

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082848.D
 Acq On : 10 Jul 2024 12:03
 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 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 03:44:53 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	135537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97794	51.472	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.940%			
35) Dibromofluoromethane	8.165	113	75279	52.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.920%			
50) Toluene-d8	10.571	98	281394	53.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.847	95	98570	51.776	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	83477	47.572	ug/l	100
3) Chloromethane	2.359	50	78401	47.113	ug/l	94
4) Vinyl Chloride	2.512	62	85199	48.749	ug/l	99
5) Bromomethane	2.948	94	55888	44.352	ug/l	100
6) Chloroethane	3.112	64	59422	49.684	ug/l	98
7) Trichlorofluoromethane	3.489	101	118521	47.150	ug/l	96
8) Diethyl Ether	3.959	74	38994	45.326	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.365	101	68918	48.442	ug/l	98
10) Methyl Iodide	4.589	142	69078	47.359	ug/l	98
11) Tert butyl alcohol	5.530	59	65676	205.519	ug/l	99
12) 1,1-Dichloroethene	4.336	96	61843	44.697	ug/l	92
13) Acrolein	4.183	56	33791	146.462	ug/l	99
14) Allyl chloride	5.024	41	95779	44.397	ug/l #	94
15) Acrylonitrile	5.718	53	176860	240.822	ug/l	98
16) Acetone	4.430	43	157230	235.049	ug/l	94
17) Carbon Disulfide	4.712	76	178011	43.055	ug/l	97
18) Methyl Acetate	5.024	43	83035	46.912	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	211988	44.416	ug/l	99
20) Methylene Chloride	5.277	84	71874	44.491	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	68208	45.497	ug/l	86
22) Diisopropyl ether	6.671	45	220633	48.885	ug/l #	95
23) Vinyl Acetate	6.600	43	891829	248.824	ug/l	96
24) 1,1-Dichloroethane	6.571	63	128109	46.795	ug/l	98
25) 2-Butanone	7.483	43	243748	241.325	ug/l	95
26) 2,2-Dichloropropane	7.494	77	120803	47.459	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	79695	45.406	ug/l	92
28) Bromochloromethane	7.812	49	52001	44.277	ug/l	87
29) Tetrahydrofuran	7.841	42	154403	242.820	ug/l #	88
30) Chloroform	7.971	83	136572	47.024	ug/l	94
31) Cyclohexane	8.259	56	110950	44.667	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	121699	45.132	ug/l	97
36) 1,1-Dichloropropene	8.371	75	93602	47.312	ug/l	98
37) Ethyl Acetate	7.565	43	100109	49.701	ug/l	97
38) Carbon Tetrachloride	8.365	117	109899	46.136	ug/l	97
39) Methylcyclohexane	9.600	83	99774	46.688	ug/l	91
40) Benzene	8.606	78	289370	47.550	ug/l	99

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Quant Time: Jul 11 03:44:53 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)
41) Methacrylonitrile	7.783	41	50993	46.993	ug/l	92
42) 1,2-Dichloroethane	8.671	62	103543	47.262	ug/l	97
43) Isopropyl Acetate	8.688	43	175996	46.109	ug/l	96
44) Trichloroethene	9.353	130	69963	44.873	ug/l	94
45) 1,2-Dichloropropane	9.624	63	72606	51.103	ug/l	90
46) Dibromomethane	9.712	93	52590	47.513	ug/l	98
47) Bromodichloromethane	9.888	83	110365	48.257	ug/l	96
48) Methyl methacrylate	9.682	41	74553	47.205	ug/l #	89
49) 1,4-Dioxane	9.694	88	31230	907.061	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	506192	253.497	ug/l	94
52) Toluene	10.629	92	181478	47.738	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	113966	48.372	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	117938	47.292	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	67905	48.576	ug/l	97
56) Ethyl methacrylate	10.877	69	108869	50.058	ug/l	88
57) 1,3-Dichloropropane	11.165	76	117749	47.586	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	320637	287.317	ug/l	96
59) 2-Hexanone	11.194	43	386488	260.329	ug/l	93
60) Dibromochloromethane	11.359	129	85296	47.907	ug/l	98
61) 1,2-Dibromoethane	11.471	107	71262	48.004	ug/l	98
64) Tetrachloroethene	11.106	164	69012	44.052	ug/l	96
65) Chlorobenzene	11.894	112	199479	44.333	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	73156	45.709	ug/l	99
67) Ethyl Benzene	11.965	91	343951	45.482	ug/l	97
68) m/p-Xylenes	12.071	106	269943	94.548	ug/l	98
69) o-Xylene	12.400	106	128769	47.070	ug/l	93
70) Styrene	12.412	104	222628	49.253	ug/l	99
71) Bromoform	12.582	173	58485	46.466	ug/l #	99
73) Isopropylbenzene	12.694	105	322257	43.128	ug/l	98
74) N-amyl acetate	12.494	43	142849	46.219	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	97263	43.464	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	92444m	52.145	ug/l	
77) Bromobenzene	12.982	156	80955	41.997	ug/l	95
78) n-propylbenzene	13.035	91	390173	45.416	ug/l	99
79) 2-Chlorotoluene	13.123	91	236032	43.120	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	275971	45.692	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	43662	48.437	ug/l	86
82) 4-Chlorotoluene	13.223	91	237180	43.776	ug/l	97
83) tert-Butylbenzene	13.441	119	230655	43.076	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	281233	45.685	ug/l	98
85) sec-Butylbenzene	13.617	105	323331	44.685	ug/l	99
86) p-Isopropyltoluene	13.729	119	274968	45.547	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	153451	44.067	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	149811	41.599	ug/l	99
89) n-Butylbenzene	14.059	91	232680	44.988	ug/l	99
90) Hexachloroethane	14.335	117	54416	42.599	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	144652	42.783	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21547	41.620	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	77917	42.783	ug/l	99
94) Hexachlorobutadiene	15.500	225	34358	42.556	ug/l	97
95) Naphthalene	15.641	128	253660	40.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	79122	42.254	ug/l	98

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ClientSampleId :
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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

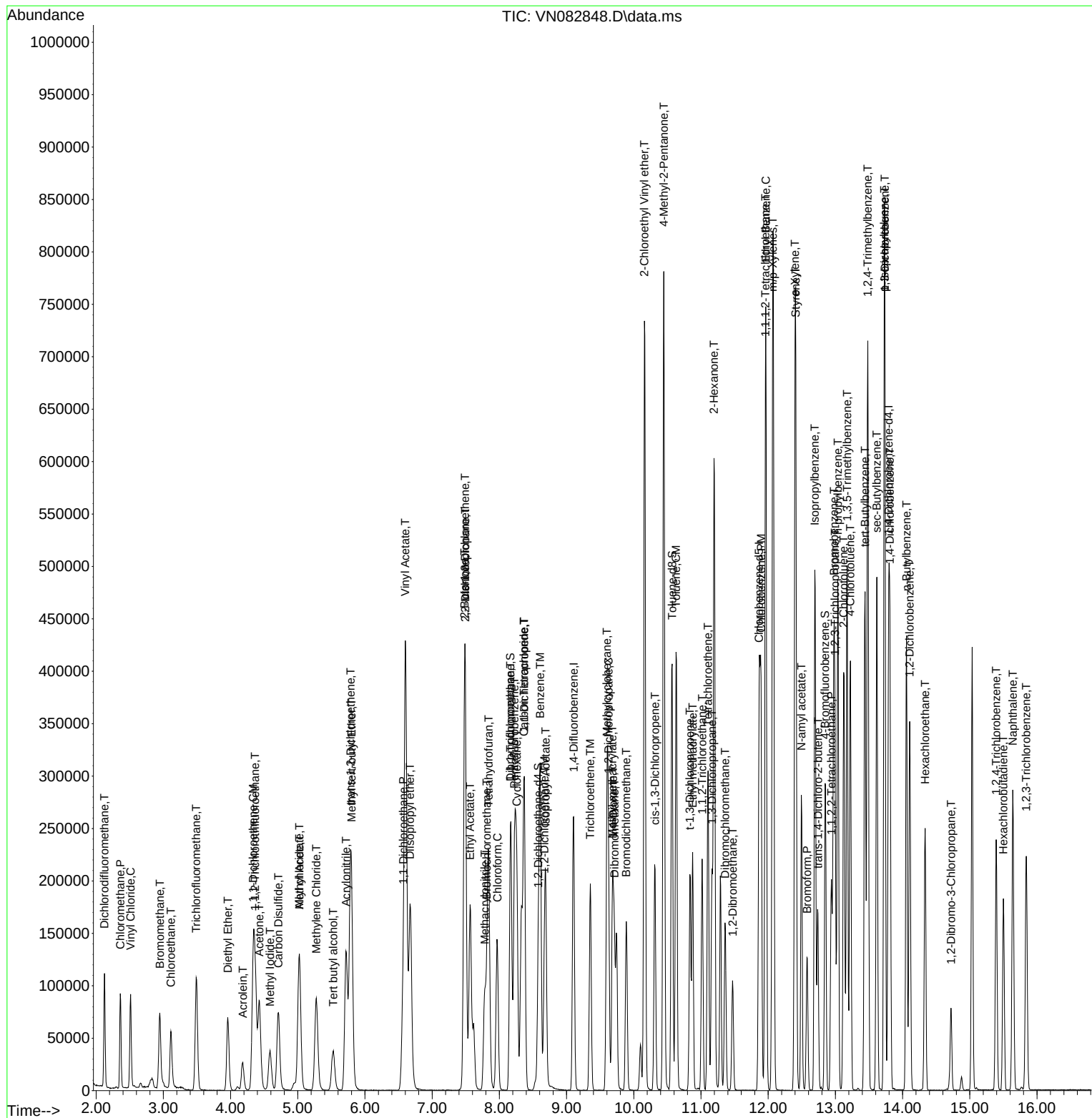
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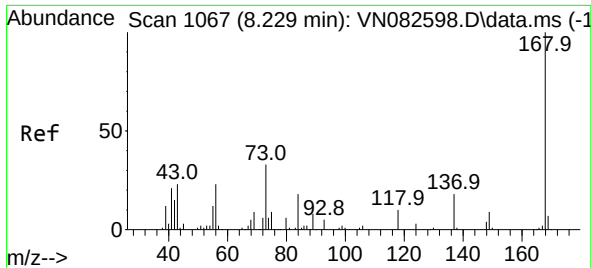
Instrument :
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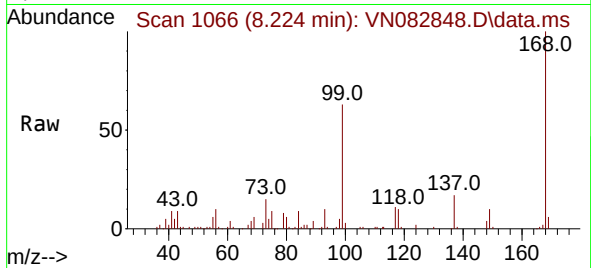
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

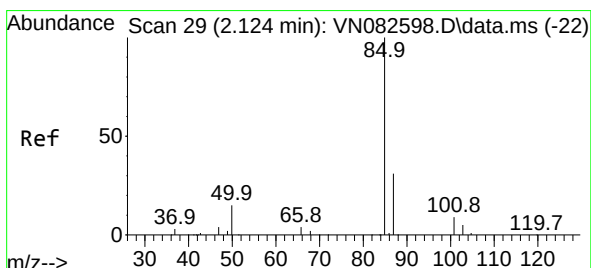
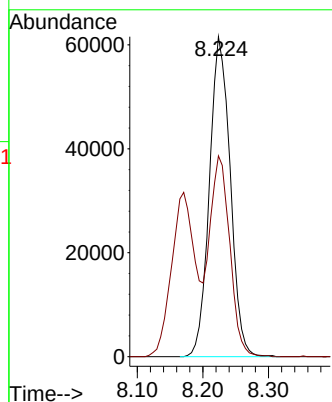
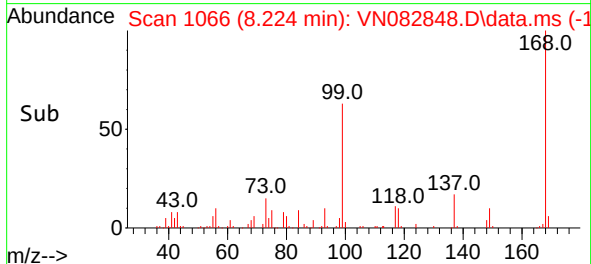
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13553
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4

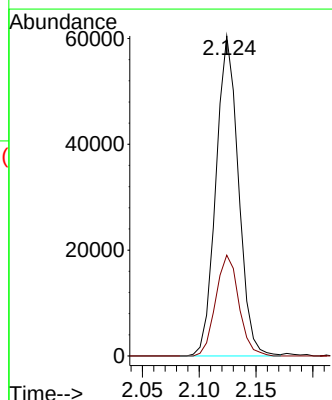
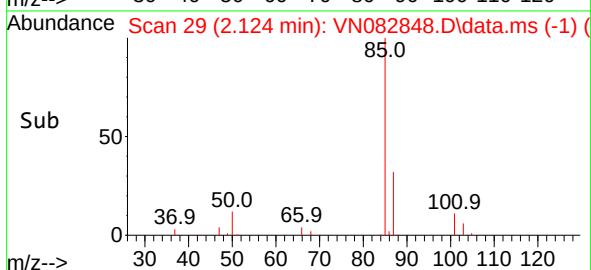
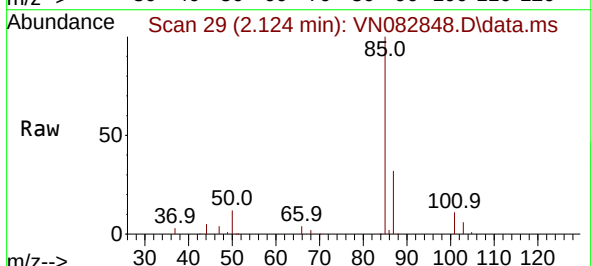
Manual Integrations
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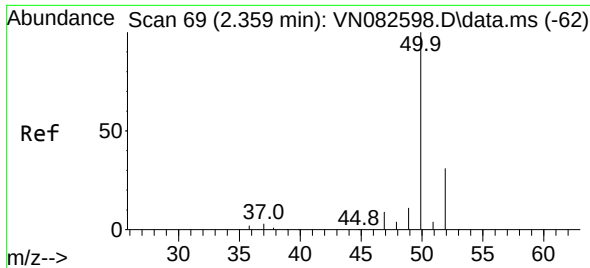
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#2
Dichlorodifluoromethane
Concen: 47.572 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

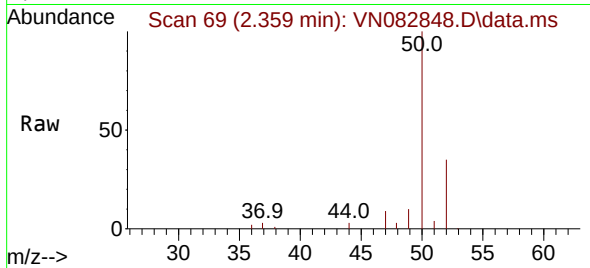
Tgt Ion: 85 Resp: 83477
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0





#3
Chloromethane
Concen: 47.113 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

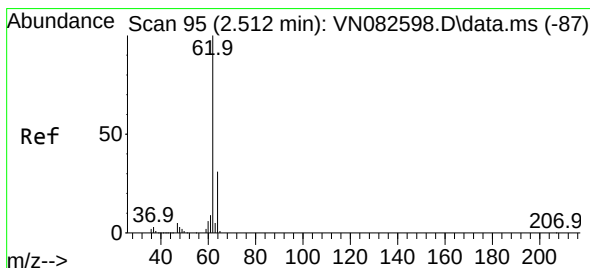
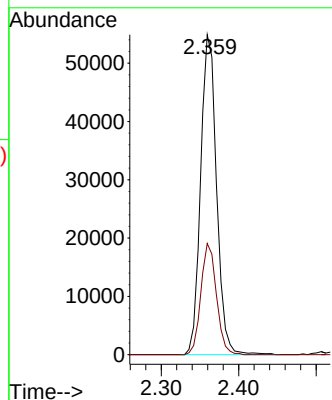
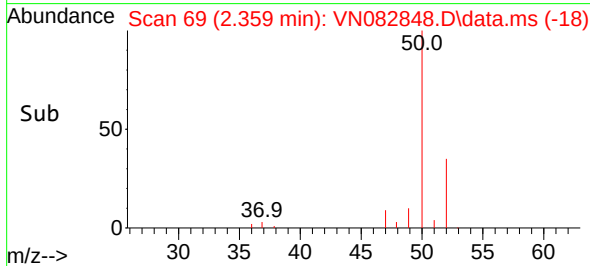
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 7840
Ion Ratio Lower Upper
50 100
52 34.7 25.0 37.4

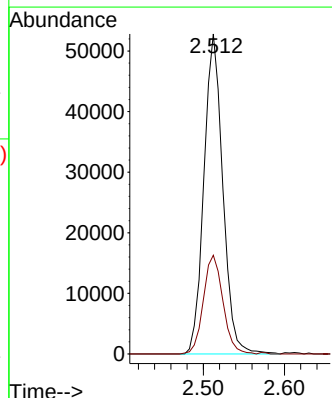
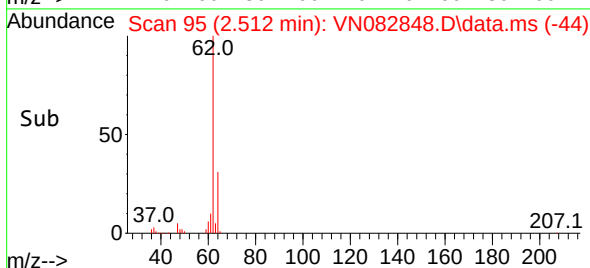
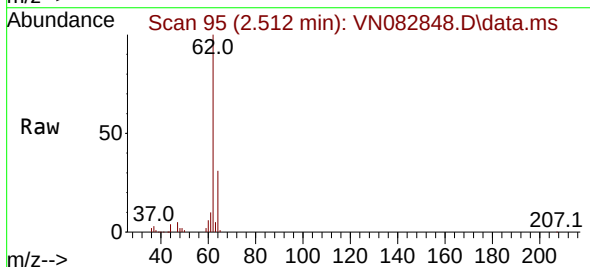
Manual Integrations
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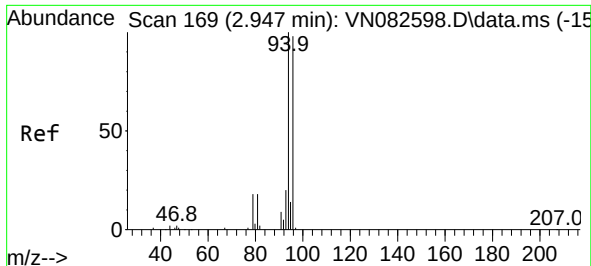
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#4
Vinyl Chloride
Concen: 48.749 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

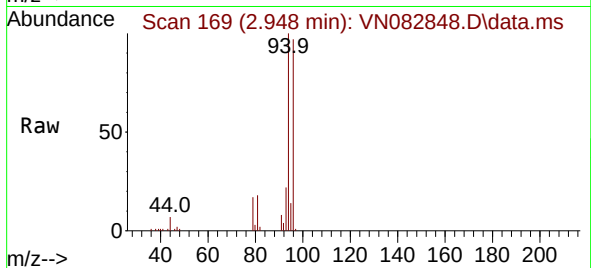
Tgt Ion: 62 Resp: 85199
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.6





#5
Bromomethane
Concen: 44.352 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

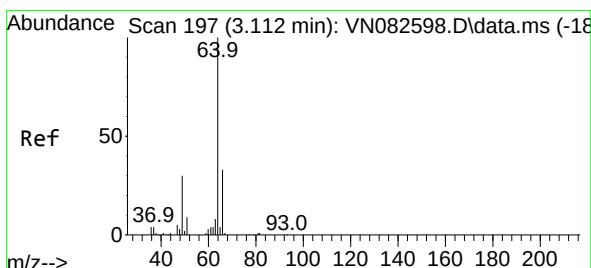
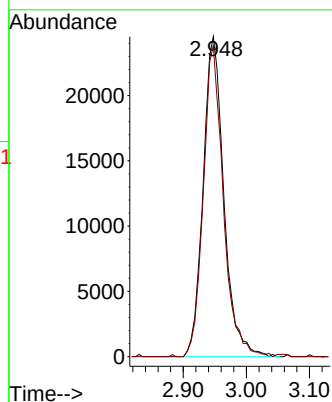
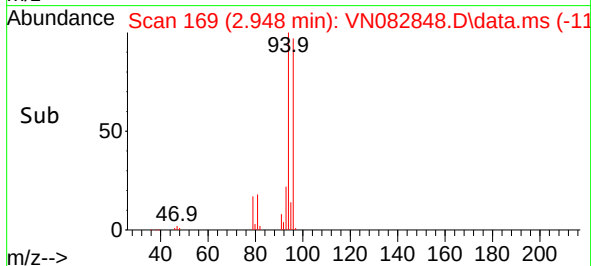
Instrument :
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Tgt Ion: 94 Resp: 5588
Ion Ratio Lower Upper
94 100
96 97.1 78.0 117.0

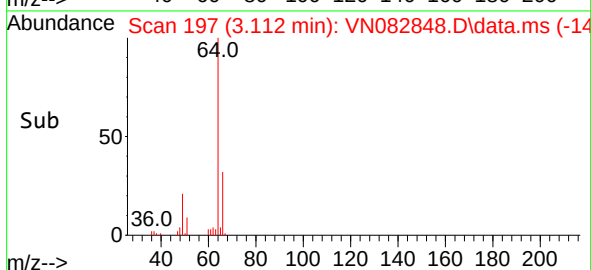
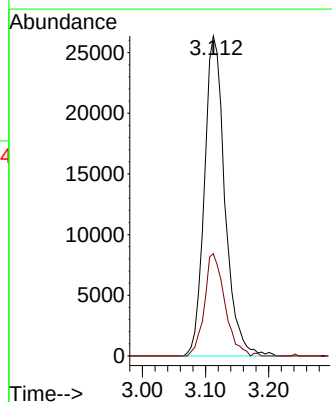
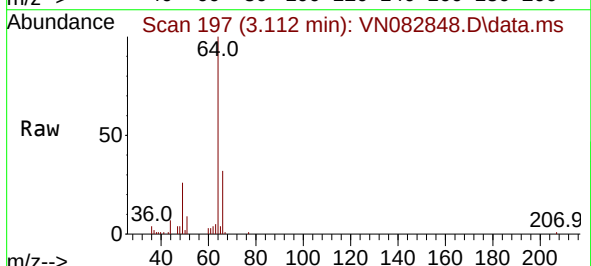
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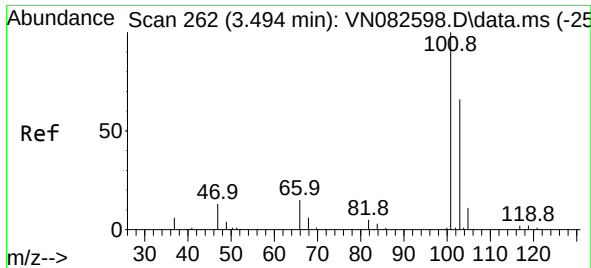
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#6
Chloroethane
Concen: 49.684 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 64 Resp: 59422
Ion Ratio Lower Upper
64 100
66 32.0 26.6 40.0





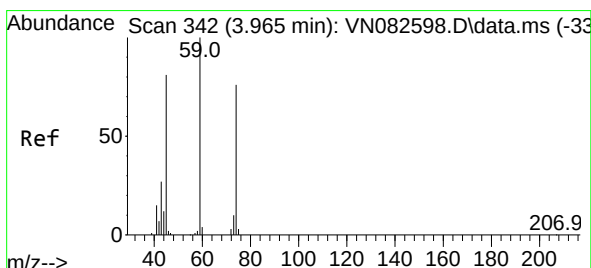
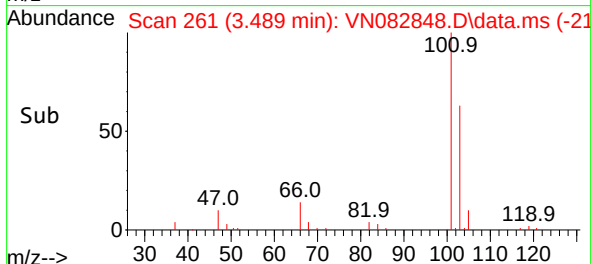
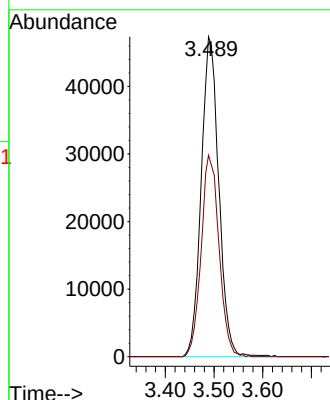
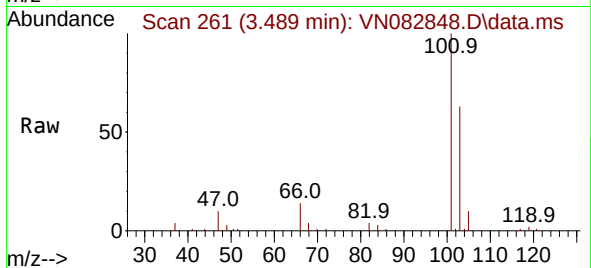
#7
Trichlorofluoromethane
Concen: 47.150 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11852
Ion Ratio Lower Upper
101 100
103 62.9 52.7 79.1

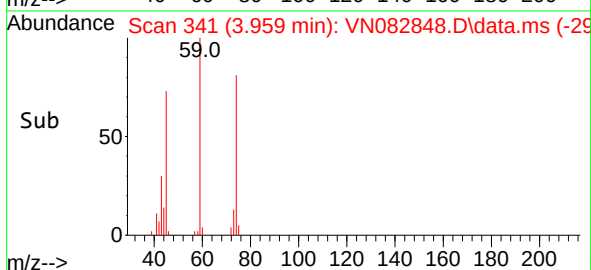
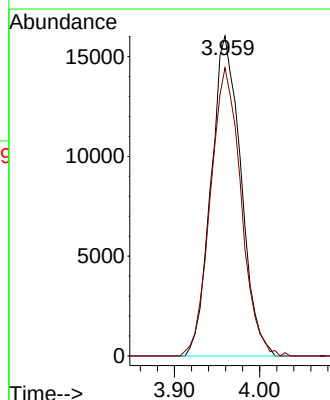
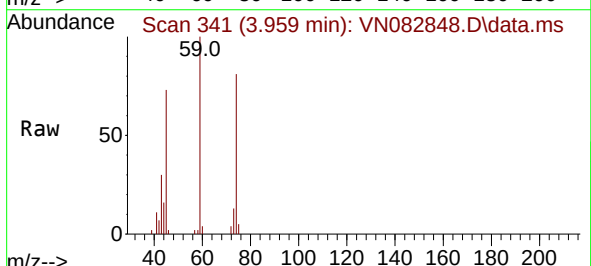
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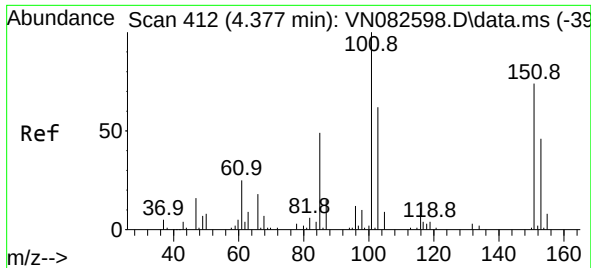
Reviewed By :John Carlone 07/11/2024
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#8
Diethyl Ether
Concen: 45.326 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 74 Resp: 38994
Ion Ratio Lower Upper
74 100
45 92.3 55.5 166.3





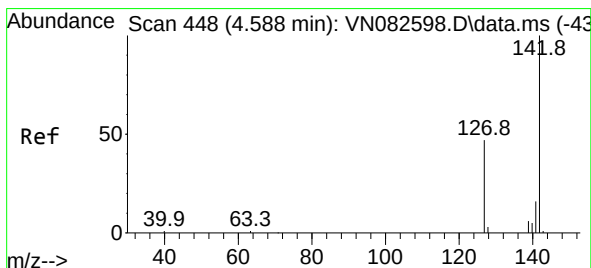
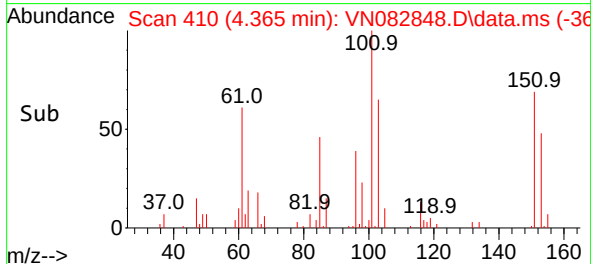
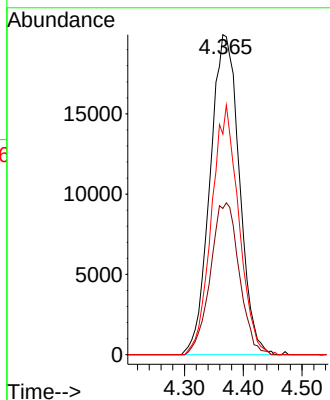
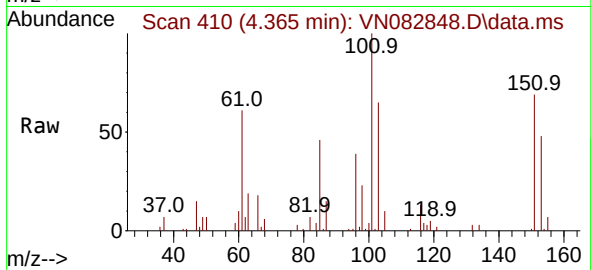
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.442 ug/l
RT: 4.365 min Scan# 412
Delta R.T. -0.012 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68918
Ion Ratio Lower Upper
101 100
85 46.8 38.3 57.5
151 72.5 59.3 88.9

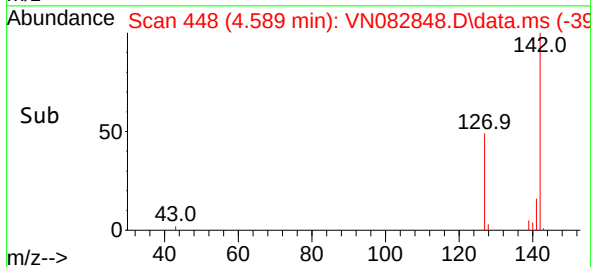
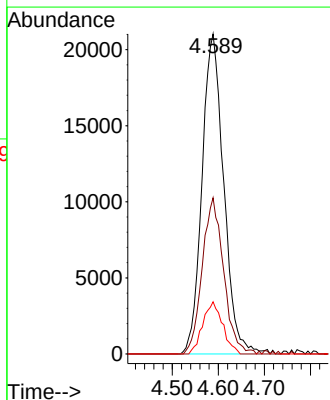
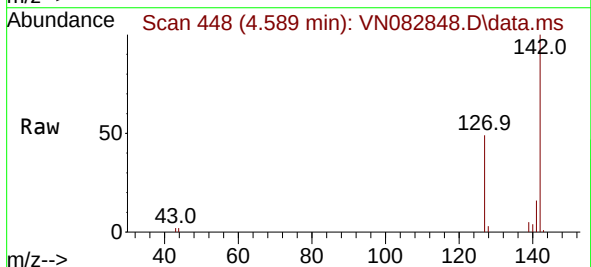
Manual Integrations
APPROVED

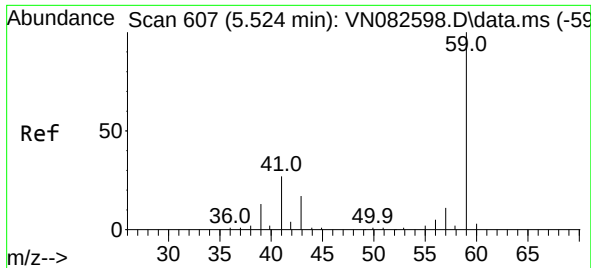
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#10
Methyl Iodide
Concen: 47.359 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:142 Resp: 69078
Ion Ratio Lower Upper
142 100
127 48.8 37.5 56.3
141 16.3 13.1 19.7





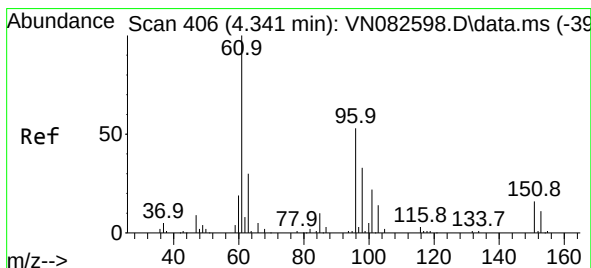
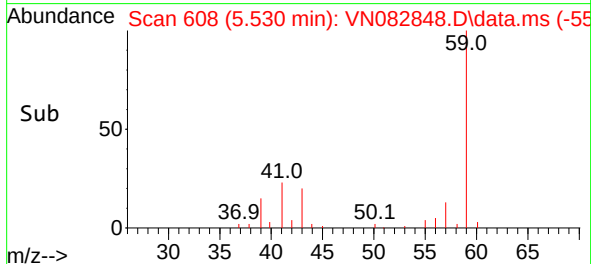
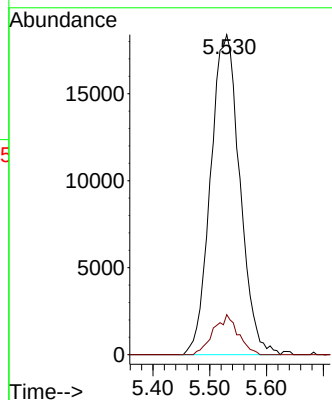
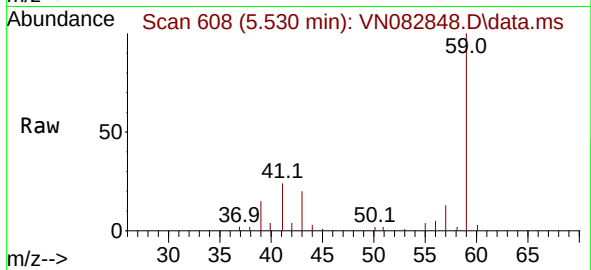
#11
Tert butyl alcohol
Concen: 205.519 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 65670
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

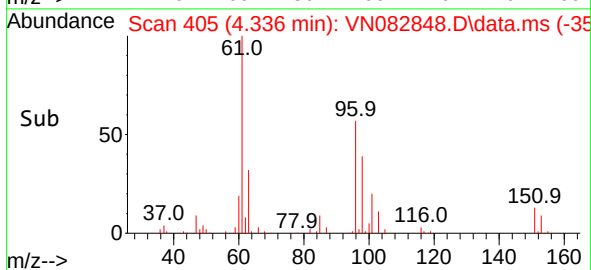
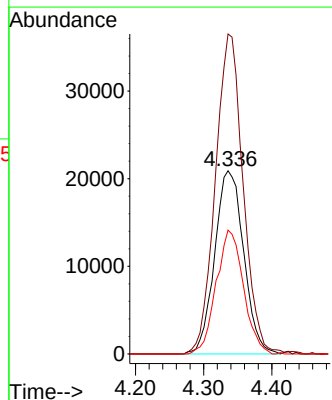
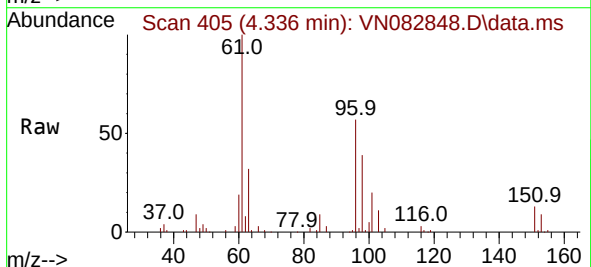
Manual Integrations
APPROVED

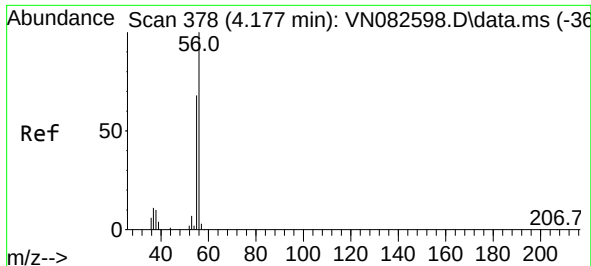
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#12
1,1-Dichloroethene
Concen: 44.697 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

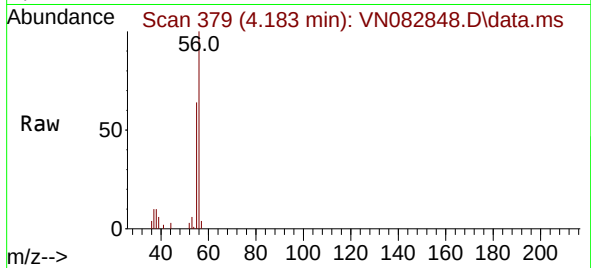
Tgt Ion: 96 Resp: 61843
Ion Ratio Lower Upper
96 100
61 174.7 149.7 224.5
98 67.6 50.1 75.1





#13
Acrolein
Concen: 146.462 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

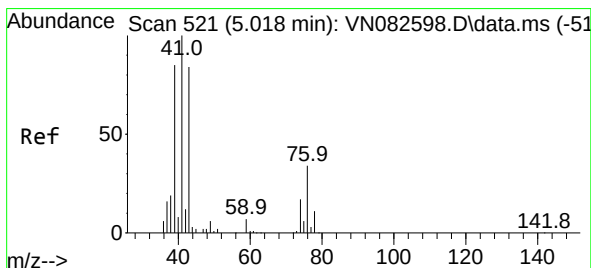
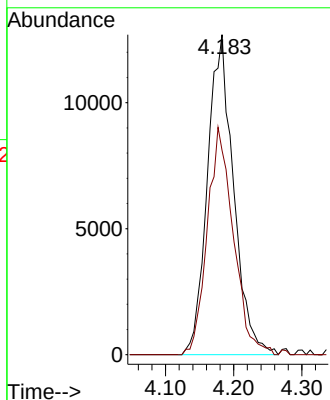
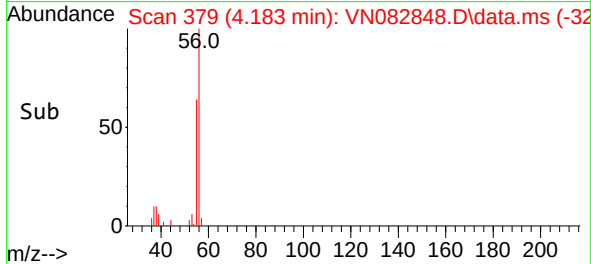
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3379
Ion Ratio Lower Upper
56 100
55 71.2 56.4 84.6

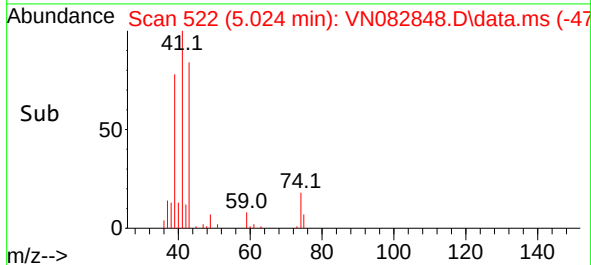
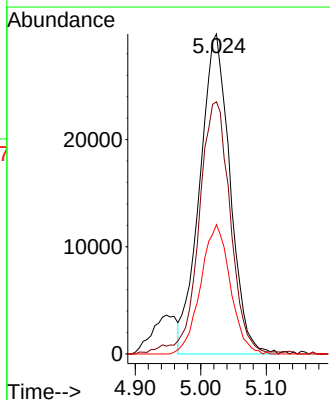
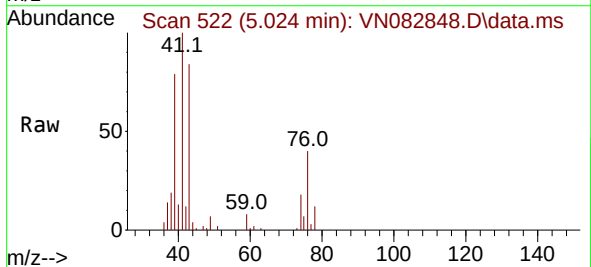
Manual Integrations
APPROVED

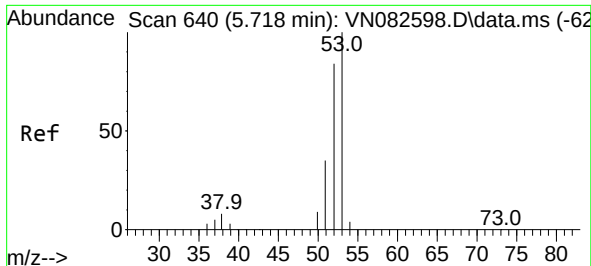
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#14
Allyl chloride
Concen: 44.397 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

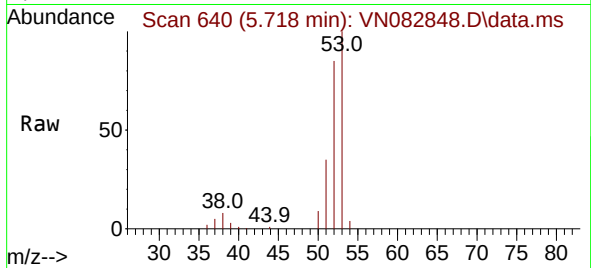
Tgt Ion: 41 Resp: 95779
Ion Ratio Lower Upper
41 100
39 82.1 67.8 101.6
76 39.5 25.8 38.8#





#15
Acrylonitrile
Concen: 240.822 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

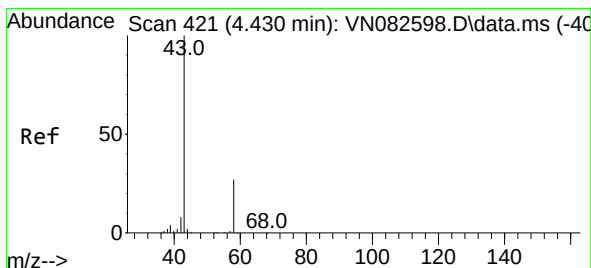
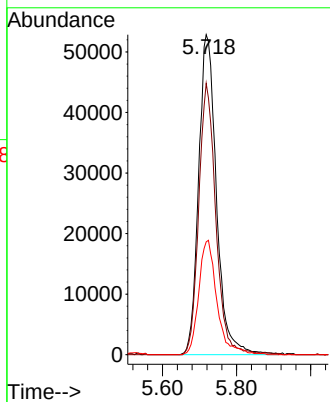
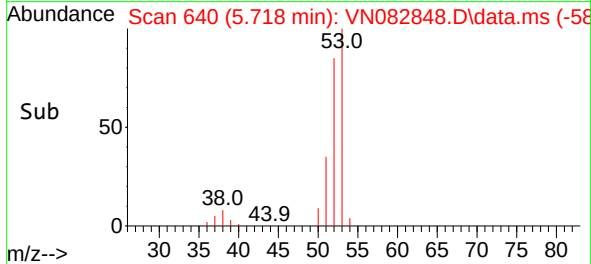
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 176860
Ion Ratio Lower Upper
53 100
52 80.9 66.6 100.0
51 36.4 30.1 45.1

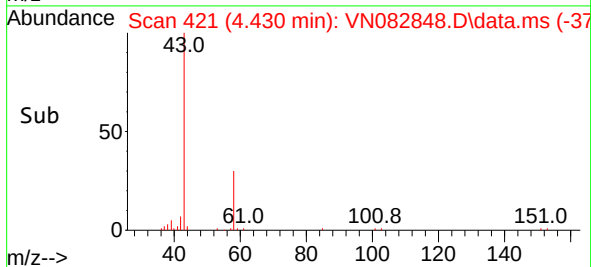
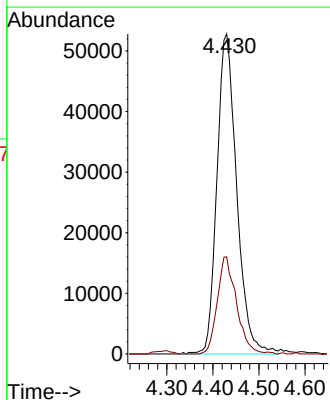
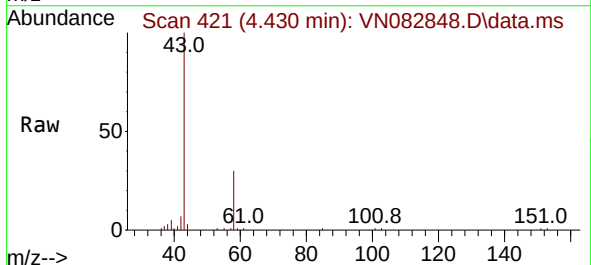
Manual Integrations
APPROVED

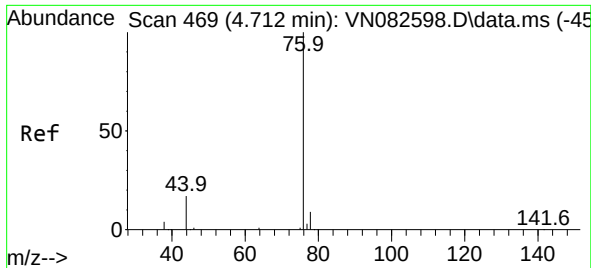
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#16
Acetone
Concen: 235.049 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

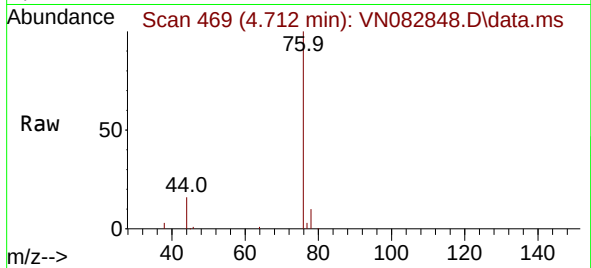
Tgt Ion: 43 Resp: 157230
Ion Ratio Lower Upper
43 100
58 30.3 21.8 32.6





#17
Carbon Disulfide
Concen: 43.055 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

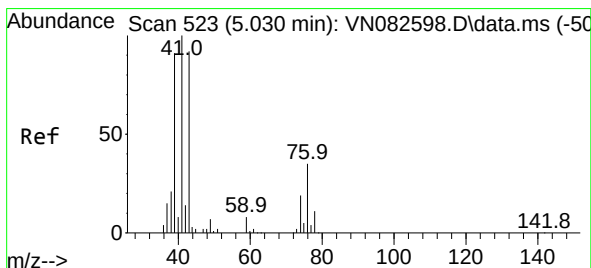
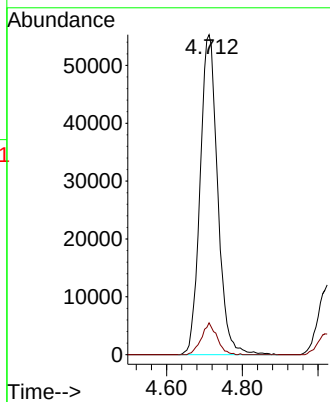
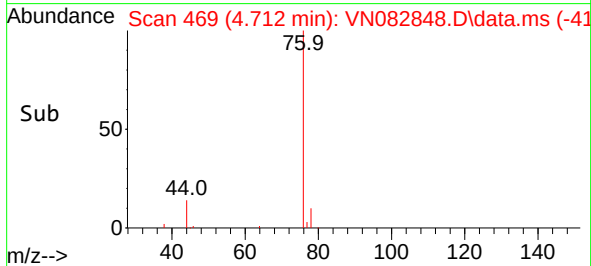
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



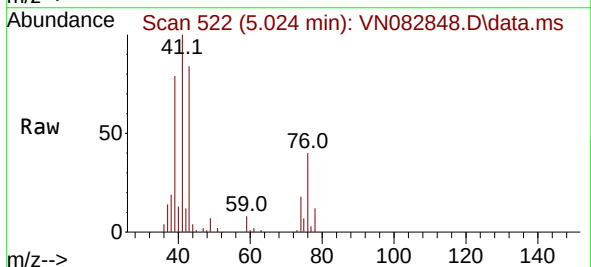
Tgt Ion: 76 Resp: 17801
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

Manual Integrations
APPROVED

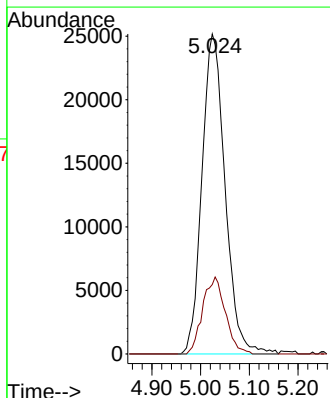
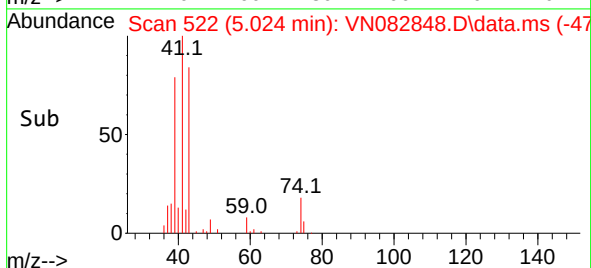
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

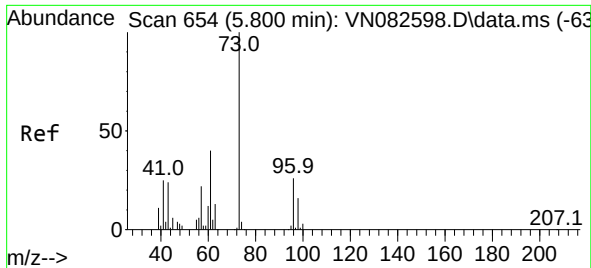


#18
Methyl Acetate
Concen: 46.912 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



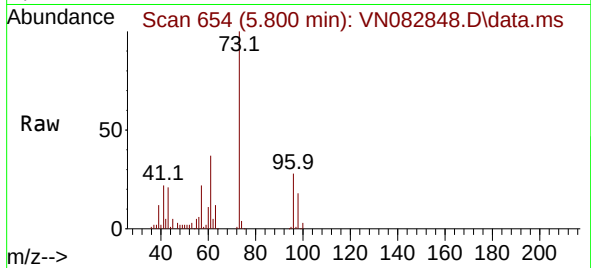
Tgt Ion: 43 Resp: 83035
Ion Ratio Lower Upper
43 100
74 23.5 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 44.416 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

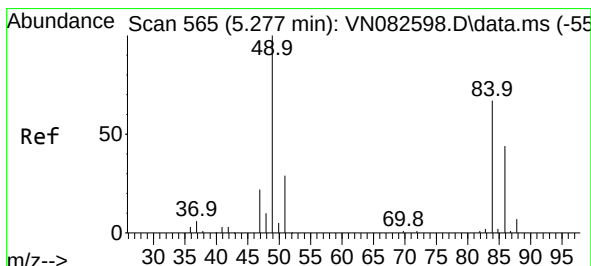
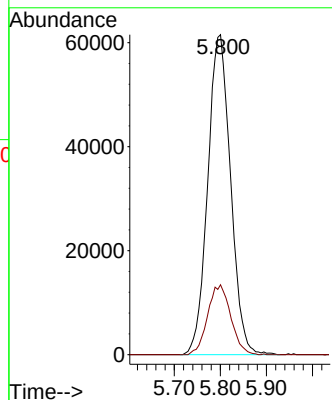
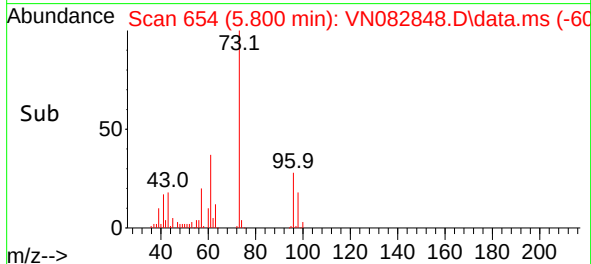
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 21198
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

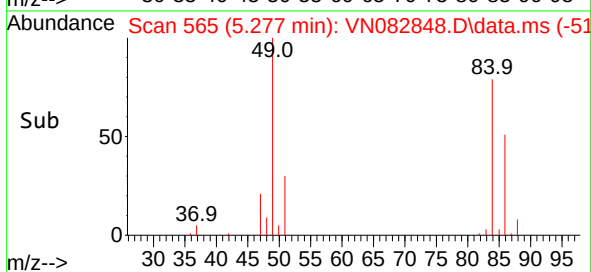
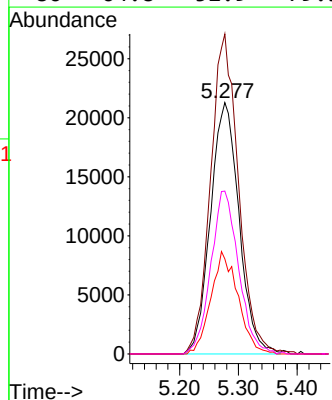
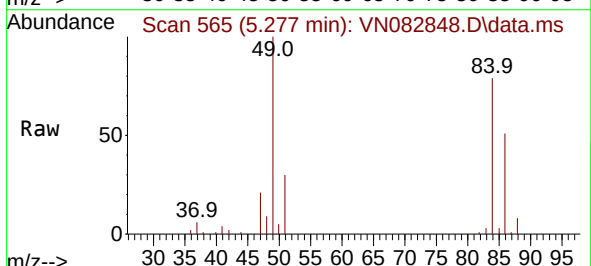
Manual Integrations
APPROVED

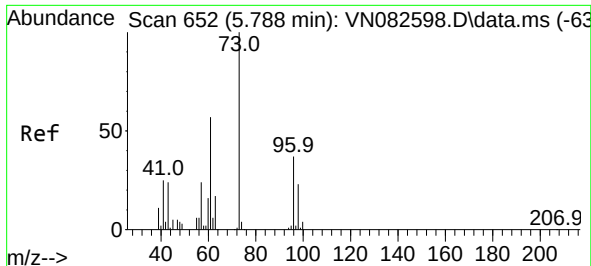
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#20
Methylene Chloride
Concen: 44.491 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

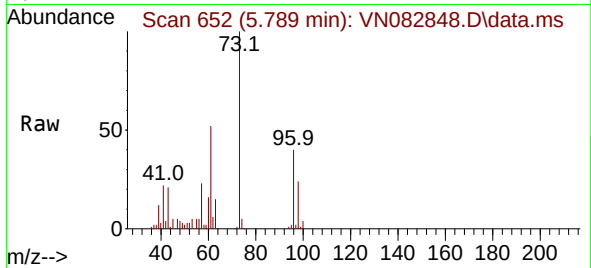
Tgt Ion: 84 Resp: 71874
Ion Ratio Lower Upper
84 100
49 127.3 119.6 179.4
51 37.8 34.8 52.2
86 64.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 45.497 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

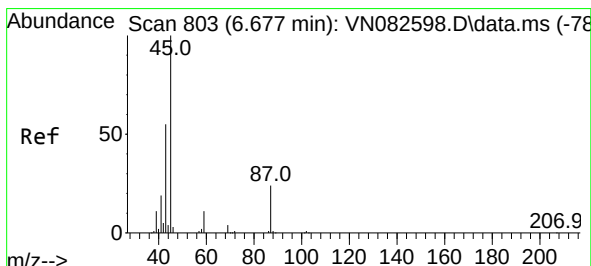
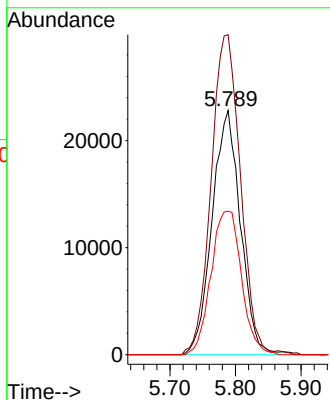
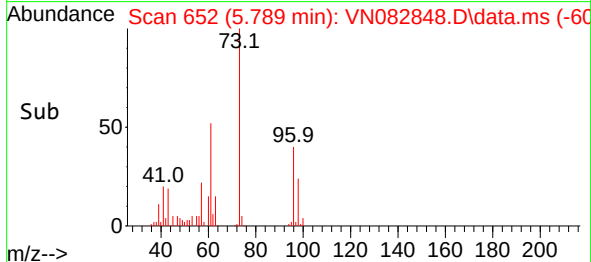
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 68208
Ion Ratio Lower Upper
96 100
61 131.0 123.4 185.2
98 58.8 49.3 73.9

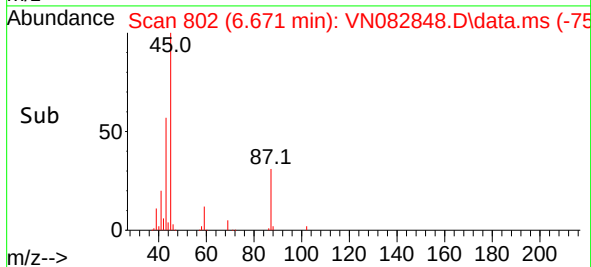
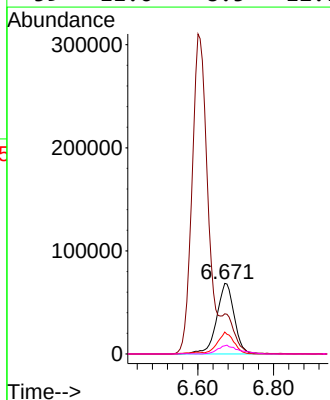
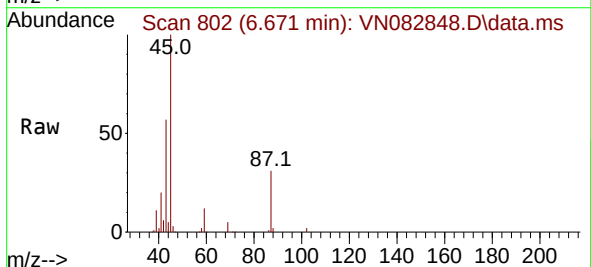
Manual Integrations
APPROVED

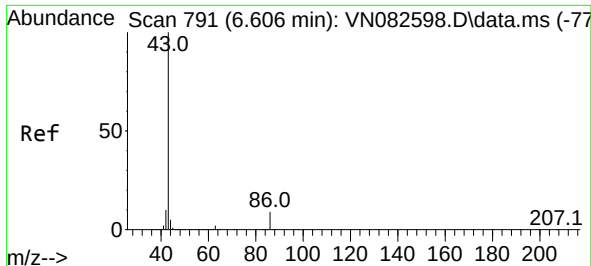
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#22
Diisopropyl ether
Concen: 48.885 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

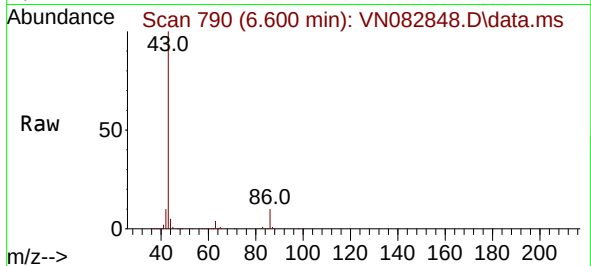
Tgt Ion: 45 Resp: 220633
Ion Ratio Lower Upper
45 100
43 56.4 44.0 66.0
87 31.0 19.7 29.5#
59 11.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 248.824 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03

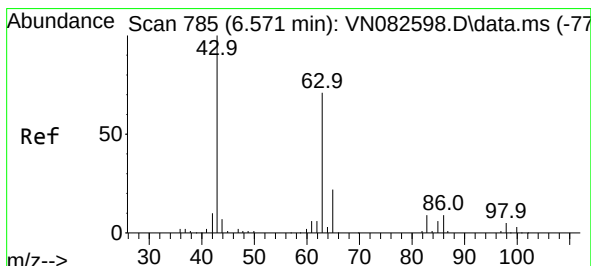
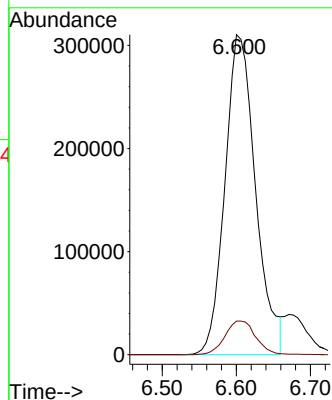
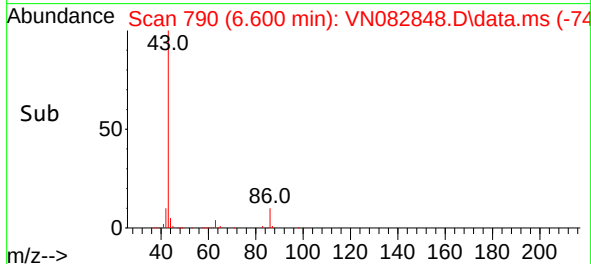
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



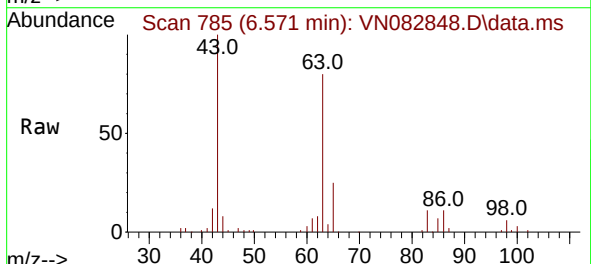
Tgt Ion: 43 Resp: 891829
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.3 10.9

Manual Integrations
 APPROVED

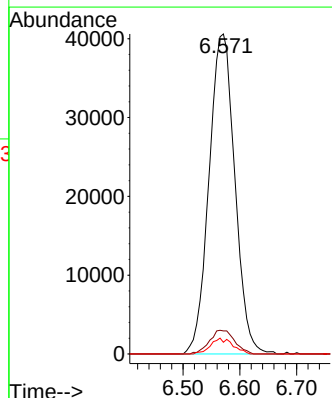
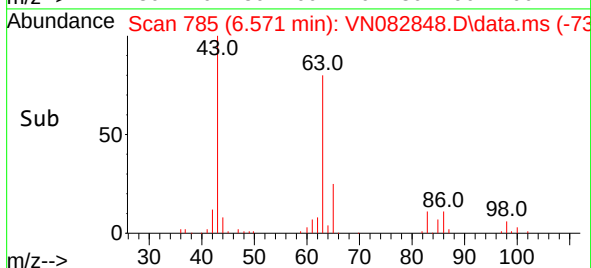
Reviewed By :John Carlone 07/11/2024
 Supervised By :Mahesh Dadoda 07/11/2024

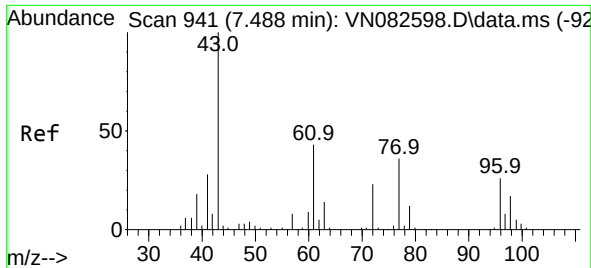


#24
 1,1-Dichloroethane
 Concen: 46.795 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03



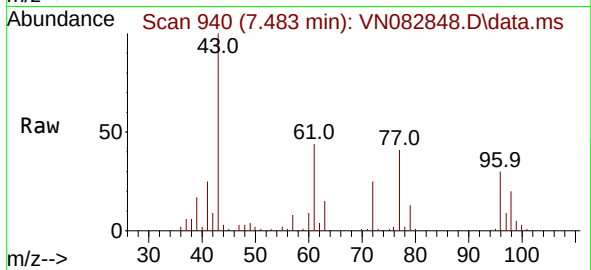
Tgt Ion: 63 Resp: 128109
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 241.325 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

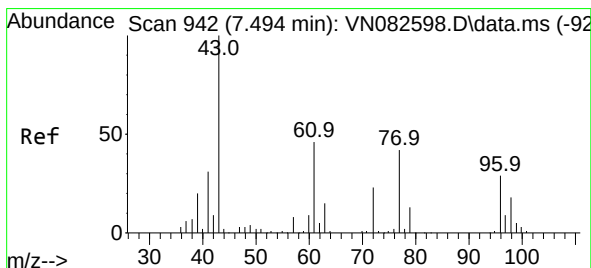
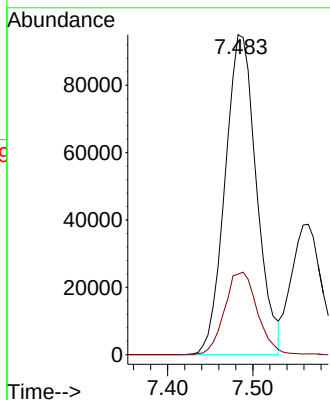
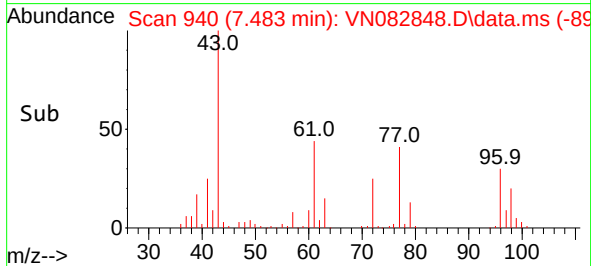
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 243748
Ion Ratio Lower Upper
43 100
72 25.2 18.2 27.2

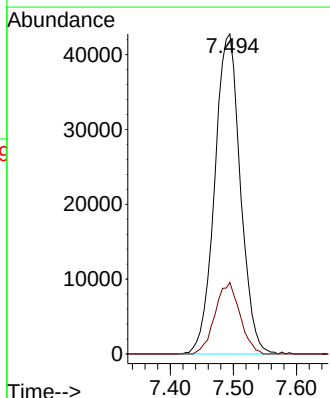
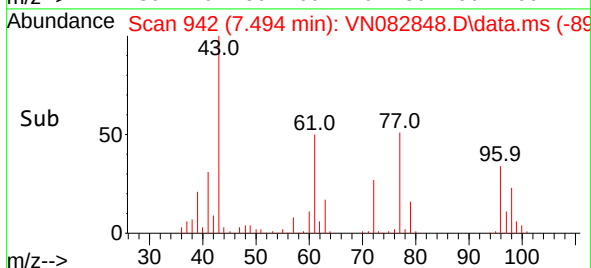
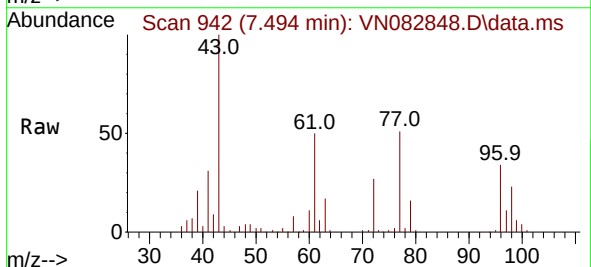
Manual Integrations
APPROVED

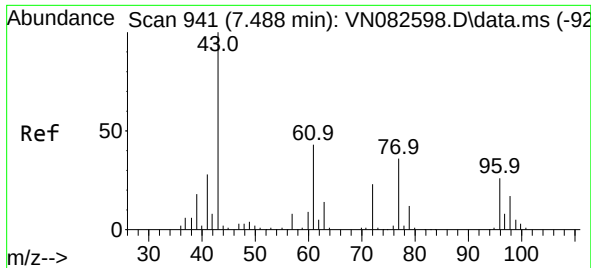
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#26
2,2-Dichloropropane
Concen: 47.459 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 77 Resp: 120803
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





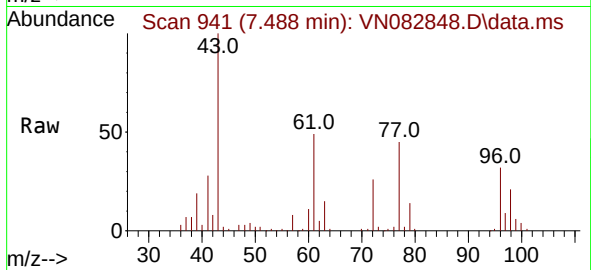
#27
 cis-1,2-Dichloroethene
 Concen: 45.406 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



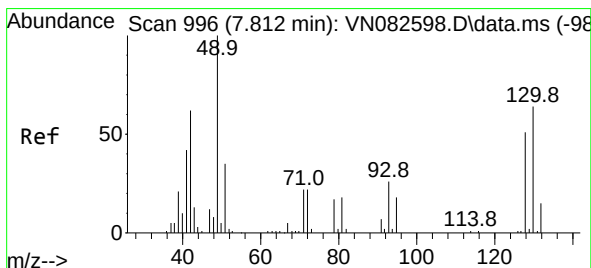
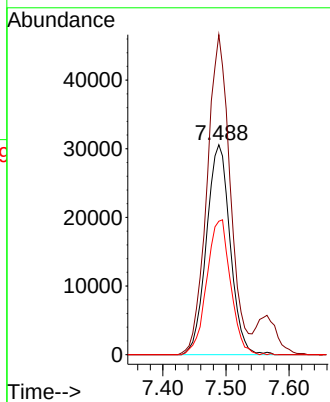
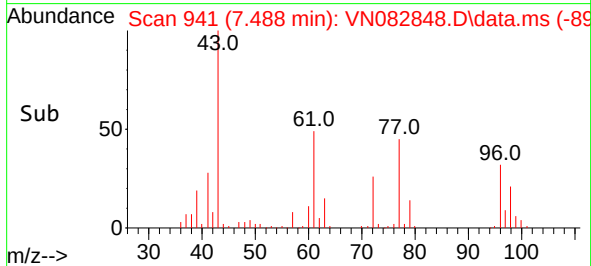
Tgt Ion: 96 Resp: 7969
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 329.6
 98 64.6 0.0 128.6

Manual Integrations

APPROVED

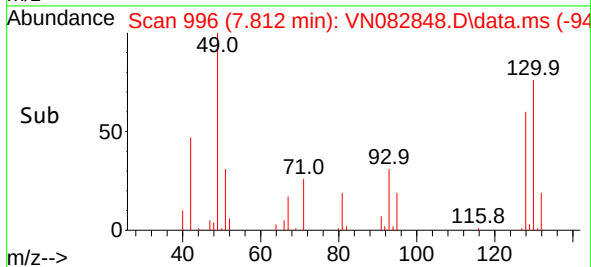
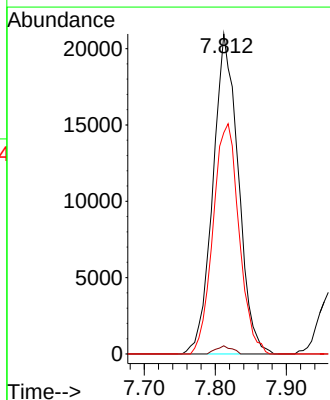
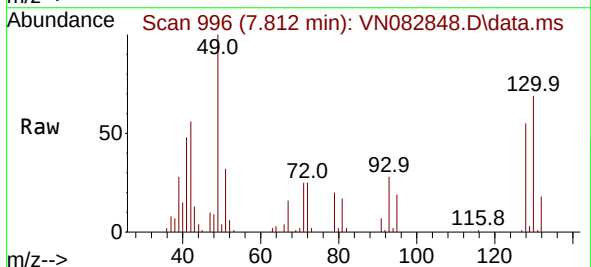
Reviewed By :John Carlone 07/11/2024

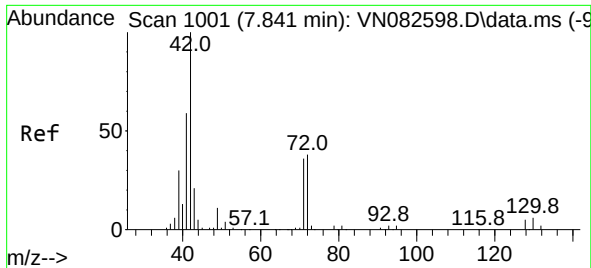
Supervised By :Mahesh Dadoda 07/11/2024



#28
 Bromochloromethane
 Concen: 44.277 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03

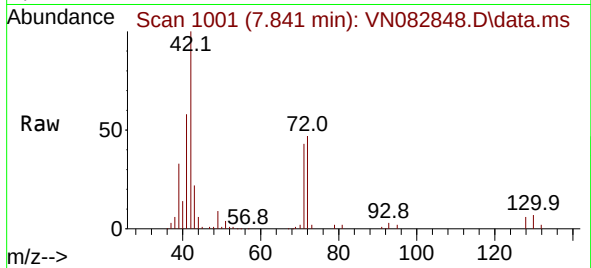
Tgt Ion: 49 Resp: 52001
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 73.8 50.5 75.7





#29
Tetrahydrofuran
Concen: 242.820 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

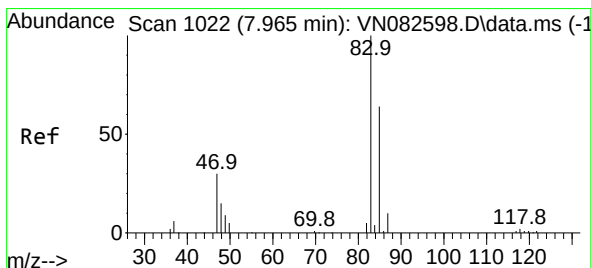
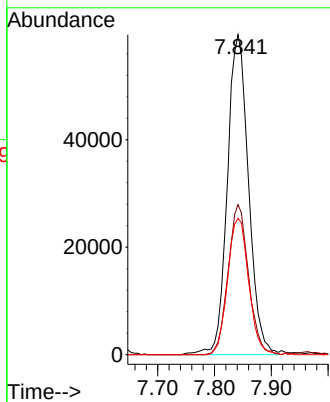
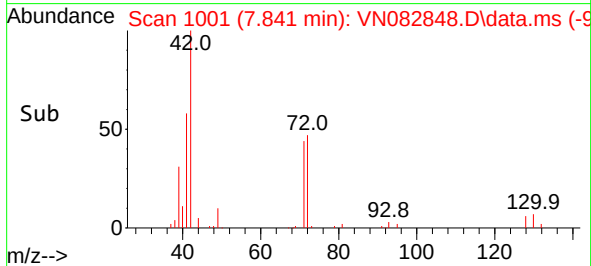
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 15440
Ion Ratio Lower Upper
42 100
72 45.2 30.0 45.0
71 42.2 28.3 42.5

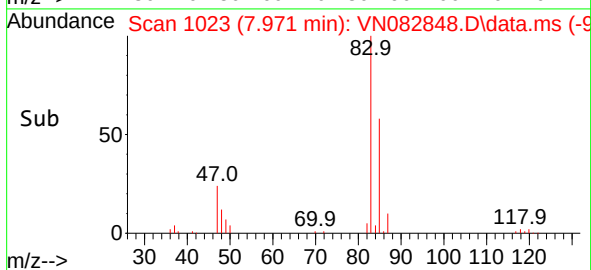
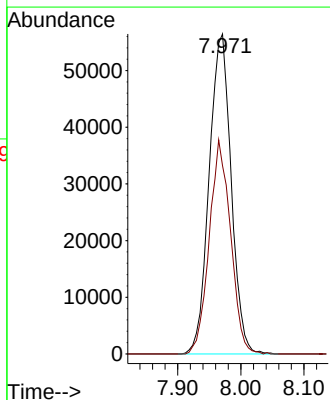
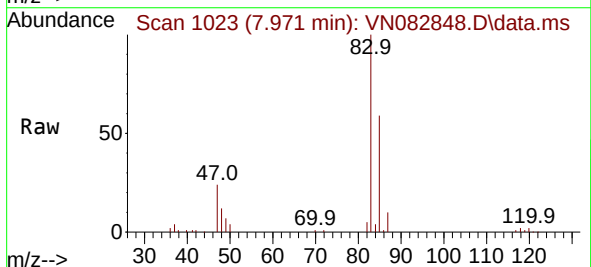
Manual Integrations
APPROVED

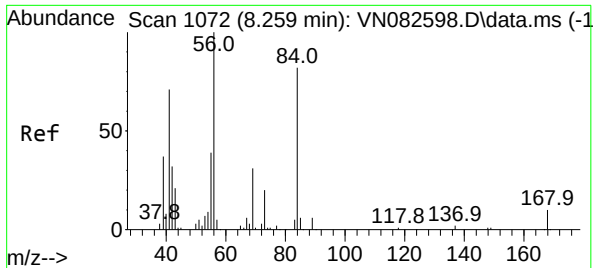
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#30
Chloroform
Concen: 47.024 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

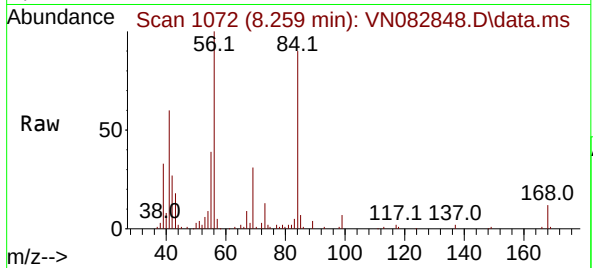
Tgt Ion: 83 Resp: 136572
Ion Ratio Lower Upper
83 100
85 58.9 50.9 76.3





#31
Cyclohexane
Concen: 44.667 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

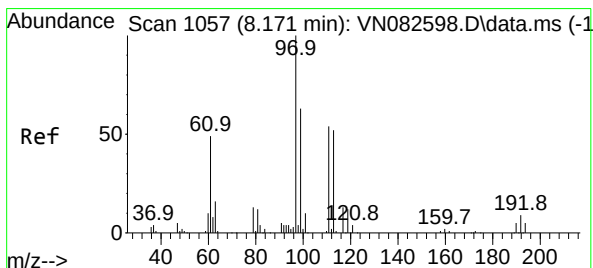
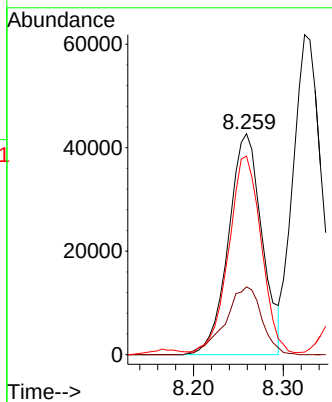
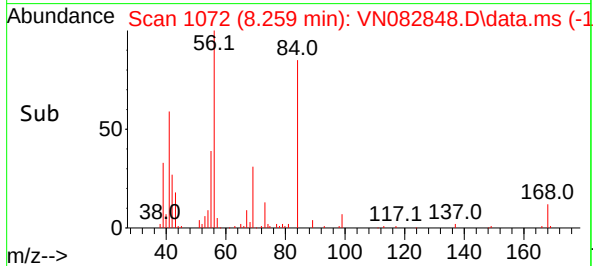
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



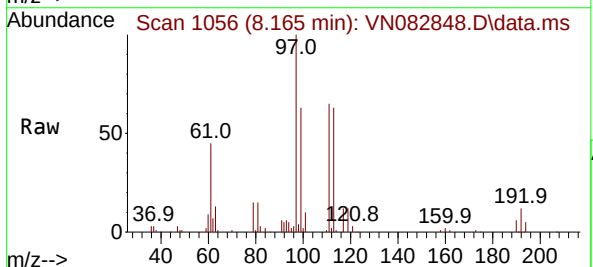
Tgt Ion: 56 Resp: 110950
Ion Ratio Lower Upper
56 100
69 30.7 24.5 36.7
84 88.3 66.0 99.0

Manual Integrations
APPROVED

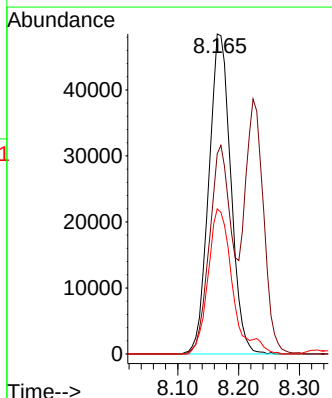
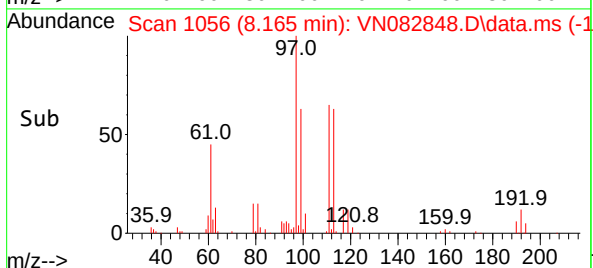
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

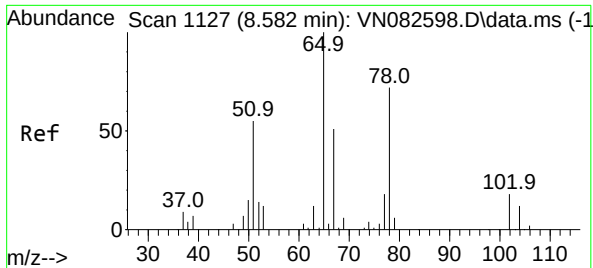


#32
1,1,1-Trichloroethane
Concen: 45.132 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



Tgt Ion: 97 Resp: 121699
Ion Ratio Lower Upper
97 100
99 66.6 52.0 78.0
61 50.1 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 51.472 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 97794

Ion Ratio Lower Upper

65 100

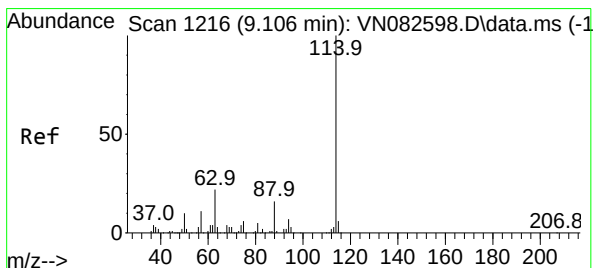
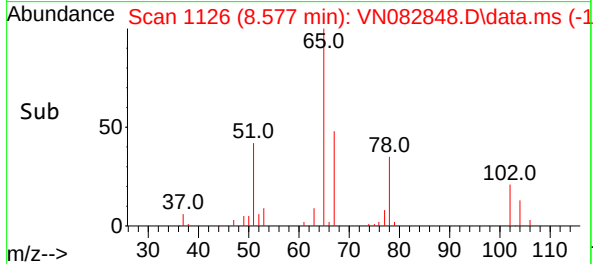
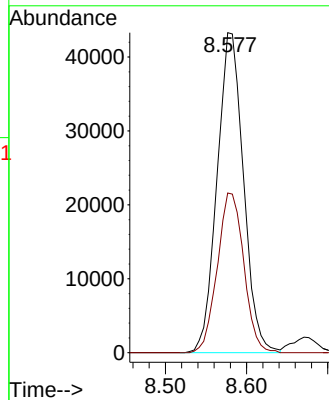
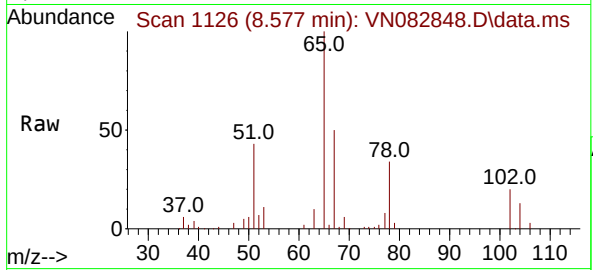
67 50.1 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

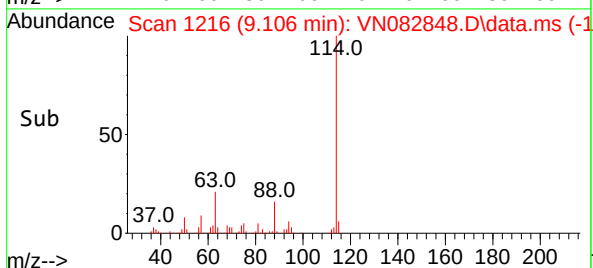
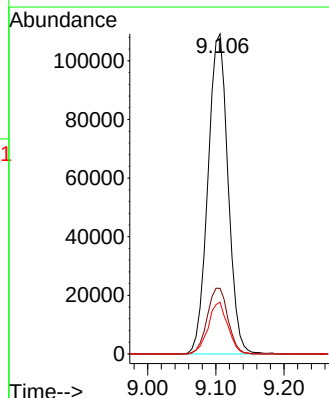
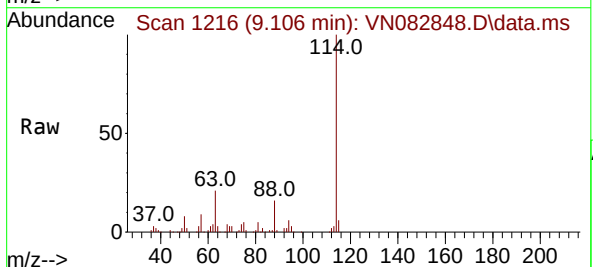
Tgt Ion:114 Resp: 223624

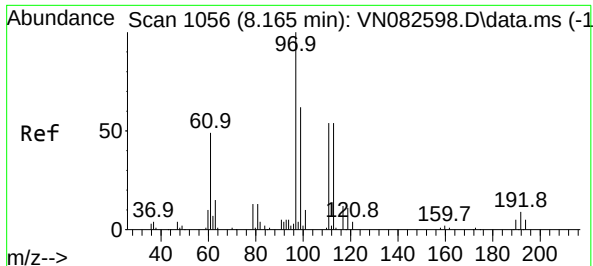
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.6

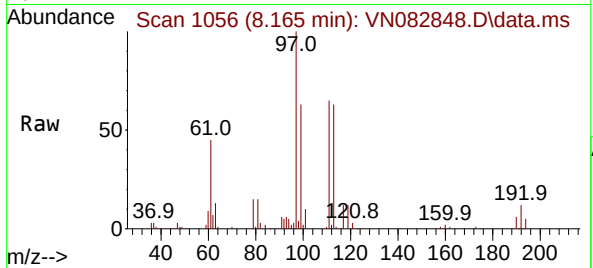
88 16.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.461 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

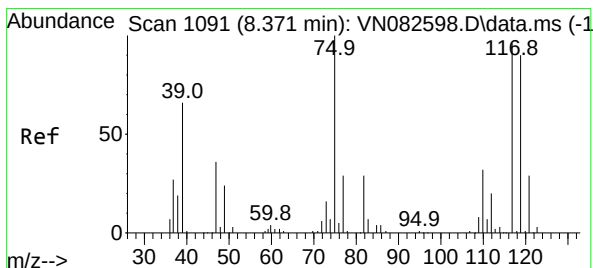
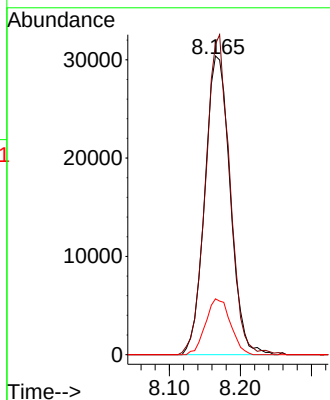
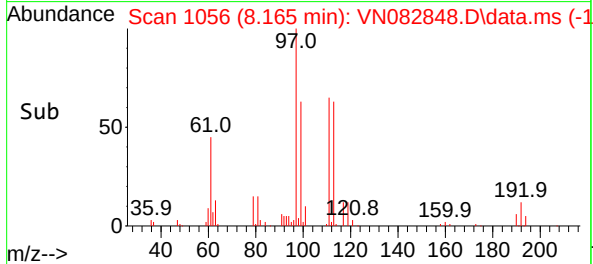
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



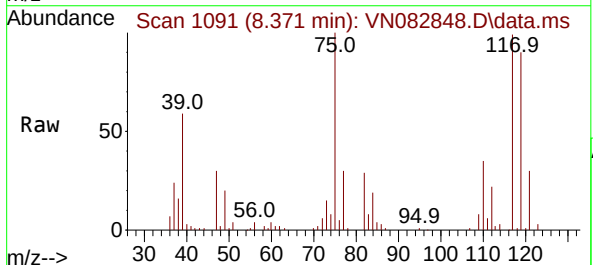
Tgt Ion:113 Resp: 75279
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.3 14.9 22.3

Manual Integrations
APPROVED

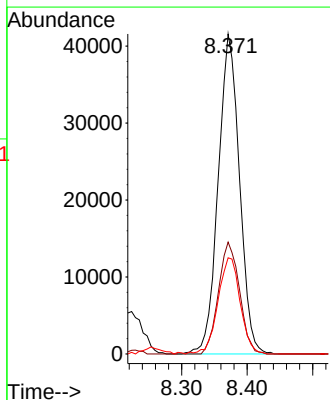
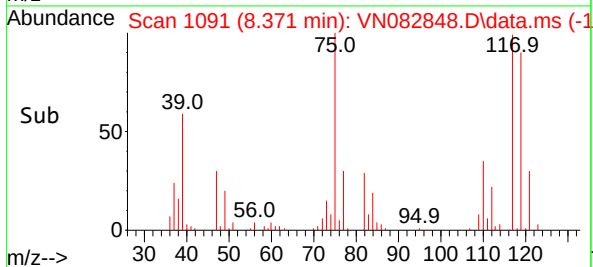
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

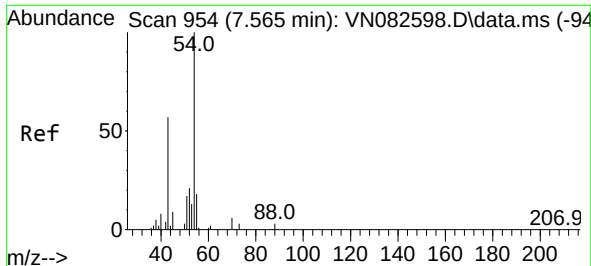


#36
1,1-Dichloropropene
Concen: 47.312 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



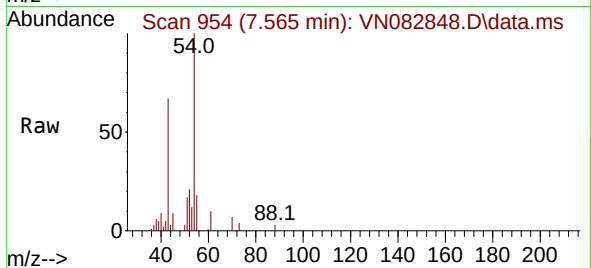
Tgt Ion: 75 Resp: 93602
Ion Ratio Lower Upper
75 100
110 34.5 16.3 48.9
77 31.4 24.6 37.0





#37
Ethyl Acetate
Concen: 49.701 ug/l
RT: 7.565 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

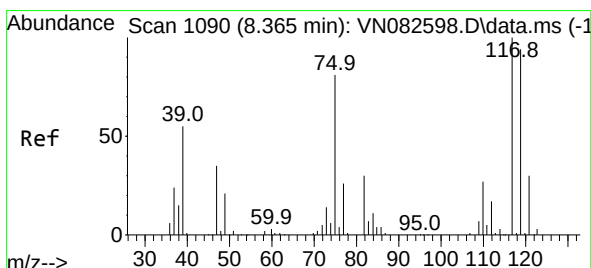
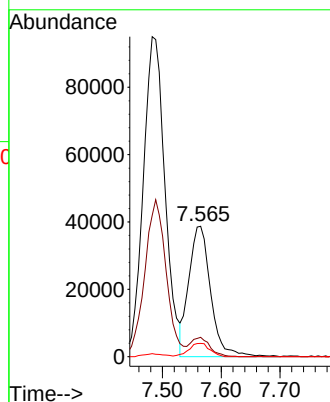
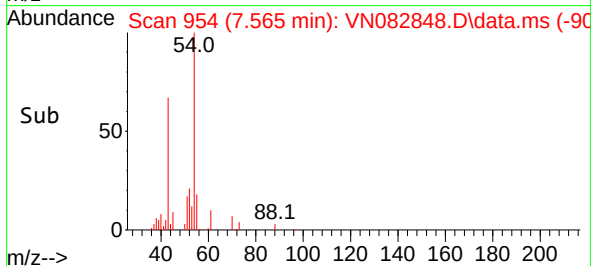
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 100109
Ion Ratio Lower Upper
43 100
61 12.7 9.3 13.9
70 9.8 7.0 10.6

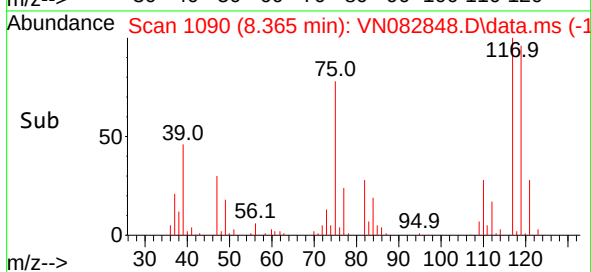
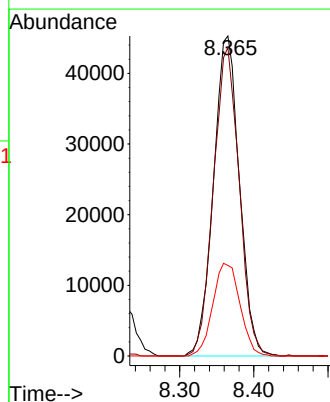
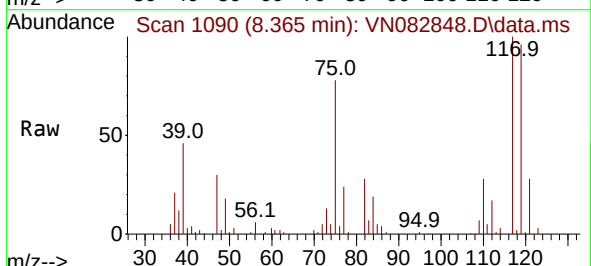
Manual Integrations
APPROVED

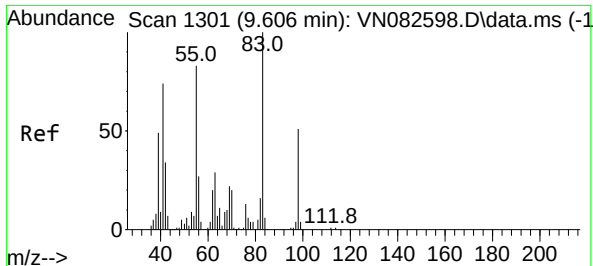
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#38
Carbon Tetrachloride
Concen: 46.136 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:117 Resp: 109899
Ion Ratio Lower Upper
117 100
119 96.4 74.9 112.3
121 28.3 24.3 36.5





#39

Methylcyclohexane

Concen: 46.688 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

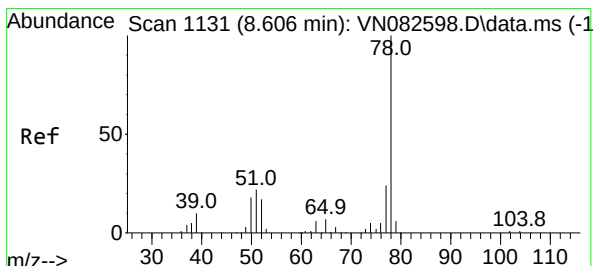
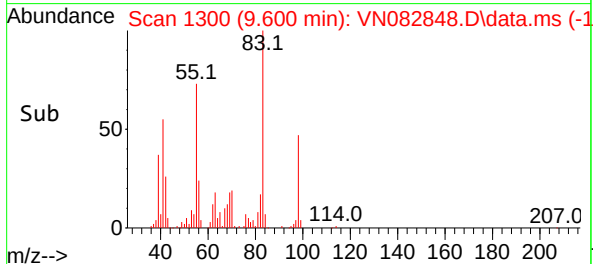
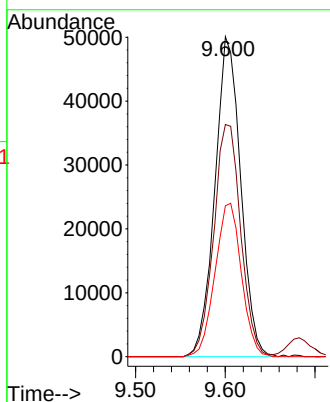
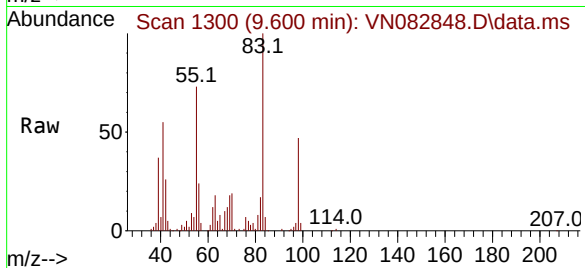
Tgt Ion: 83	Resp: 99774
Ion Ratio	Lower Upper
83 100	
55 72.5	66.4 99.6
98 47.1	40.7 61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#40

Benzene

Concen: 47.550 ug/l

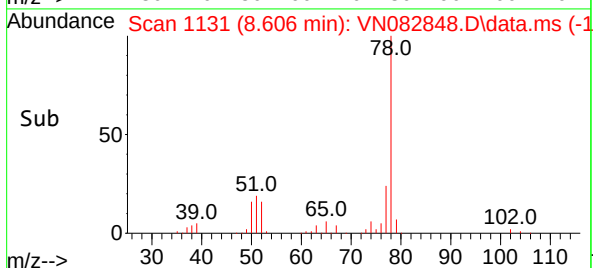
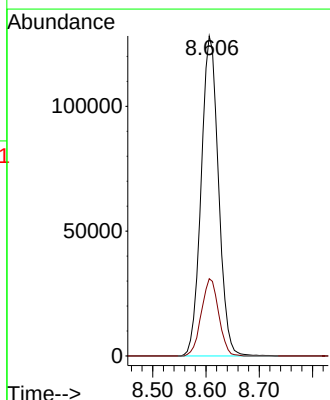
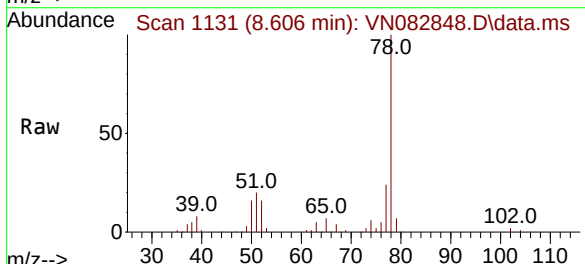
RT: 8.606 min Scan# 1131

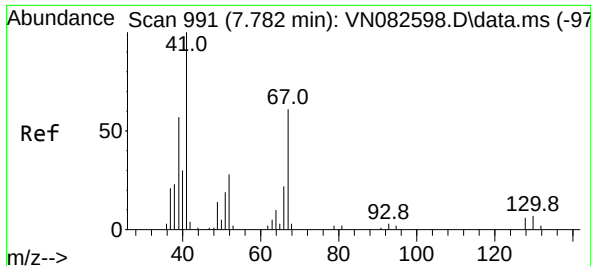
Delta R.T. 0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Tgt Ion: 78	Resp: 289370
Ion Ratio	Lower Upper
78 100	
77 24.1	19.0 28.4





#41
Methacrylonitrile
Concen: 46.993 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

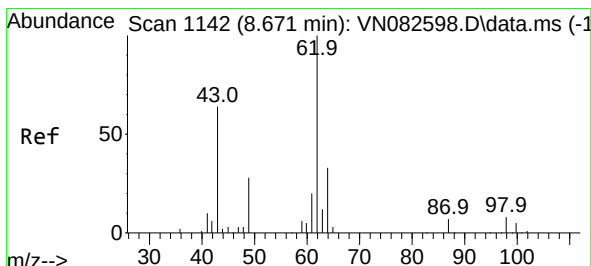
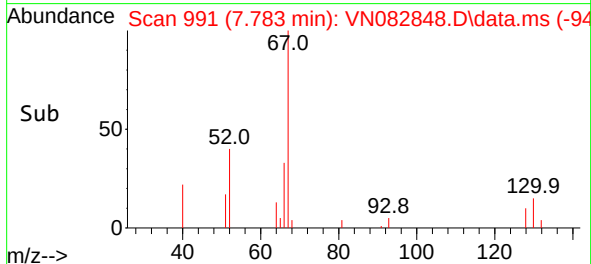
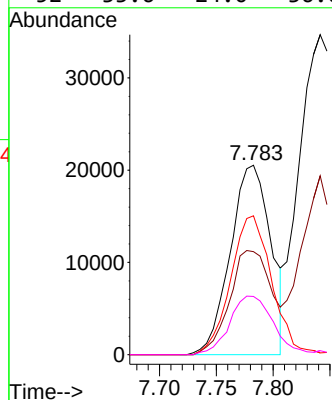
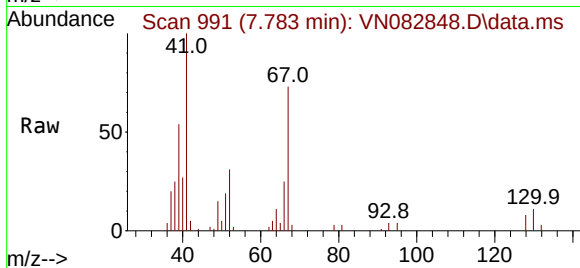
Tgt Ion: 41 Resp: 5099
Ion Ratio Lower Upper
41 100
39 56.5 45.5 68.3
67 74.6 50.5 75.7
52 33.6 24.0 36.0

Manual Integrations

APPROVED

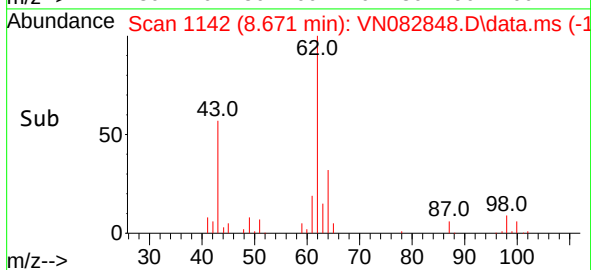
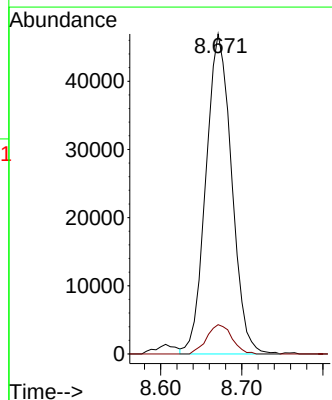
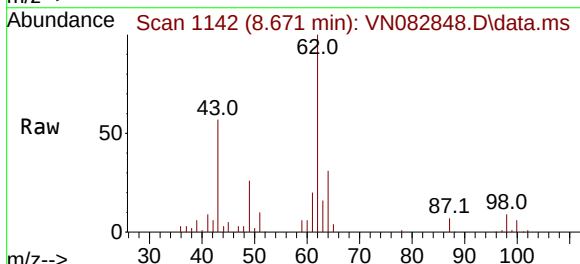
Reviewed By :John Carlone 07/11/2024

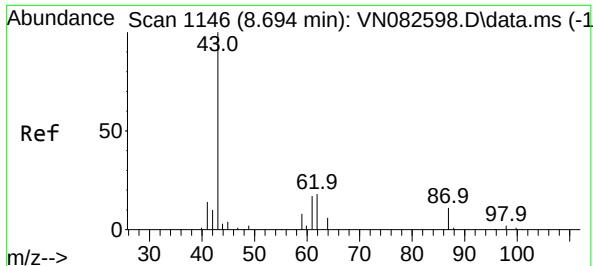
Supervised By :Mahesh Dadoda 07/11/2024



#42
1,2-Dichloroethane
Concen: 47.262 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 62 Resp: 103543
Ion Ratio Lower Upper
62 100
98 8.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 46.109 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 175990

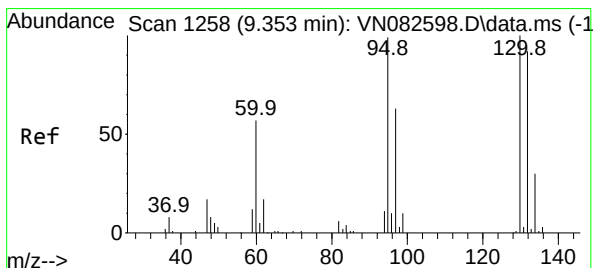
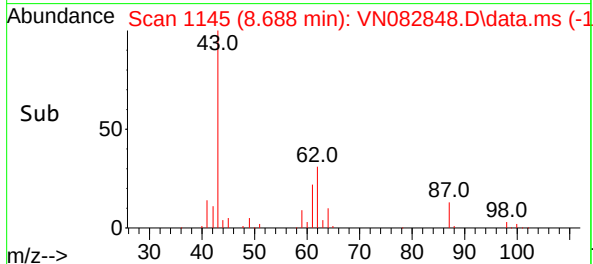
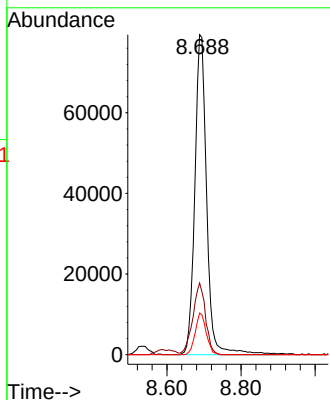
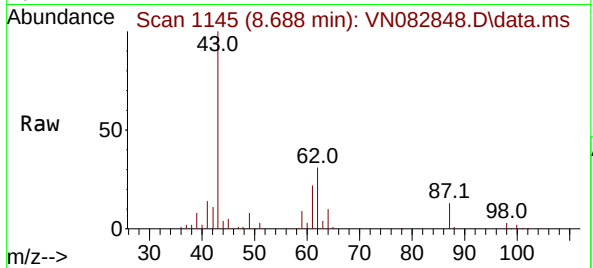
Ion	Ratio	Lower	Upper
43	100		
61	24.0	17.8	26.6
87	12.1	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#44

Trichloroethene

Concen: 44.873 ug/l

RT: 9.353 min Scan# 1258

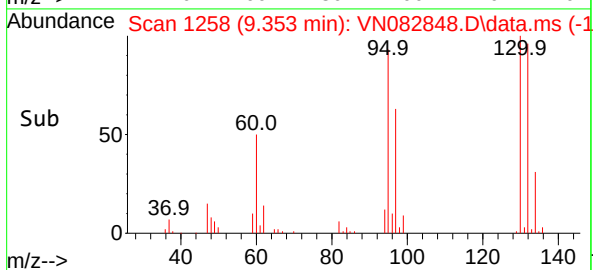
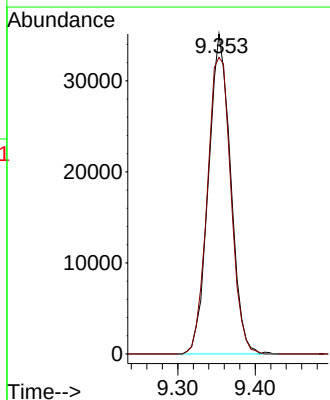
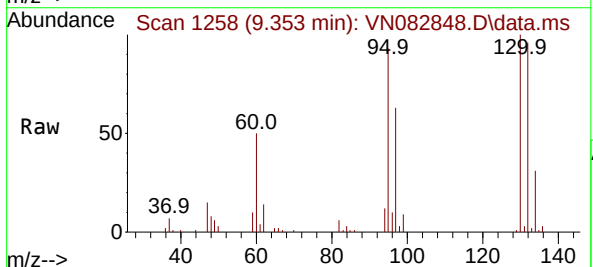
Delta R.T. 0.000 min

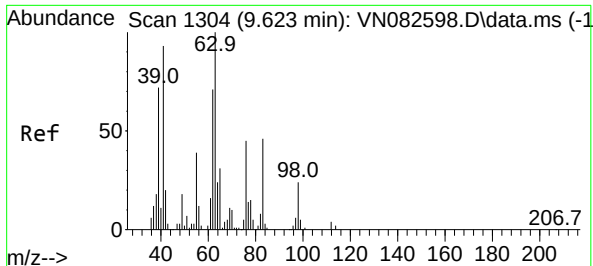
Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Tgt Ion:130 Resp: 69963

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	197.8





#45

1,2-Dichloropropane

Concen: 51.103 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 72600

Ion Ratio Lower Upper

63 100

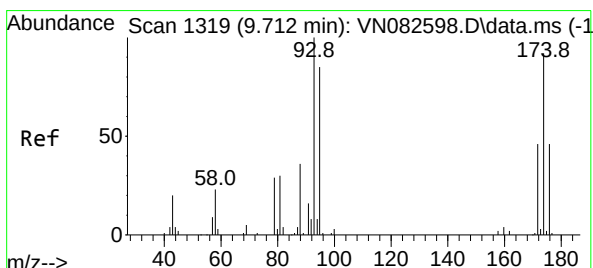
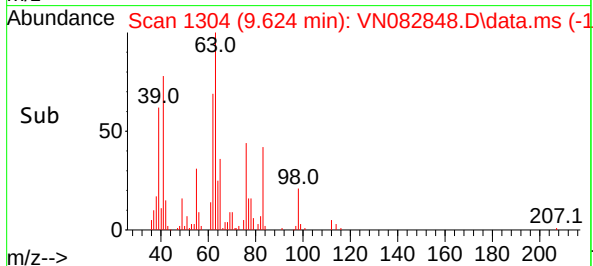
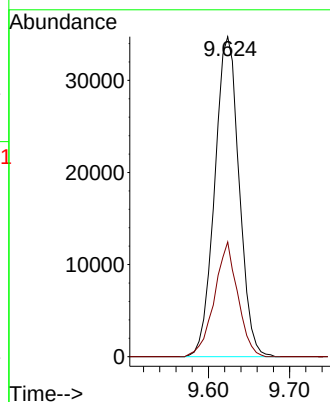
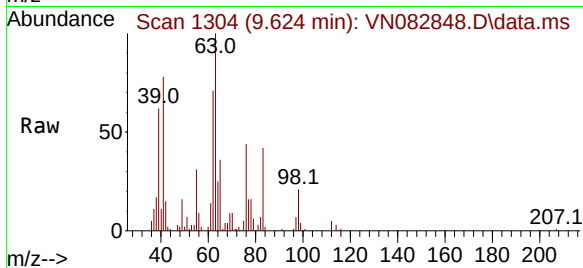
65 35.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#46

Dibromomethane

Concen: 47.513 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

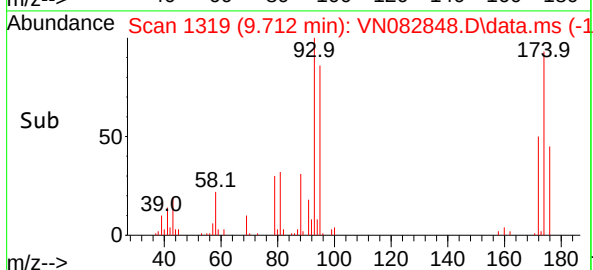
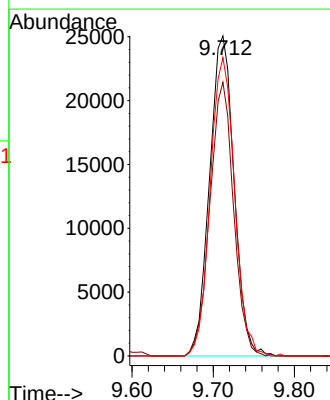
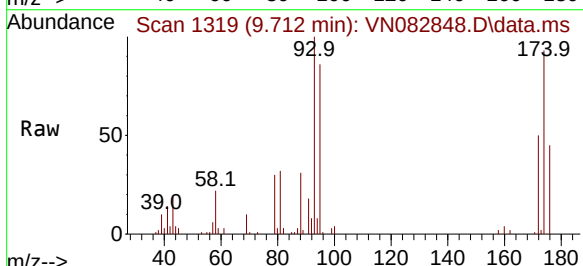
Tgt Ion: 93 Resp: 52590

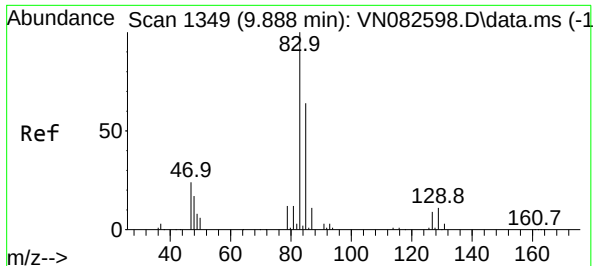
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.6

174 92.5 71.7 107.5





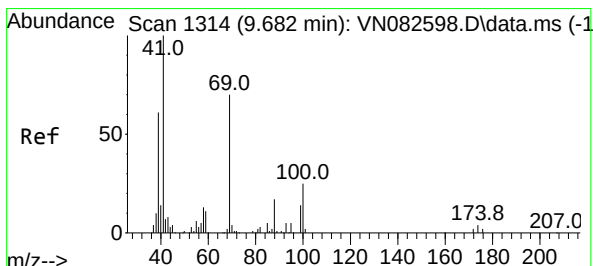
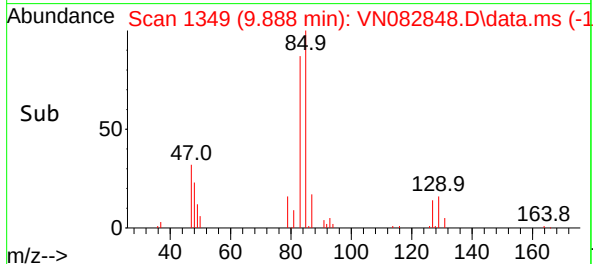
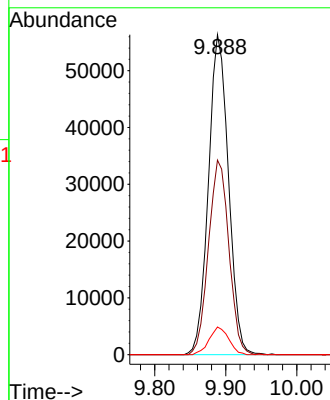
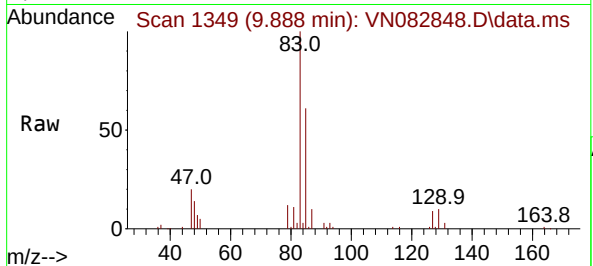
#47
Bromodichloromethane
Concen: 48.257 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11036
Ion Ratio Lower Upper
83 100
85 60.8 51.1 76.7
127 8.7 7.2 10.8

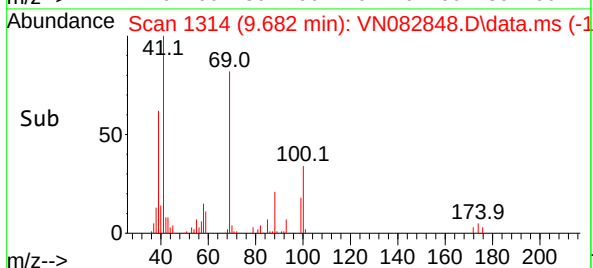
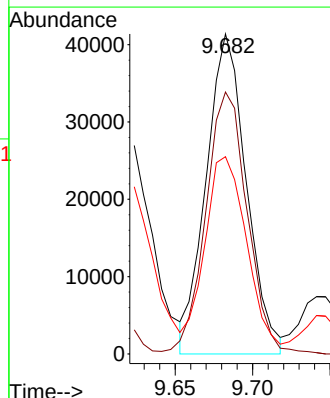
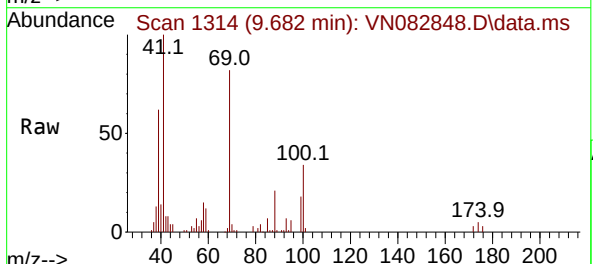
Manual Integrations
APPROVED

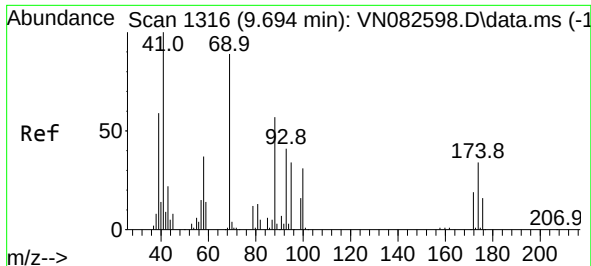
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#48
Methyl methacrylate
Concen: 47.205 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 41 Resp: 74553
Ion Ratio Lower Upper
41 100
69 84.8 56.3 84.5
39 65.1 50.3 75.5





#49

1,4-Dioxane

Concen: 907.061 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 31230

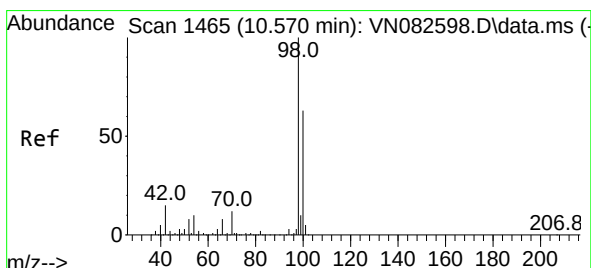
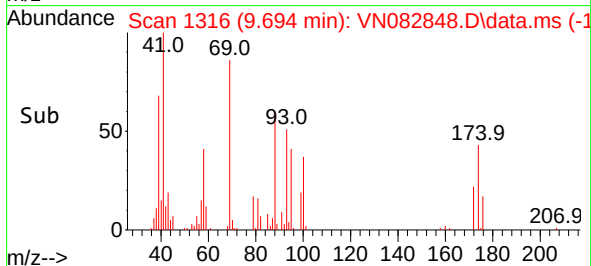
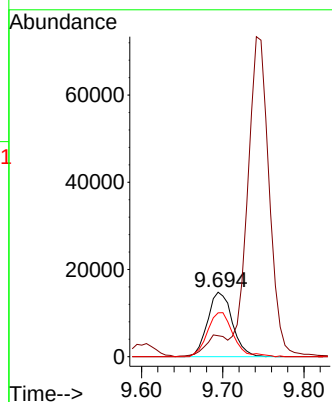
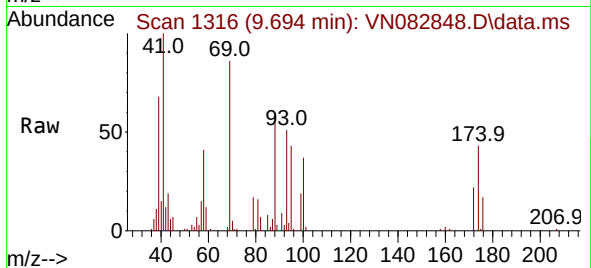
Ion	Ratio	Lower	Upper
88	100		
43	29.5	27.8	41.8
58	71.4	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#50

Toluene-d8

Concen: 53.094 ug/l

RT: 10.571 min Scan# 1465

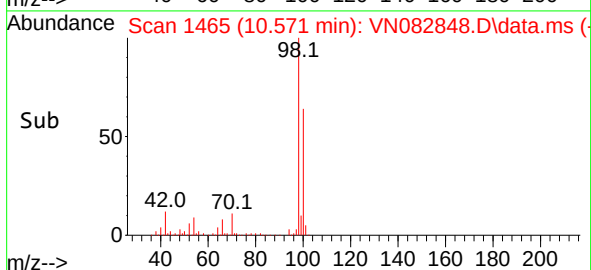
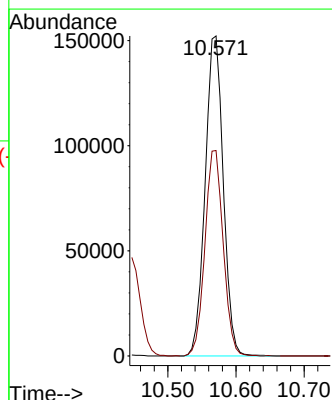
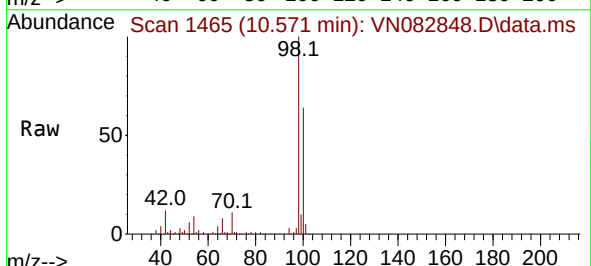
Delta R.T. 0.001 min

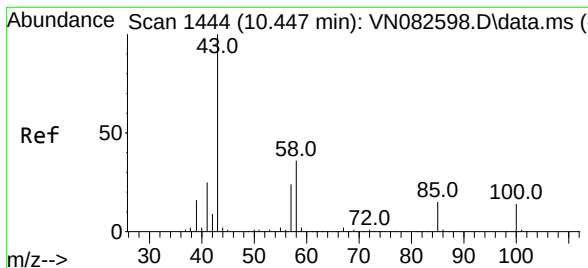
Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Tgt Ion: 98 Resp: 281394

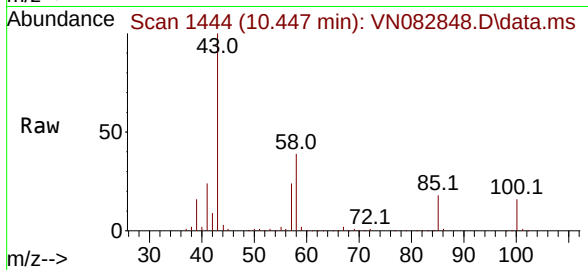
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 253.497 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

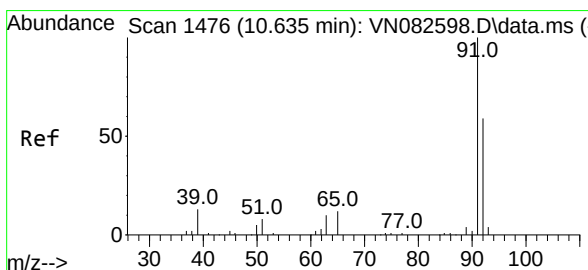
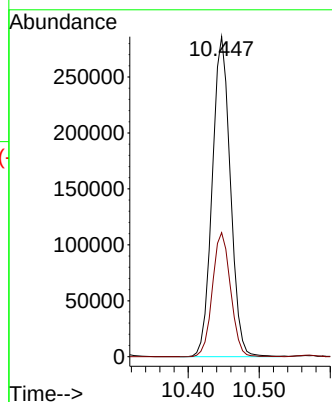
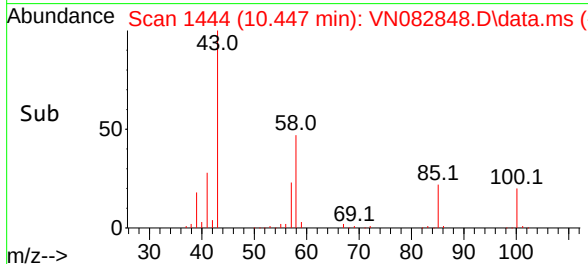
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 506192
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4

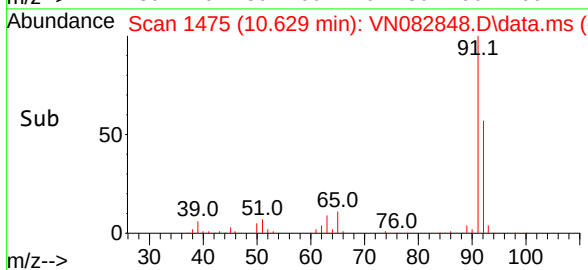
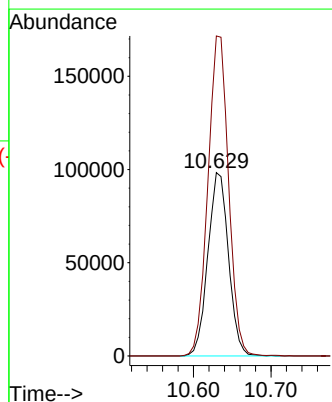
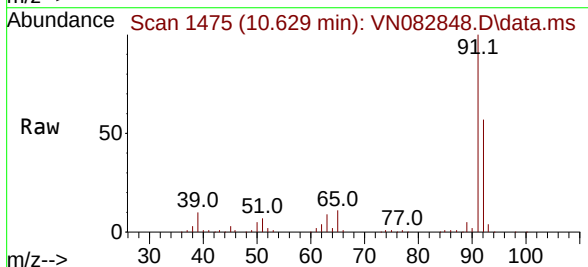
Manual Integrations
APPROVED

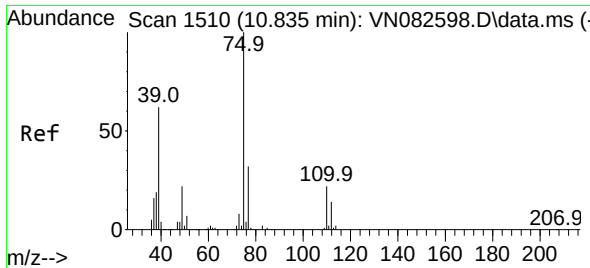
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#52
Toluene
Concen: 47.738 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

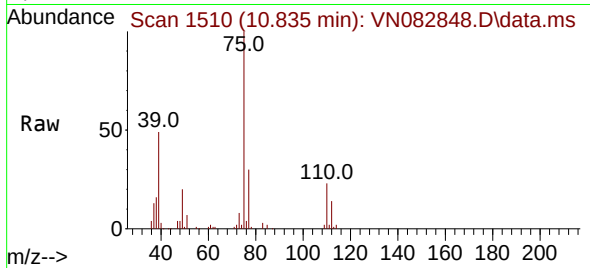
Tgt Ion: 92 Resp: 181478
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 48.372 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

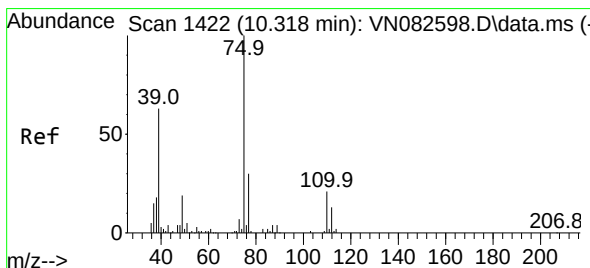
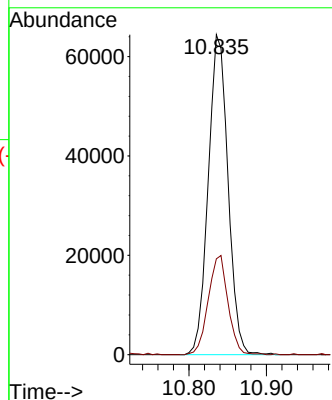
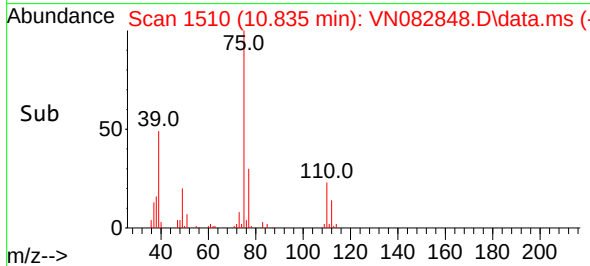
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



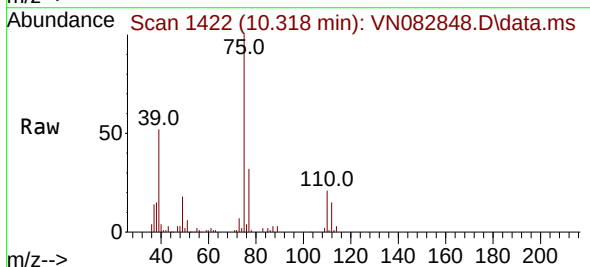
Tgt Ion: 75 Resp: 113960
Ion Ratio Lower Upper
75 100
77 30.0 25.7 38.5

Manual Integrations
APPROVED

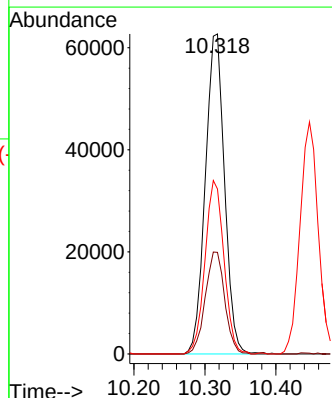
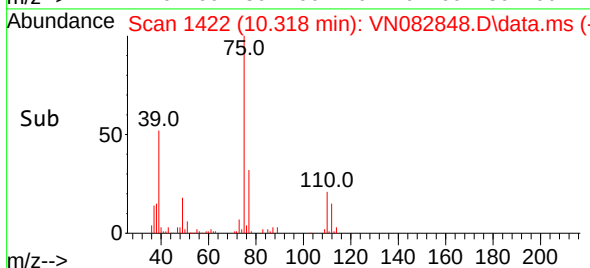
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

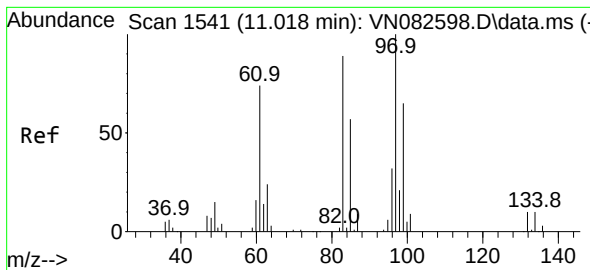


#54
cis-1,3-Dichloropropene
Concen: 47.292 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



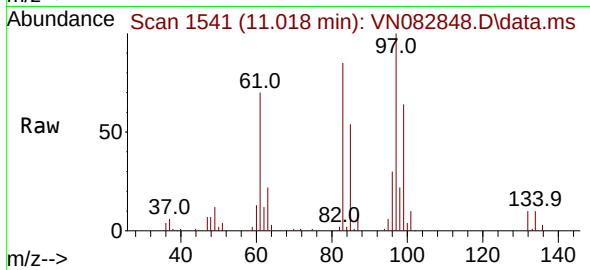
Tgt Ion: 75 Resp: 117938
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5
39 51.6 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 48.576 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

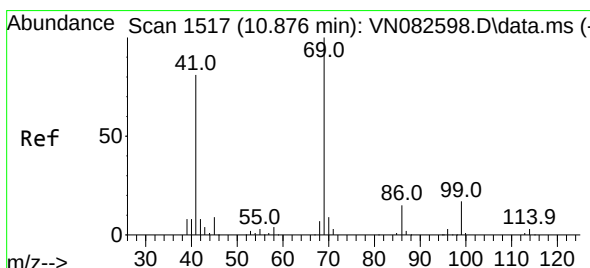
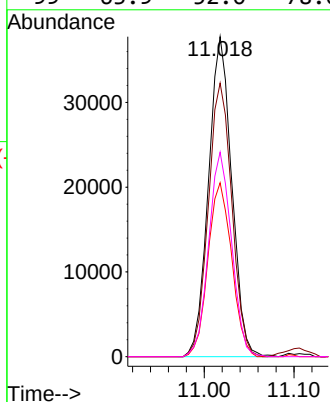
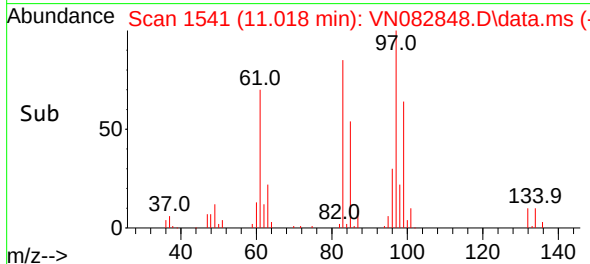
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



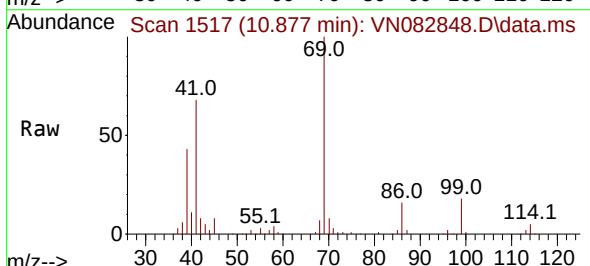
Tgt Ion: 97 Resp: 67905
Ion Ratio Lower Upper
97 100
83 85.5 71.4 107.0
85 54.4 45.8 68.6
99 63.9 52.0 78.0

Manual Integrations
APPROVED

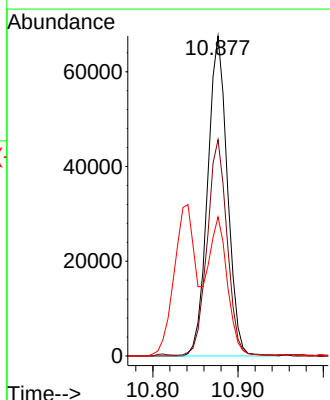
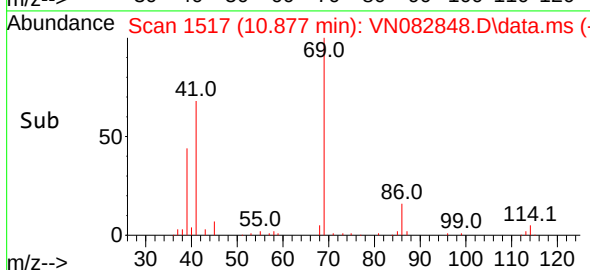
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

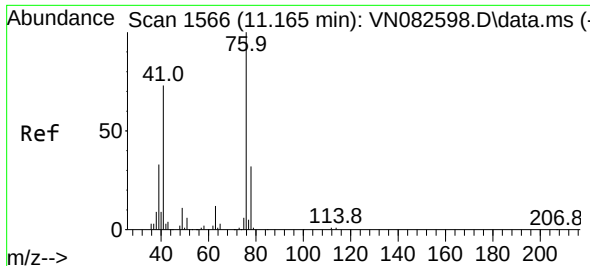


#56
Ethyl methacrylate
Concen: 50.058 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



Tgt Ion: 69 Resp: 108869
Ion Ratio Lower Upper
69 100
41 67.4 63.4 95.2
39 39.8 37.4 56.0





#57

1,3-Dichloropropane

Concen: 47.586 ug/l

RT: 11.165 min Scan# 117749

Delta R.T. -0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 117749

Ion Ratio Lower Upper

76 100

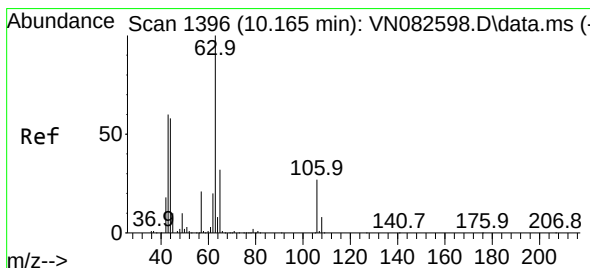
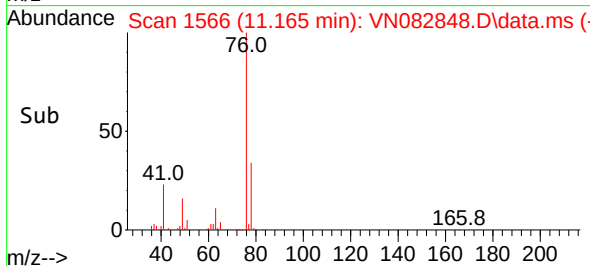
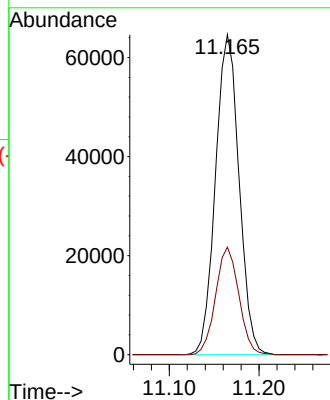
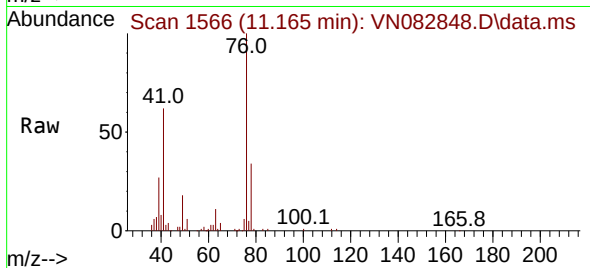
78 33.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 287.317 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN082848.D

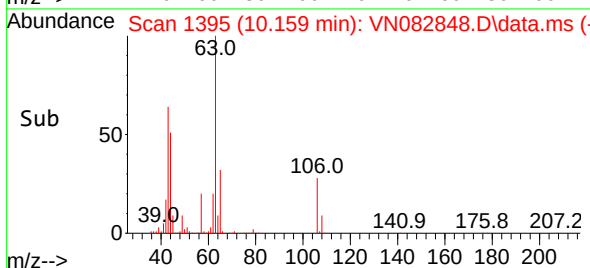
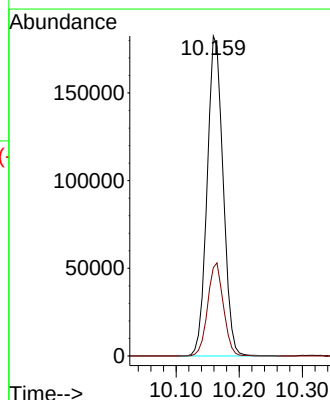
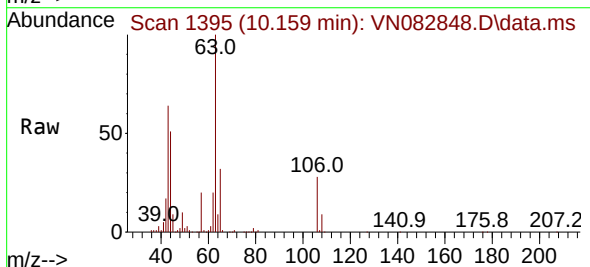
Acq: 10 Jul 2024 12:03

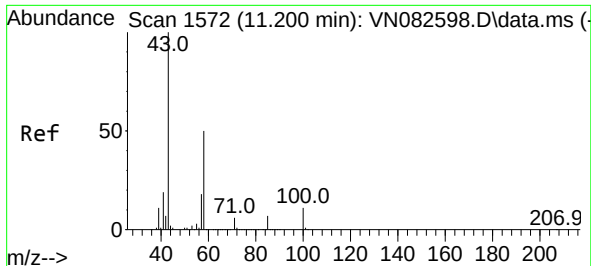
Tgt Ion: 63 Resp: 320637

Ion Ratio Lower Upper

63 100

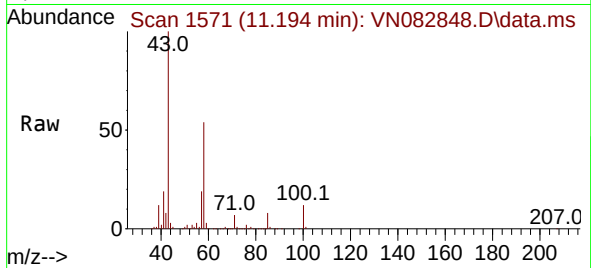
106 28.6 21.4 32.0





#59
2-Hexanone
Concen: 260.329 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

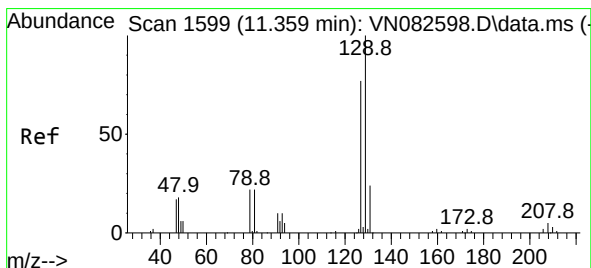
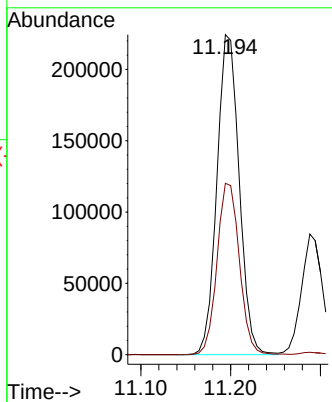
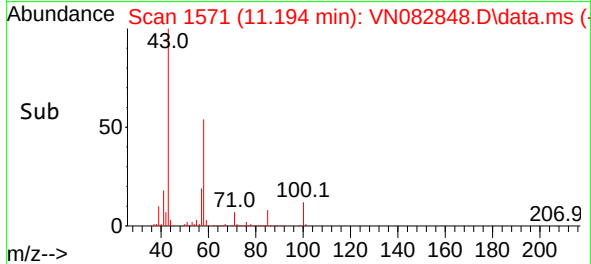
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 386488
Ion Ratio Lower Upper
43 100
58 53.8 24.6 73.8

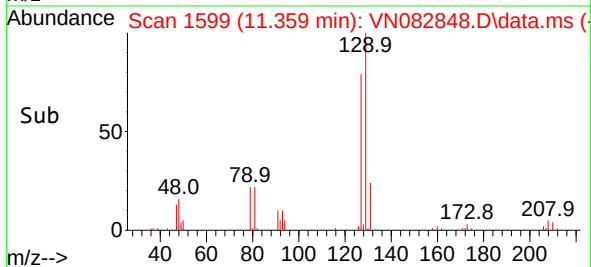
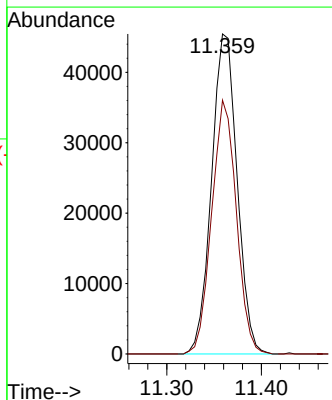
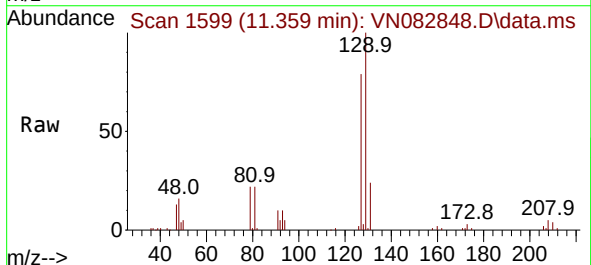
Manual Integrations
APPROVED

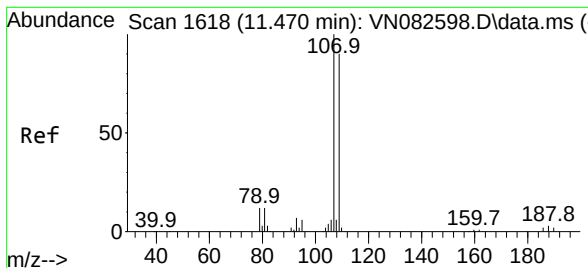
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#60
Dibromochloromethane
Concen: 47.907 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:129 Resp: 85296
Ion Ratio Lower Upper
129 100
127 76.5 39.2 117.6





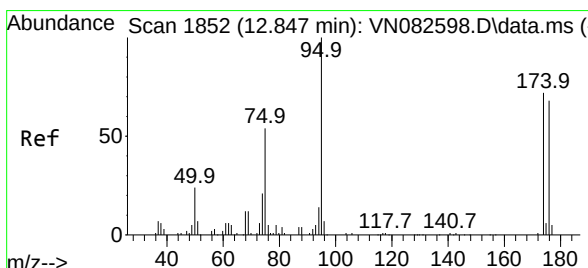
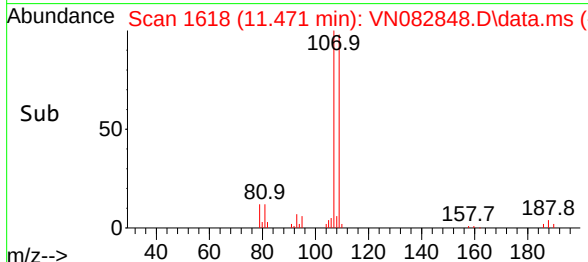
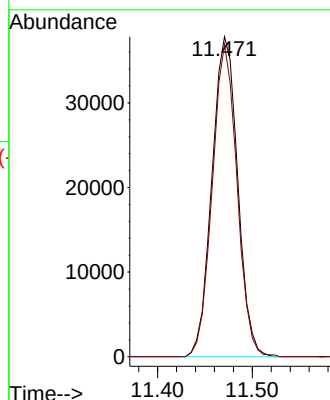
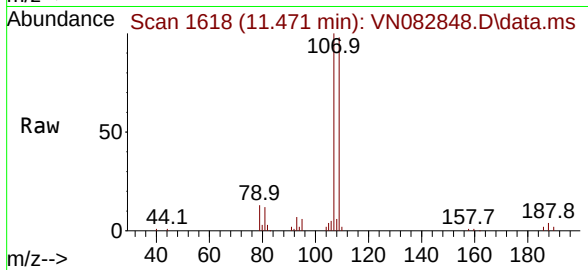
#61
1,2-Dibromoethane
Concen: 48.004 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 71262
Ion Ratio Lower Upper
107 100
109 93.8 73.7 110.5

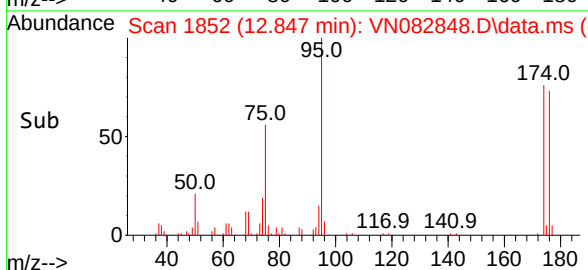
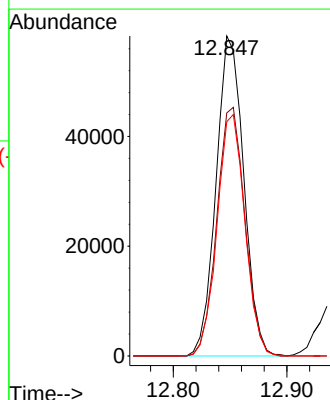
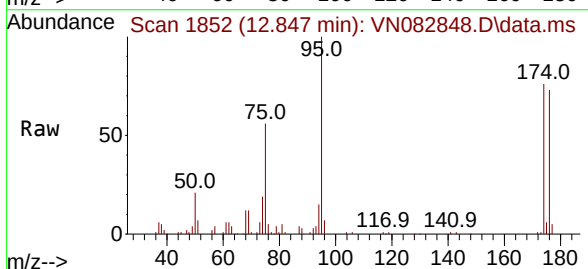
Manual Integrations
APPROVED

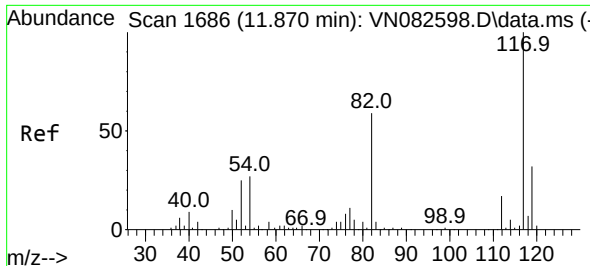
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#62
4-Bromofluorobenzene
Concen: 51.776 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

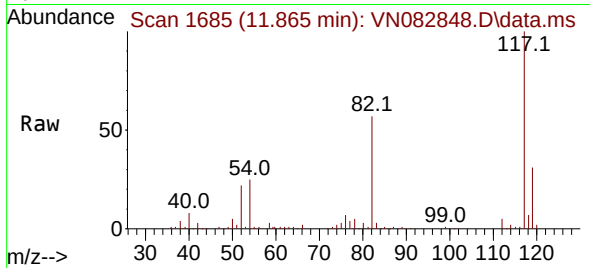
Tgt Ion: 95 Resp: 98570
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 75.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

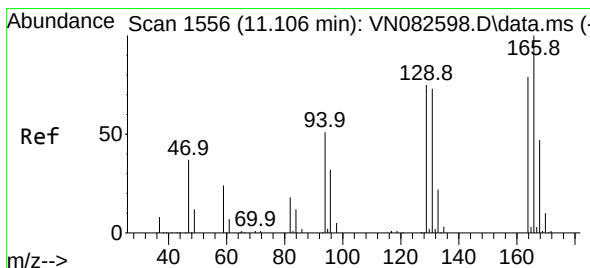
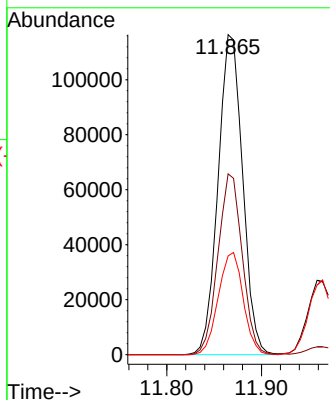
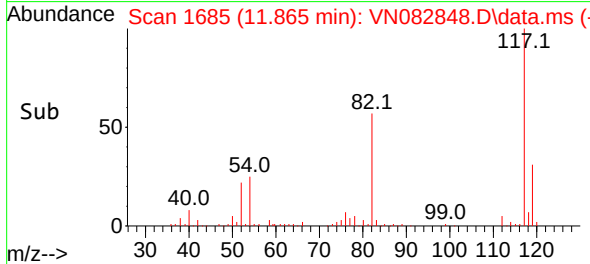
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 209979
Ion Ratio Lower Upper
117 100
82 56.5 47.5 71.3
119 30.8 25.6 38.4

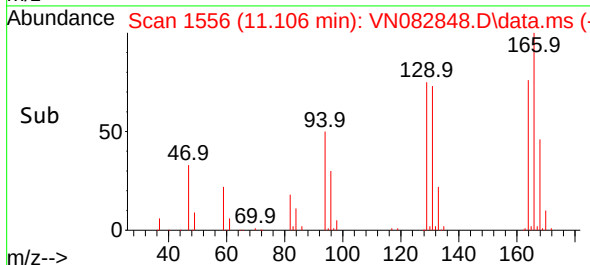
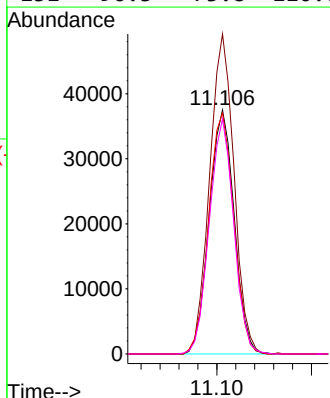
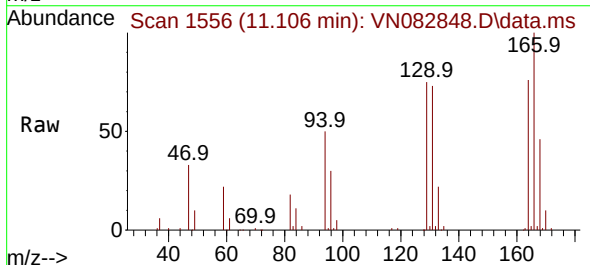
Manual Integrations
APPROVED

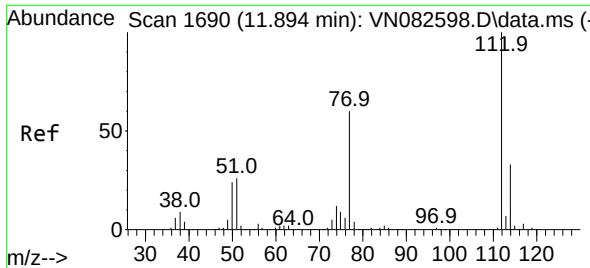
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#64
Tetrachloroethene
Concen: 44.052 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

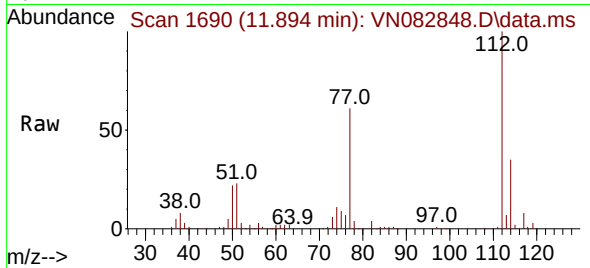
Tgt Ion:164 Resp: 69012
Ion Ratio Lower Upper
164 100
166 131.1 101.4 152.0
129 98.7 75.7 113.5
131 96.3 73.8 110.6





#65
Chlorobenzene
Concen: 44.333 ug/l
RT: 11.894 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

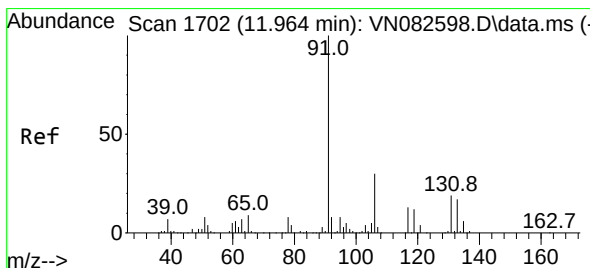
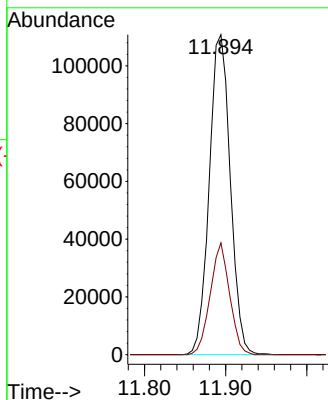
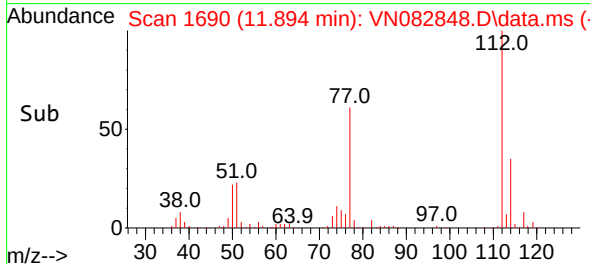
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 199479
Ion Ratio Lower Upper
112 100
114 34.9 26.2 39.2

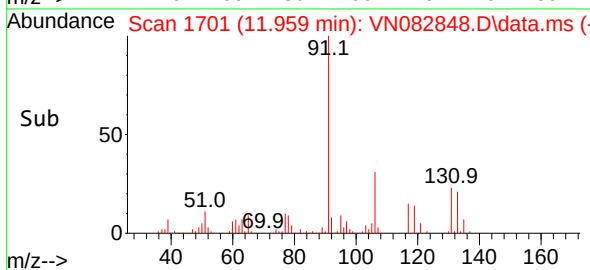
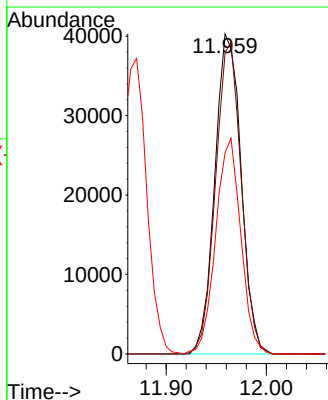
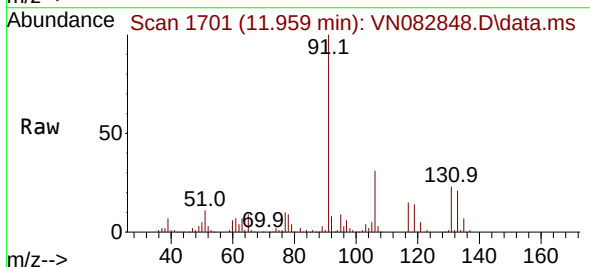
Manual Integrations
APPROVED

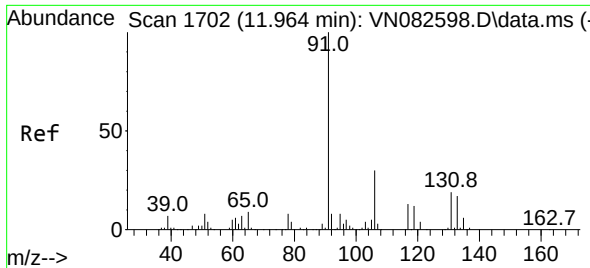
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 45.709 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:131 Resp: 73156
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 64.6 32.5 97.4





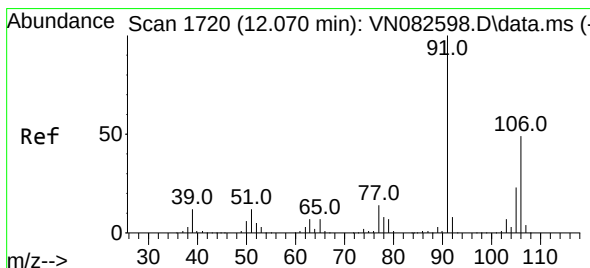
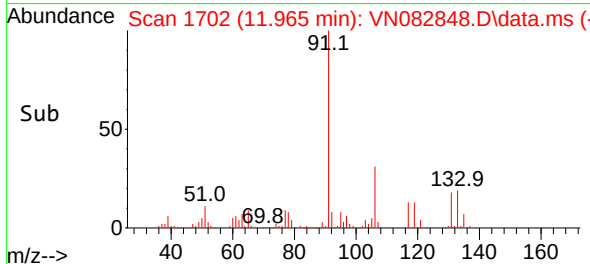
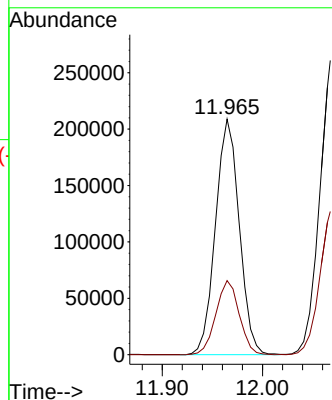
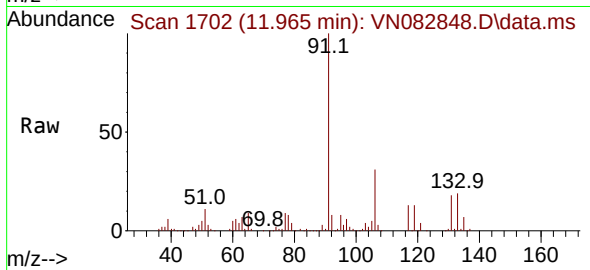
#67
Ethyl Benzene
Concen: 45.482 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 34395
Ion Ratio Lower Upper
91 100
106 31.4 24.0 36.0

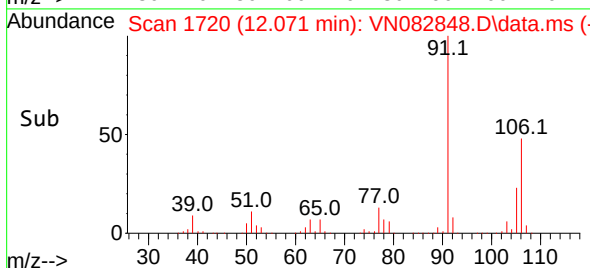
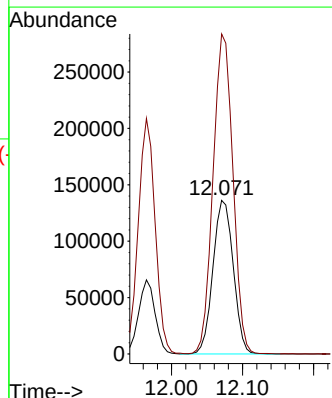
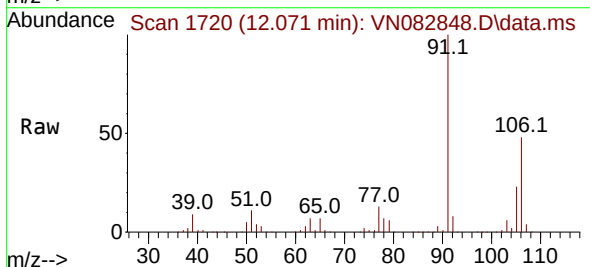
Manual Integrations
APPROVED

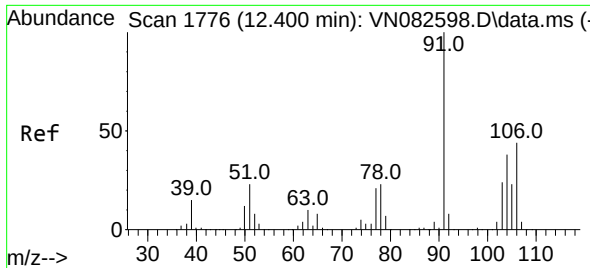
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#68
m/p-Xylenes
Concen: 94.548 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:106 Resp: 269943
Ion Ratio Lower Upper
106 100
91 203.9 166.1 249.1





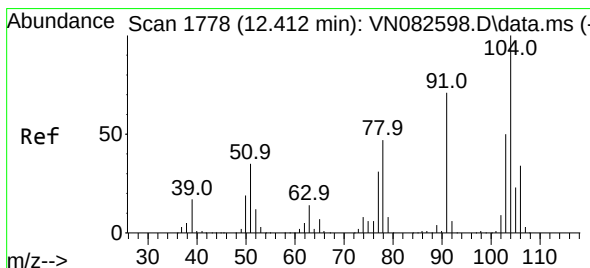
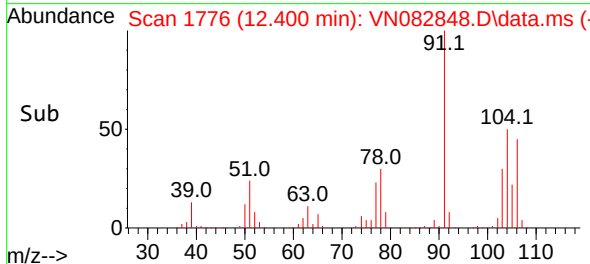
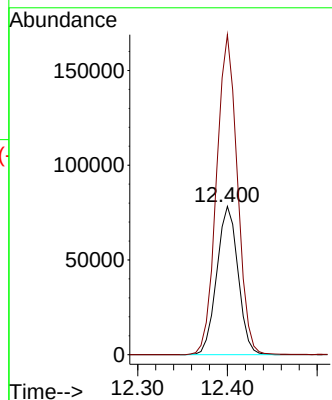
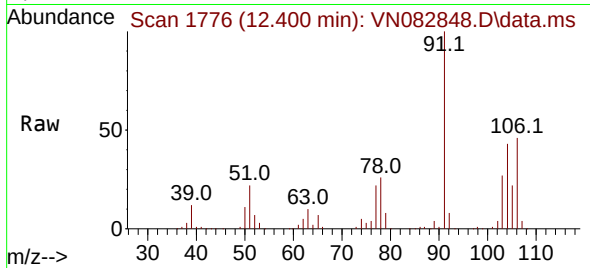
#69
o-Xylene
Concen: 47.070 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 128769
Ion Ratio Lower Upper
106 100
91 212.0 111.3 333.9

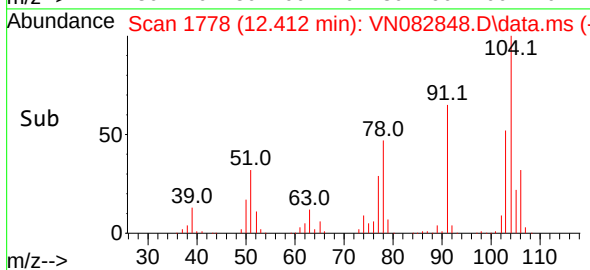
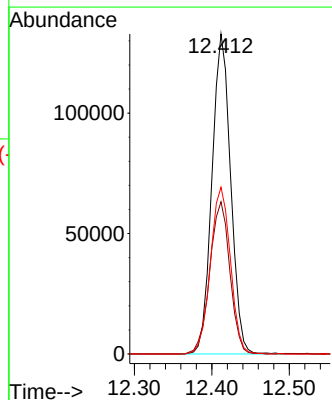
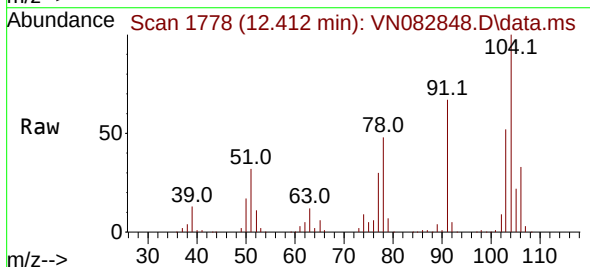
Manual Integrations
APPROVED

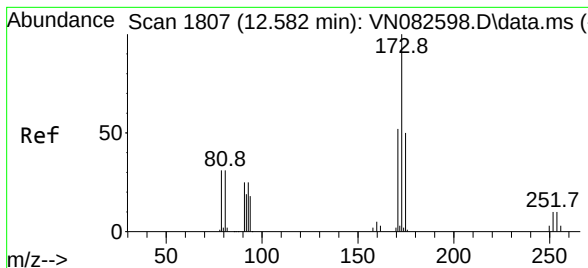
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#70
Styrene
Concen: 49.253 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:104 Resp: 222628
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 55.6 44.0 66.0





#71

Bromoform

Concen: 46.466 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

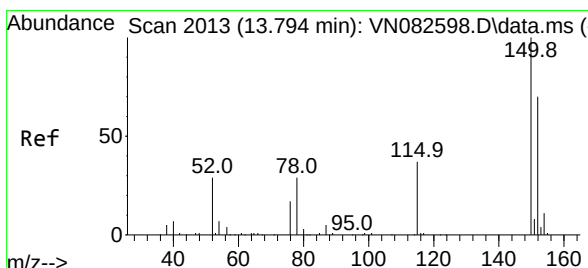
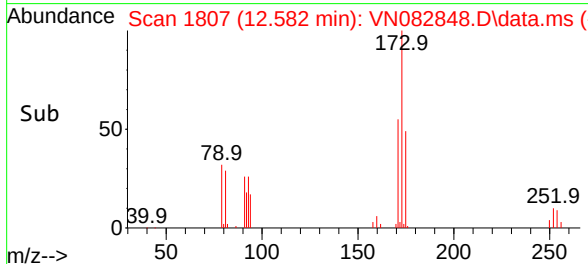
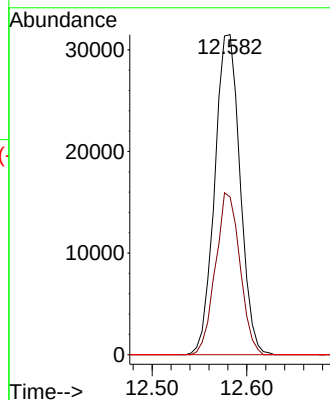
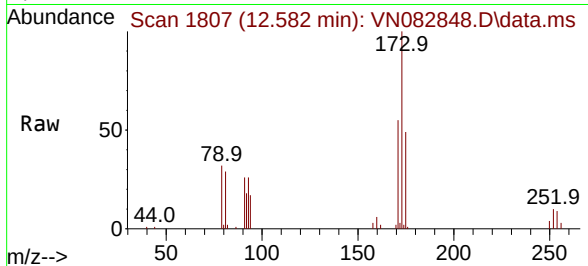
Tgt Ion:173 Resp: 58485
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

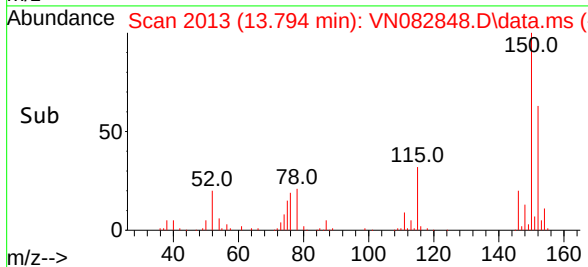
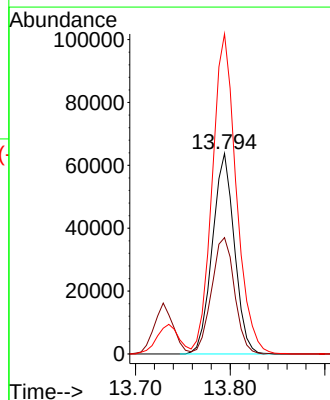
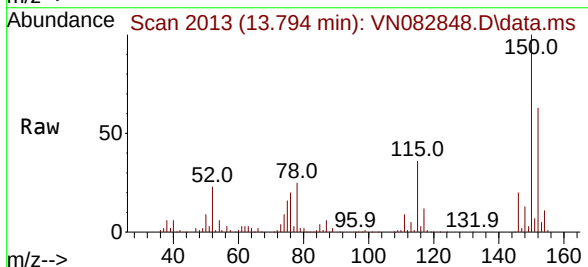
RT: 13.794 min Scan# 2013

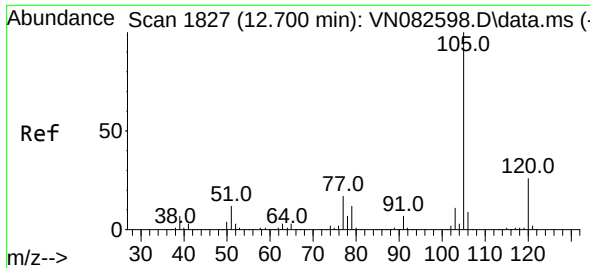
Delta R.T. -0.000 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Tgt Ion:152 Resp: 102829
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.6 91.6
 150 173.9 0.0 348.6





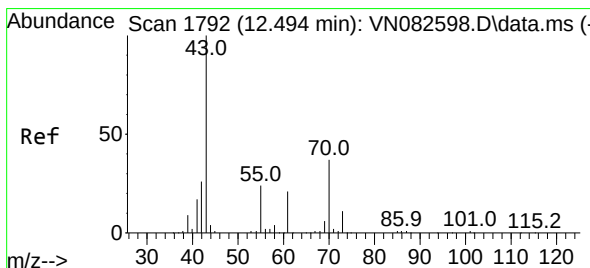
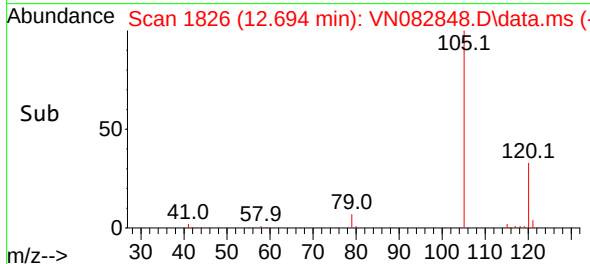
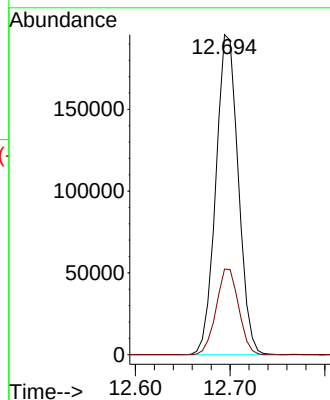
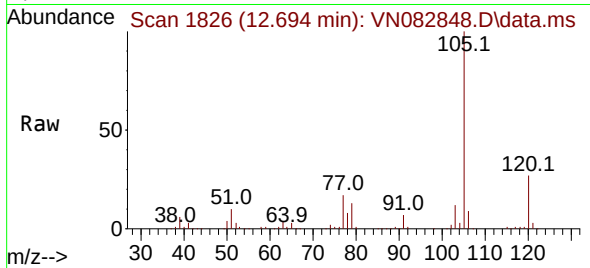
#73
Isopropylbenzene
Concen: 43.128 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 32225
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

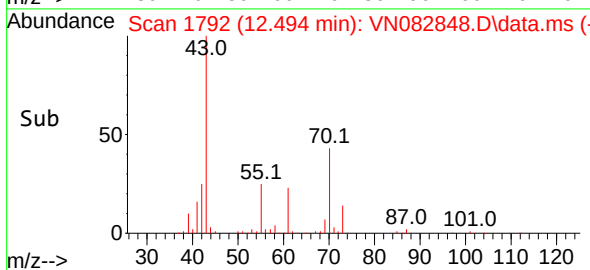
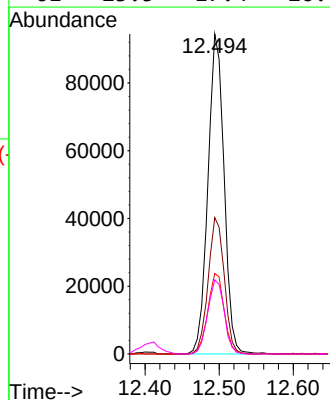
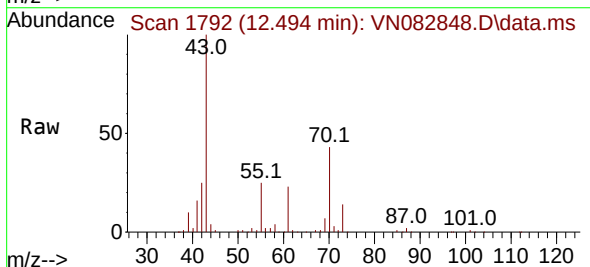
Manual Integrations
APPROVED

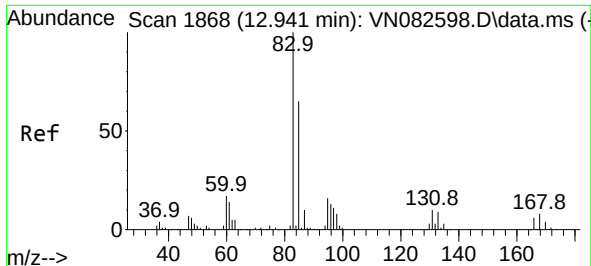
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#74
N-ethyl acetate
Concen: 46.219 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

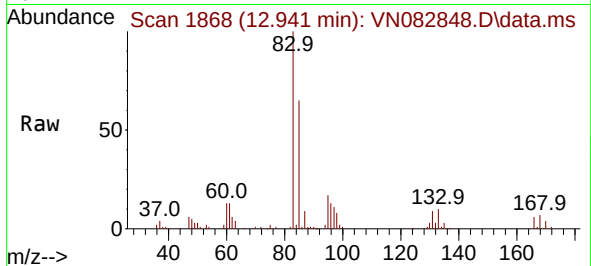
Tgt Ion: 43 Resp: 142849
Ion Ratio Lower Upper
43 100
70 42.6 29.8 44.6
55 25.4 18.7 28.1
61 23.5 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 43.464 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

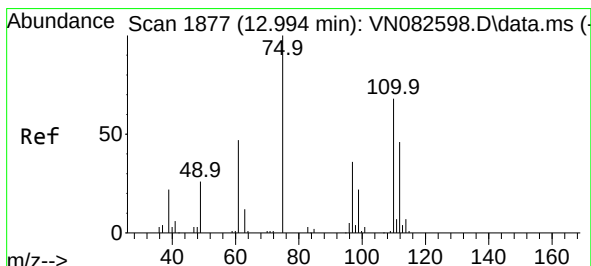
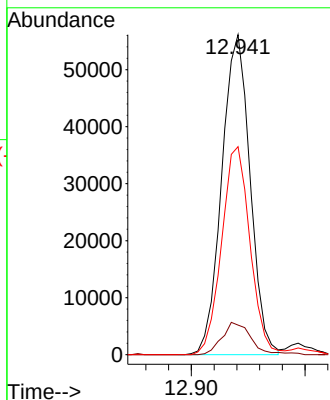
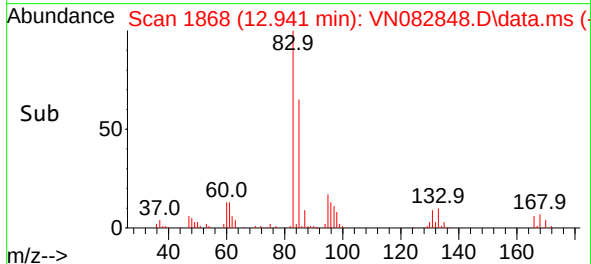
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9726
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 65.2 31.9 95.7

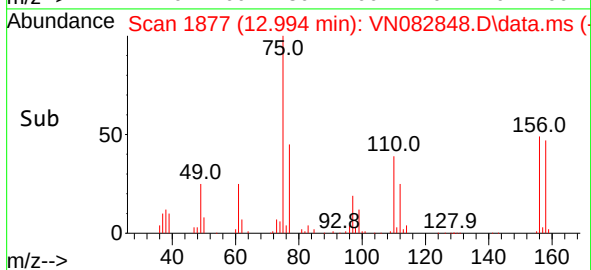
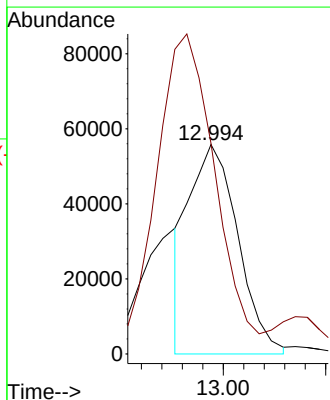
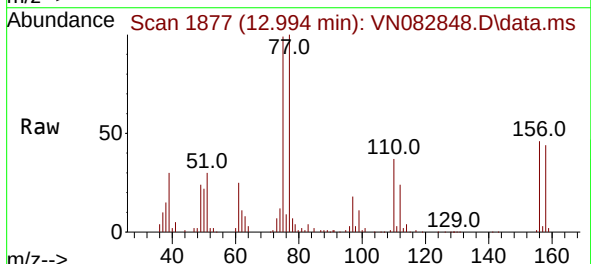
Manual Integrations
APPROVED

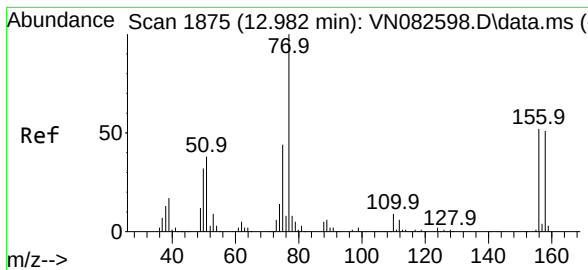
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#76
1,2,3-Trichloropropane
Concen: 52.145 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 75 Resp: 92444
Ion Ratio Lower Upper
75 100
77 185.2 110.9 332.6





#77
Bromobenzene
Concen: 41.997 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

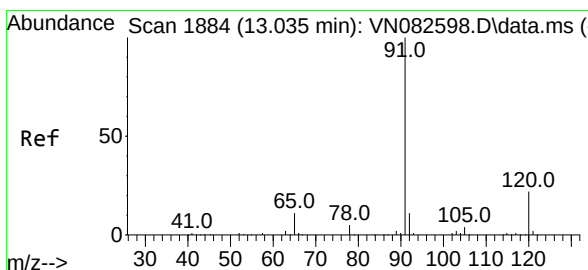
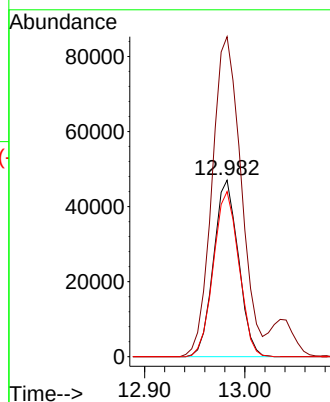
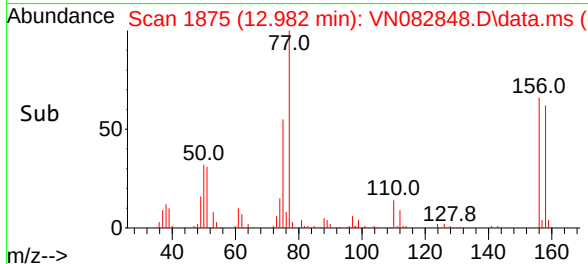
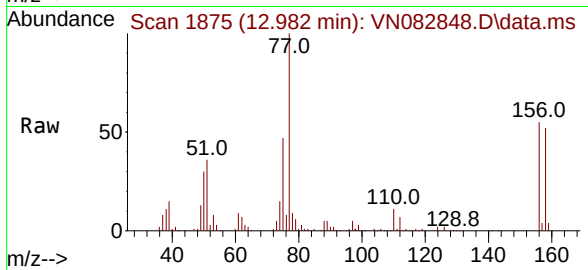
Tgt Ion:156 Resp: 8095
Ion Ratio Lower Upper
156 100
77 211.5 111.3 333.8
158 95.8 48.3 144.9

Manual Integrations

APPROVED

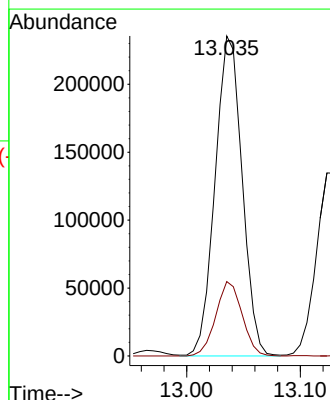
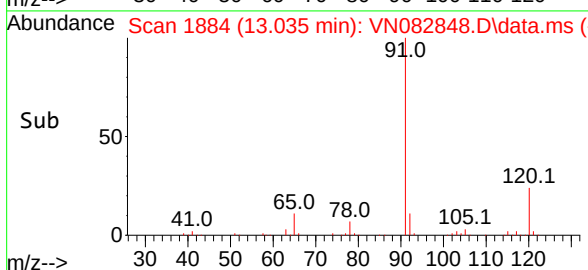
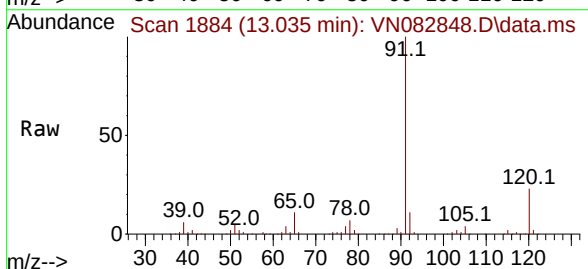
Reviewed By :John Carlone 07/11/2024

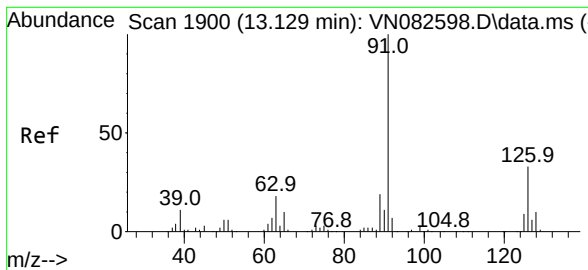
Supervised By :Mahesh Dadoda 07/11/2024



#78
n-propylbenzene
Concen: 45.416 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 91 Resp: 390173
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





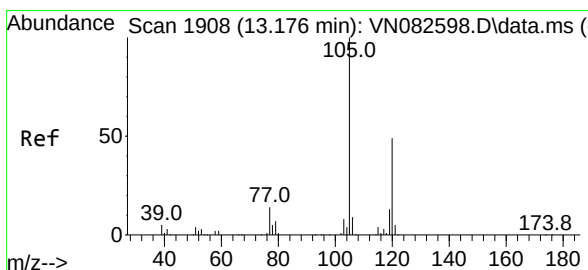
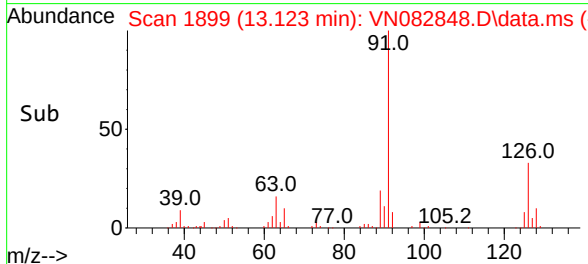
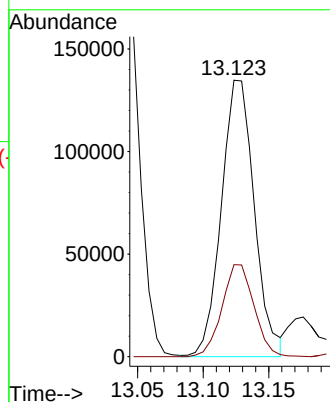
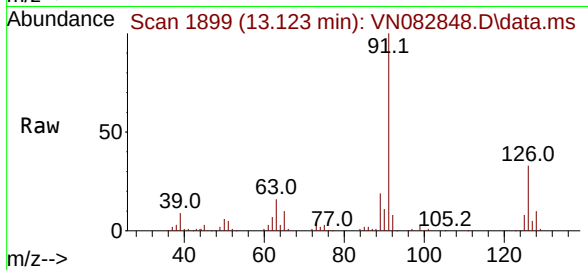
#79
2-Chlorotoluene
Concen: 43.120 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23603
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

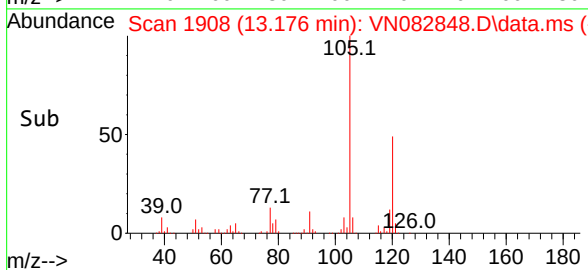
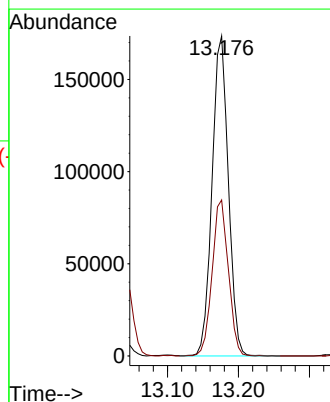
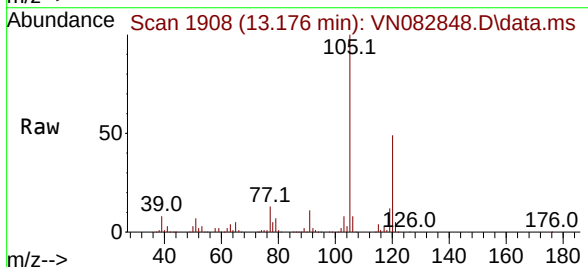
Manual Integrations
APPROVED

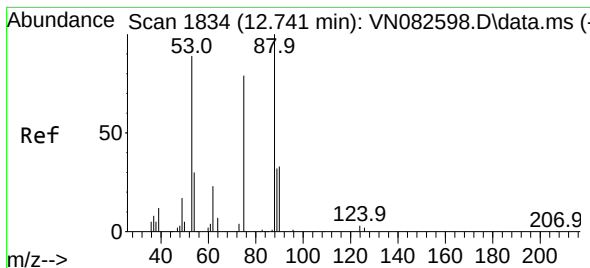
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 45.692 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

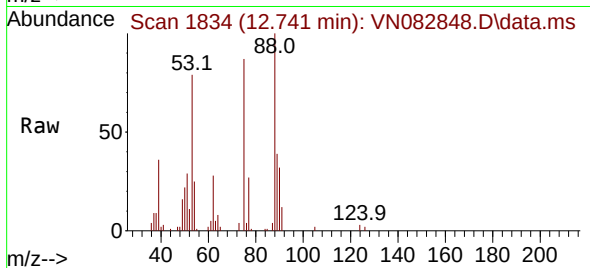
Tgt Ion:105 Resp: 275971
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.437 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

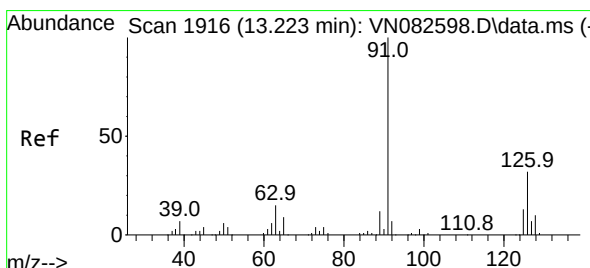
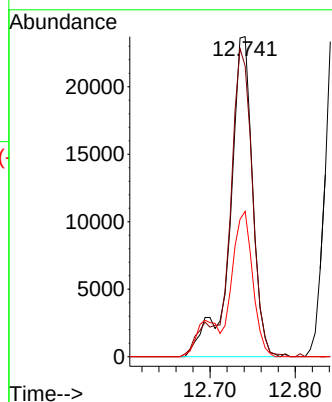
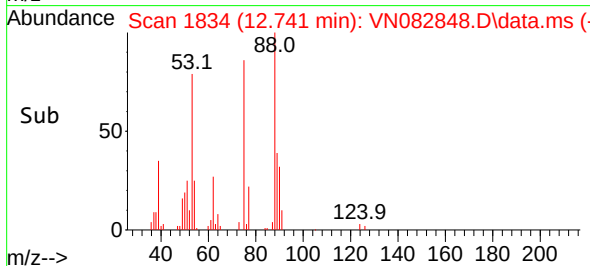
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 43662
Ion Ratio Lower Upper
75 100
53 91.6 88.4 132.6
89 41.2 36.3 54.5

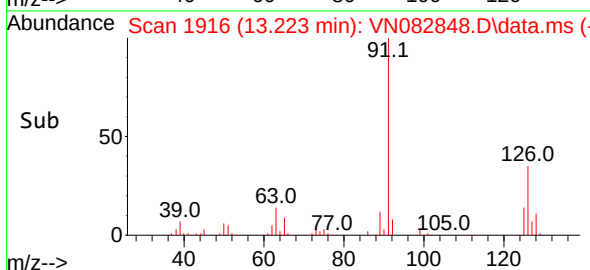
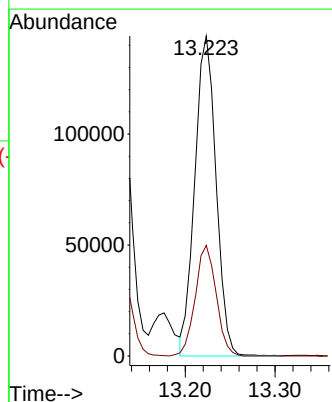
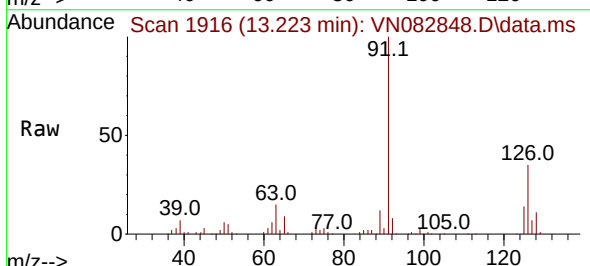
Manual Integrations
APPROVED

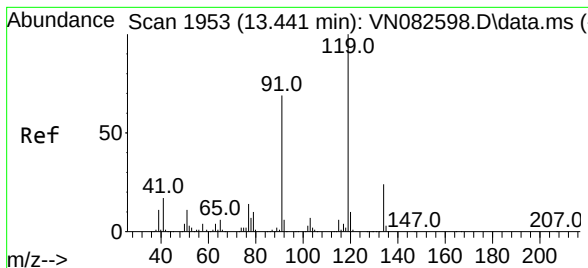
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#82
4-Chlorotoluene
Concen: 43.776 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion: 91 Resp: 237180
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 43.076 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

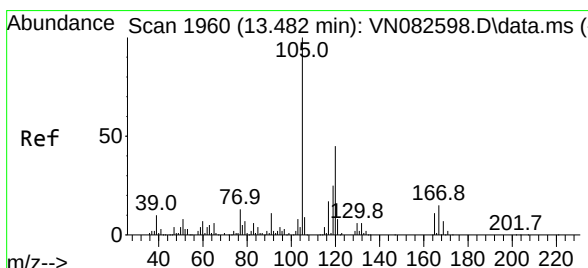
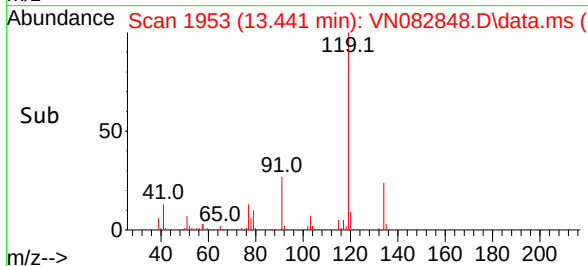
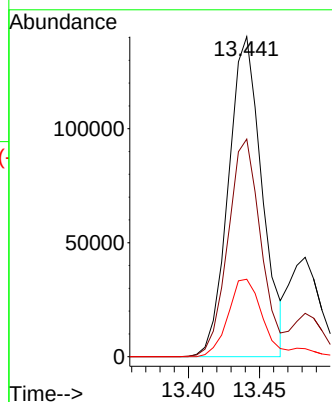
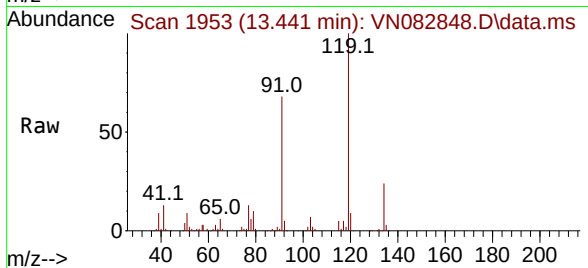
Tgt Ion:119 Resp: 23065
Ion Ratio Lower Upper
119 100
91 68.3 35.0 105.1
134 24.5 13.3 39.8

Manual Integrations

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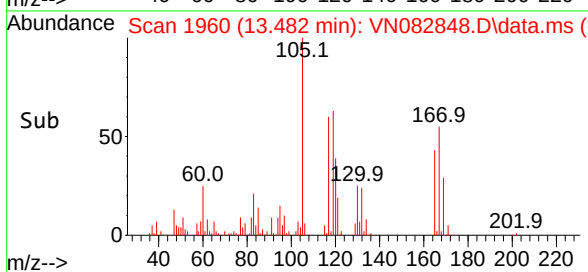
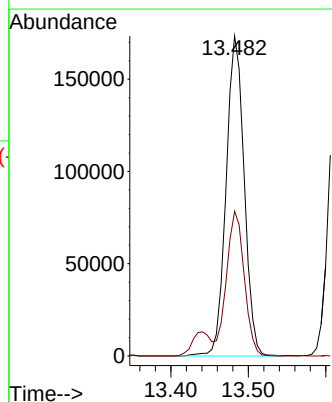
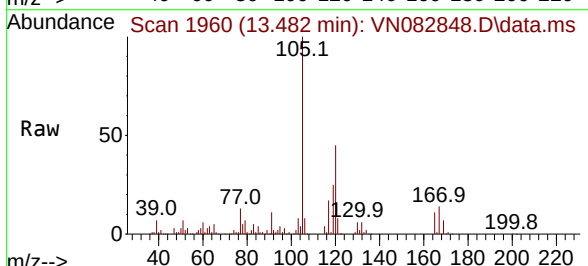
Reviewed By :John Carlone 07/11/2024

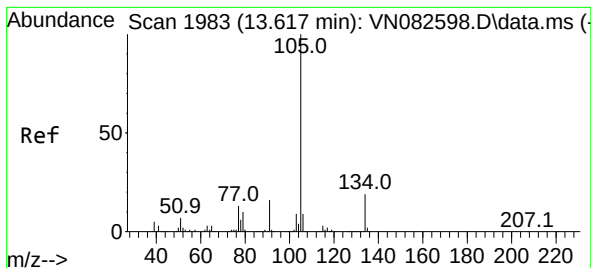
Supervised By :Mahesh Dadoda 07/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 45.685 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

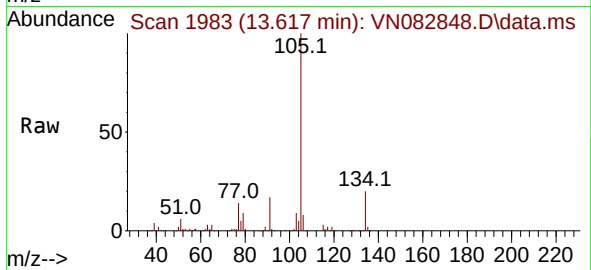
Tgt Ion:105 Resp: 281233
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 44.685 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03

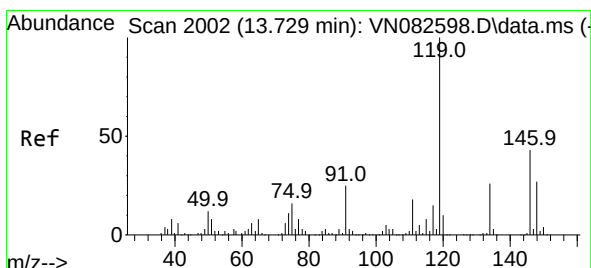
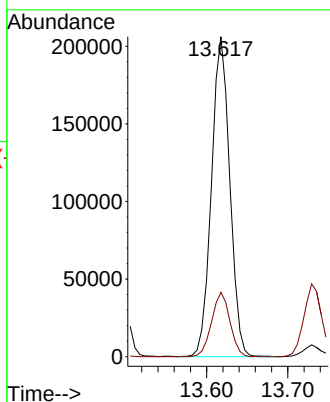
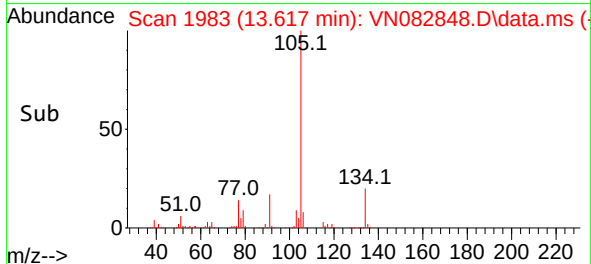
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



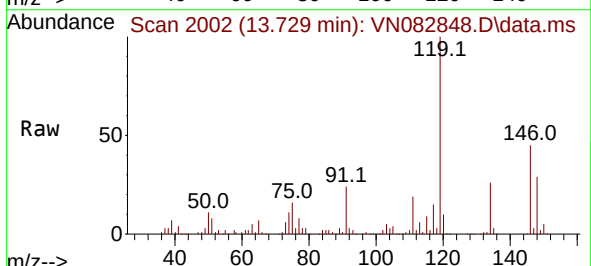
Tgt Ion:105 Resp: 32333
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

Manual Integrations
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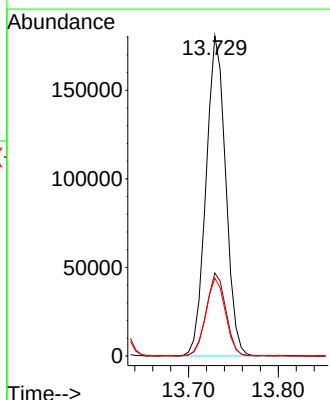
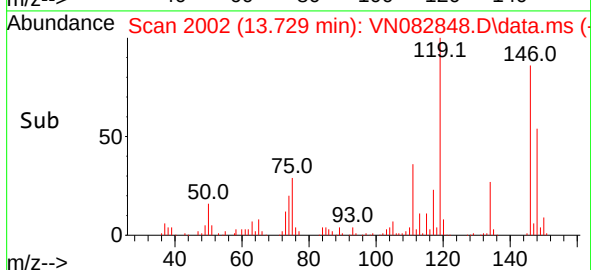
Reviewed By :John Carlone 07/11/2024
 Supervised By :Mahesh Dadoda 07/11/2024

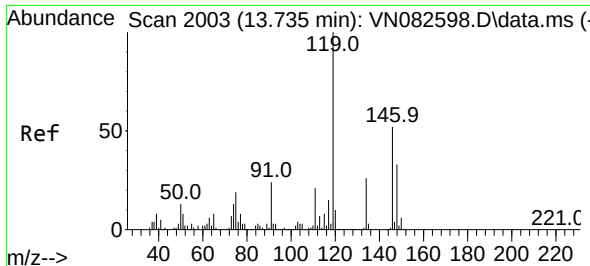


#86
 p-Isopropyltoluene
 Concen: 45.547 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03



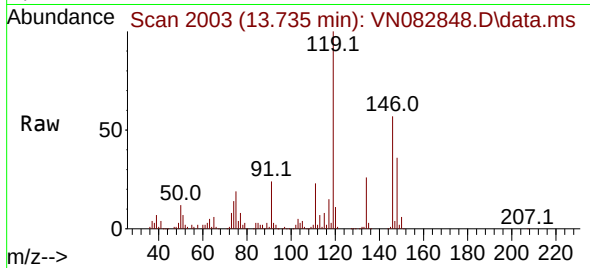
Tgt Ion:119 Resp: 274968
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.4 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 44.067 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03

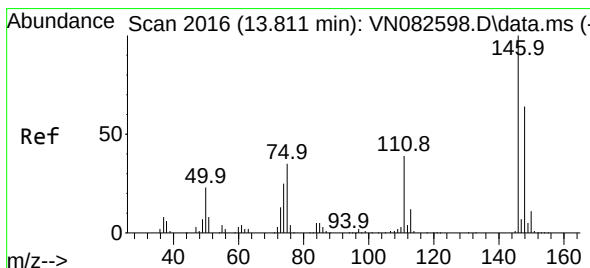
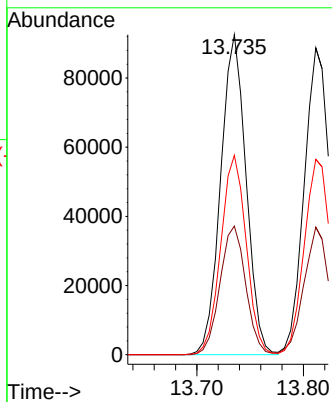
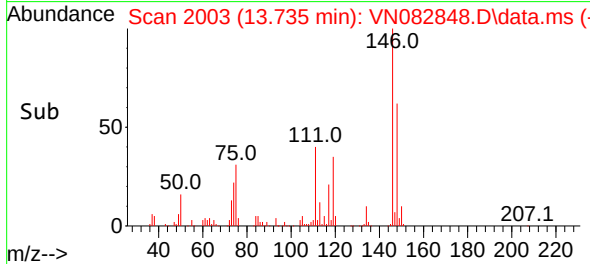
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



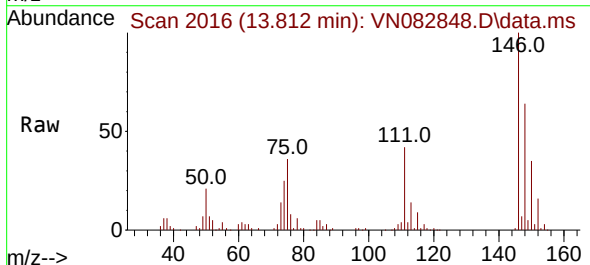
Tgt Ion:146 Resp: 15345
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.9
 148 62.4 31.8 95.3

Manual Integrations
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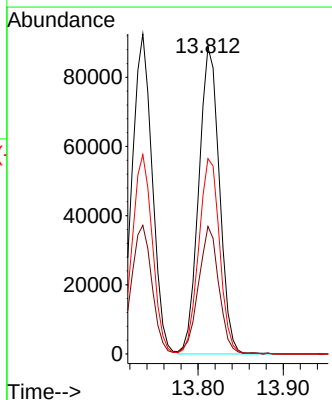
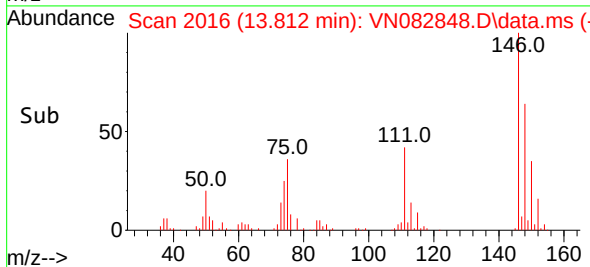
Reviewed By :John Carlone 07/11/2024
 Supervised By :Mahesh Dadoda 07/11/2024

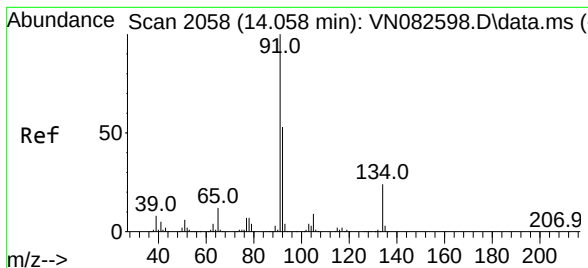


#88
 1,4-Dichlorobenzene
 Concen: 41.599 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082848.D
 Acq: 10 Jul 2024 12:03



Tgt Ion:146 Resp: 149811
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.1 60.3
 148 64.4 32.2 96.6





#89

n-Butylbenzene

Concen: 44.988 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082848.D

Acq: 10 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 232680

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.3

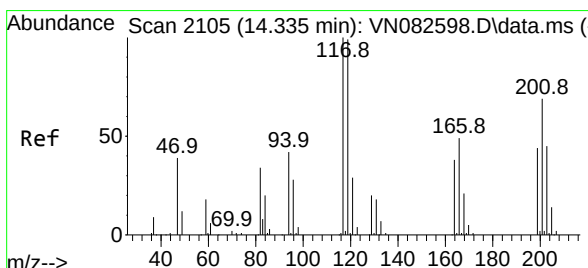
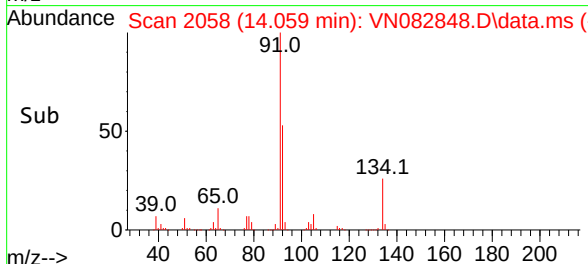
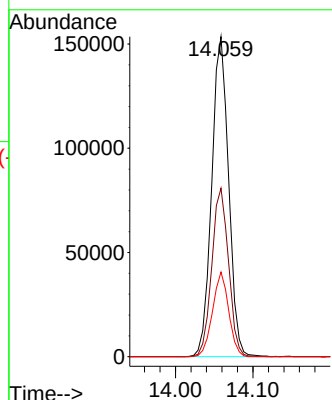
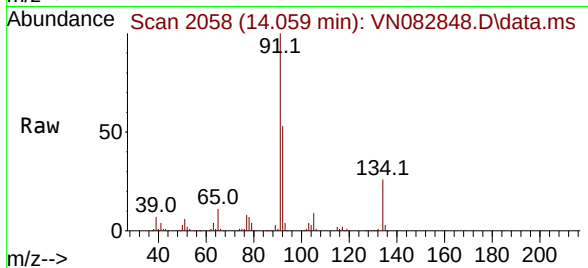
134 25.2 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#90

Hexachloroethane

Concen: 42.599 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082848.D

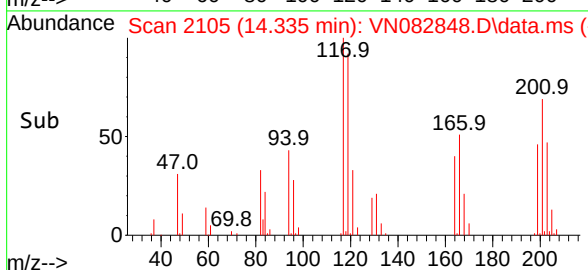
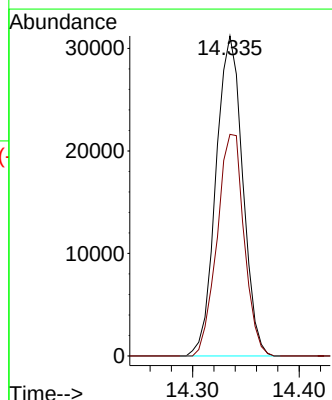
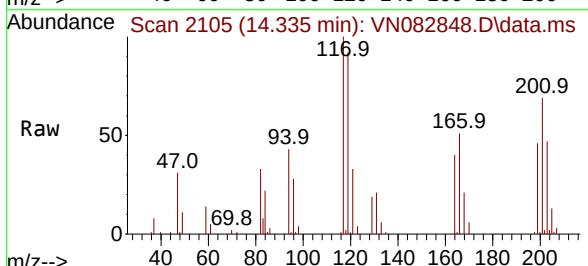
Acq: 10 Jul 2024 12:03

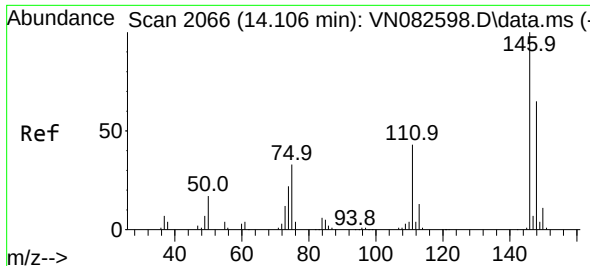
Tgt Ion:117 Resp: 54416

Ion Ratio Lower Upper

117 100

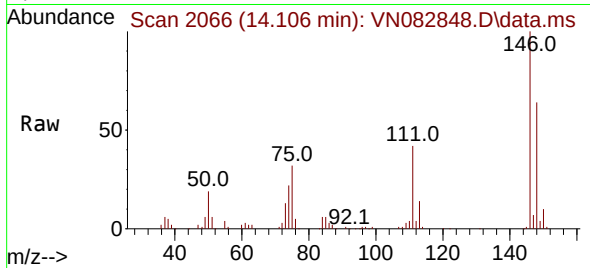
201 70.0 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 42.783 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

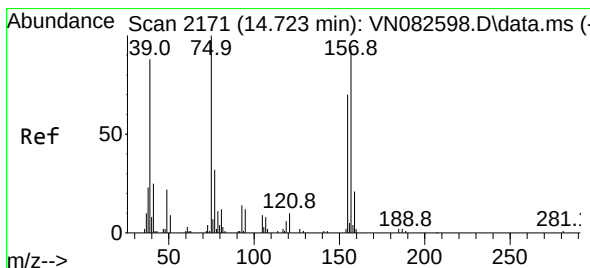
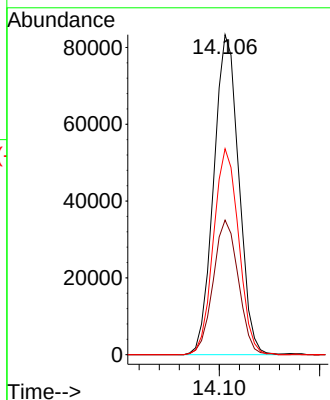
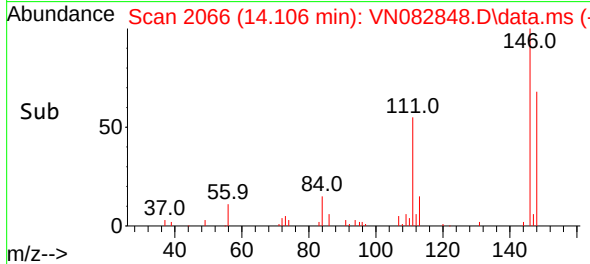
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



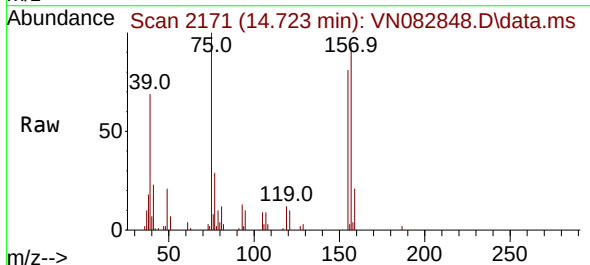
Tgt Ion:146 Resp: 144652
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.6 32.1 96.5

Manual Integrations
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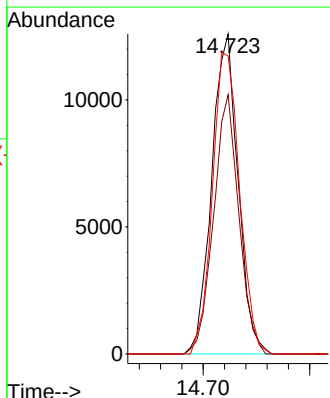
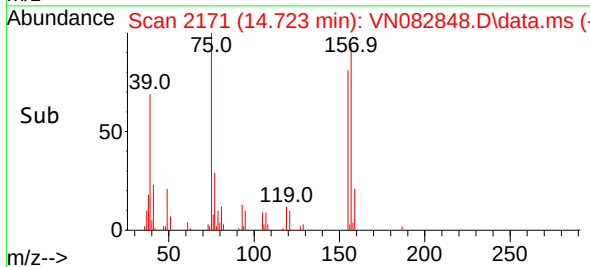
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

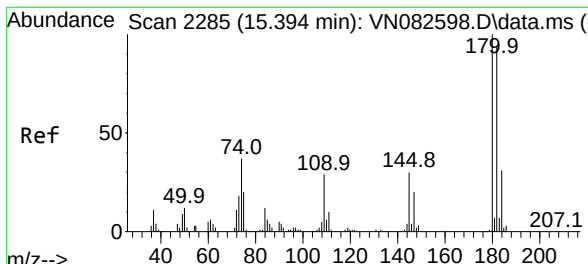


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.620 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



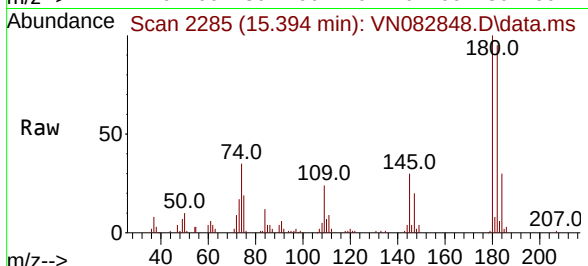
Tgt Ion: 75 Resp: 21547
Ion Ratio Lower Upper
75 100
155 77.9 36.6 109.8
157 97.4 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 42.783 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

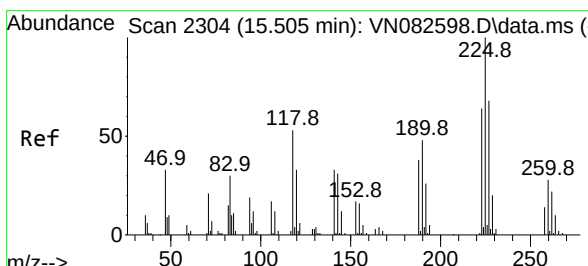
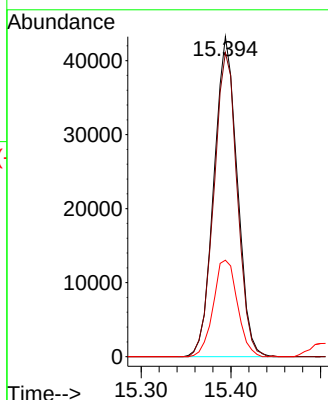
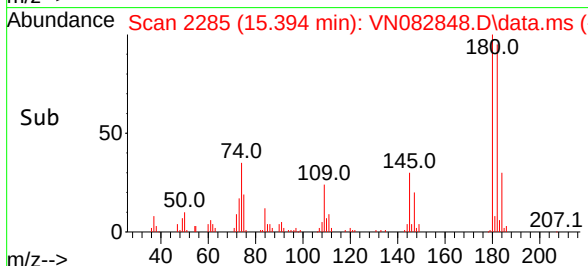
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



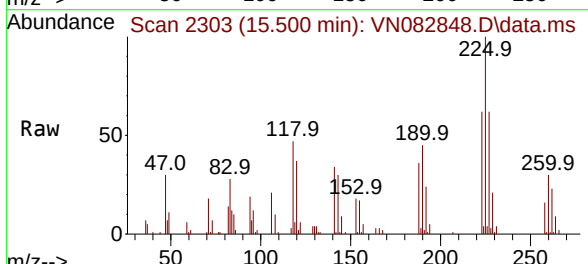
Tgt Ion:180 Resp: 7791
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 31.2 15.7 47.1

Manual Integrations
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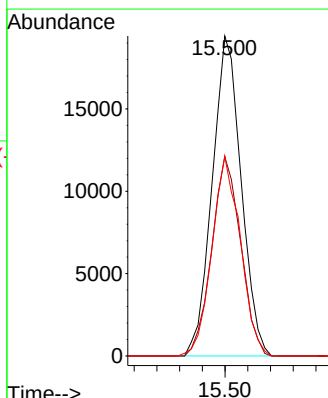
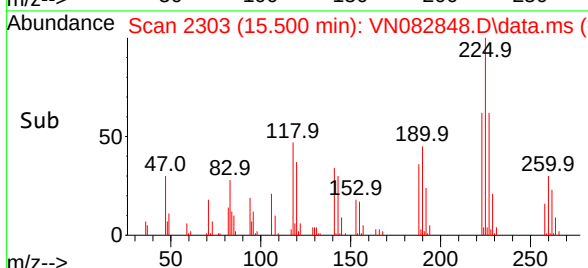
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

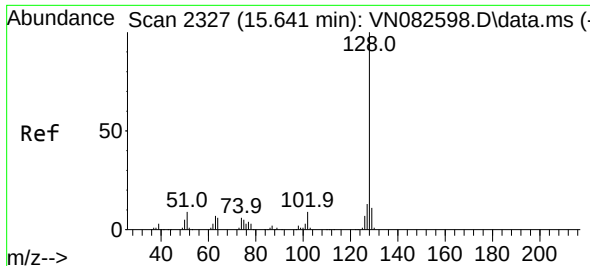


#94
Hexachlorobutadiene
Concen: 42.556 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.005 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03



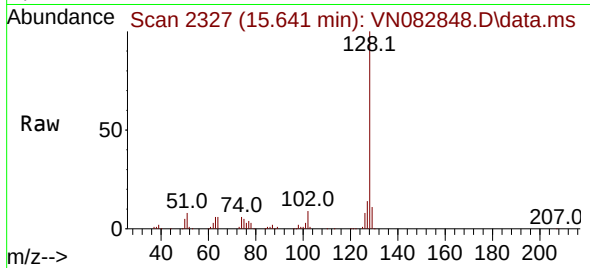
Tgt Ion:225 Resp: 34358
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 61.5 32.5 97.5





#95
Naphthalene
Concen: 40.666 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

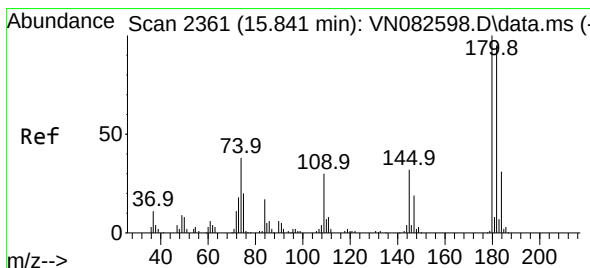
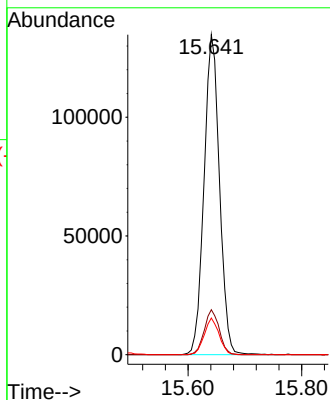
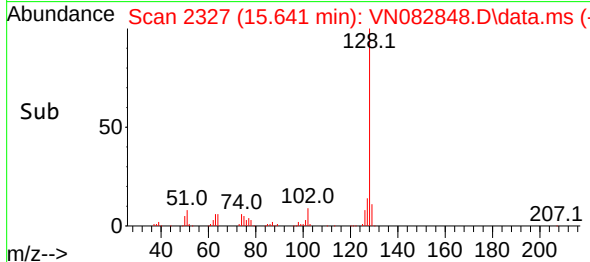
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 253660
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 42.254 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082848.D
Acq: 10 Jul 2024 12:03

Tgt Ion:180 Resp: 79122
Ion Ratio Lower Upper
180 100
182 96.3 48.9 146.8
145 34.4 16.8 50.4

