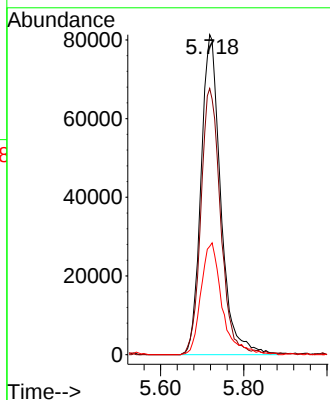
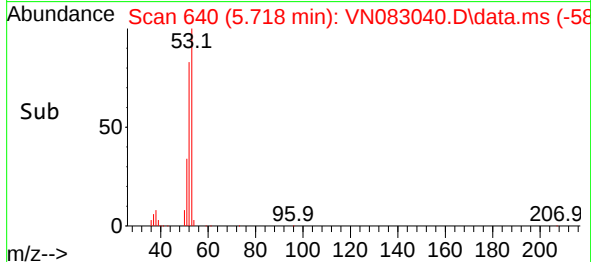
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



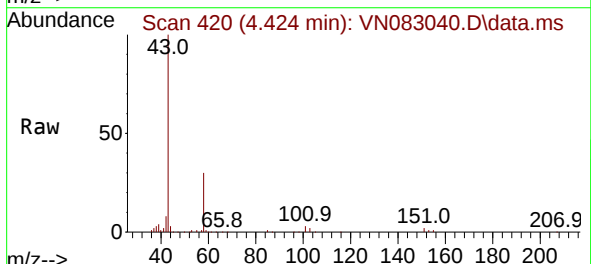
Tgt Ion: 53 Resp: 268272
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 37.2 30.1 45.1

Manual Integrations
APPROVED

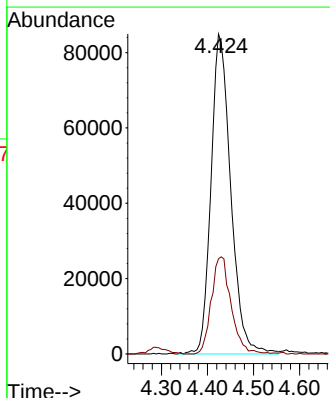
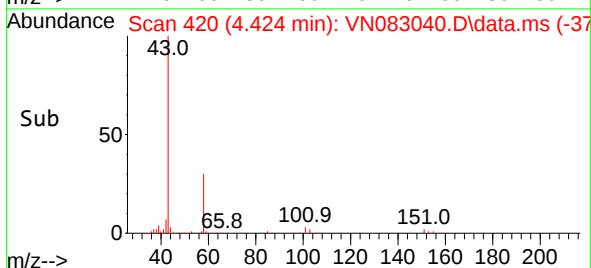
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

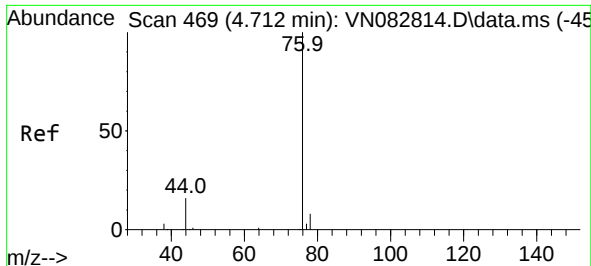


#16
Acetone
Concen: 283.128 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



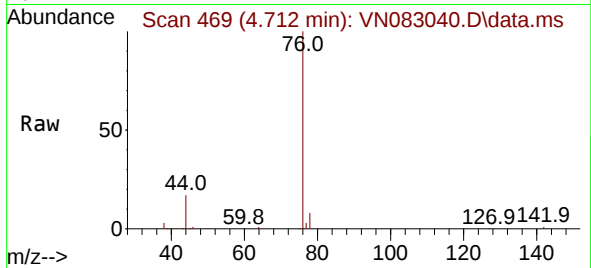
Tgt Ion: 43 Resp: 252879
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.6





#17
Carbon Disulfide
Concen: 40.784 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

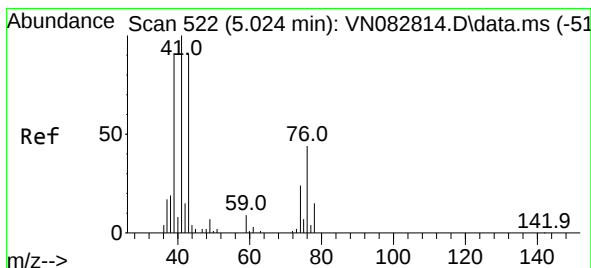
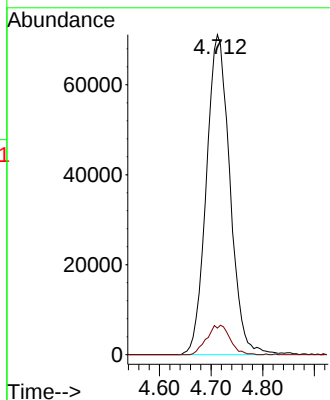
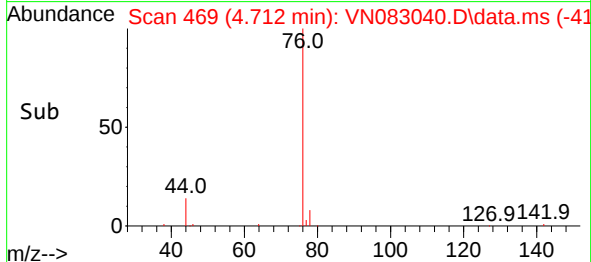
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 22514
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

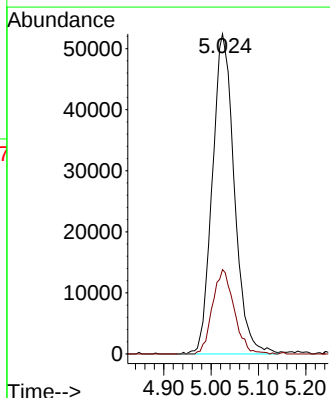
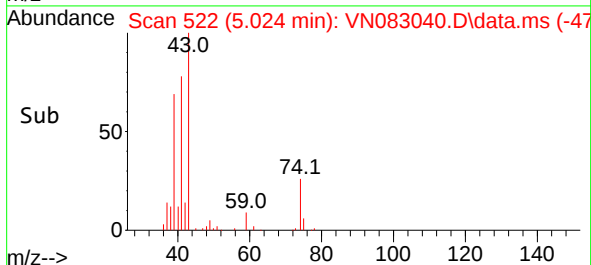
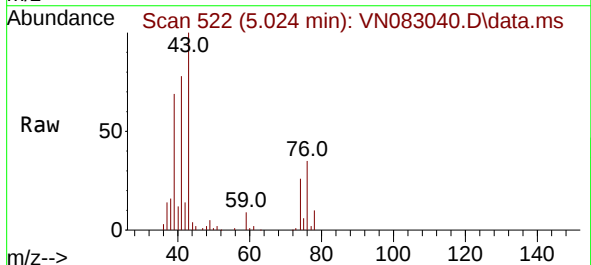
Manual Integrations
APPROVED

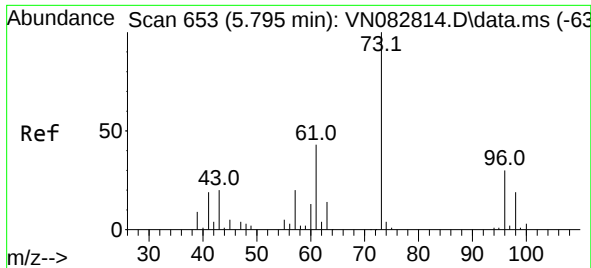
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#18
Methyl Acetate
Concen: 71.552 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion: 43 Resp: 169105
Ion Ratio Lower Upper
43 100
74 25.9 16.3 24.5#





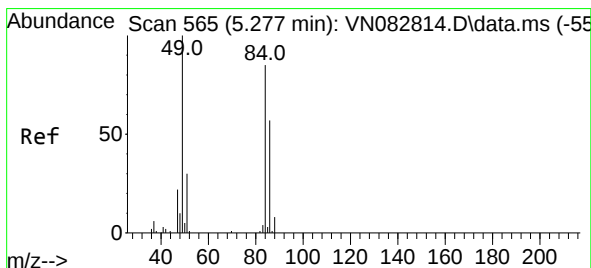
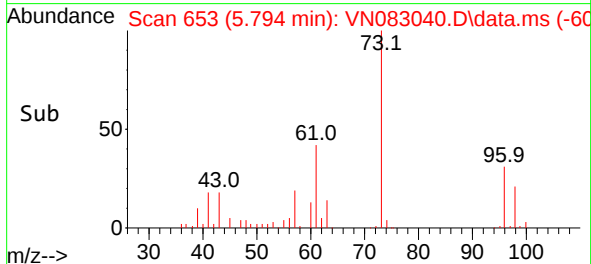
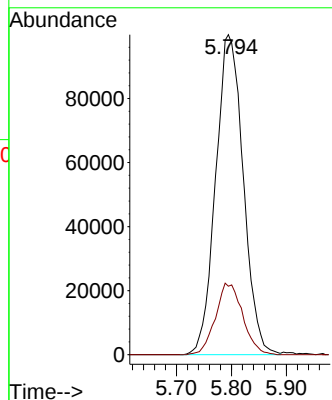
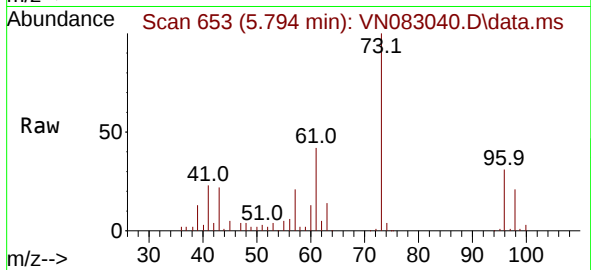
#19
Methyl tert-butyl Ether
Concen: 54.710 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 34865
Ion Ratio Lower Upper
73 100
57 21.4 17.9 26.9

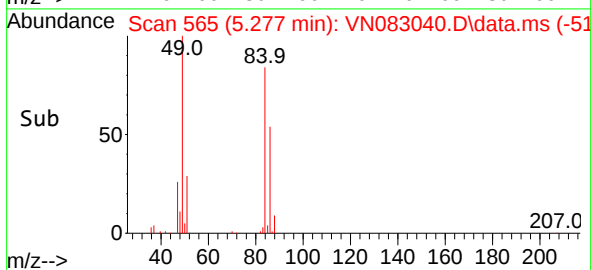
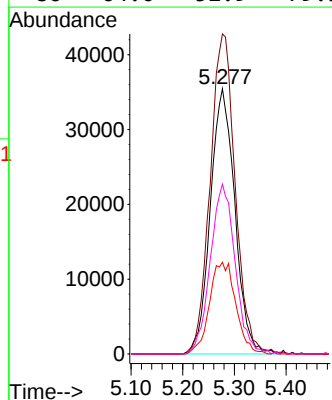
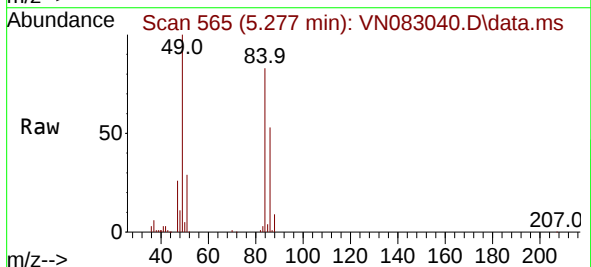
Manual Integrations
APPROVED

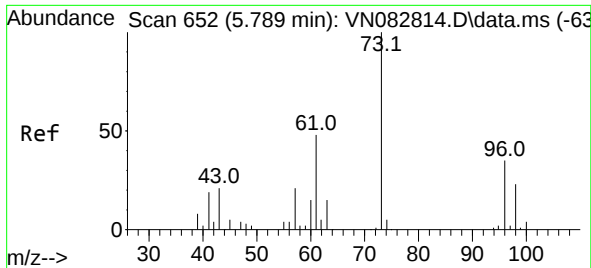
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#20
Methylene Chloride
Concen: 54.280 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

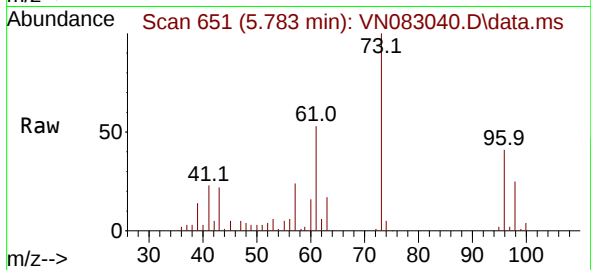
Tgt Ion: 84 Resp: 117082
Ion Ratio Lower Upper
84 100
49 120.6 119.6 179.4
51 34.6 34.8 52.2#
86 64.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 51.133 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

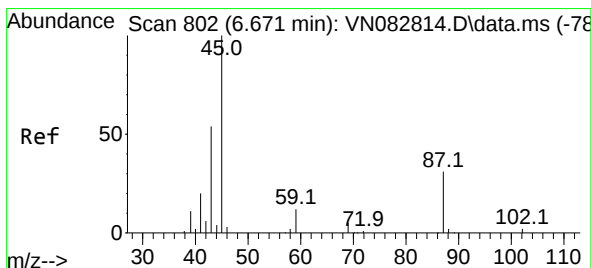
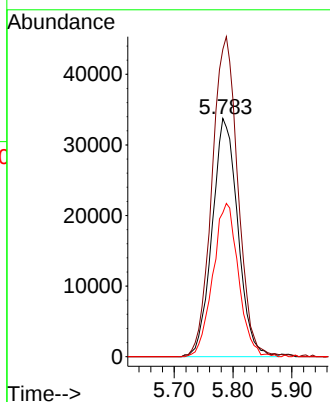
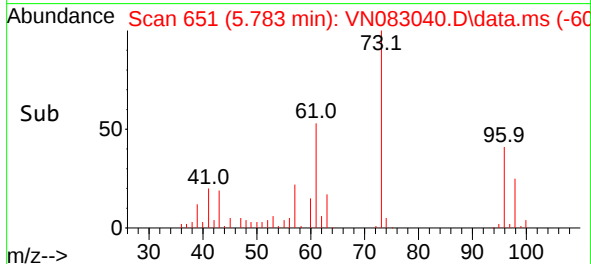
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10235
Ion Ratio Lower Upper
96 100
61 129.1 123.4 185.2
98 60.5 49.3 73.9

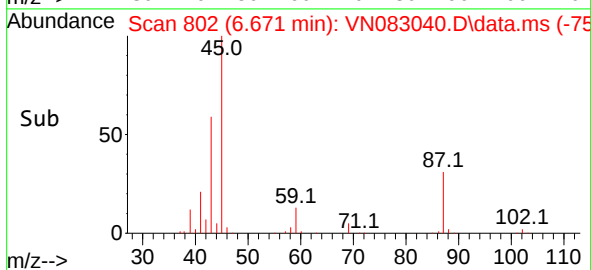
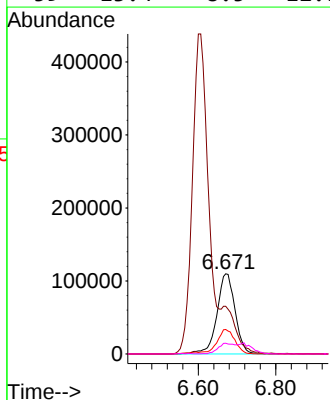
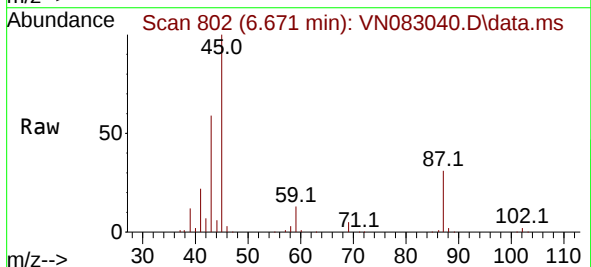
Manual Integrations
APPROVED

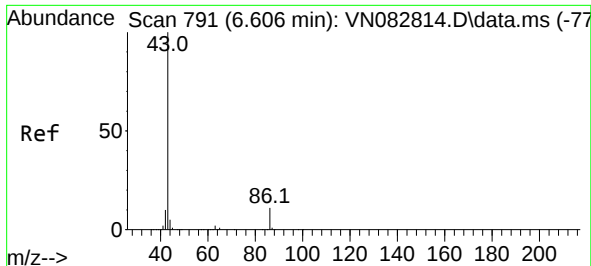
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#22
Diisopropyl ether
Concen: 59.124 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

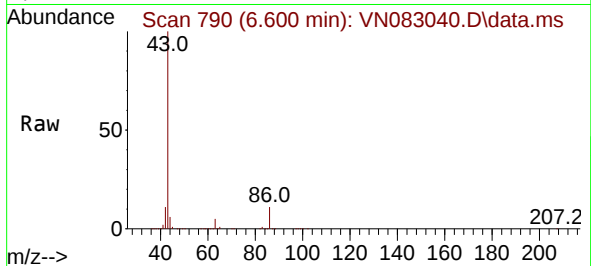
Tgt Ion: 45 Resp: 356299
Ion Ratio Lower Upper
45 100
43 58.8 44.0 66.0
87 30.5 19.7 29.5#
59 13.4 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 263.732 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11

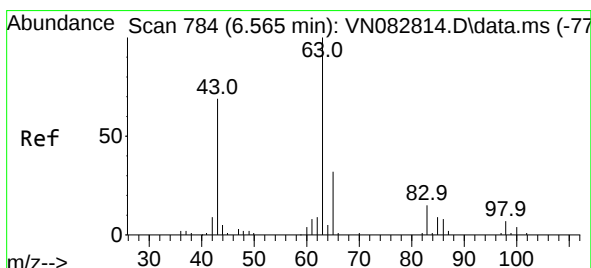
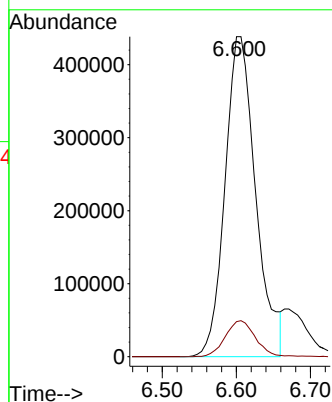
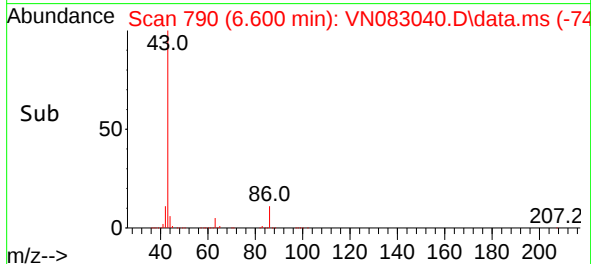
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



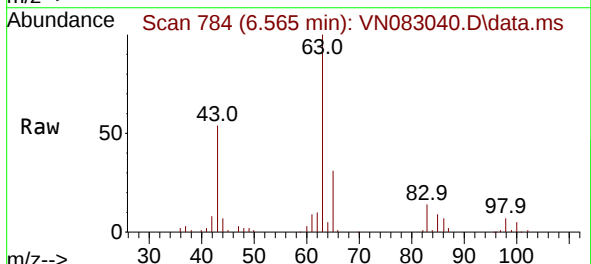
Tgt Ion: 43 Resp: 126213
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.3 10.9

Manual Integrations
 APPROVED

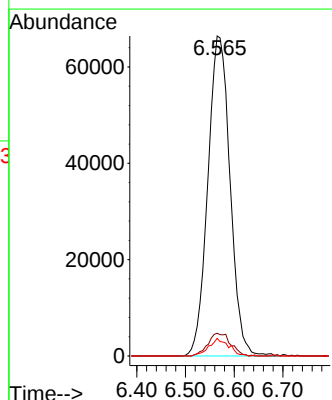
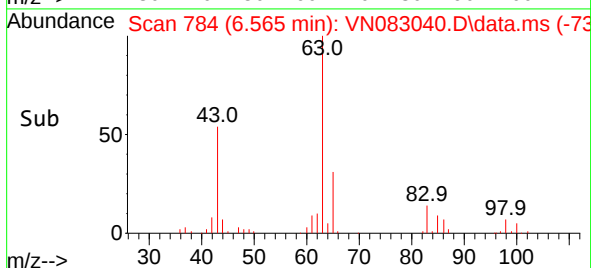
Reviewed By :John Carlone 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

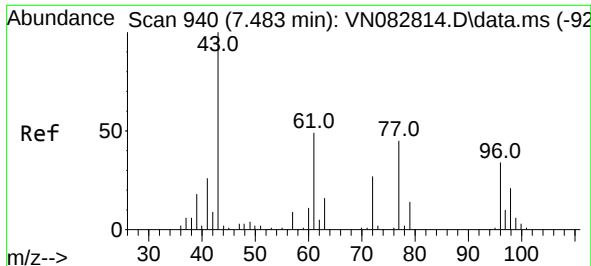


#24
 1,1-Dichloroethane
 Concen: 57.499 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11



Tgt Ion: 63 Resp: 210183
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 5.5 2.0 6.0





#25

2-Butanone

Concen: 273.062 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.005 min

Lab File: VN083040.D

Acq: 26 Jul 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 368259

Ion Ratio Lower Upper

43 100

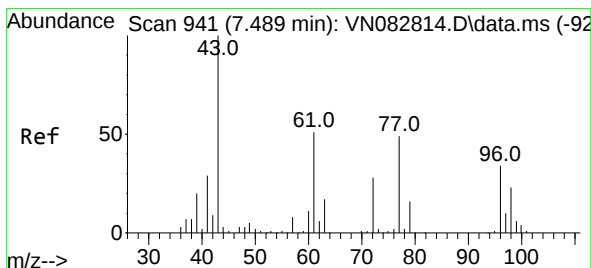
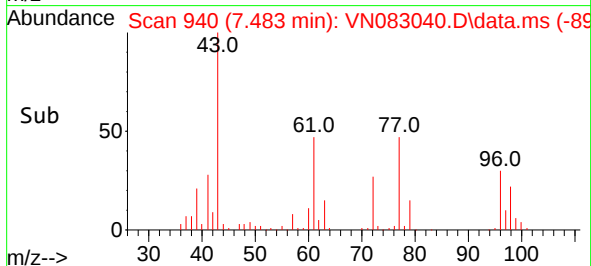
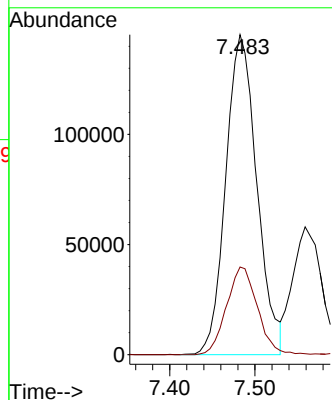
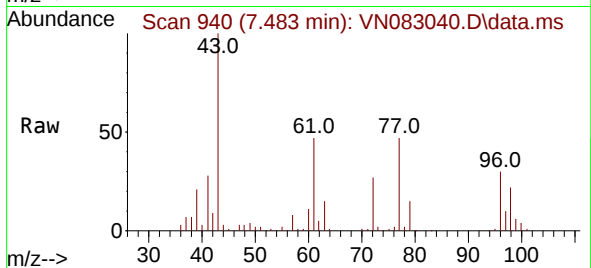
72 27.4 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#26

2,2-Dichloropropane

Concen: 59.601 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN083040.D

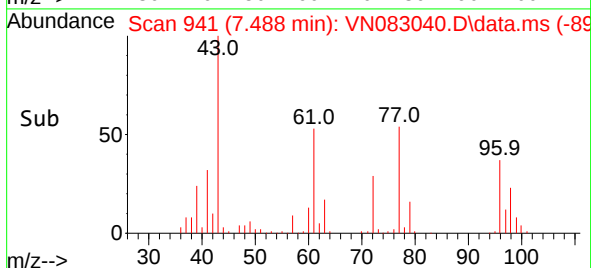
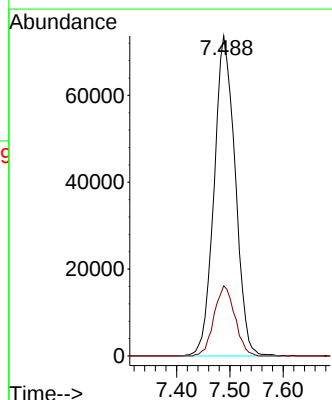
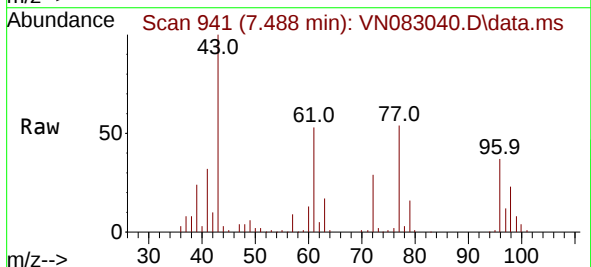
Acq: 26 Jul 2024 10:11

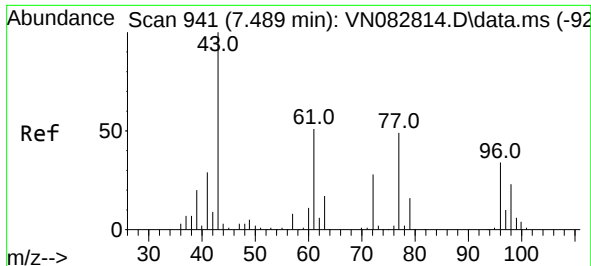
Tgt Ion: 77 Resp: 202564

Ion Ratio Lower Upper

77 100

97 21.7 10.3 30.9





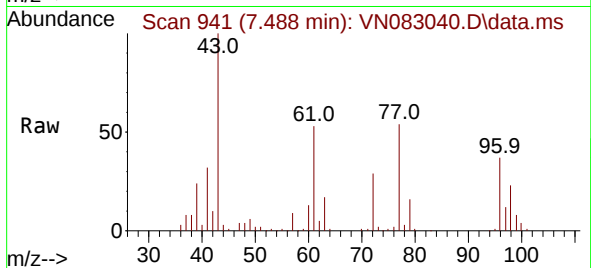
#27
 cis-1,2-Dichloroethene
 Concen: 54.940 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



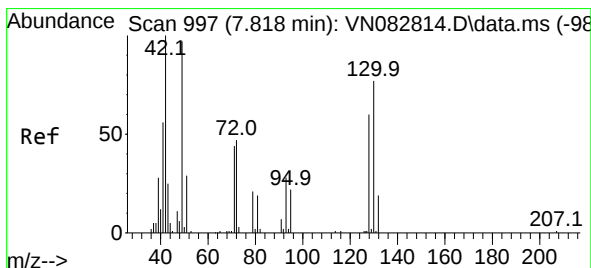
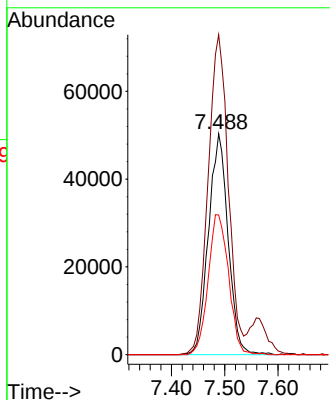
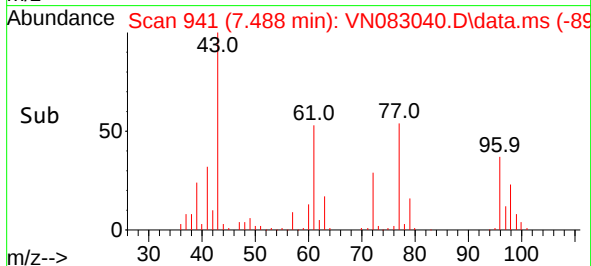
Tgt Ion: 96 Resp: 12875
 Ion Ratio Lower Upper
 96 100
 61 148.4 0.0 329.6
 98 66.1 0.0 128.6

Manual Integrations

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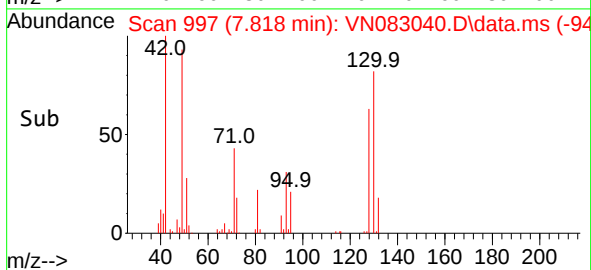
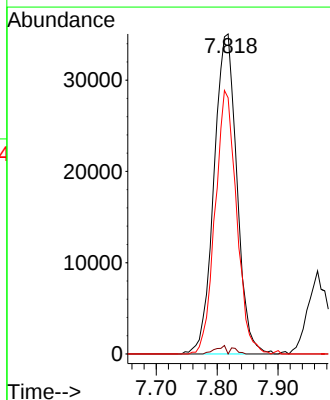
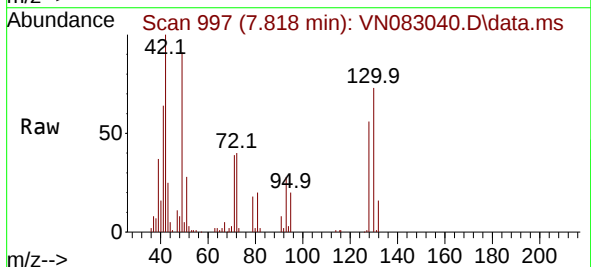
Reviewed By :John Carlone 07/29/2024

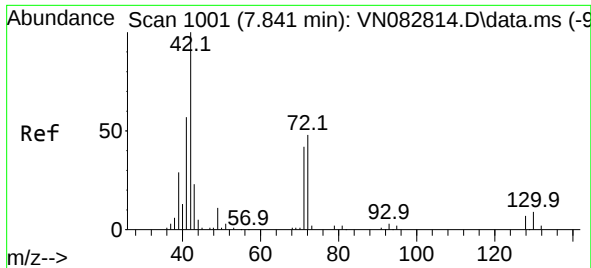
Supervised By :Mahesh Dadoda 07/29/2024



#28
 Bromochloromethane
 Concen: 58.516 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11

Tgt Ion: 49 Resp: 91762
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.8
 130 0.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 261.789 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN083040.D

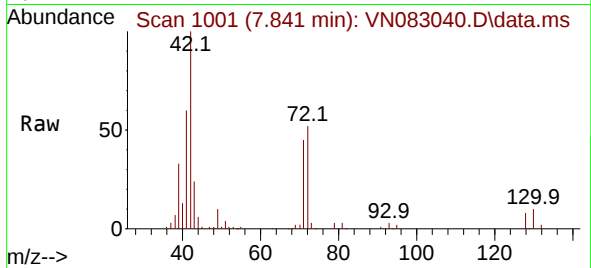
Acq: 26 Jul 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 22226

Ion Ratio Lower Upper

42 100

72 47.6 30.0 45.0

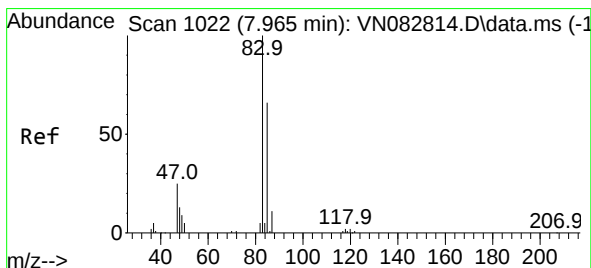
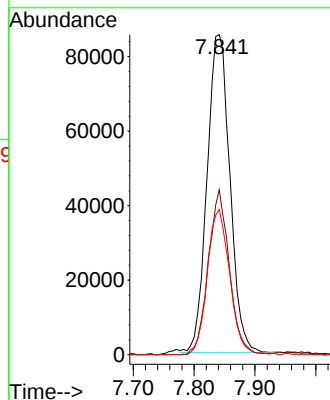
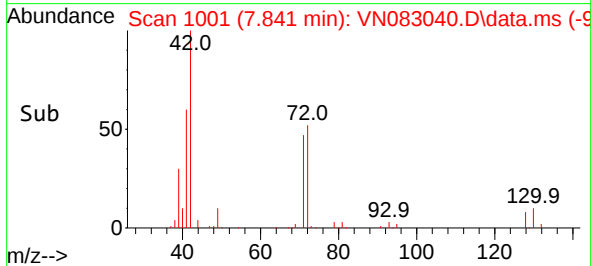
71 45.1 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#30

Chloroform

Concen: 60.062 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083040.D

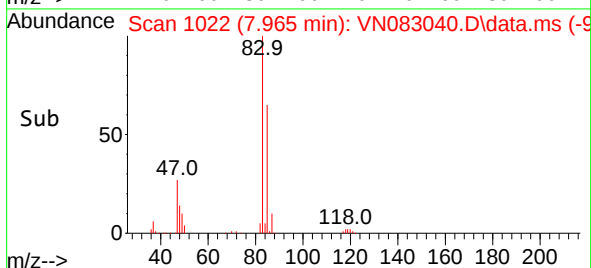
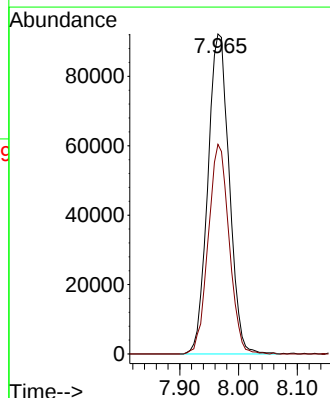
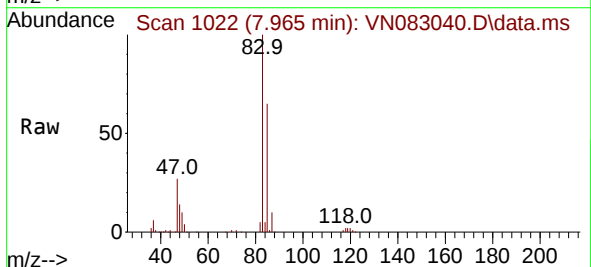
Acq: 26 Jul 2024 10:11

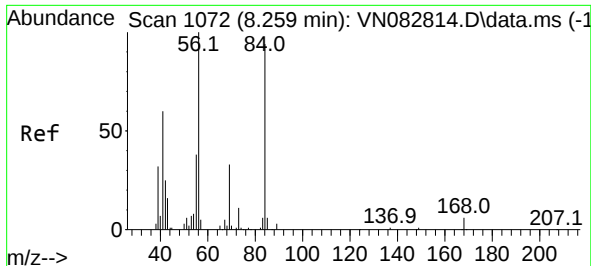
Tgt Ion: 83 Resp: 232915

Ion Ratio Lower Upper

83 100

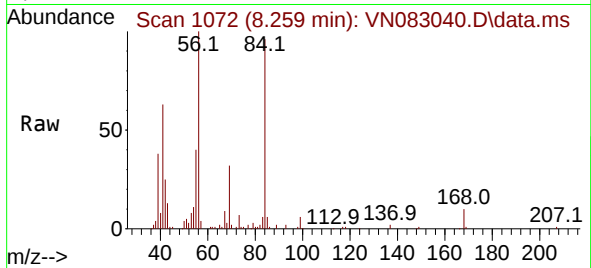
85 65.5 50.9 76.3





#31
Cyclohexane
Concen: 46.662 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

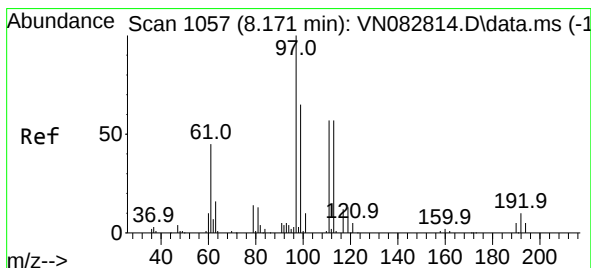
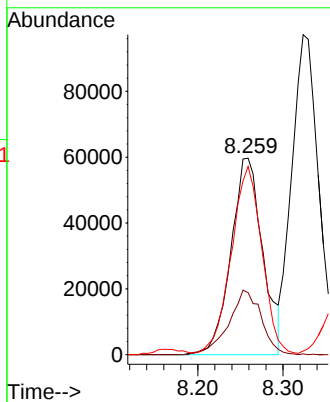
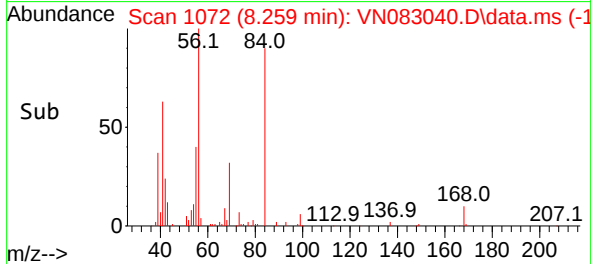
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



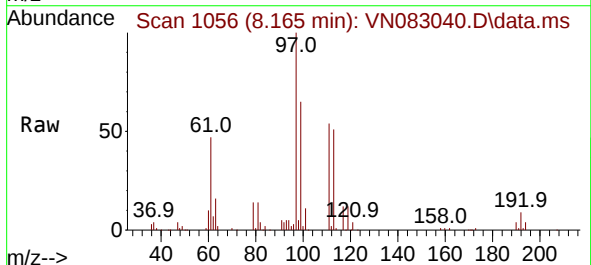
Tgt Ion: 56 Resp: 154760
Ion Ratio Lower Upper
56 100
69 31.6 24.5 36.7
84 93.9 66.0 99.0

Manual Integrations
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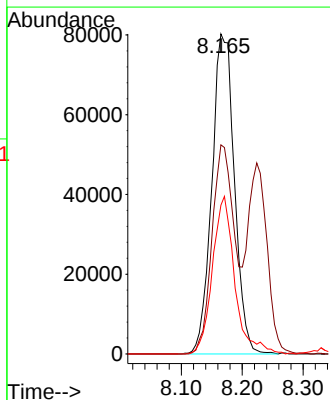
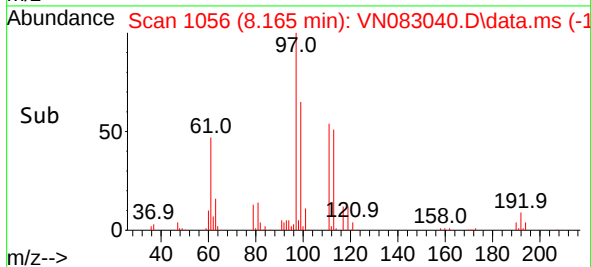
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

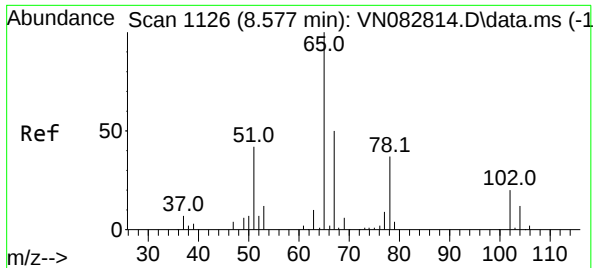


#32
1,1,1-Trichloroethane
Concen: 57.383 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



Tgt Ion: 97 Resp: 206605
Ion Ratio Lower Upper
97 100
99 66.1 52.0 78.0
61 48.7 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 49.654 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

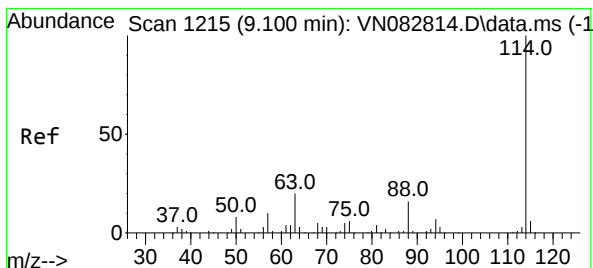
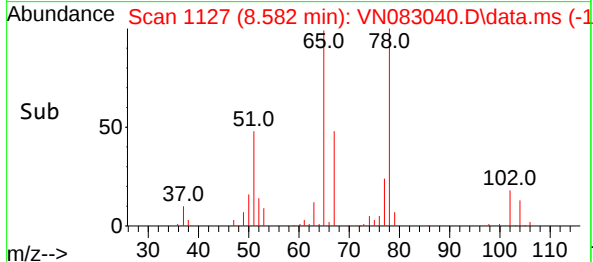
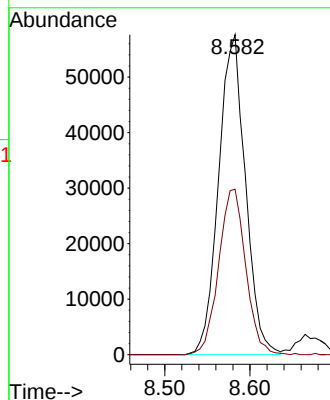
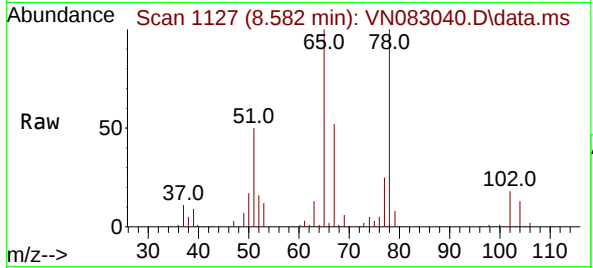
Tgt Ion: 65 Resp: 12596
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4

Manual Integrations

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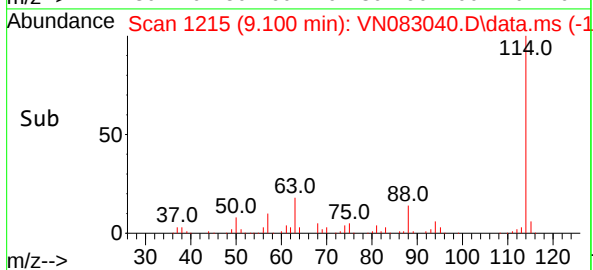
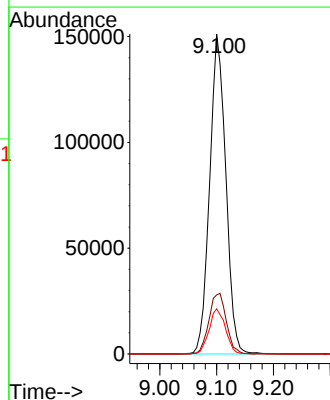
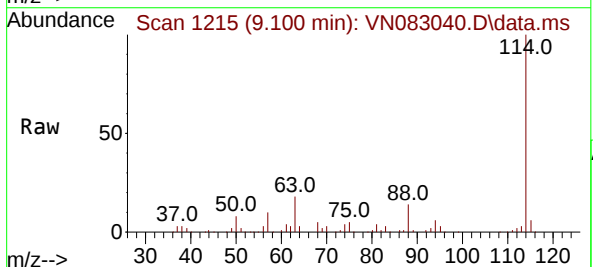
Reviewed By :John Carlone 07/29/2024

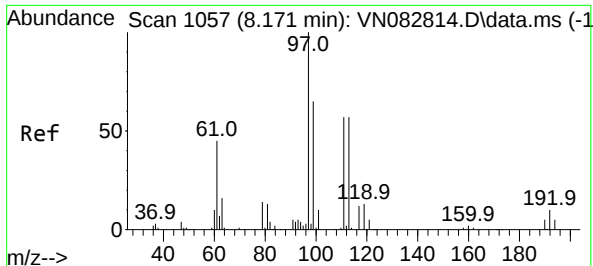
Supervised By :Mahesh Dadoda 07/29/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

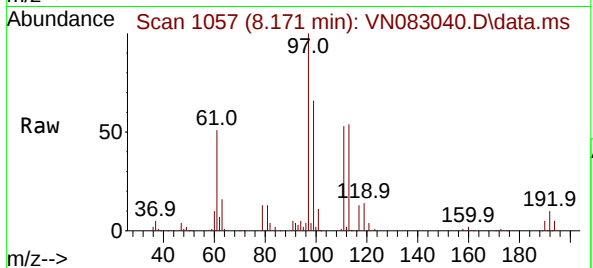
Tgt Ion:114 Resp: 298320
Ion Ratio Lower Upper
114 100
63 18.4 0.0 44.6
88 14.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.726 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

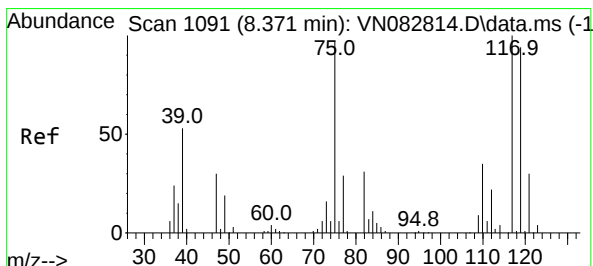
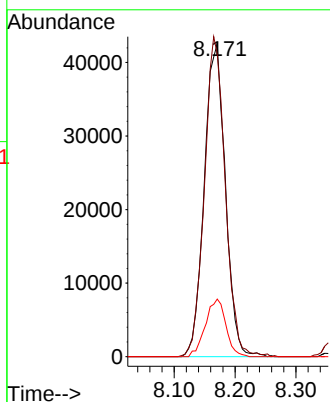
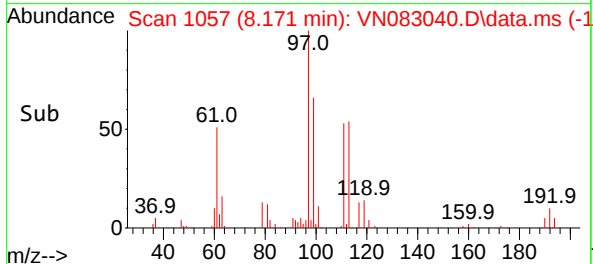
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



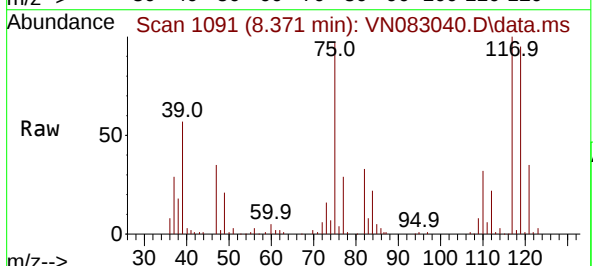
Tgt Ion: 113 Resp: 102844
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 17.8 14.9 22.3

Manual Integrations
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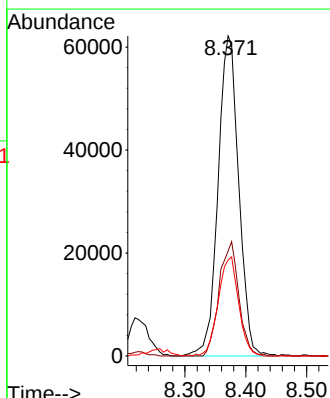
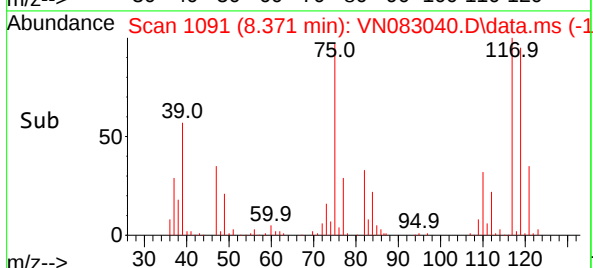
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

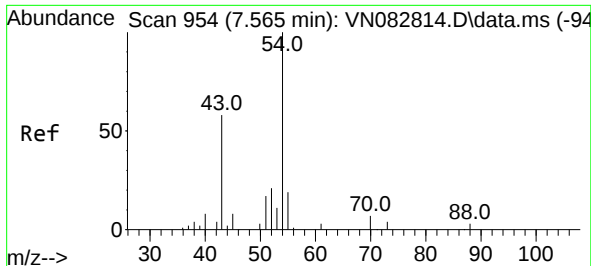


#36
1,1-Dichloropropene
Concen: 55.523 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



Tgt Ion: 75 Resp: 146538
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 30.6 24.6 37.0





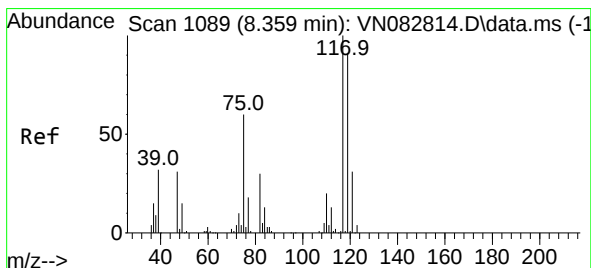
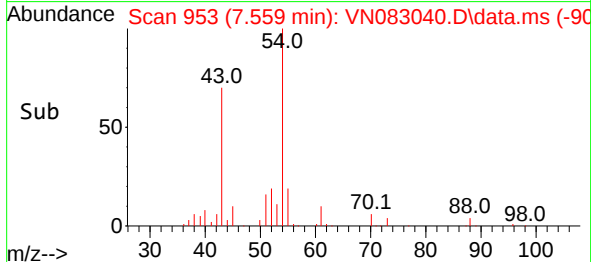
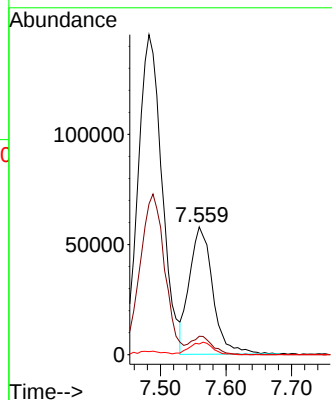
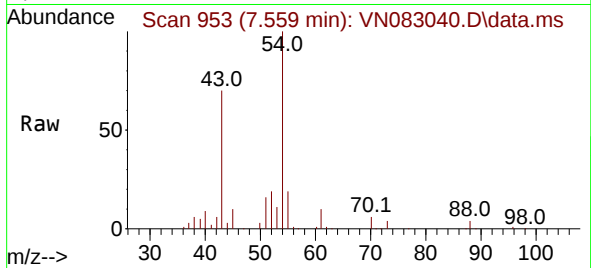
#37
Ethyl Acetate
Concen: 53.234 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 14304
Ion Ratio Lower Upper
43 100
61 13.8 9.3 13.9
70 9.8 7.0 10.6

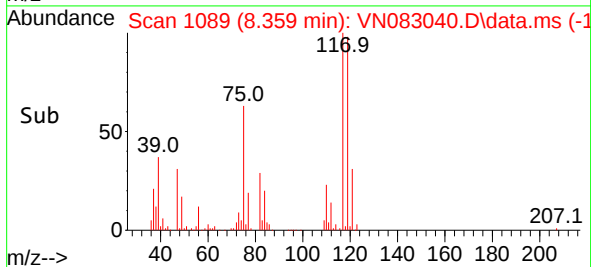
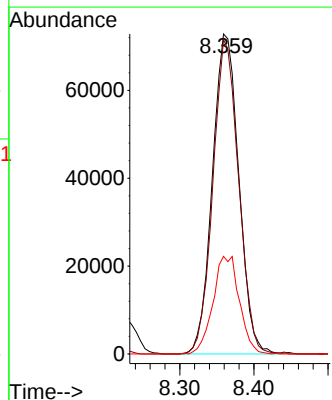
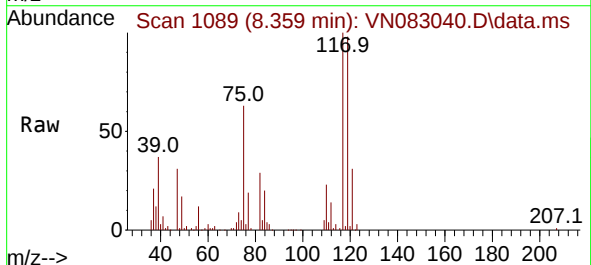
Manual Integrations
APPROVED

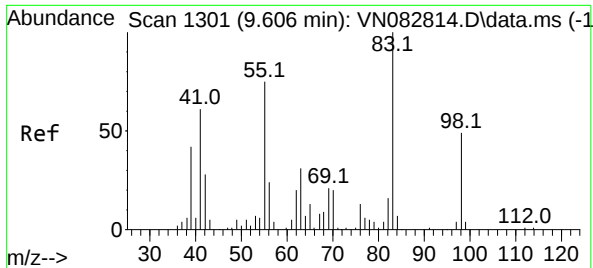
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#38
Carbon Tetrachloride
Concen: 56.701 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

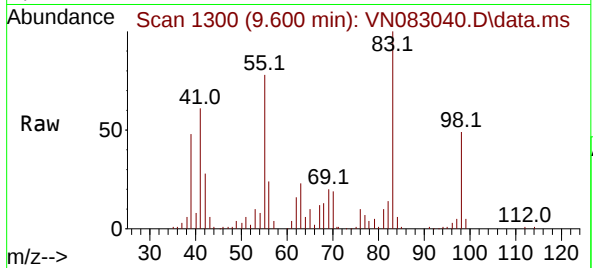
Tgt Ion:117 Resp: 180180
Ion Ratio Lower Upper
117 100
119 98.2 74.9 112.3
121 30.5 24.3 36.5





#39
Methylcyclohexane
Concen: 48.503 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

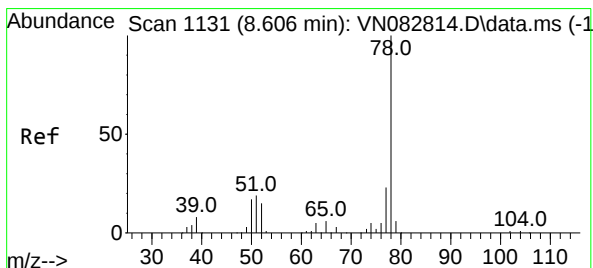
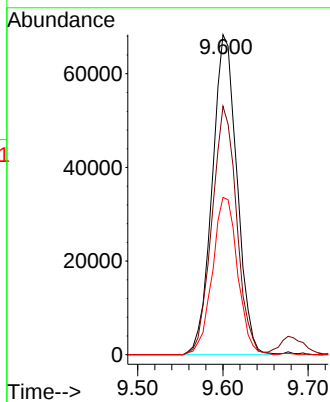
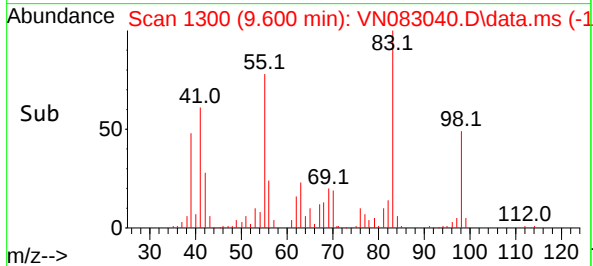
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 138270
Ion Ratio Lower Upper
83 100
55 77.7 66.4 99.6
98 49.1 40.7 61.1

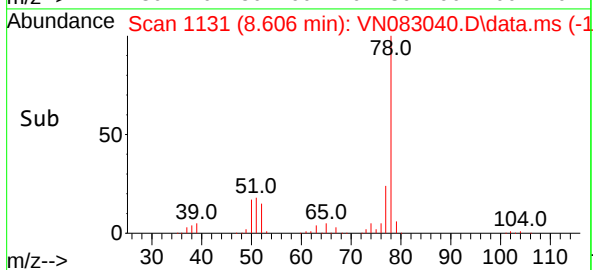
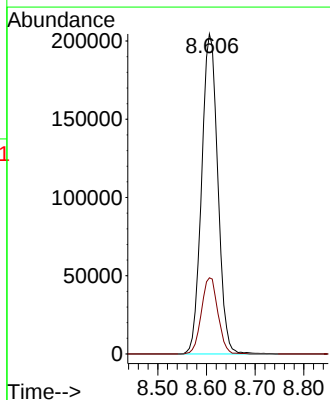
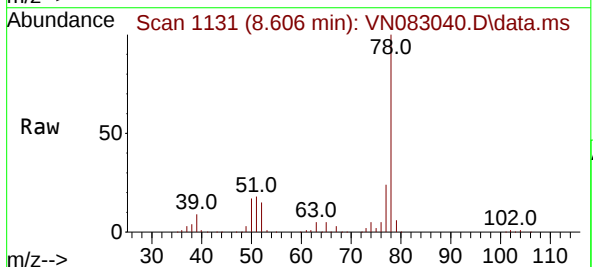
Manual Integrations
APPROVED

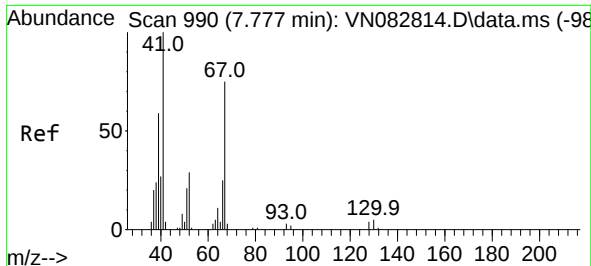
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#40
Benzene
Concen: 57.977 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion: 78 Resp: 470682
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





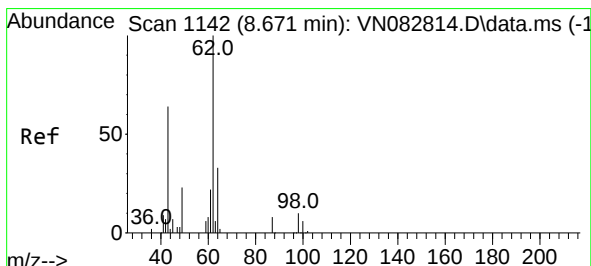
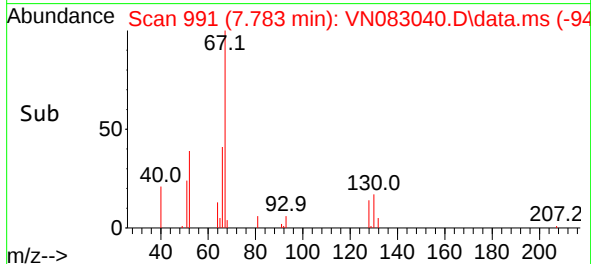
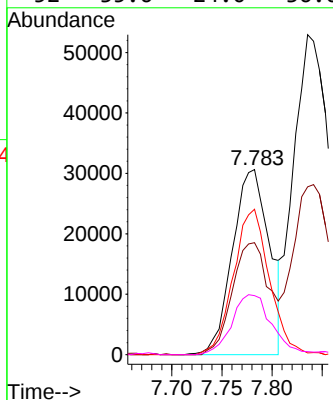
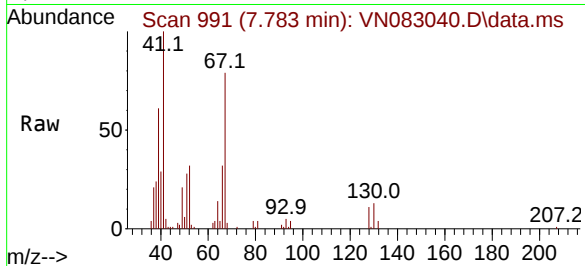
#41
Methacrylonitrile
Concen: 54.352 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 78680
Ion Ratio Lower Upper
41 100
39 60.7 45.5 68.3
67 76.4 50.5 75.7
52 35.6 24.0 36.0

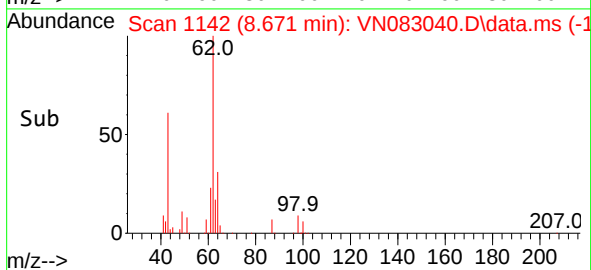
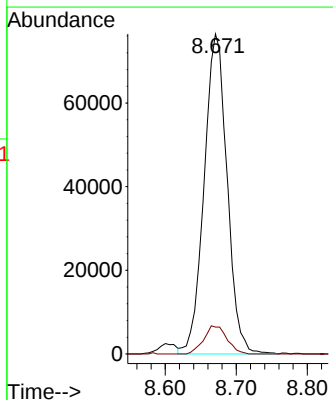
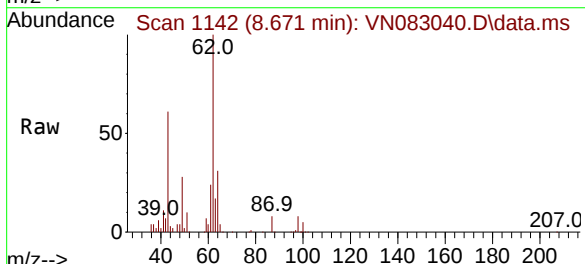
Manual Integrations
APPROVED

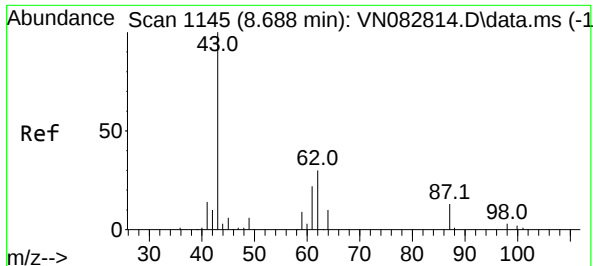
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#42
1,2-Dichloroethane
Concen: 58.907 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

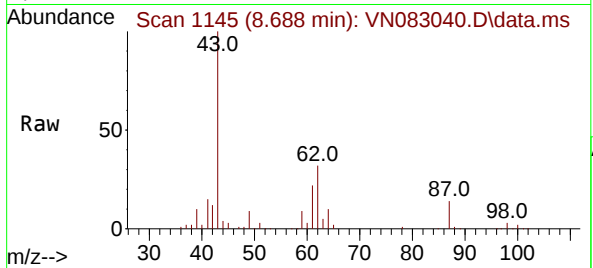
Tgt Ion: 62 Resp: 172161
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.518 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

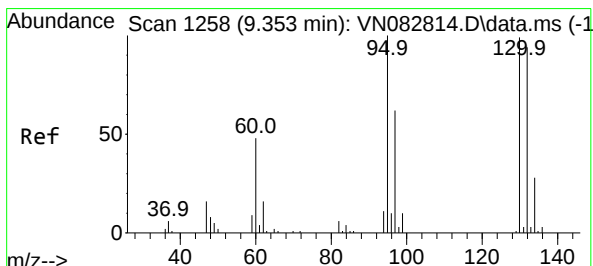
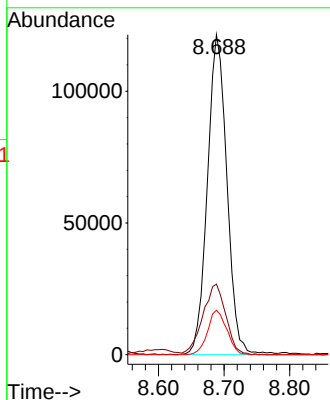
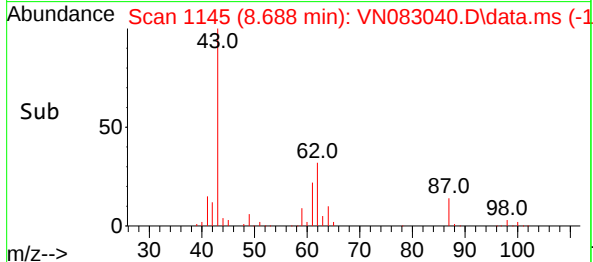
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



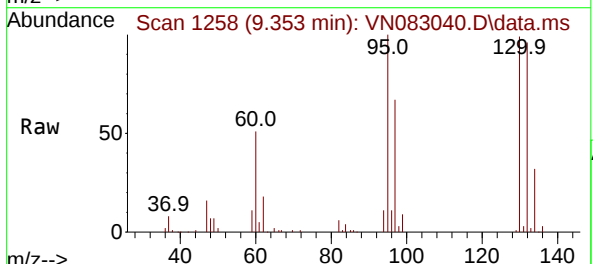
Tgt Ion: 43 Resp: 25102
Ion Ratio Lower Upper
43 100
61 26.0 17.8 26.6
87 13.7 8.2 12.2

Manual Integrations
APPROVED

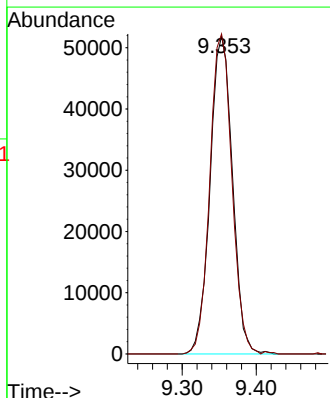
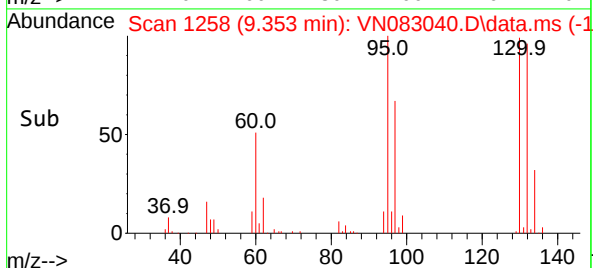
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

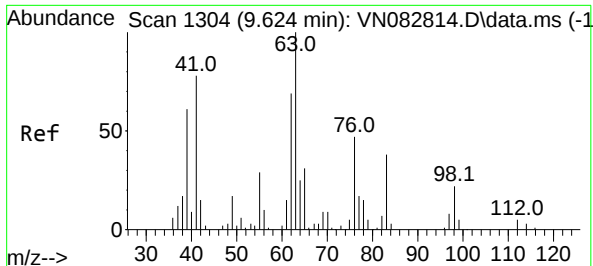


#44
Trichloroethene
Concen: 52.248 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



Tgt Ion:130 Resp: 108671
Ion Ratio Lower Upper
130 100
95 100.7 0.0 197.8





#45

1,2-Dichloropropane

Concen: 63.289 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN083040.D

Acq: 26 Jul 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 119954

Ion Ratio Lower Upper

63 100

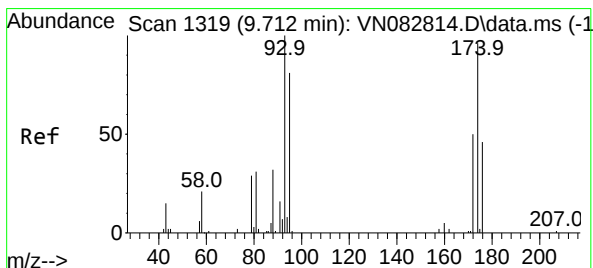
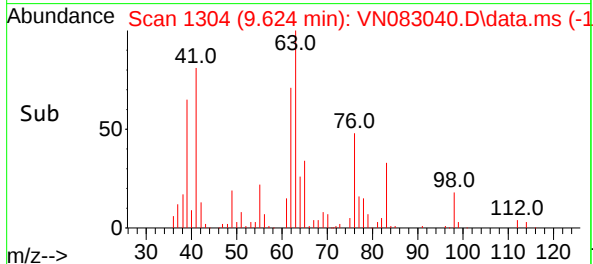
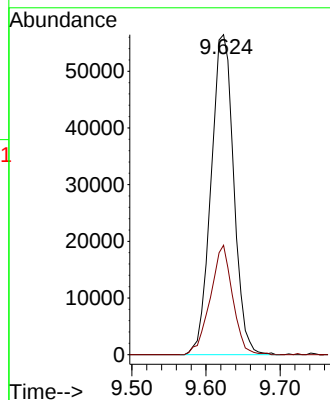
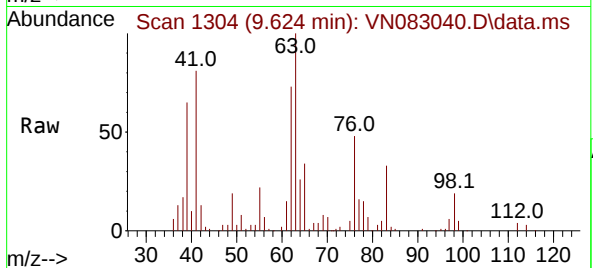
65 34.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#46

Dibromomethane

Concen: 59.311 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083040.D

Acq: 26 Jul 2024 10:11

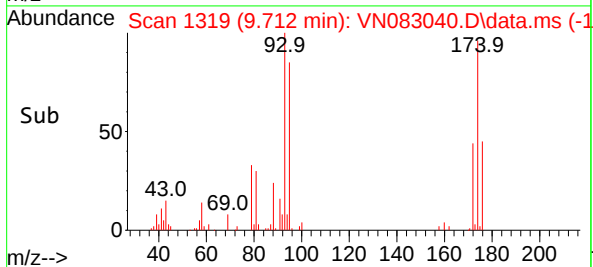
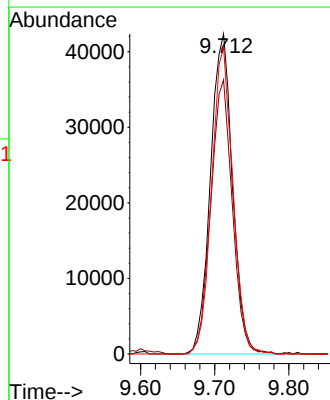
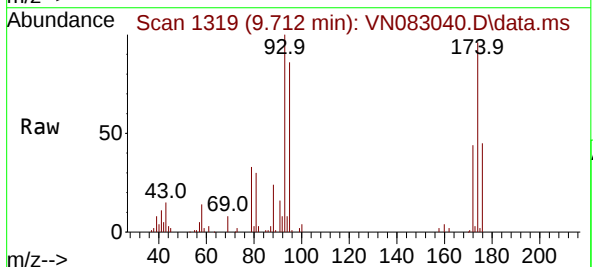
Tgt Ion: 93 Resp: 87577

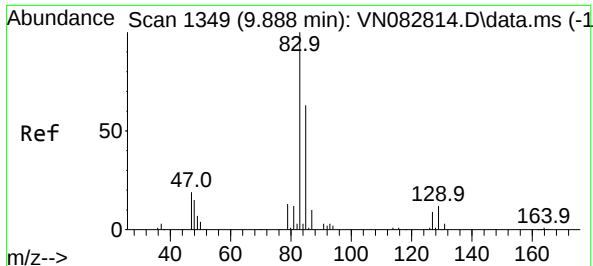
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

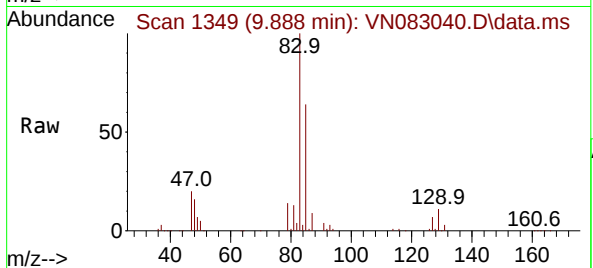
174 92.2 71.7 107.5





#47
Bromodichloromethane
Concen: 61.015 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

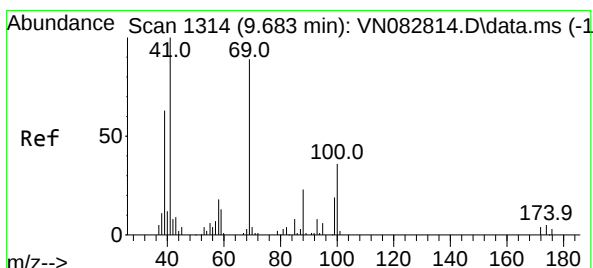
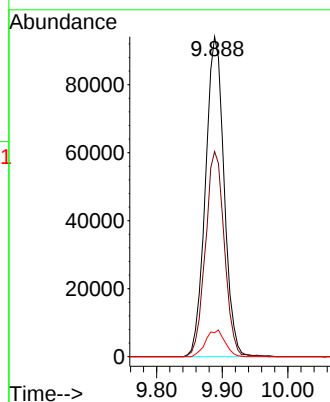
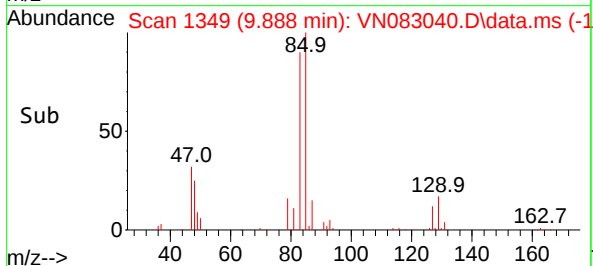
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18615
Ion Ratio Lower Upper
83 100
85 64.1 51.1 76.7
127 7.5 7.2 10.8

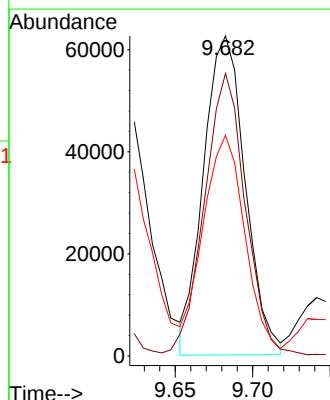
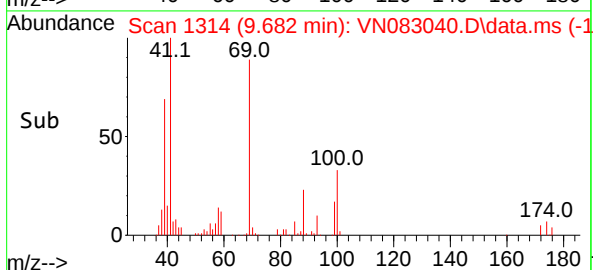
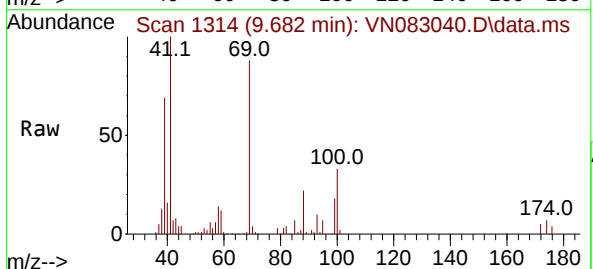
Manual Integrations
APPROVED

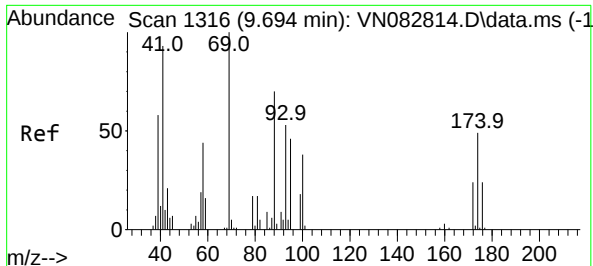
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#48
Methyl methacrylate
Concen: 55.446 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion: 41 Resp: 116818
Ion Ratio Lower Upper
41 100
69 87.6 56.3 84.5#
39 69.6 50.3 75.5





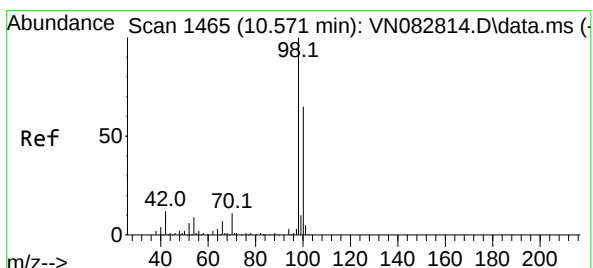
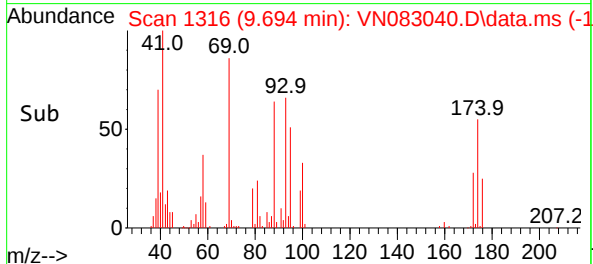
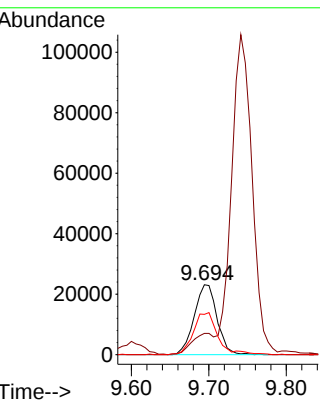
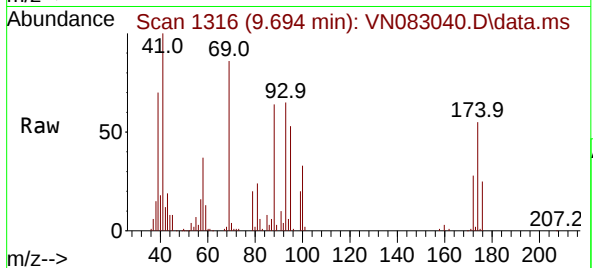
#49
1,4-Dioxane
Concen: 1031.128 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 4722
Ion Ratio Lower Upper
88 100
43 29.1 27.8 41.8
58 64.3 59.4 89.0

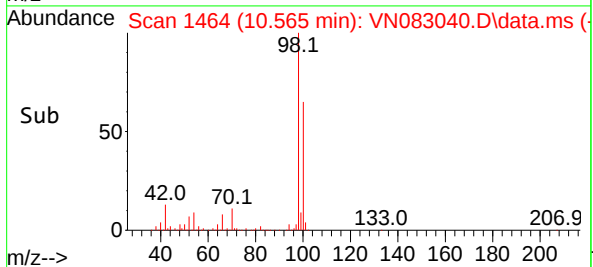
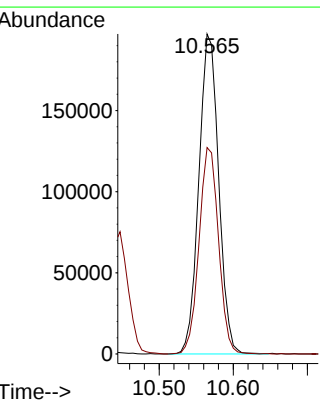
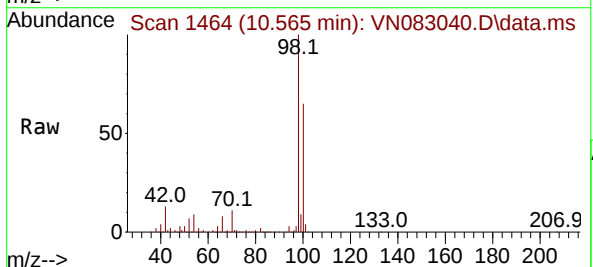
Manual Integrations
APPROVED

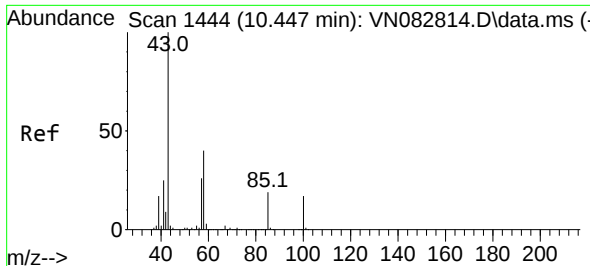
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#50
Toluene-d8
Concen: 51.641 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

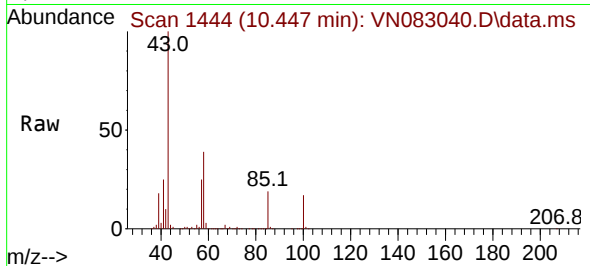
Tgt Ion: 98 Resp: 365114
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 298.066 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

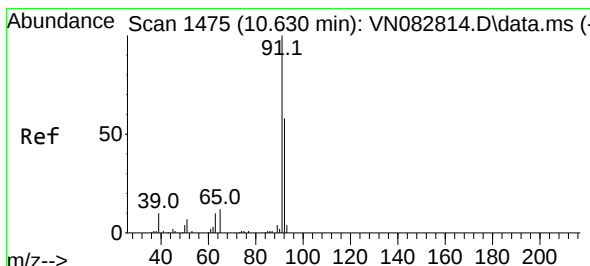
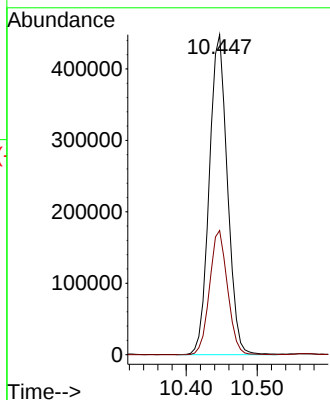
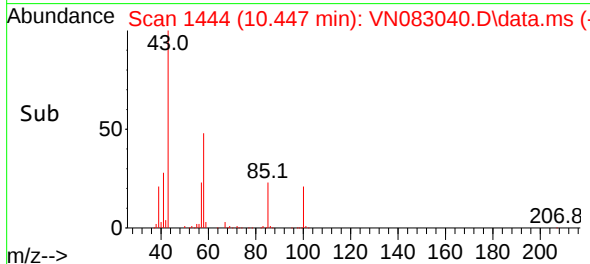
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 793990
Ion Ratio Lower Upper
43 100
58 38.4 28.2 42.4

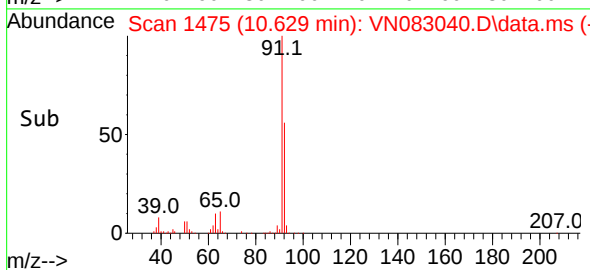
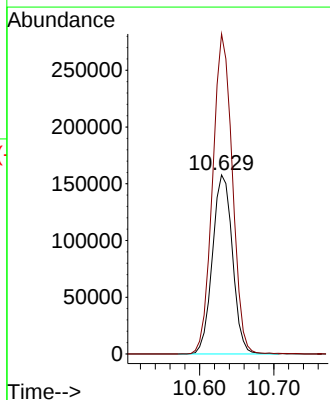
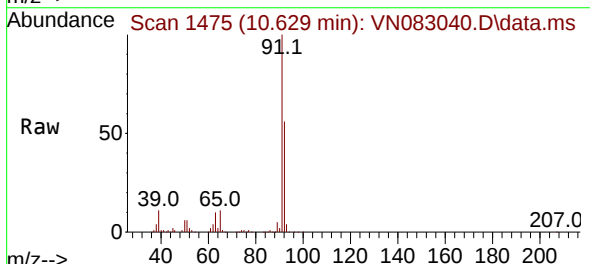
Manual Integrations
APPROVED

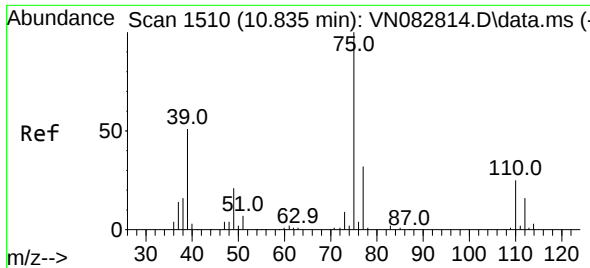
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#52
Toluene
Concen: 58.258 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

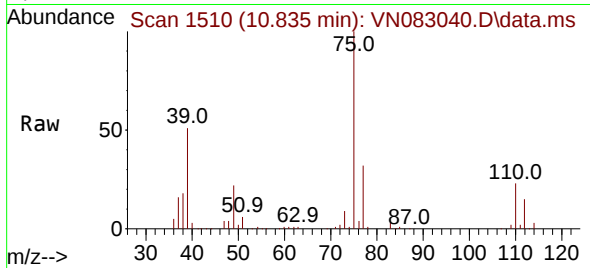
Tgt Ion: 92 Resp: 295445
Ion Ratio Lower Upper
92 100
91 176.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 58.703 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

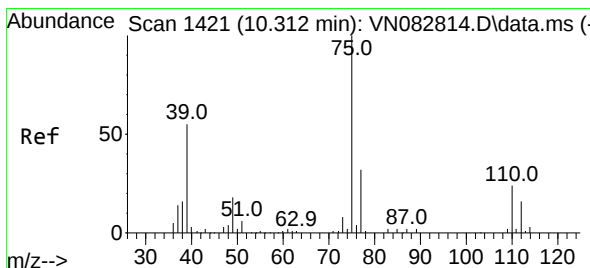
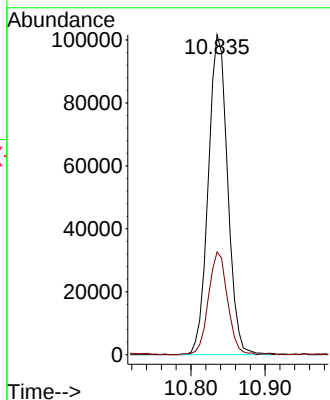
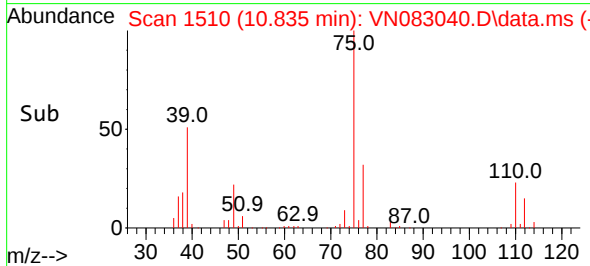
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



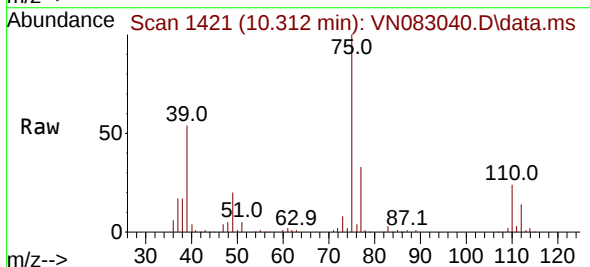
Tgt Ion: 75 Resp: 18450
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

Manual Integrations
APPROVED

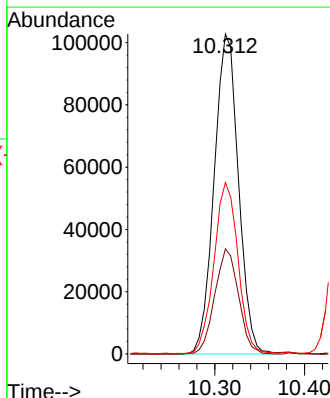
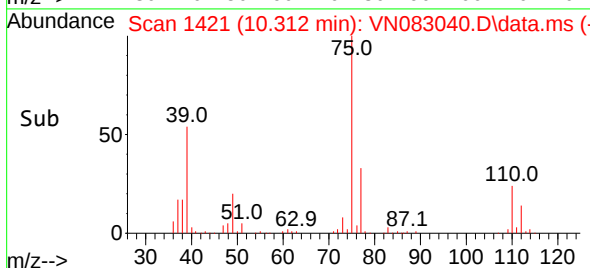
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

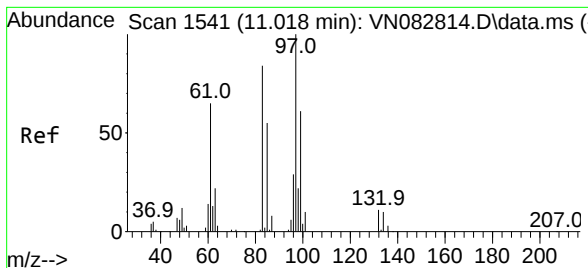


#54
cis-1,3-Dichloropropene
Concen: 58.026 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



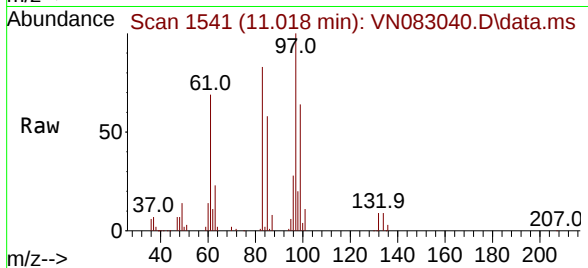
Tgt Ion: 75 Resp: 193043
Ion Ratio Lower Upper
75 100
77 32.9 24.3 36.5
39 53.3 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 64.544 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

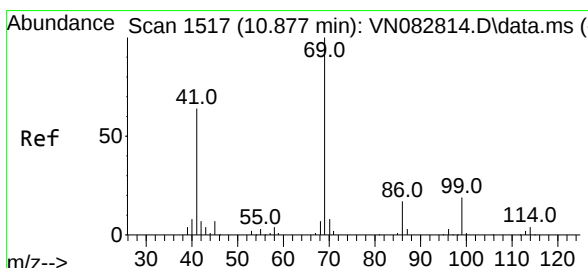
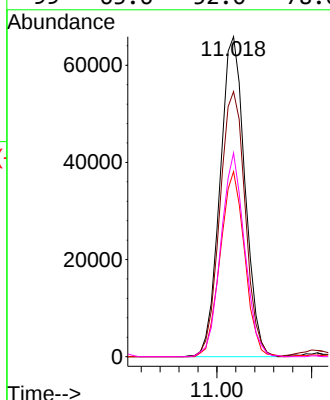
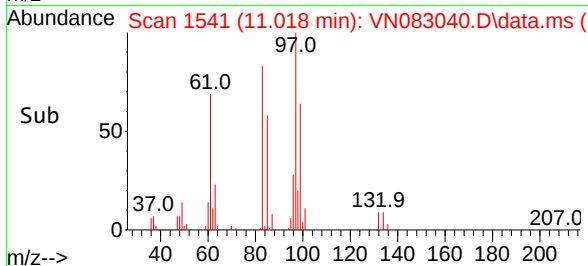
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



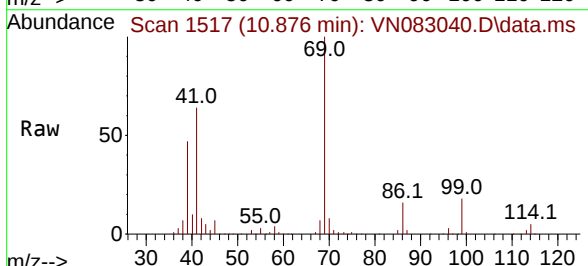
Tgt Ion: 97 Resp: 120364
Ion Ratio Lower Upper
97 100
83 82.8 71.4 107.0
85 57.8 45.8 68.6
99 63.6 52.0 78.0

Manual Integrations
APPROVED

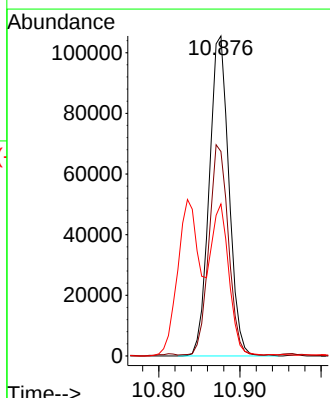
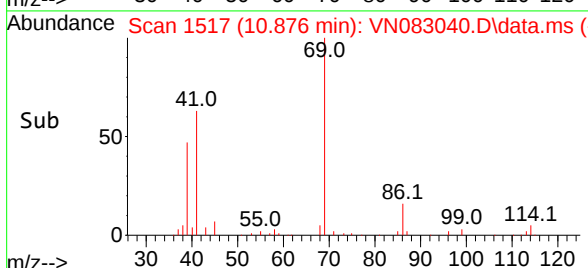
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

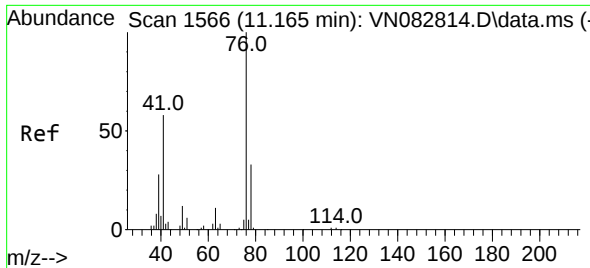


#56
Ethyl methacrylate
Concen: 61.185 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



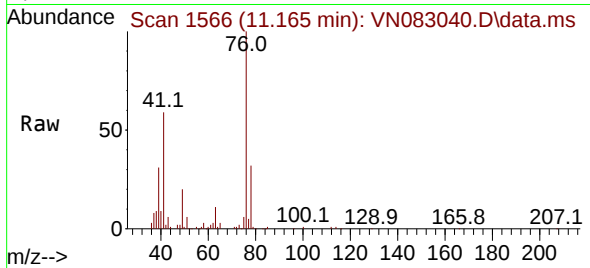
Tgt Ion: 69 Resp: 177515
Ion Ratio Lower Upper
69 100
41 64.7 63.4 95.2
39 41.5 37.4 56.0





#57
1,3-Dichloropropane
Concen: 60.883 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

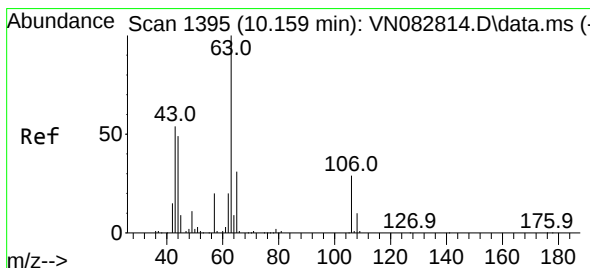
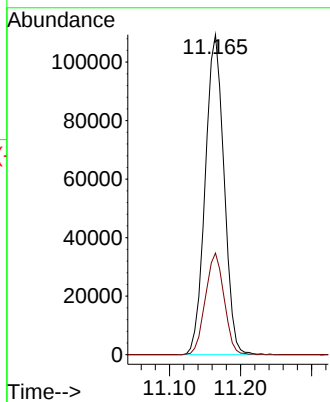
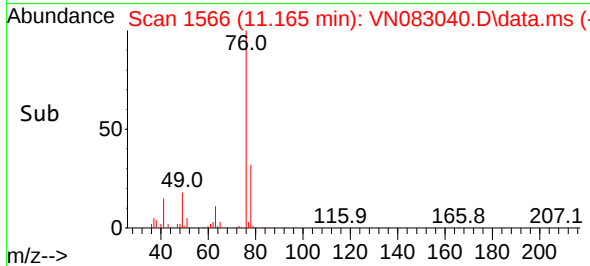
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 200973
Ion Ratio Lower Upper
76 100
78 31.6 25.6 38.4

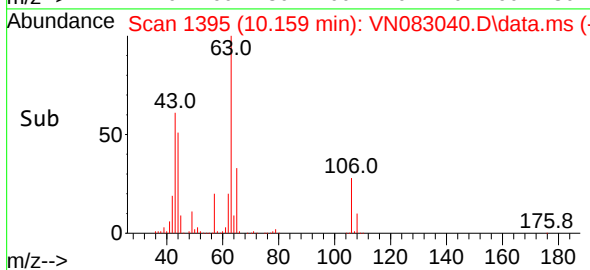
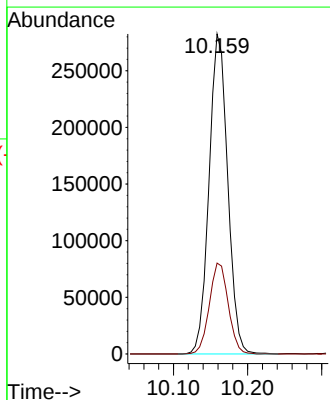
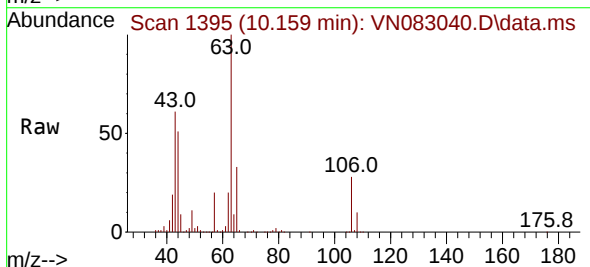
Manual Integrations
APPROVED

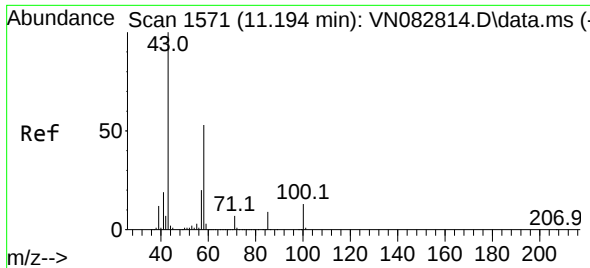
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 331.238 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

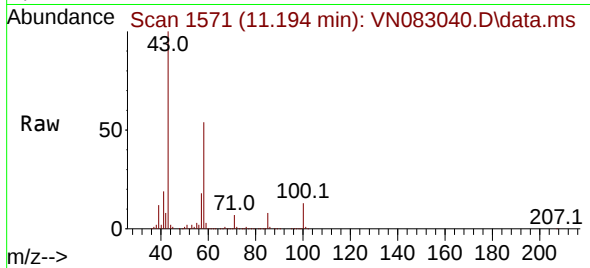
Tgt Ion: 63 Resp: 493125
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 297.978 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

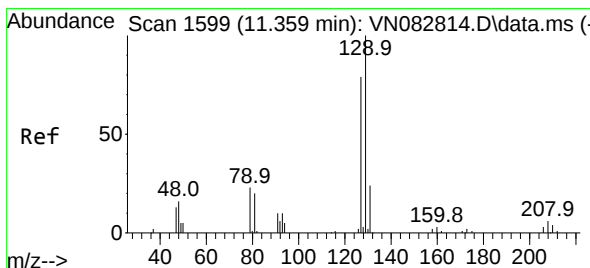
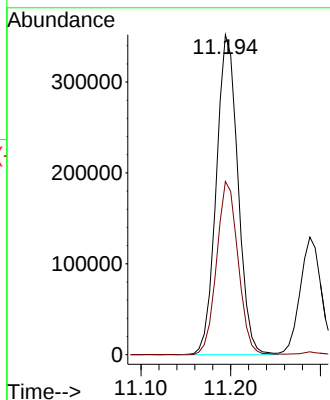
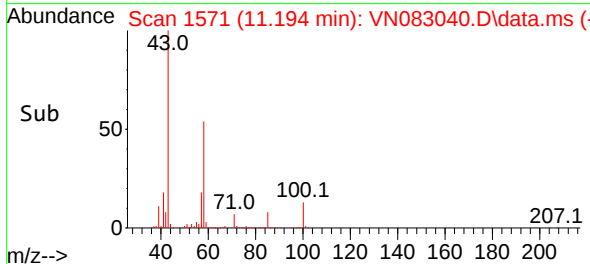
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 590148
Ion Ratio Lower Upper
43 100
58 53.7 24.6 73.8

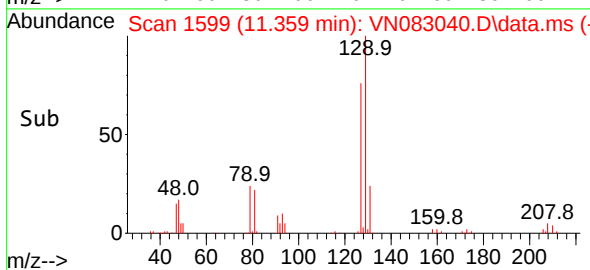
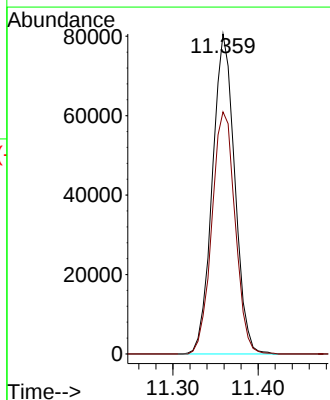
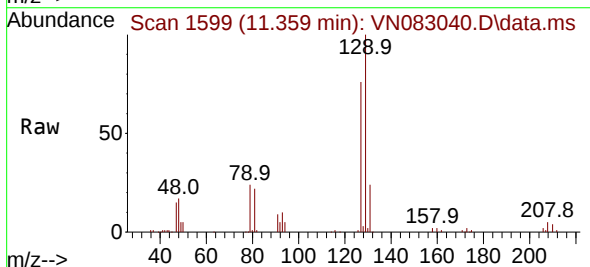
Manual Integrations
APPROVED

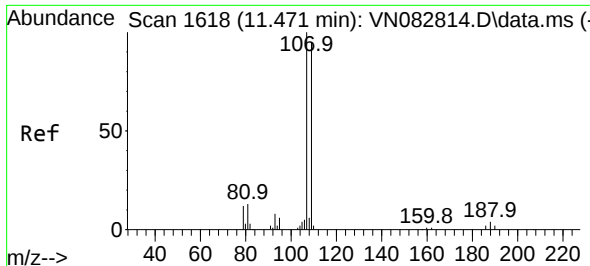
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#60
Dibromochloromethane
Concen: 61.762 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

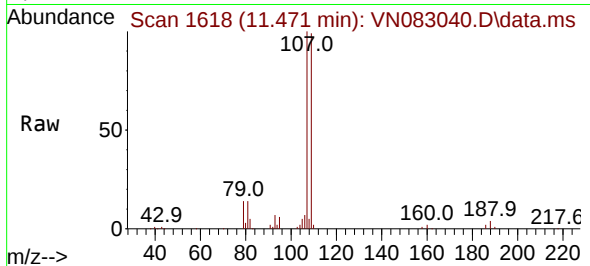
Tgt Ion:129 Resp: 146695
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 58.175 ug/l
RT: 11.471 min Scan# 1107
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

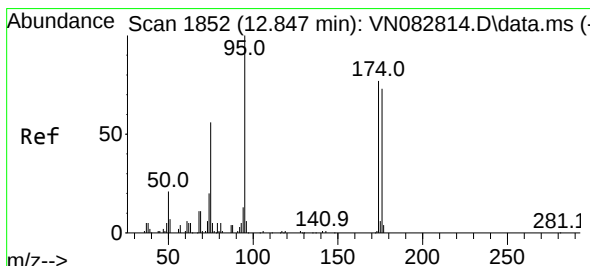
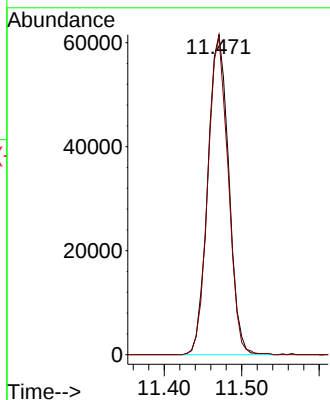
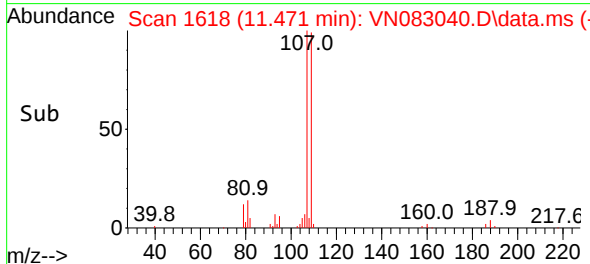
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



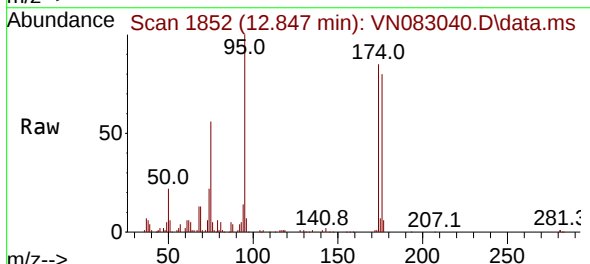
Tgt Ion:107 Resp: 115209
Ion Ratio Lower Upper
107 100
109 96.6 73.7 110.5

Manual Integrations
APPROVED

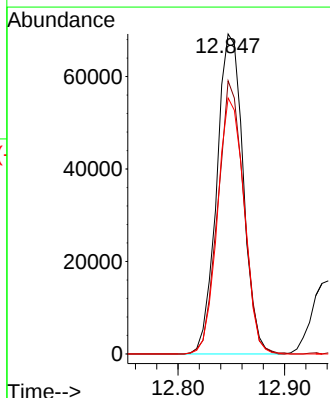
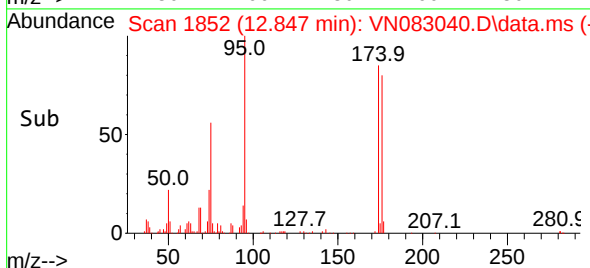
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

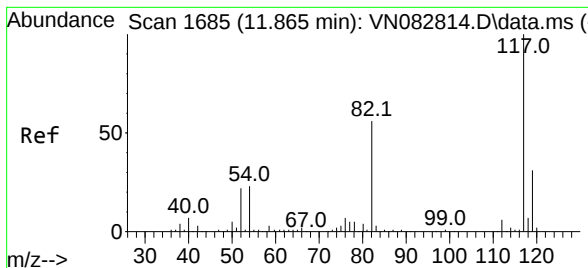


#62
4-Bromofluorobenzene
Concen: 46.949 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



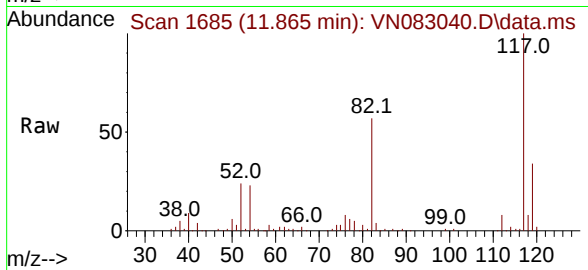
Tgt Ion: 95 Resp: 119236
Ion Ratio Lower Upper
95 100
174 83.4 0.0 159.2
176 80.6 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

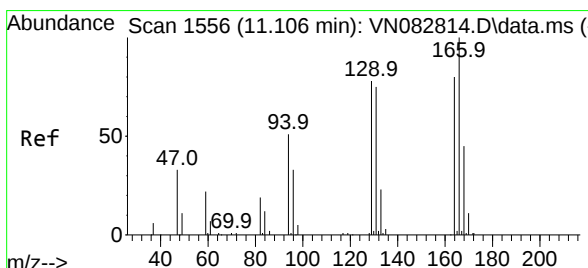
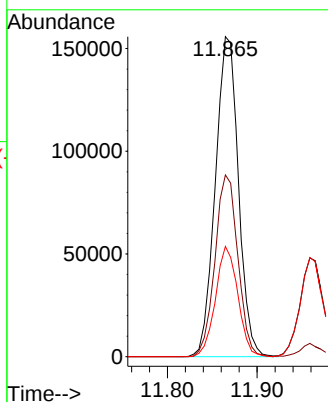
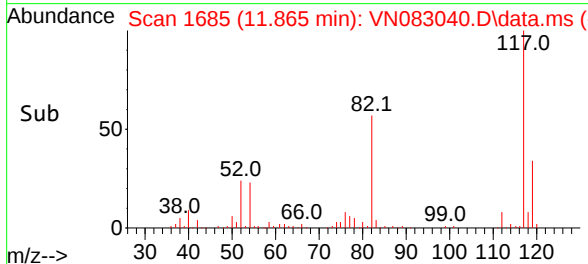
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 278734
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 34.5 25.6 38.4

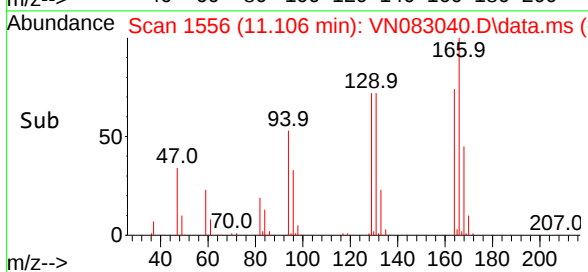
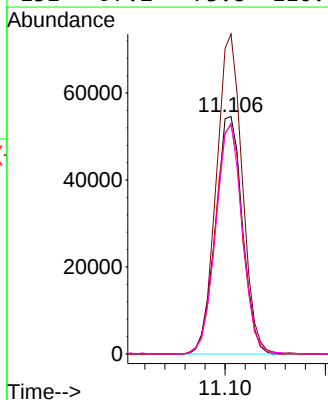
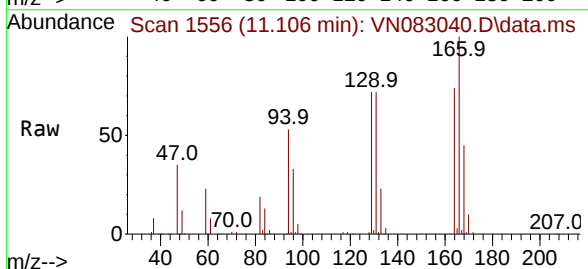
Manual Integrations
APPROVED

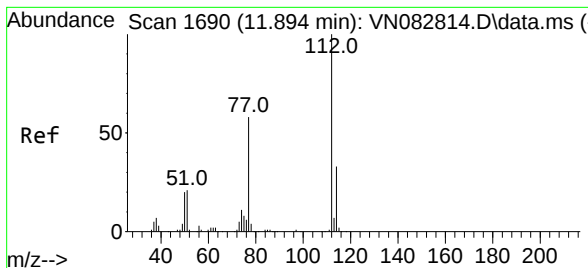
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#64
Tetrachloroethene
Concen: 48.774 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

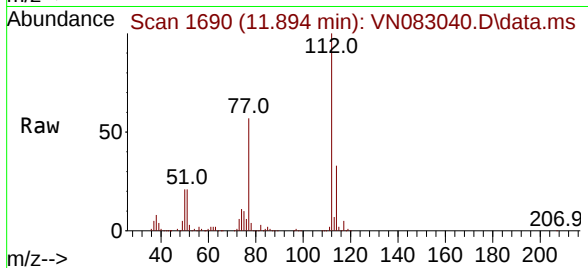
Tgt Ion:164 Resp: 101428
Ion Ratio Lower Upper
164 100
166 134.8 101.4 152.0
129 96.5 75.7 113.5
131 97.2 73.8 110.6





#65
Chlorobenzene
Concen: 55.297 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

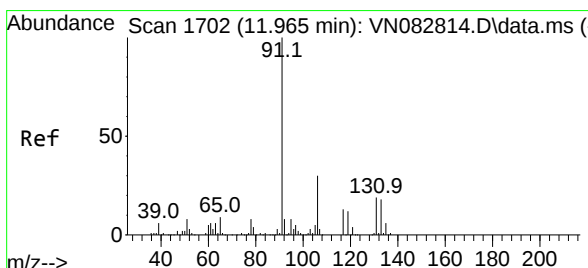
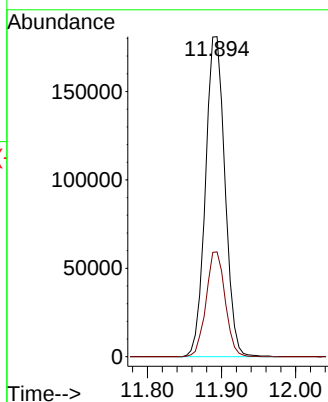
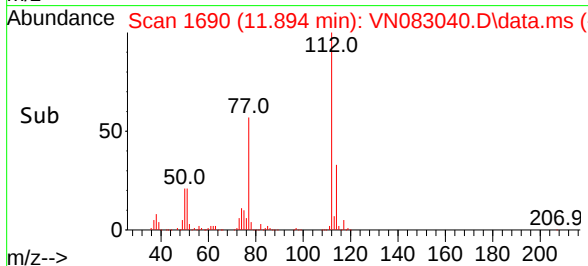
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



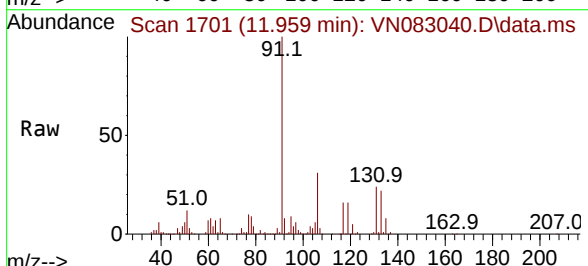
Tgt Ion:112 Resp: 330279
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2

Manual Integrations
APPROVED

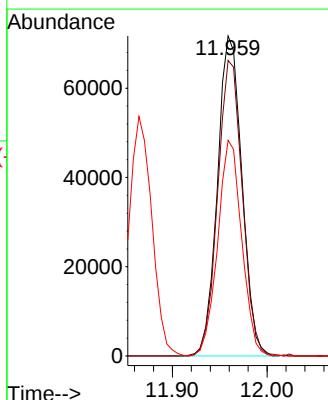
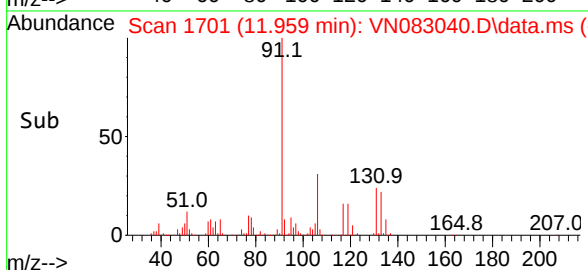
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

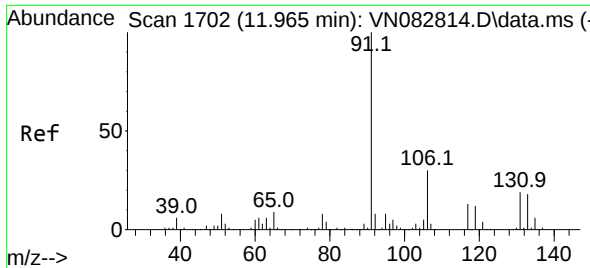


#66
1,1,1,2-Tetrachloroethane
Concen: 60.566 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



Tgt Ion:131 Resp: 128675
Ion Ratio Lower Upper
131 100
133 93.0 47.3 142.0
119 66.3 32.5 97.4





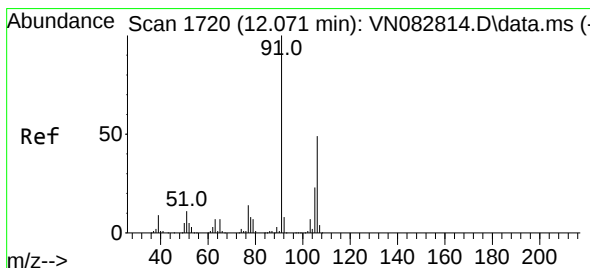
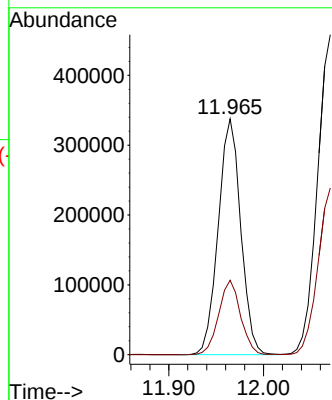
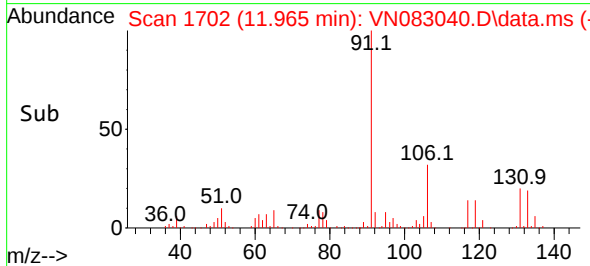
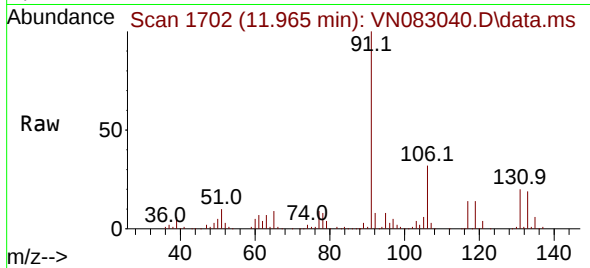
#67
Ethyl Benzene
Concen: 55.592 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 558064
Ion Ratio Lower Upper
91 100
106 31.5 24.0 36.0

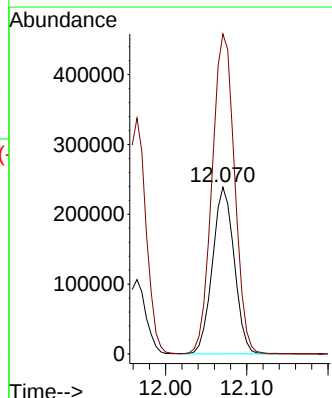
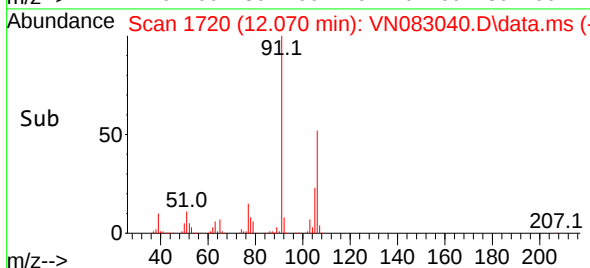
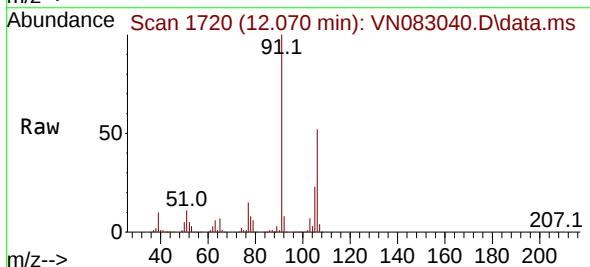
Manual Integrations
APPROVED

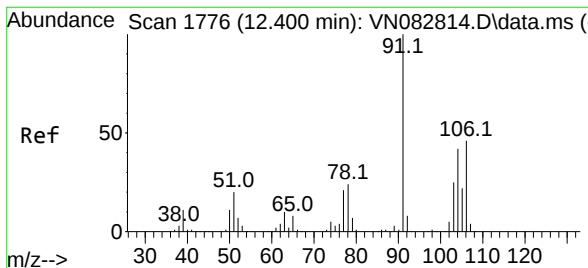
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#68
m/p-Xylenes
Concen: 117.080 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion:106 Resp: 443726
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1





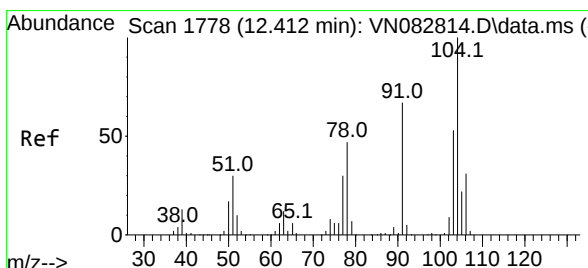
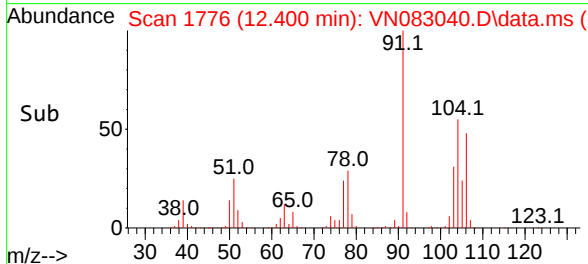
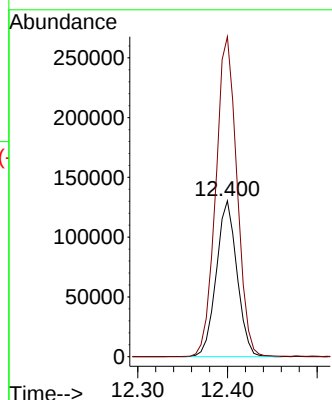
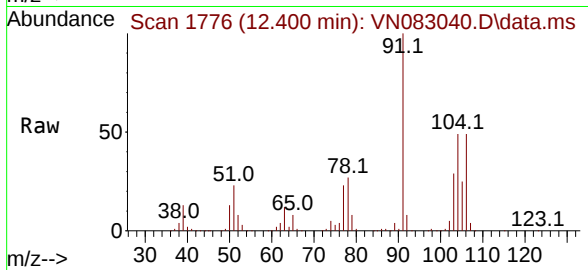
#69
o-Xylene
Concen: 57.449 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 20862
Ion Ratio Lower Upper
106 100
91 210.5 111.3 333.9

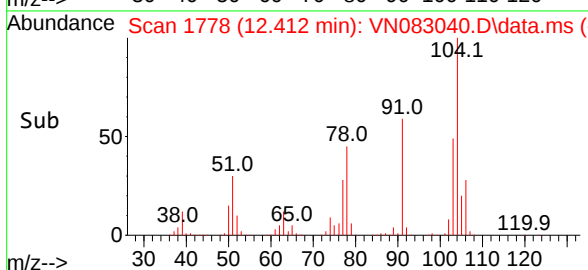
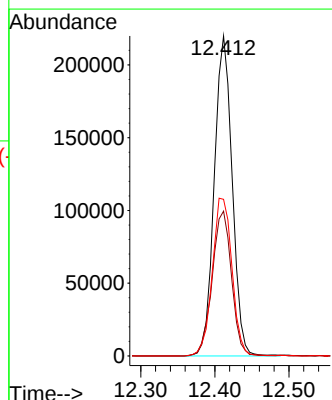
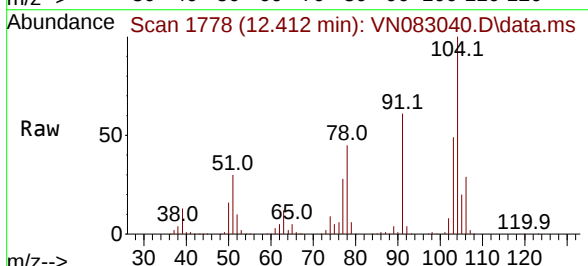
Manual Integrations
APPROVED

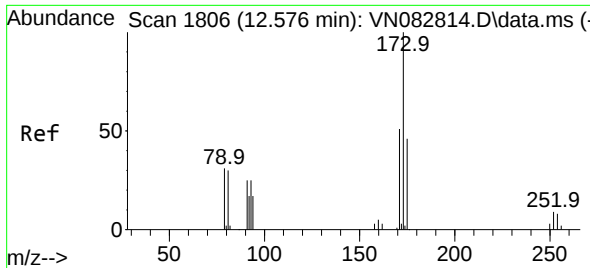
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#70
Styrene
Concen: 61.544 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

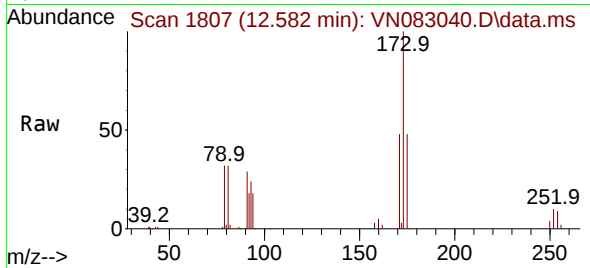
Tgt Ion:104 Resp: 369274
Ion Ratio Lower Upper
104 100
78 48.9 41.6 62.4
103 54.2 44.0 66.0





#71
Bromoform
Concen: 59.132 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

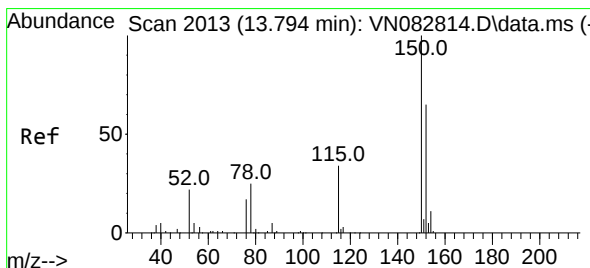
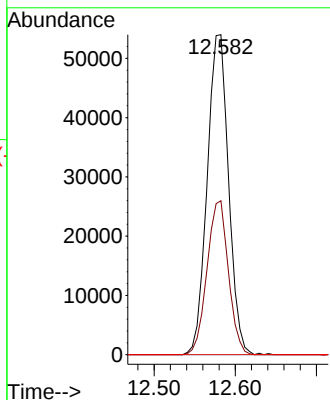
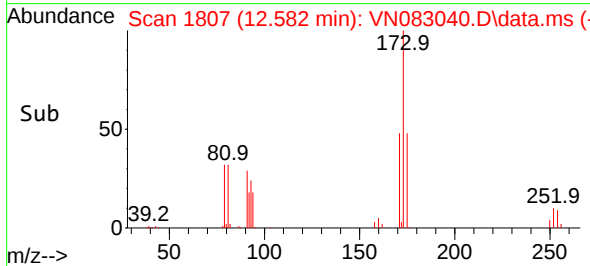
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 98799
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0

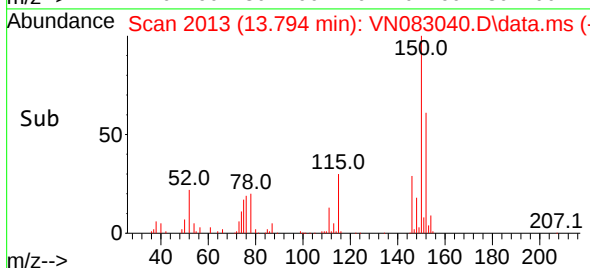
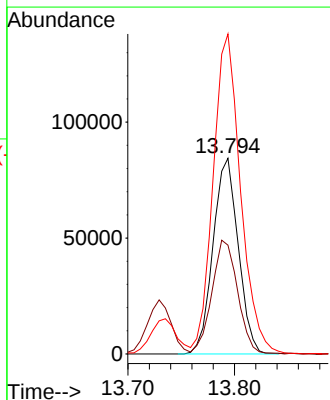
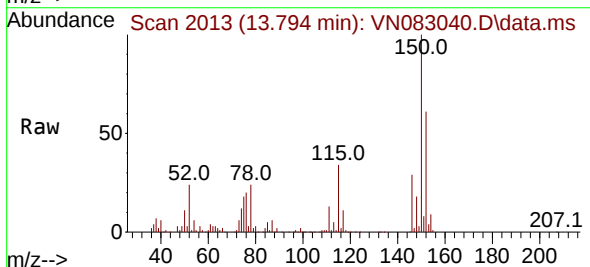
Manual Integrations
APPROVED

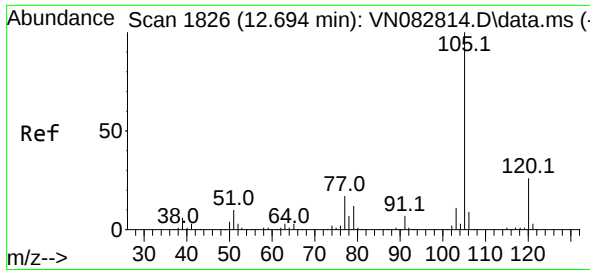
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion:152 Resp: 138655
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.6
150 178.0 0.0 348.6





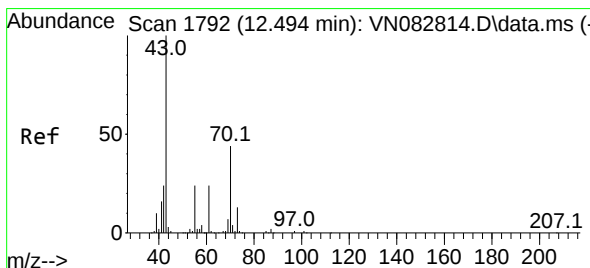
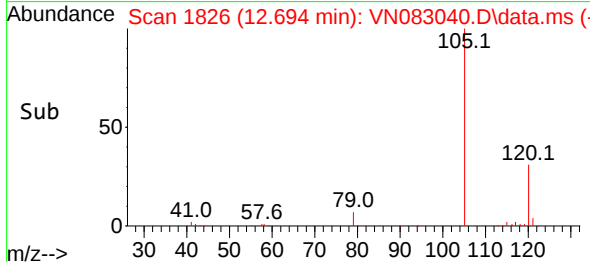
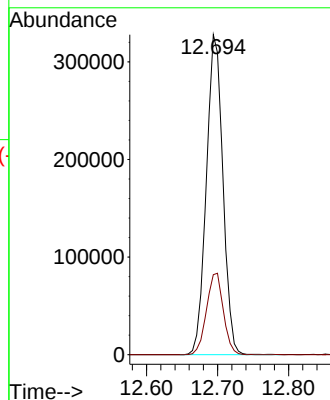
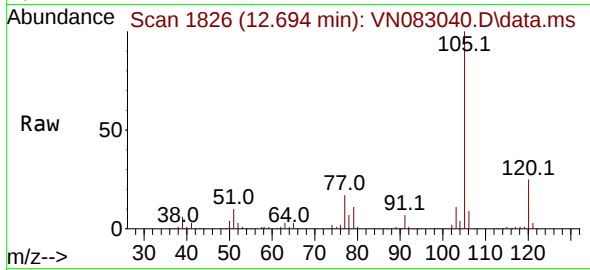
#73
Isopropylbenzene
Concen: 52.765 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 53162
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

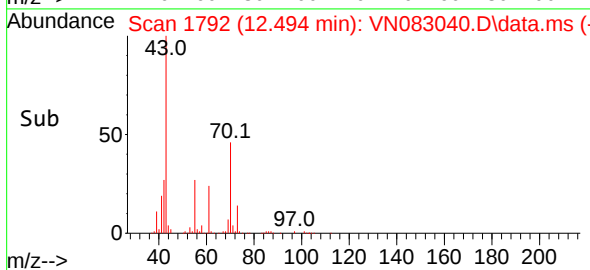
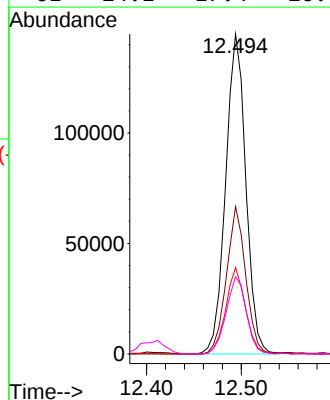
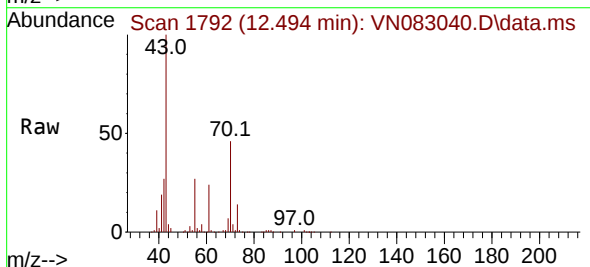
Manual Integrations
APPROVED

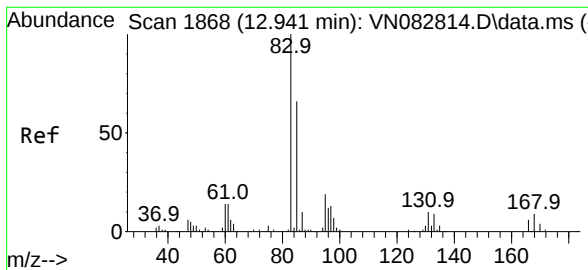
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#74
N-ethyl acetate
Concen: 51.529 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

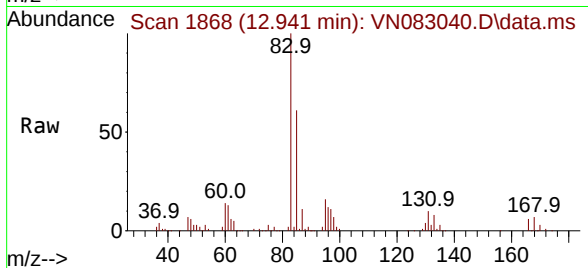
Tgt Ion: 43 Resp: 214746
Ion Ratio Lower Upper
43 100
70 44.1 29.8 44.6
55 26.5 18.7 28.1
61 24.1 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 55.927 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

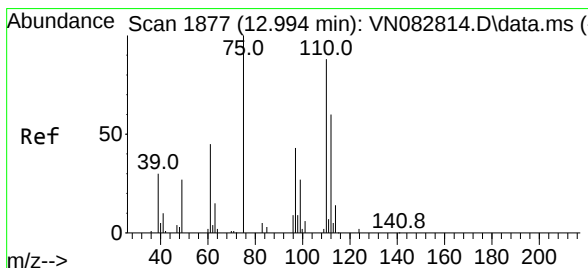
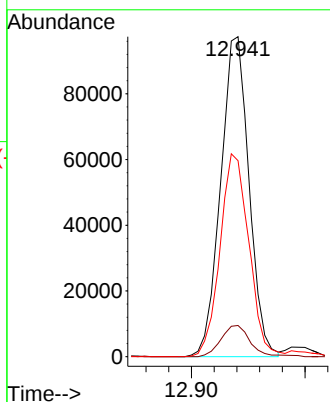
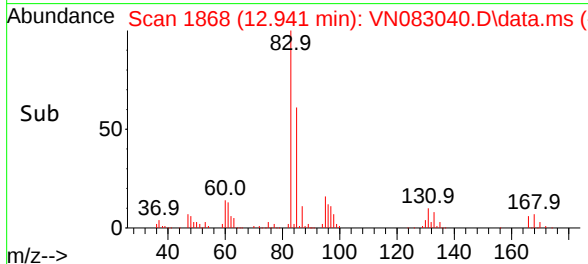
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



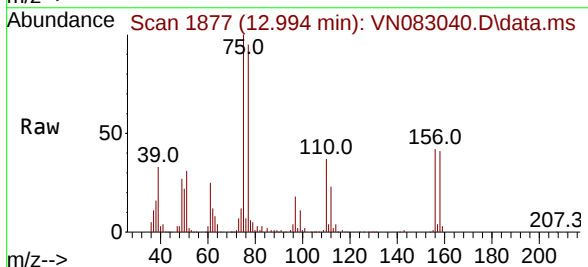
Tgt Ion: 83 Resp: 168758
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.6 31.9 95.7

Manual Integrations
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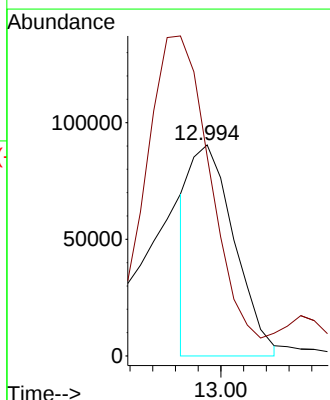
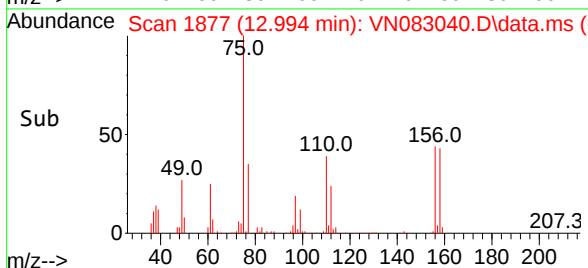
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

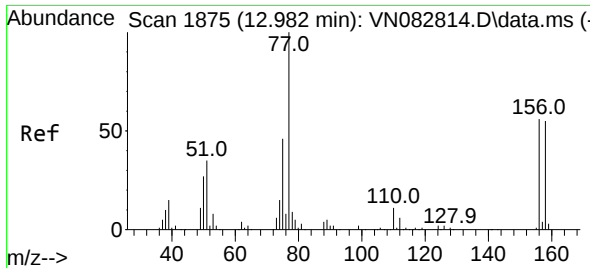


#76
1,2,3-Trichloropropane
Concen: 51.282 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



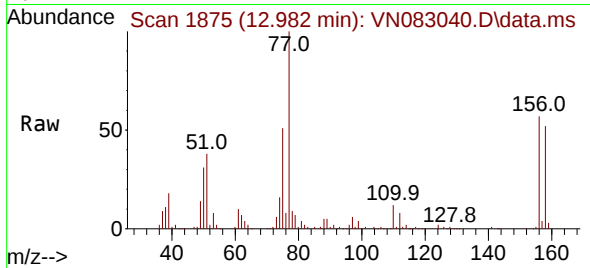
Tgt Ion: 75 Resp: 122589
Ion Ratio Lower Upper
75 100
77 228.5 110.9 332.6





#77
Bromobenzene
Concen: 52.355 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

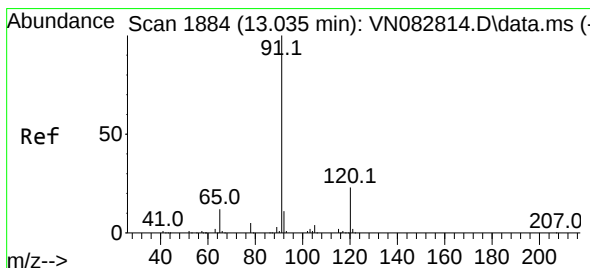
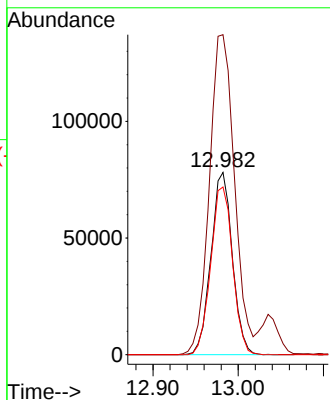
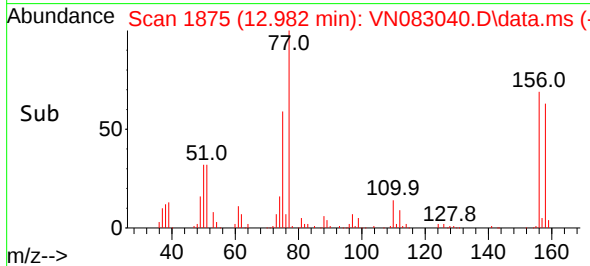
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 136083
Ion Ratio Lower Upper
156 100
77 205.9 111.3 333.8
158 94.2 48.3 144.9

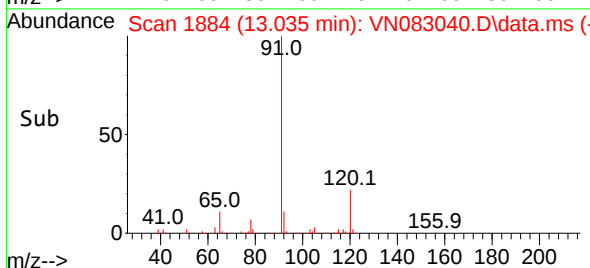
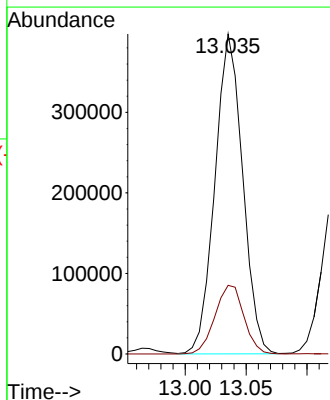
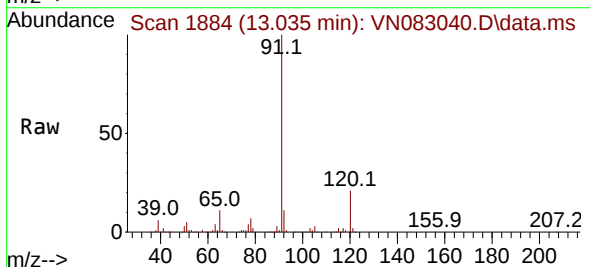
Manual Integrations
APPROVED

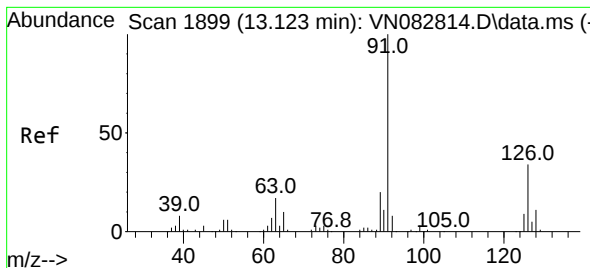
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#78
n-propylbenzene
Concen: 54.287 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Tgt Ion: 91 Resp: 628877
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





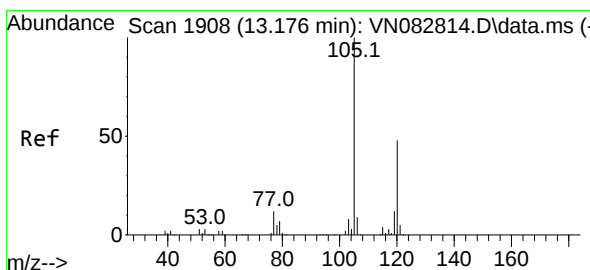
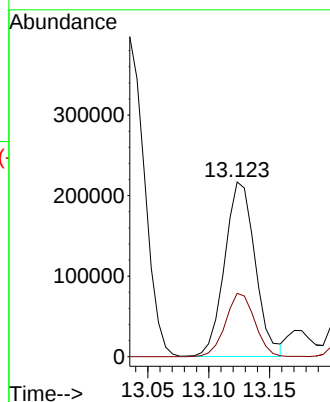
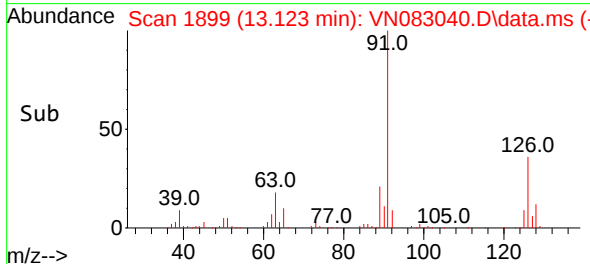
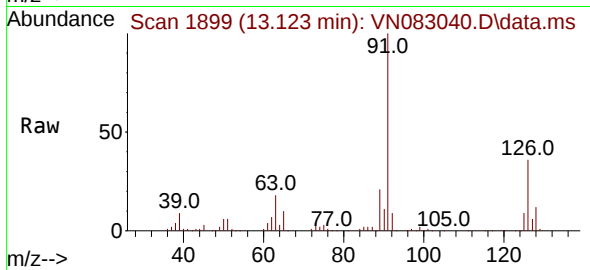
#79
2-Chlorotoluene
Concen: 51.373 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 379184
Ion Ratio Lower Upper
91 100
126 34.7 16.2 48.6

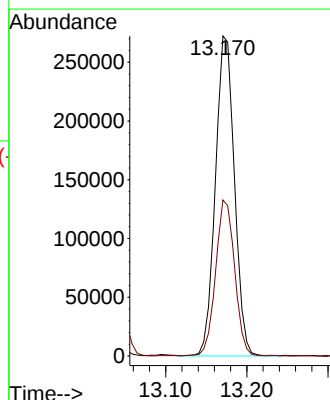
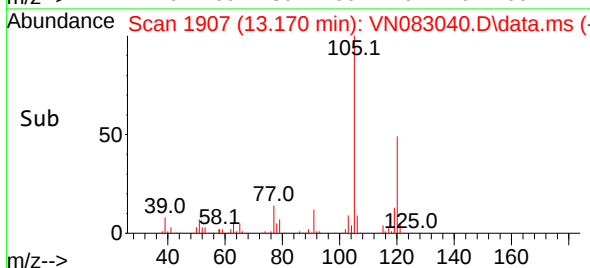
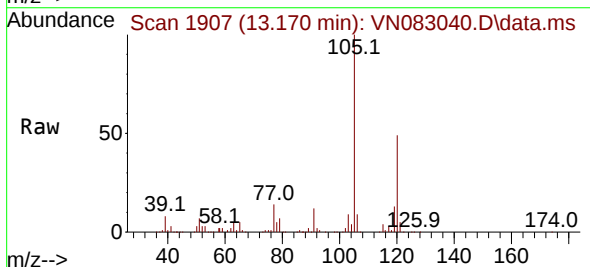
Manual Integrations
APPROVED

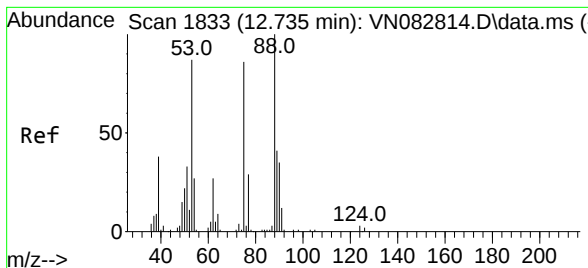
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.577 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

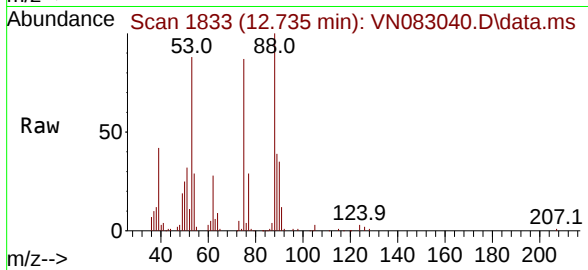
Tgt Ion:105 Resp: 444482
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.332 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

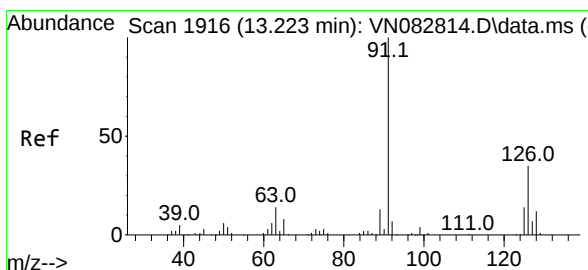
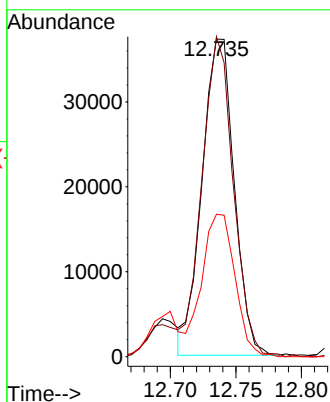
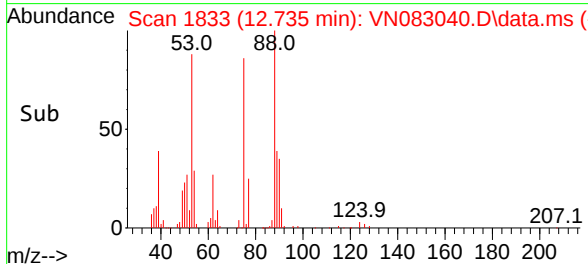
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 63608
Ion Ratio Lower Upper
75 100
53 99.0 88.4 132.6
89 45.8 36.3 54.5

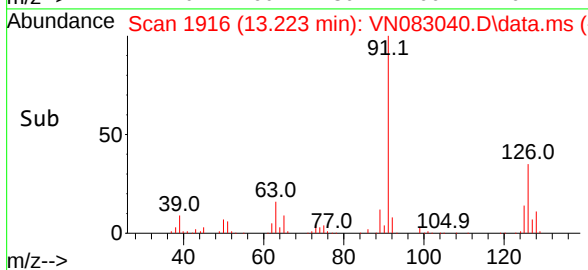
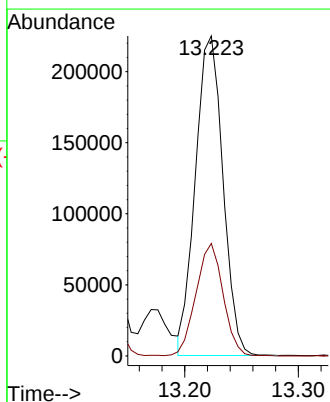
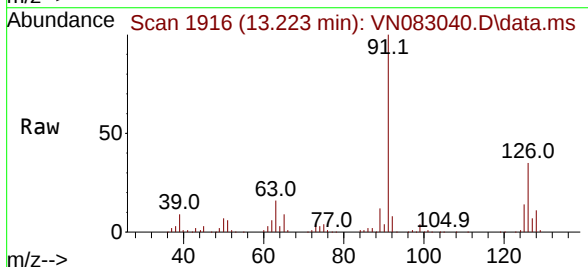
Manual Integrations
APPROVED

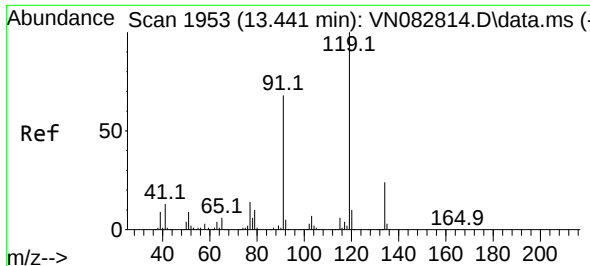
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#82
4-Chlorotoluene
Concen: 51.827 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

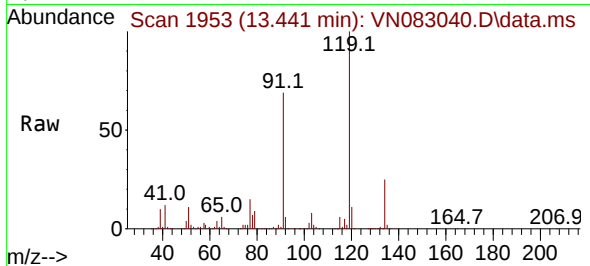
Tgt Ion: 91 Resp: 378635
Ion Ratio Lower Upper
91 100
126 34.7 16.2 48.6





#83
tert-Butylbenzene
Concen: 51.803 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

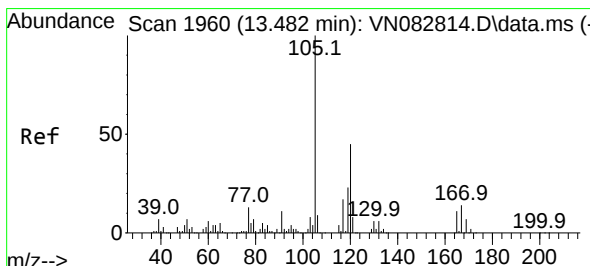
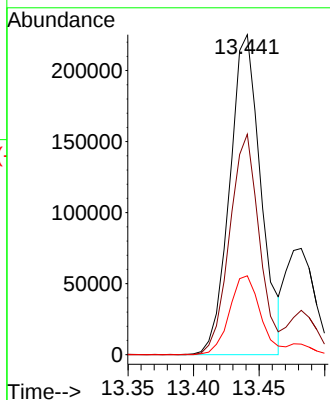
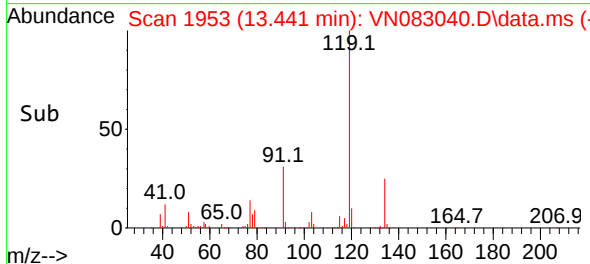
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



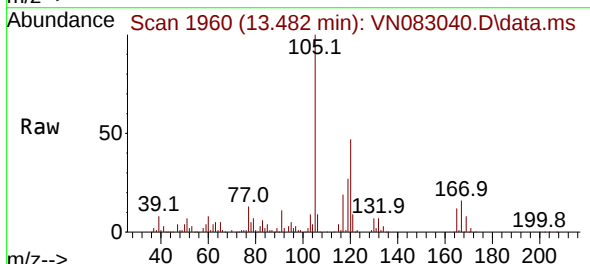
Tgt Ion:119 Resp: 374024
Ion Ratio Lower Upper
119 100
91 65.5 35.0 105.1
134 24.6 13.3 39.8

Manual Integrations
APPROVED

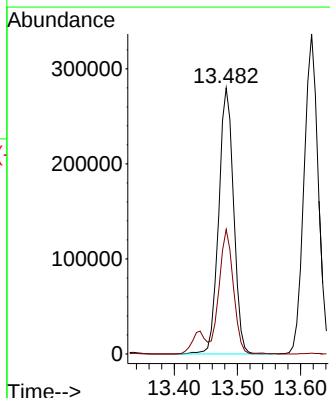
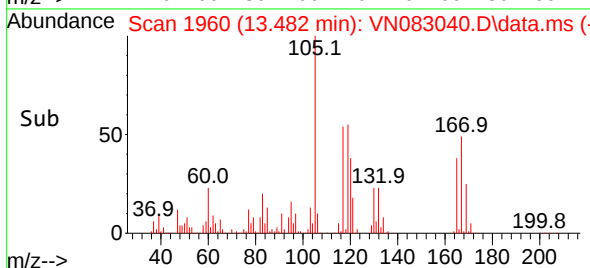
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

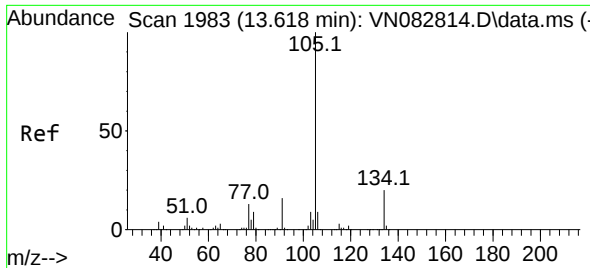


#84
1,2,4-Trimethylbenzene
Concen: 55.381 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



Tgt Ion:105 Resp: 459704
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8





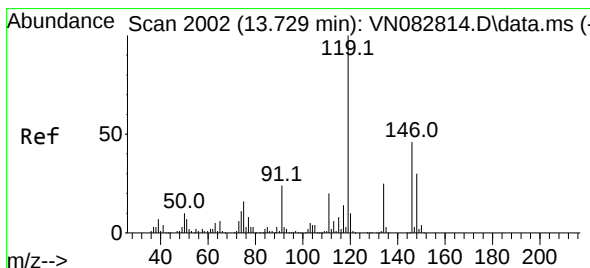
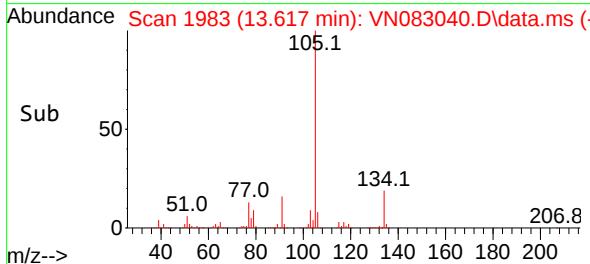
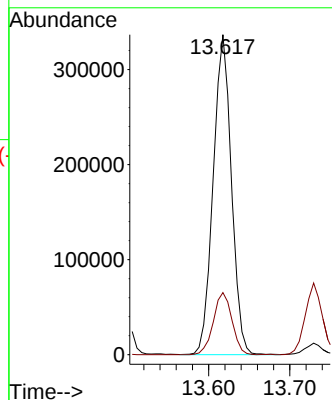
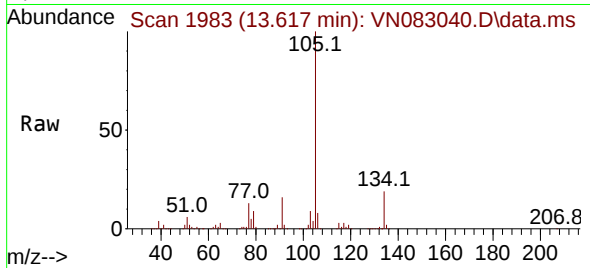
#85
 sec-Butylbenzene
 Concen: 53.869 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 52558
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

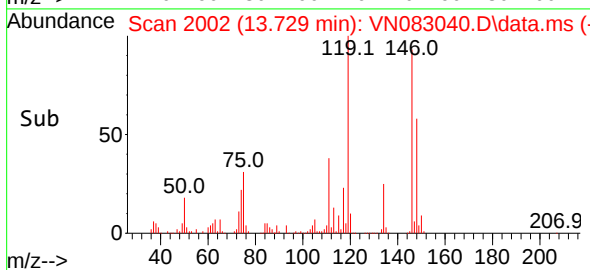
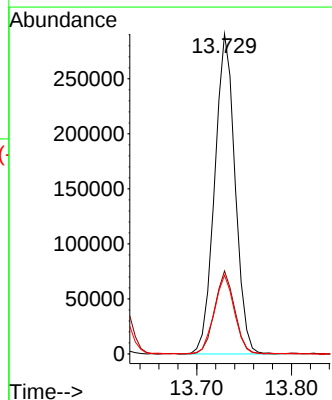
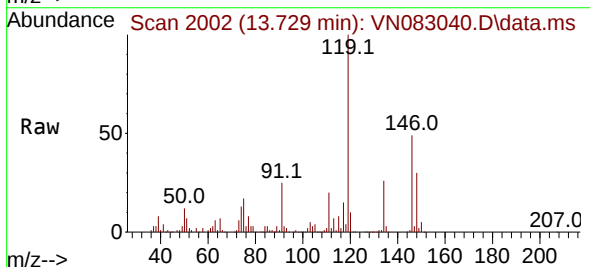
Manual Integrations
 APPROVED

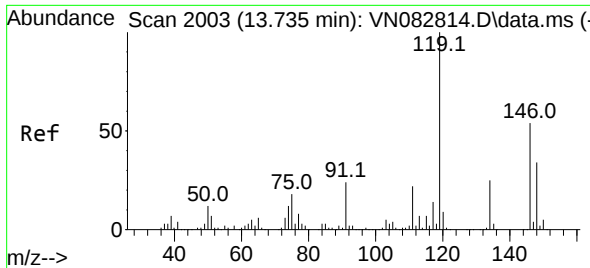
Reviewed By :John Carlone 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024



#86
 p-Isopropyltoluene
 Concen: 53.534 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11

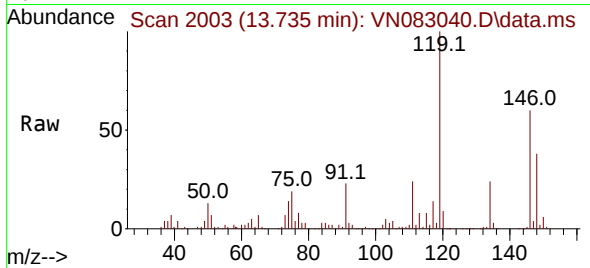
Tgt Ion:119 Resp: 435787
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 24.2 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 53.015 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11

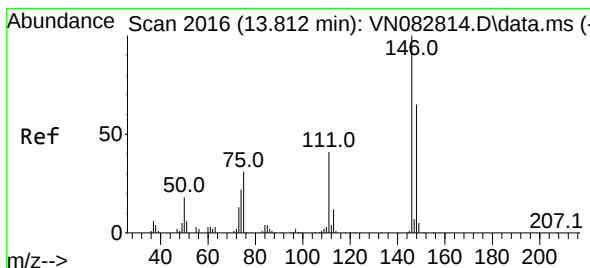
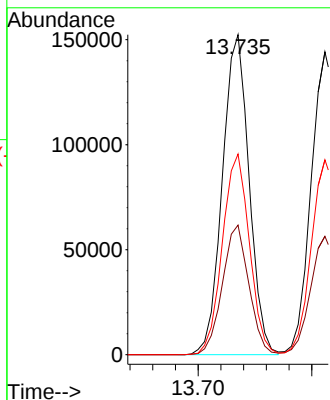
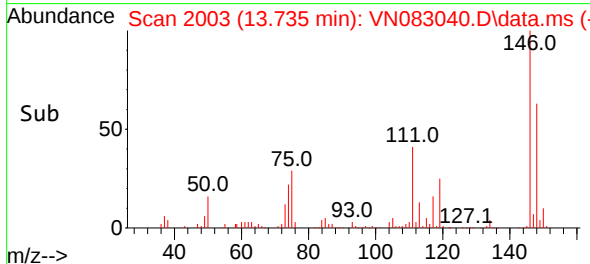
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



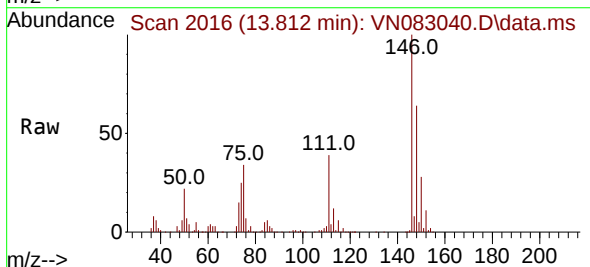
Tgt Ion:146 Resp: 24893
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 63.5 31.8 95.3

Manual Integrations
 APPROVED

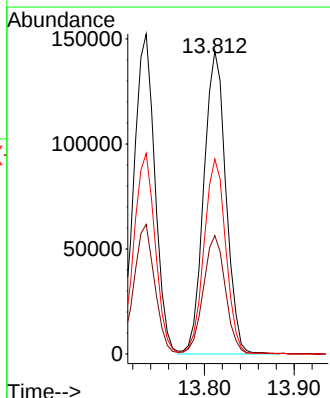
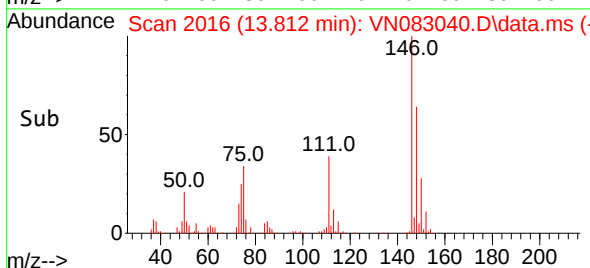
Reviewed By :John Carlone 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

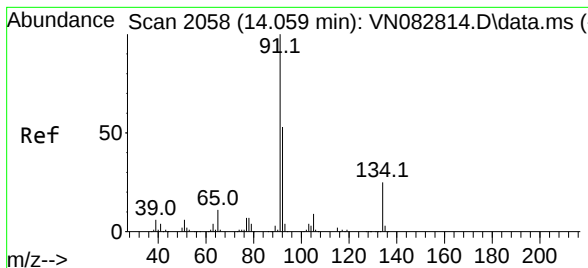


#88
 1,4-Dichlorobenzene
 Concen: 50.754 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN083040.D
 Acq: 26 Jul 2024 10:11



Tgt Ion:146 Resp: 246459
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.1 60.3
 148 63.2 32.2 96.6





#89

n-Butylbenzene

Concen: 52.074 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN083040.D

Acq: 26 Jul 2024 10:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

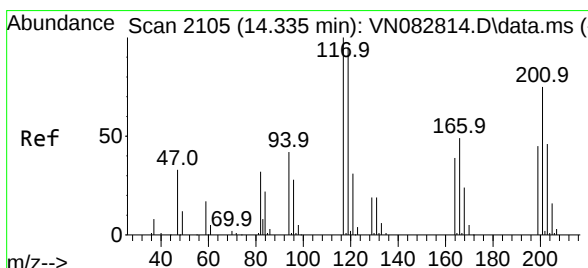
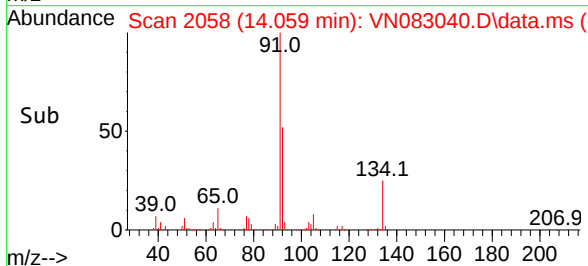
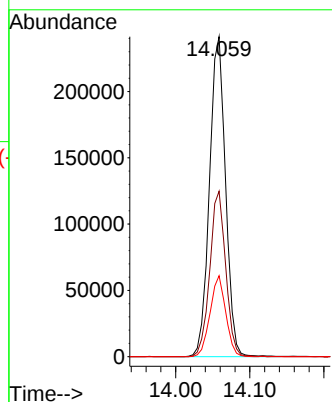
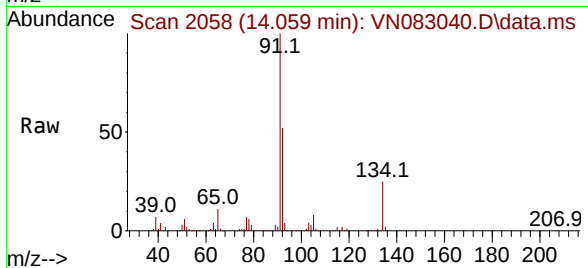
Tgt Ion:	91	Resp:	36316
Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.1	78.3
134	24.7	12.1	36.3

Manual Integrations

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Reviewed By :John Carlone 07/29/2024

Supervised By :Mahesh Dadoda 07/29/2024



#90

Hexachloroethane

Concen: 53.187 ug/l

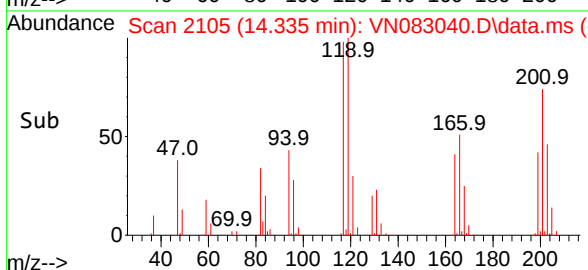
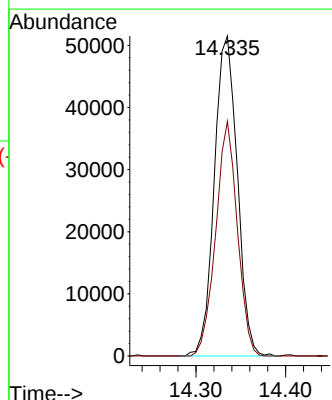
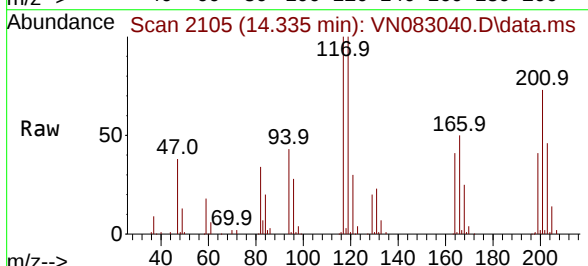
RT: 14.335 min Scan# 2105

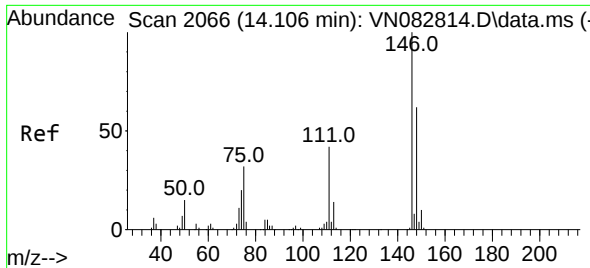
Delta R.T. 0.000 min

Lab File: VN083040.D

Acq: 26 Jul 2024 10:11

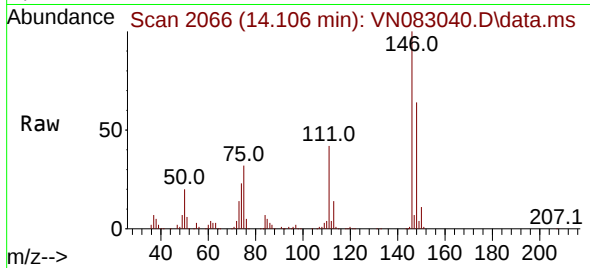
Tgt Ion:	117	Resp:	91613
Ion	Ratio	Lower	Upper
117	100		
201	69.0	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 51.901 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

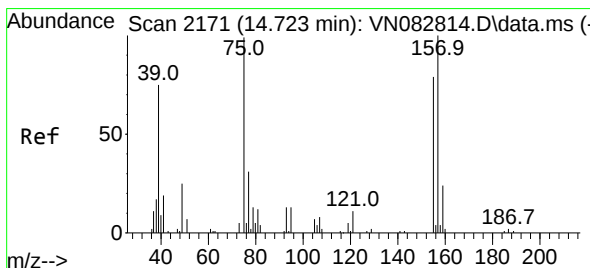
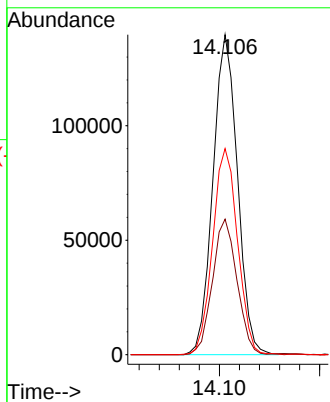
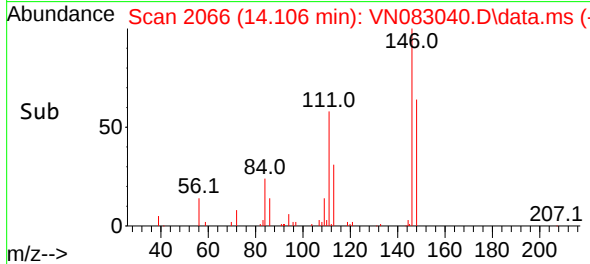
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



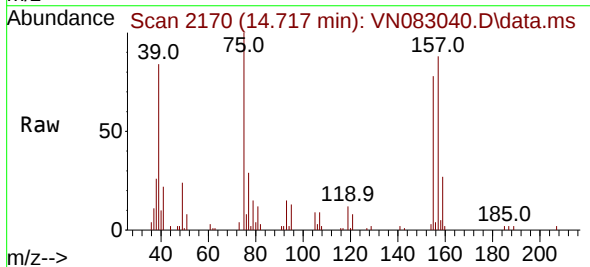
Tgt Ion:146 Resp: 236614
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.2
148 65.8 32.1 96.5

Manual Integrations
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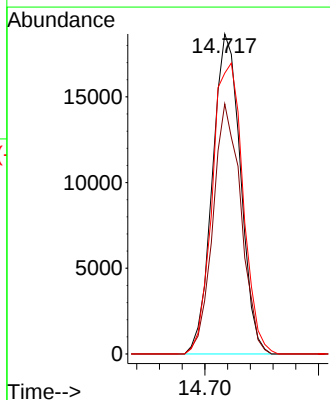
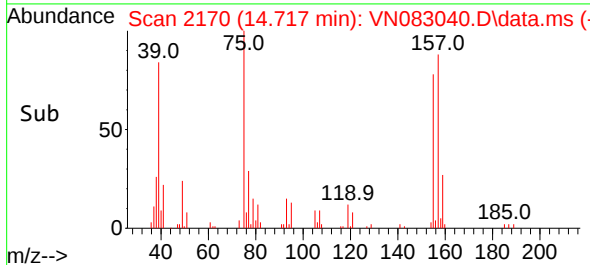
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

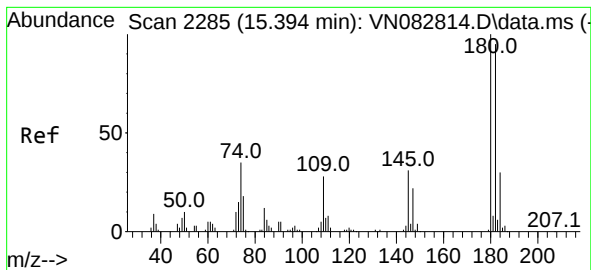


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.920 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



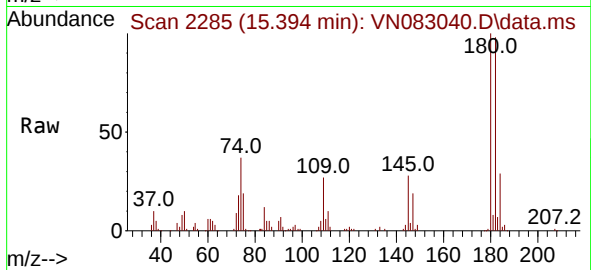
Tgt Ion: 75 Resp: 32056
Ion Ratio Lower Upper
75 100
155 78.1 36.6 109.8
157 99.6 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 47.807 ug/l
RT: 15.394 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

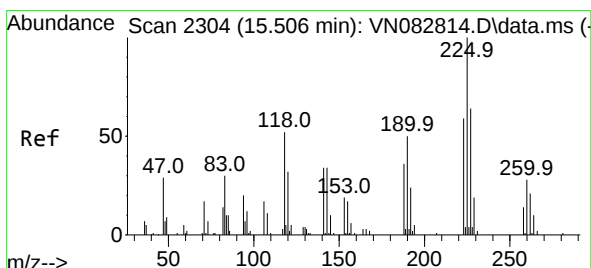
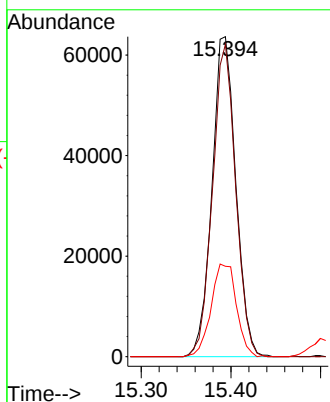
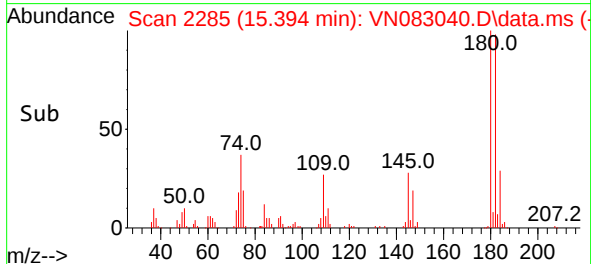
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



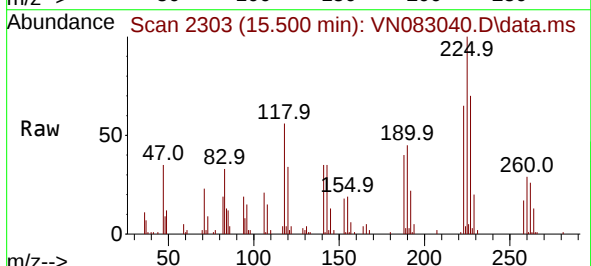
Tgt Ion:180 Resp: 11740
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 30.8 15.7 47.1

Manual Integrations
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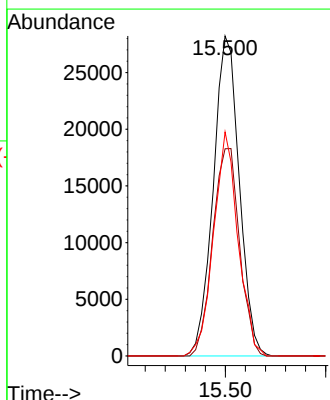
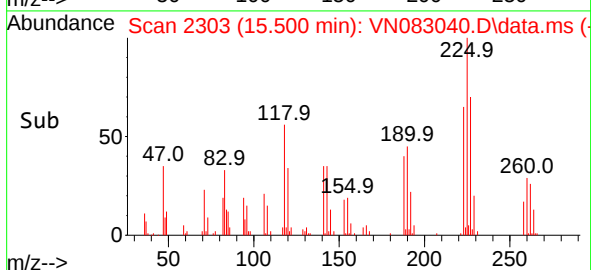
Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024

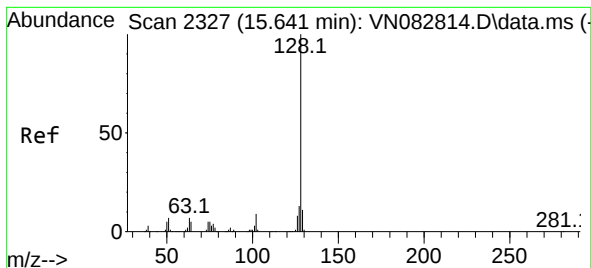


#94
Hexachlorobutadiene
Concen: 46.685 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



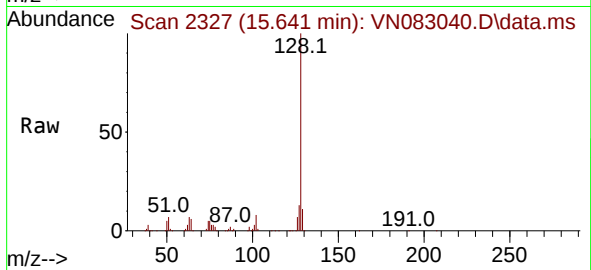
Tgt Ion:225 Resp: 50823
Ion Ratio Lower Upper
225 100
223 67.0 31.9 95.7
227 66.1 32.5 97.5





#95
Naphthalene
Concen: 46.249 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11

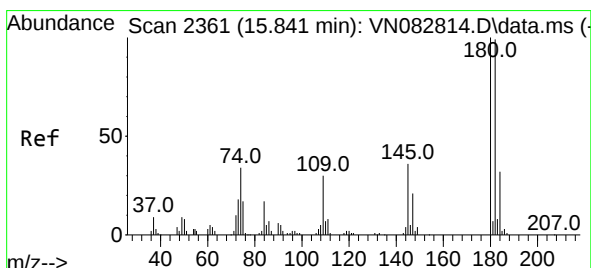
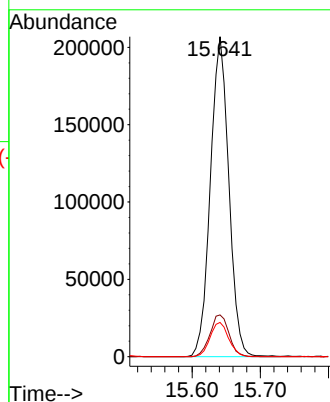
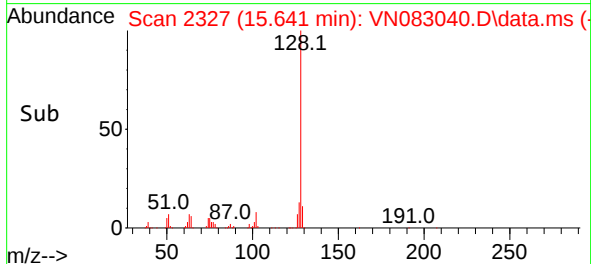
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



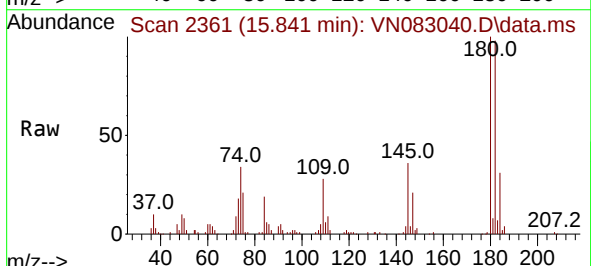
Tgt Ion:128 Resp: 388994
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2024
Supervised By :Mahesh Dadoda 07/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.433 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083040.D
Acq: 26 Jul 2024 10:11



Tgt Ion:180 Resp: 119767
Ion Ratio Lower Upper
180 100
182 96.6 48.9 146.8
145 34.8 16.8 50.4

