

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072723\
 Data File : VN078658.D
 Acq On : 27 Jul 2023 13:20
 Operator : JC\MD
 Sample : 03769-07
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 27 16:01:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	414725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	725156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	695220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	329392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	265056	47.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.340%
35) Dibromofluoromethane	8.171	113	261336	53.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.180%
50) Toluene-d8	10.571	98	857767	46.126	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.853	95	339232	59.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.440%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1927	0.349	ug/l #	34
5) Bromomethane	3.000	94	1003	Below Cal	#	4
6) Chloroethane	3.147	64	1097	Below Cal	#	48
10) Methyl Iodide	4.553	142	3814	0.614	ug/l #	90
11) Tert butyl alcohol	5.500	59	24607	28.701	ug/l #	74
13) Acrolein	4.200	56	403	0.478	ug/l #	16
15) Acrylonitrile	5.741	53	1576	0.728	ug/l #	64
16) Acetone	4.465	43	1044	0.603	ug/l #	40
17) Carbon Disulfide	4.665	76	4835	0.382	ug/l #	82
18) Methyl Acetate	5.053	43	4990	0.681	ug/l #	86
20) Methylene Chloride	5.306	84	436	Below Cal	#	36
23) Vinyl Acetate	6.618	43	2306	0.271	ug/l #	62
25) 2-Butanone	7.488	43	568	0.208	ug/l #	70
29) Tetrahydrofuran	7.859	42	1279	0.715	ug/l #	58
31) Cyclohexane	8.229	56	8931	1.189	ug/l #	34
36) 1,1-Dichloropropene	8.229	75	31654	4.453	ug/l #	48
38) Carbon Tetrachloride	8.229	117	43822	5.673	ug/l #	18
39) Methylcyclohexane	9.594	83	1568	0.242	ug/l #	69
43) Isopropyl Acetate	8.688	43	3714	0.381	ug/l #	49
49) 1,4-Dioxane	9.712	88	123	1.248	ug/l #	59
51) 4-Methyl-2-Pentanone	10.453	43	3576	0.616	ug/l #	31
58) 2-Chloroethyl Vinyl ether	10.176	63	4992	1.949	ug/l #	80
59) 2-Hexanone	11.206	43	6093	1.478	ug/l #	74
65) Chlorobenzene	11.894	112	3333	0.214	ug/l #	77
68) m/p-Xylenes	12.070	106	2594	0.267	ug/l #	99
74) N-amyl acetate	12.512	43	2855	0.268	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.935	83	1815	Below Cal		97
76) 1,2,3-Trichloropropane	12.853	75	184023	23.113	ug/l #	1
77) Bromobenzene	12.988	156	1656	Below Cal		93
81) trans-1,4-Dichloro-2-b...	12.853	75	184023	60.737	ug/l #	15
82) 4-Chlorotoluene	13.229	91	4900	0.242	ug/l #	96
84) 1,2,4-Trimethylbenzene	13.482	105	5761	0.243	ug/l #	87
87) 1,3-Dichlorobenzene	13.741	146	3841	0.323	ug/l #	88
88) 1,4-Dichlorobenzene	13.741	146	3841	0.321	ug/l #	86
89) n-Butylbenzene	14.059	91	7962	0.528	ug/l #	92
90) Hexachloroethane	14.341	117	824	Below Cal		96

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

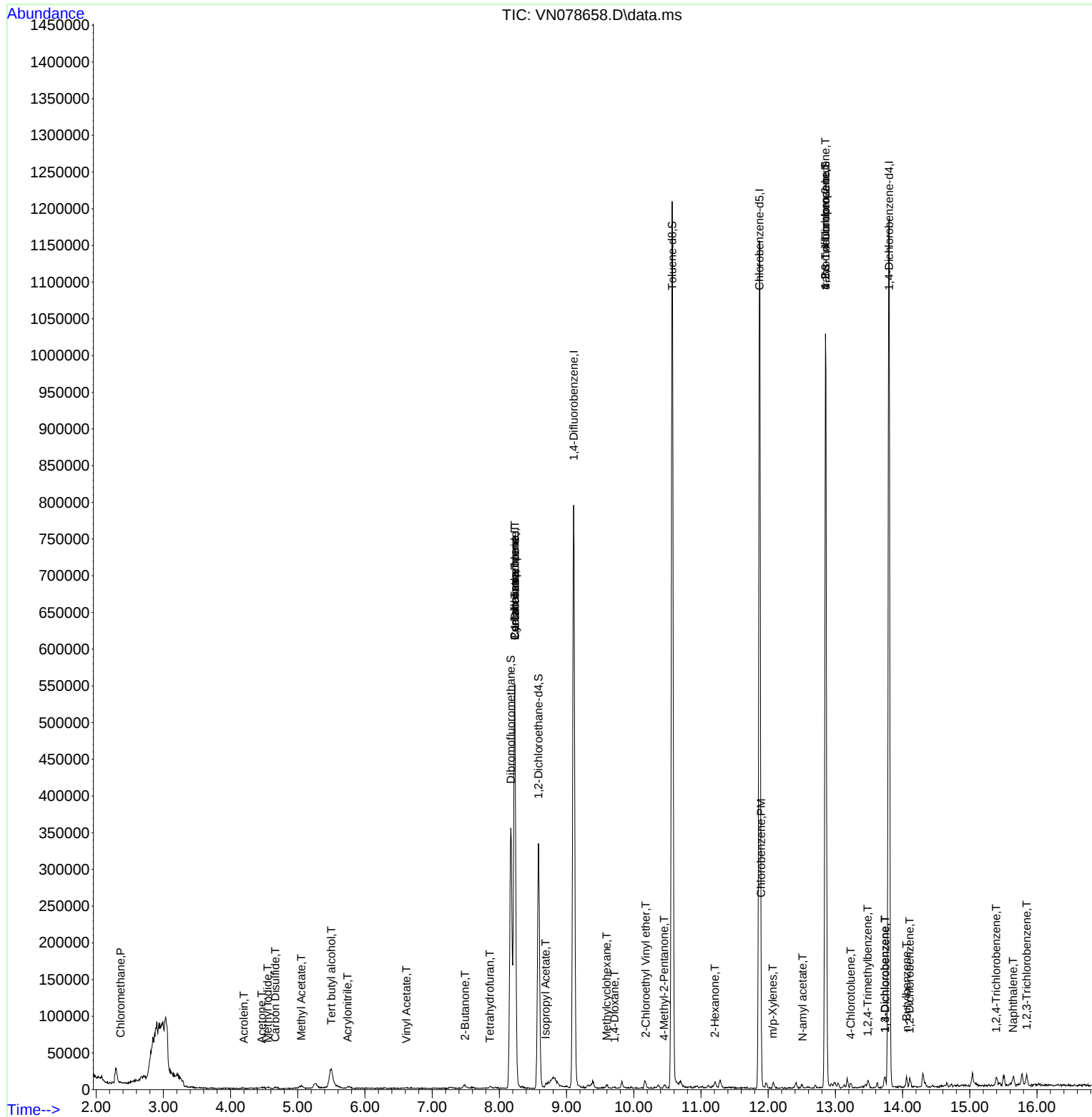
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.106	146	4189	0.354	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.717	75	664	Below Cal		87
93) 1,2,4-Trichlorobenzene	15.394	180	3723	0.987	ug/l	89
94) Hexachlorobutadiene	15.500	225	2007	Below Cal		95
95) Naphthalene	15.647	128	11817	0.916	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.847	180	5087	1.172	ug/l	80

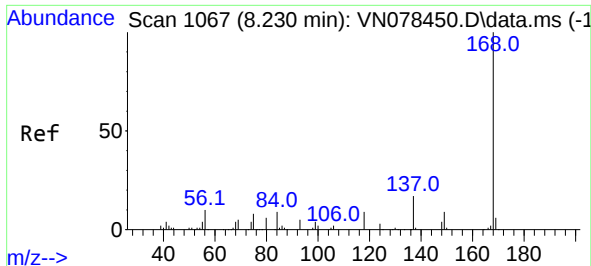
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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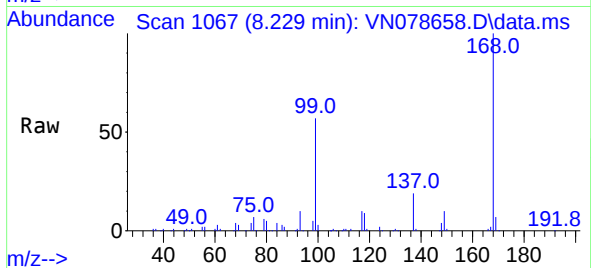
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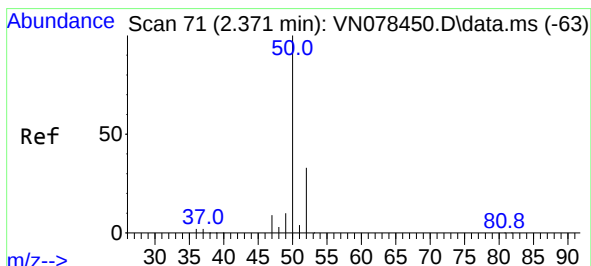
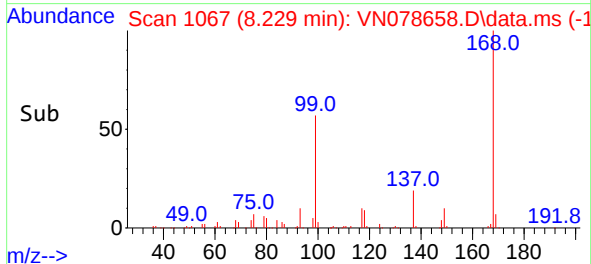
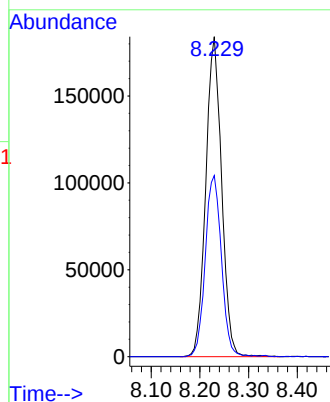


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

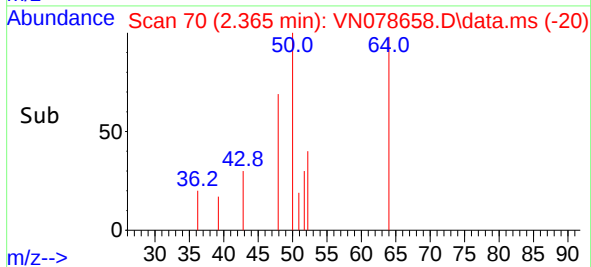
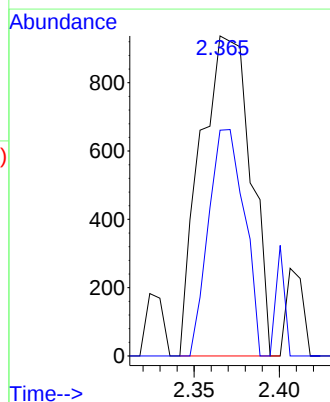
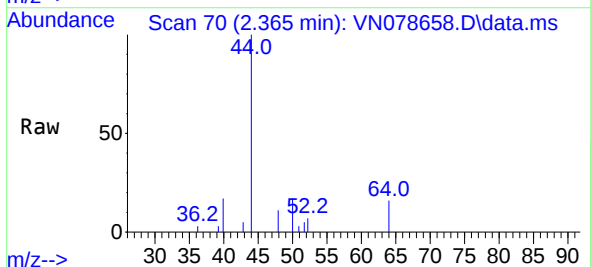


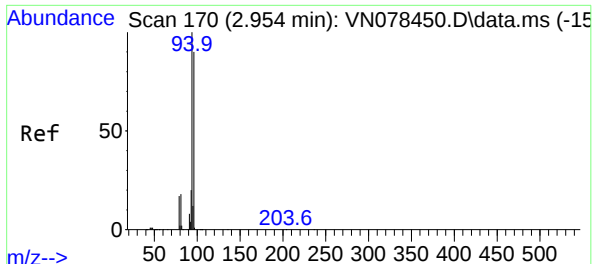
Tgt Ion:168 Resp: 414725
Ion Ratio Lower Upper
168 100
99 56.6 53.0 79.6



#3
Chloromethane
Concen: 0.349 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 50 Resp: 1927
Ion Ratio Lower Upper
50 100
52 70.5 26.5 39.7#

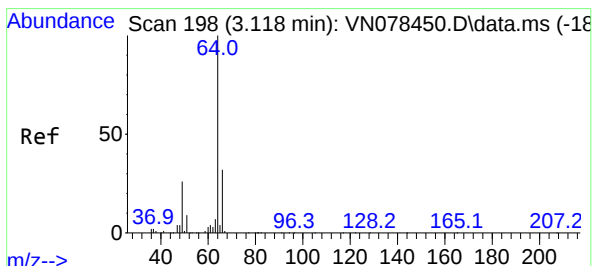
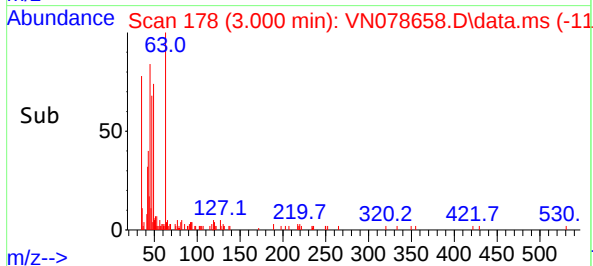
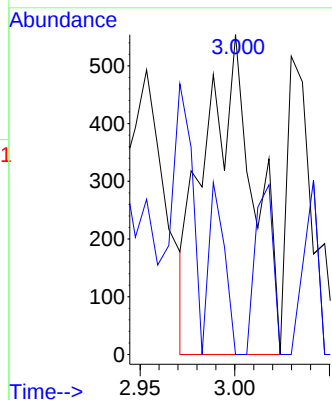
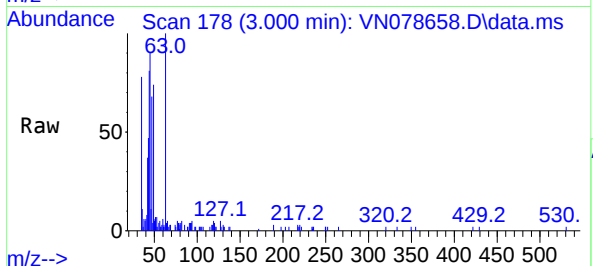




#5
Bromomethane
Concen: Below Cal
RT: 3.000 min Scan# 11
Delta R.T. 0.046 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

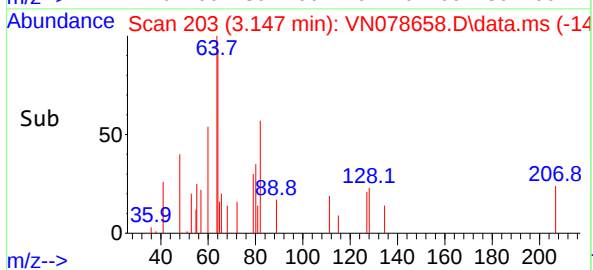
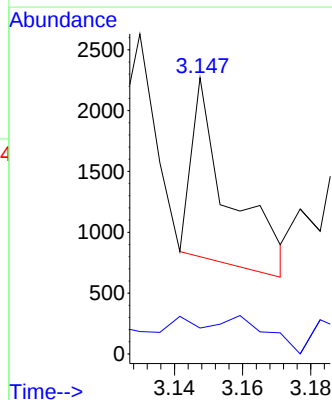
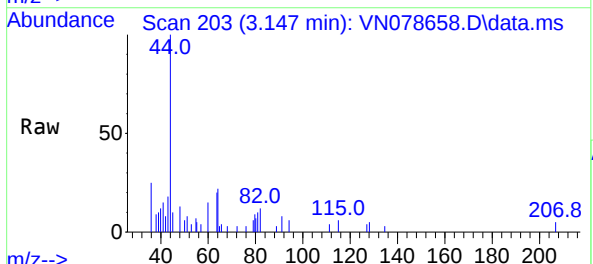
Instrument :
MSVOA_N
ClientSampleId :

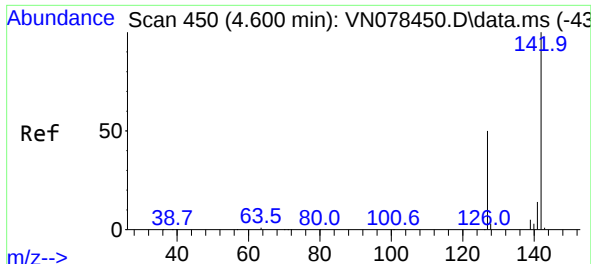
Tgt Ion: 94 Resp: 1003
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.147 min Scan# 203
Delta R.T. 0.029 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

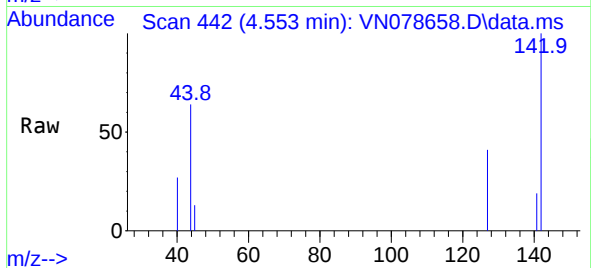
Tgt Ion: 64 Resp: 1097
Ion Ratio Lower Upper
64 100
66 2.7 25.4 38.2#



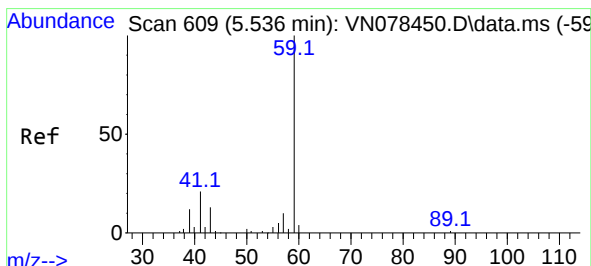
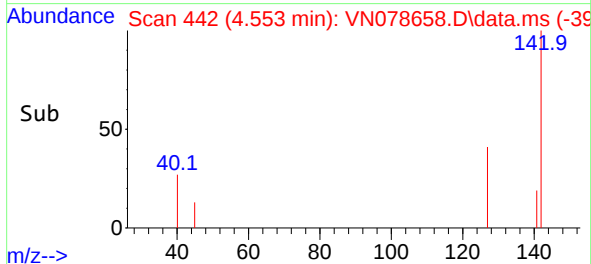
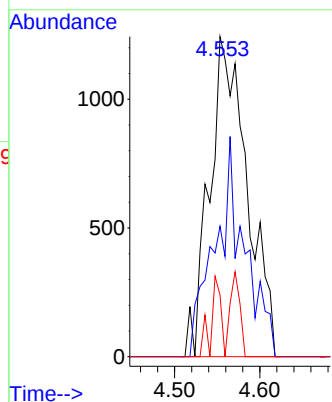


#10
Methyl Iodide
Concen: 0.614 ug/l
RT: 4.553 min Scan# 442
Delta R.T. -0.047 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

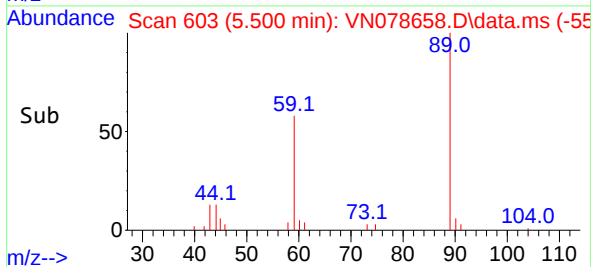
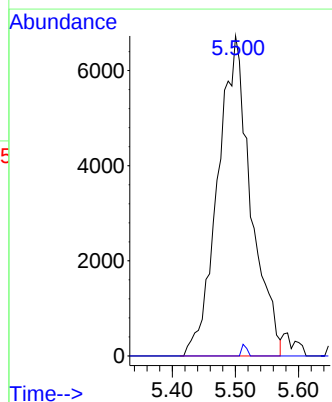
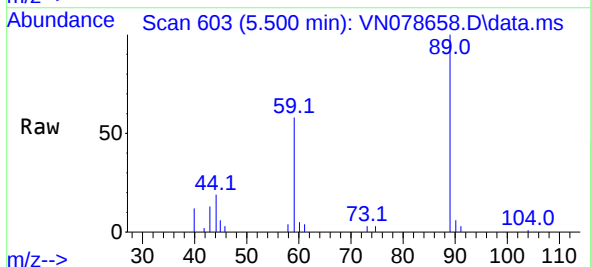


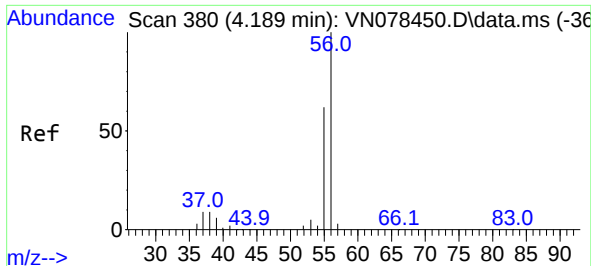
Tgt Ion:142 Resp: 3814
Ion Ratio Lower Upper
142 100
127 40.8 37.6 56.4
141 19.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 28.701 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.036 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 59 Resp: 24607
Ion Ratio Lower Upper
59 100
57 0.6 8.2 12.4#

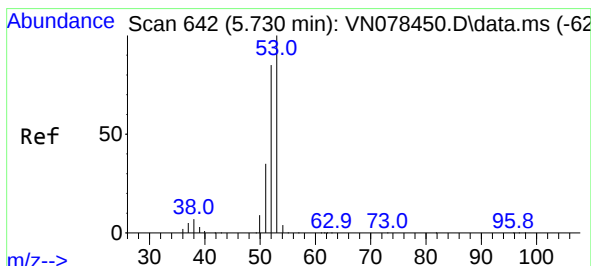
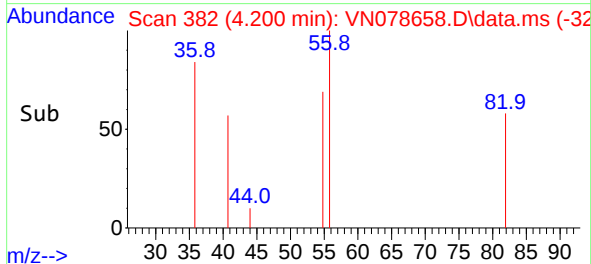
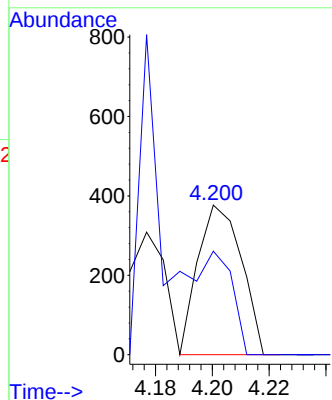
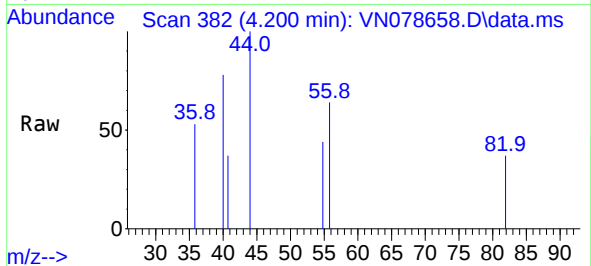




#13
Acrolein
Concen: 0.478 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

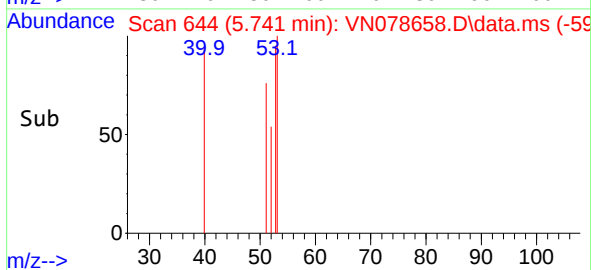
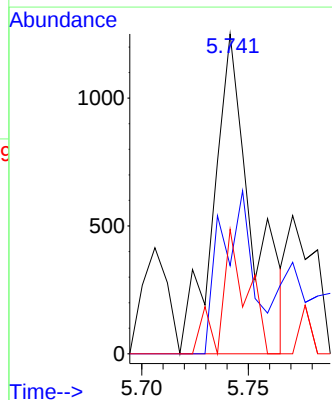
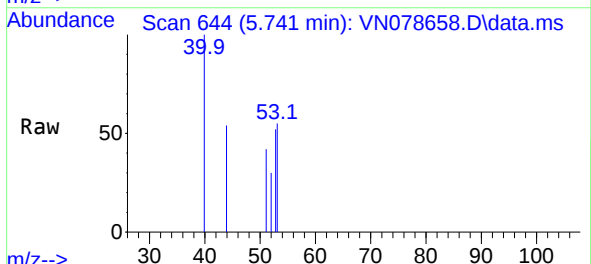
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MSVOA_N
ClientSampleId :

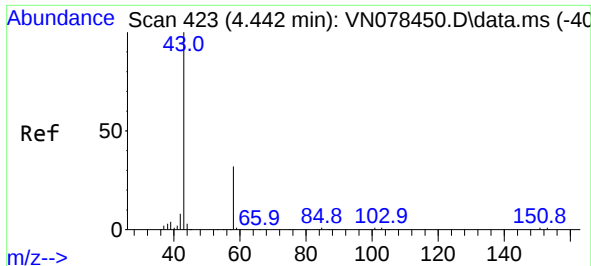
Tgt Ion: 56 Resp: 403
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.728 ug/l
RT: 5.741 min Scan# 644
Delta R.T. 0.011 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 53 Resp: 1576
Ion Ratio Lower Upper
53 100
52 42.5 65.3 97.9#
51 26.1 28.9 43.3#

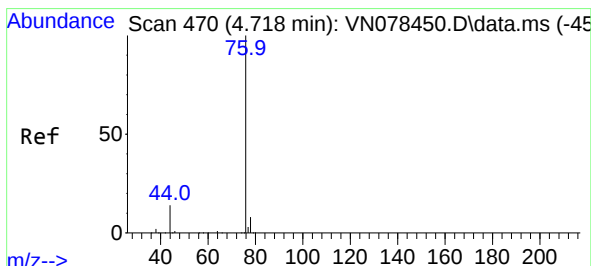
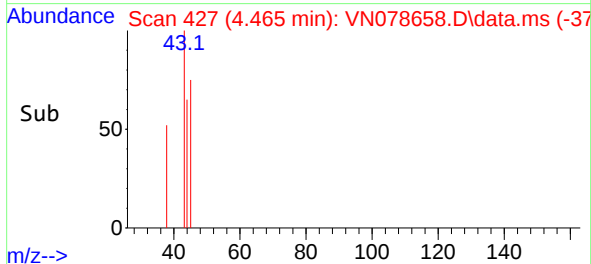
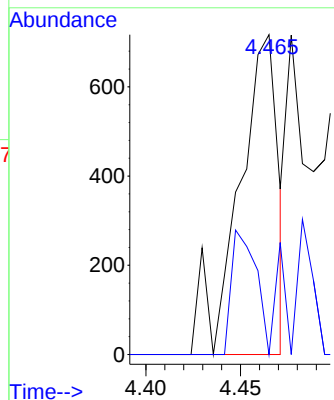
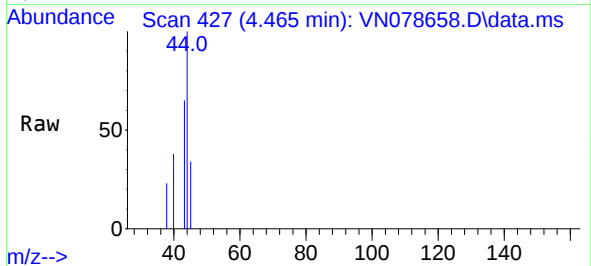




#16
Acetone
Concen: 0.603 ug/l
RT: 4.465 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

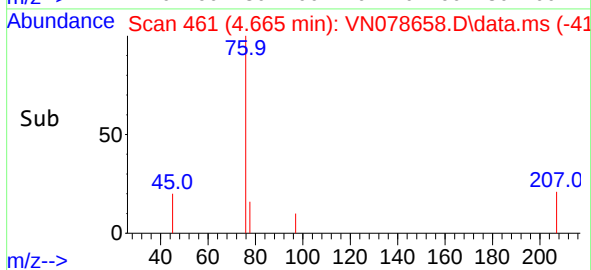
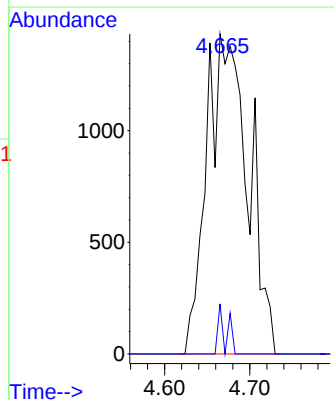
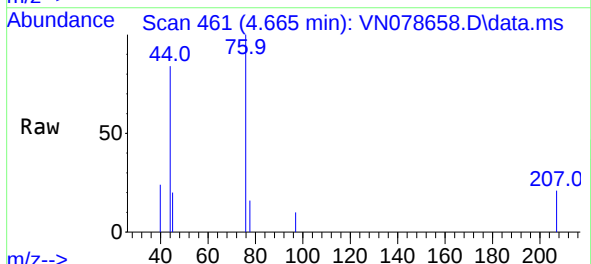
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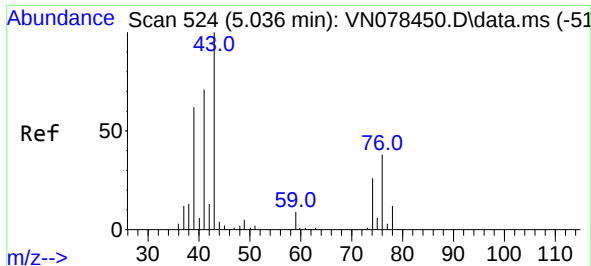
Tgt Ion: 43 Resp: 1044
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#17
Carbon Disulfide
Concen: 0.382 ug/l
RT: 4.665 min Scan# 461
Delta R.T. -0.053 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 76 Resp: 4835
Ion Ratio Lower Upper
76 100
78 15.6 7.4 11.0#

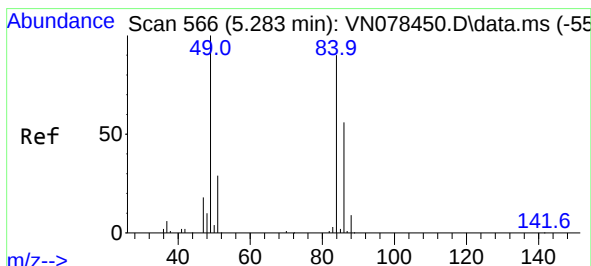
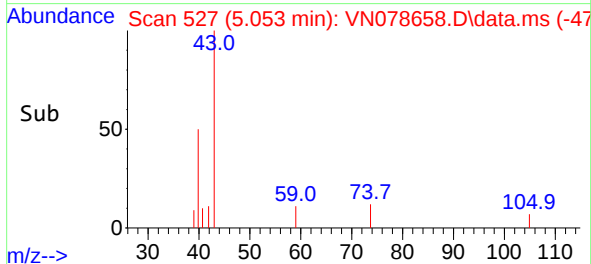
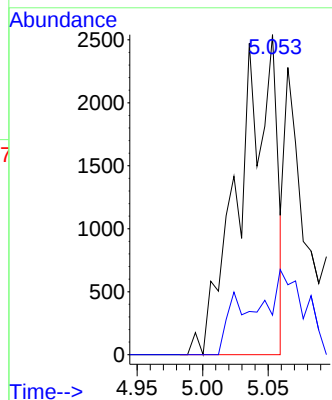
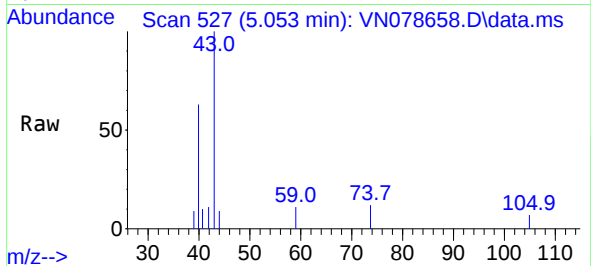




#18
Methyl Acetate
Concen: 0.681 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

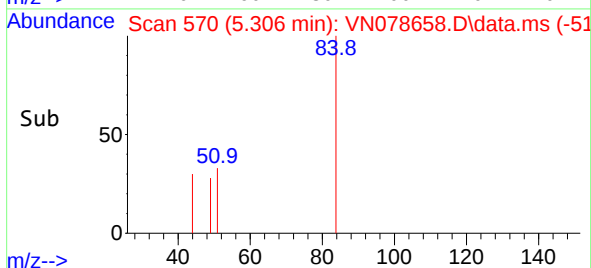
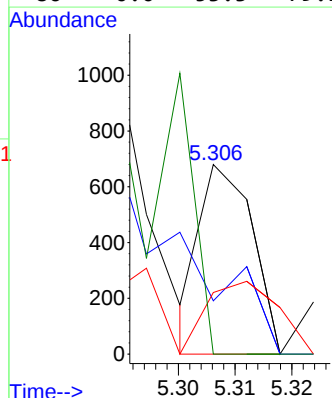
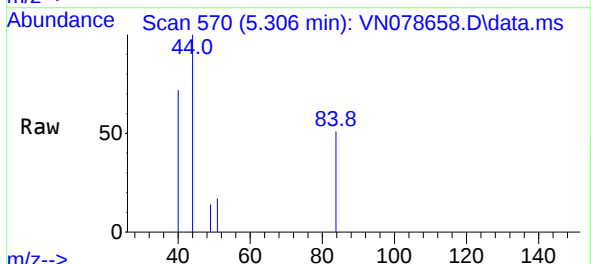
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MSVOA_N
ClientSampleId :

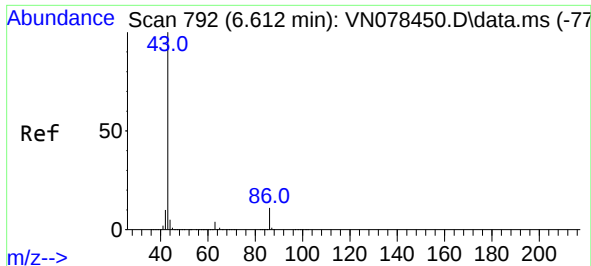
Tgt Ion: 43 Resp: 4990
Ion Ratio Lower Upper
43 100
74 24.8 26.2 39.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 570
Delta R.T. 0.023 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 84 Resp: 436
Ion Ratio Lower Upper
84 100
49 28.1 79.7 119.5#
51 32.5 25.2 37.8
86 0.0 53.3 79.9#

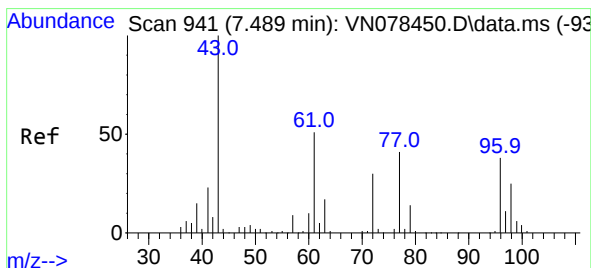
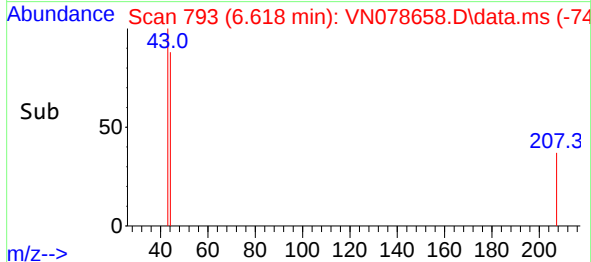
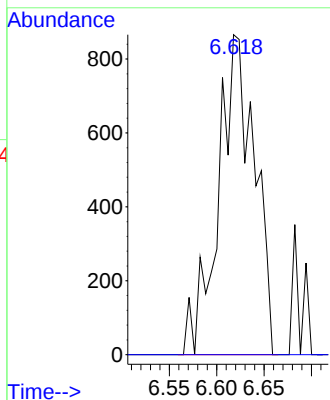
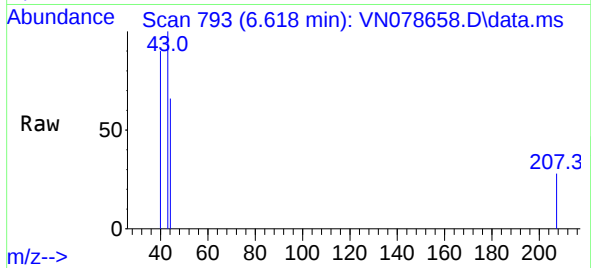




#23
 Vinyl Acetate
 Concen: 0.271 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN078658.D
 Acq: 27 Jul 2023 13:20

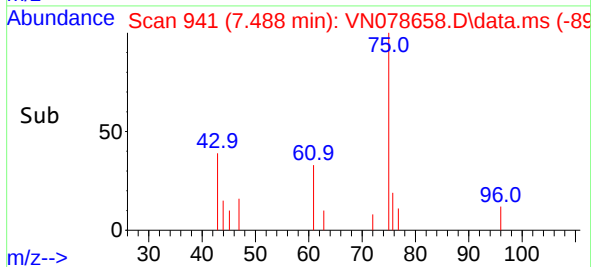
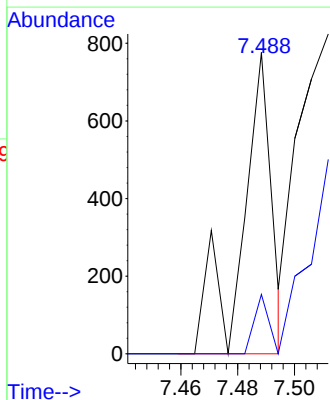
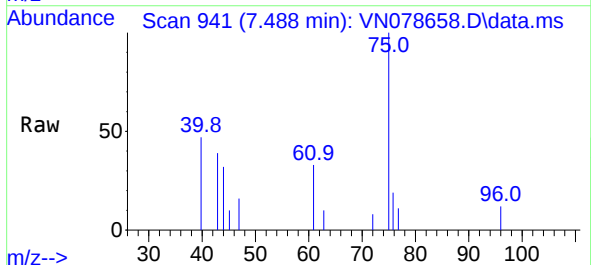
Instrument :
 MSVOA_N
 ClientSampleId :

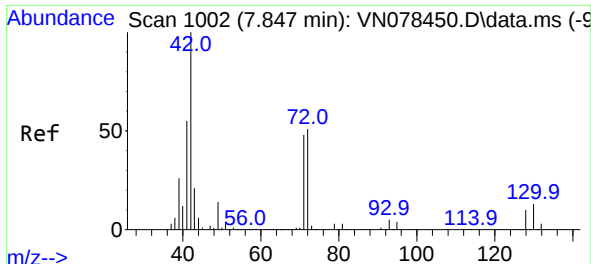
Tgt Ion: 43 Resp: 2306
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 0.208 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.001 min
 Lab File: VN078658.D
 Acq: 27 Jul 2023 13:20

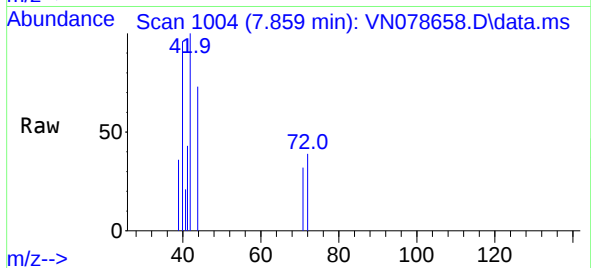
Tgt Ion: 43 Resp: 568
 Ion Ratio Lower Upper
 43 100
 72 19.7 30.2 45.2#



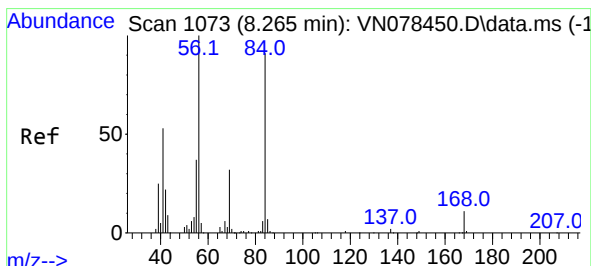
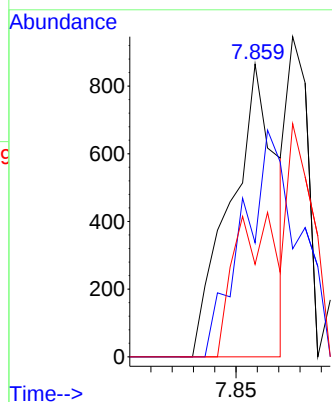
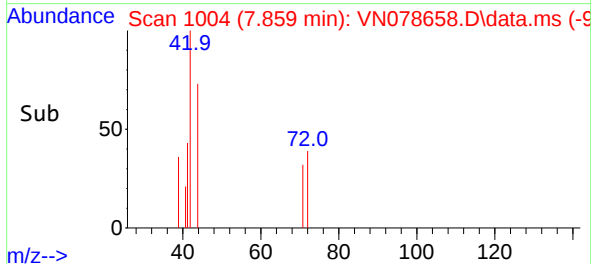


#29
Tetrahydrofuran
Concen: 0.715 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

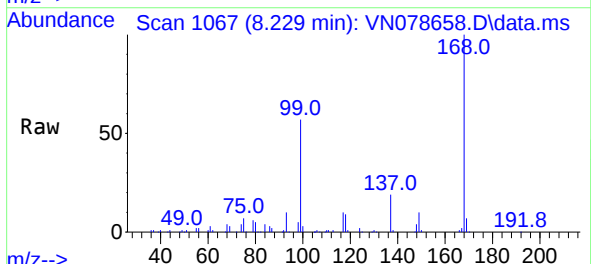
Instrument :
MSVOA_N
ClientSampleId :



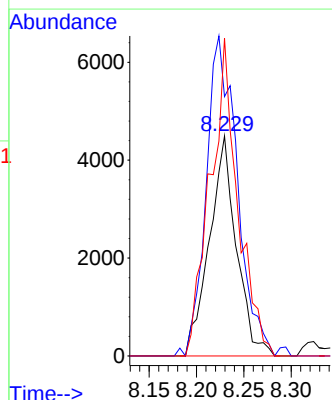
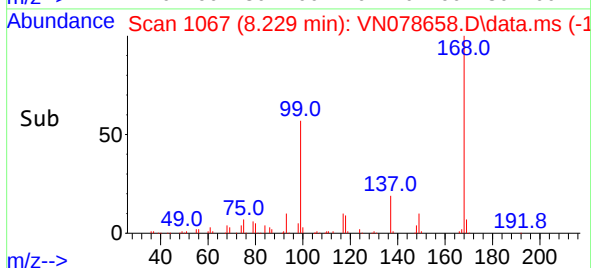
Tgt Ion: 42 Resp: 1279
Ion Ratio Lower Upper
42 100
72 93.4 49.8 74.6#
71 26.3 47.4 71.2#

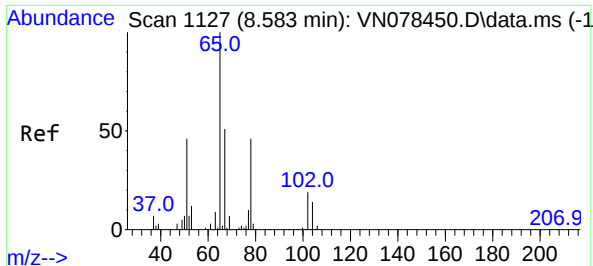


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.036 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20



Tgt Ion: 56 Resp: 8931
Ion Ratio Lower Upper
56 100
69 114.3 26.8 40.2#
84 144.5 81.8 122.6#

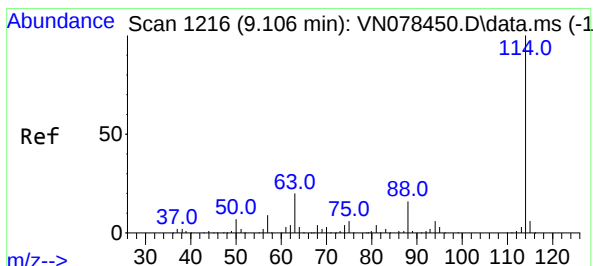
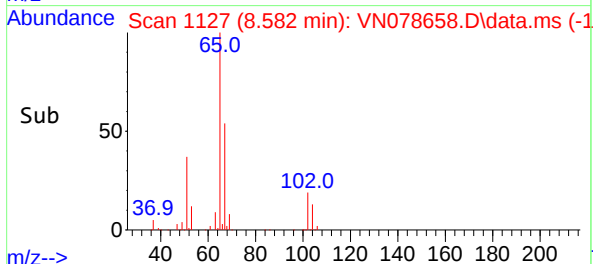
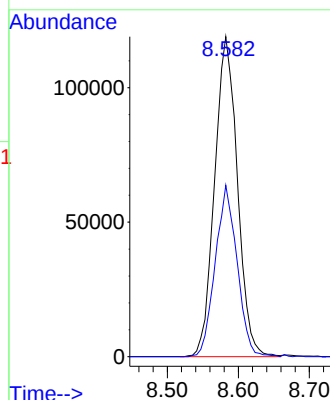
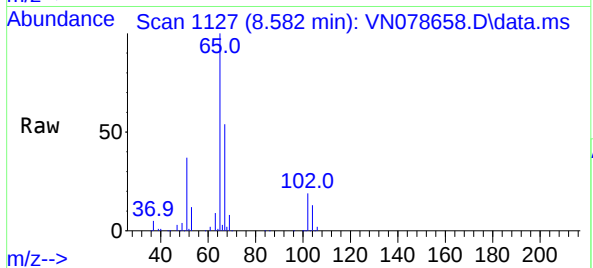




#33
1,2-Dichloroethane-d4
Concen: 47.673 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

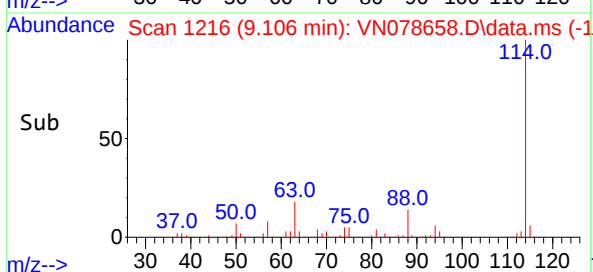
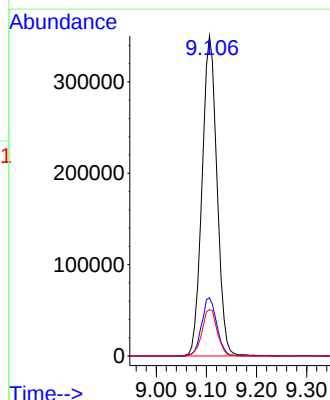
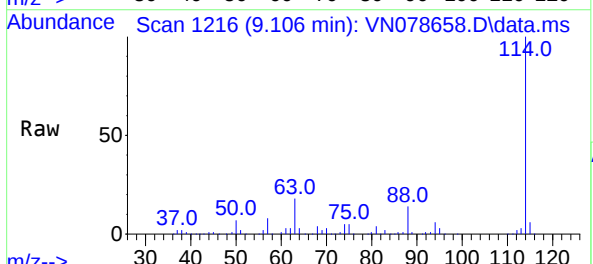
Instrument :
MSVOA_N
ClientSampleId :

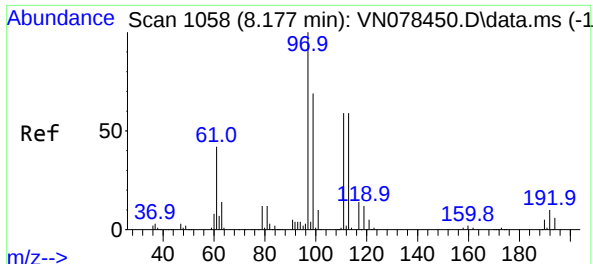
Tgt Ion: 65 Resp: 265056
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

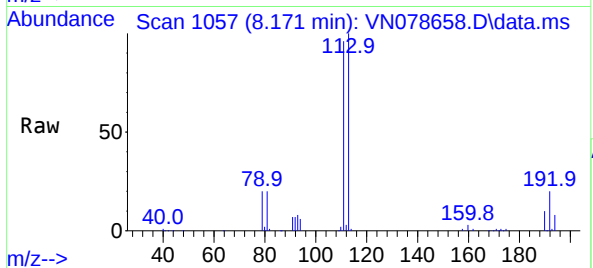
Tgt Ion: 114 Resp: 725156
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 14.4 0.0 30.6



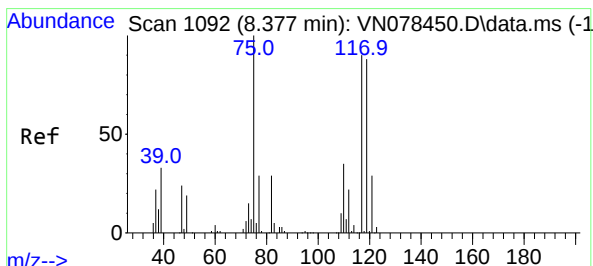
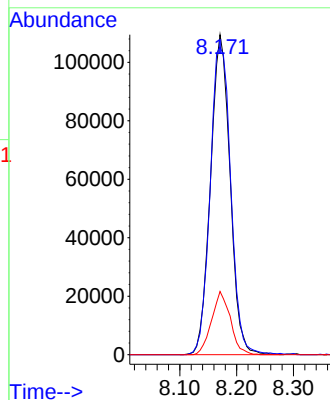
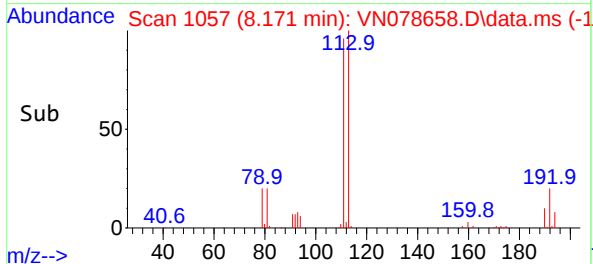


#35
Dibromofluoromethane
Concen: 53.089 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

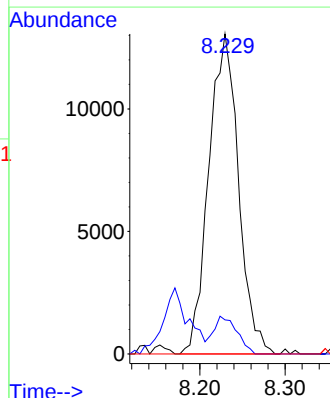
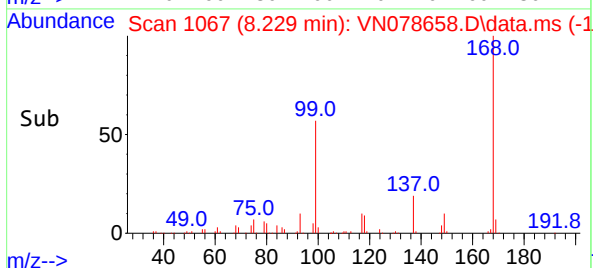
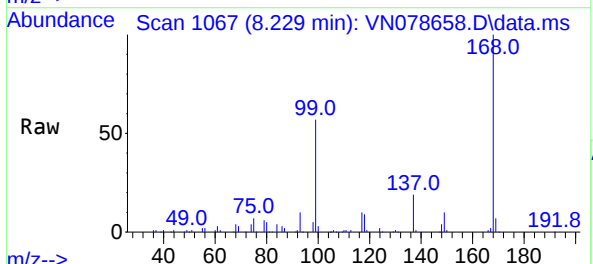


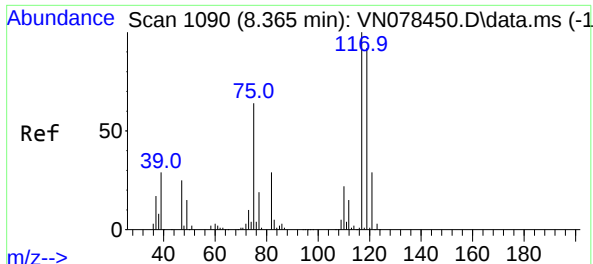
Tgt Ion:113 Resp: 261336
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.148 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

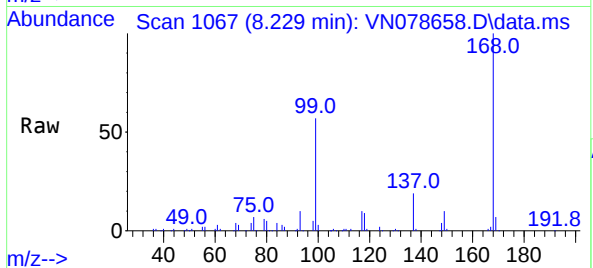
Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
110 9.4 19.1 57.3#
77 0.0 25.0 37.4#



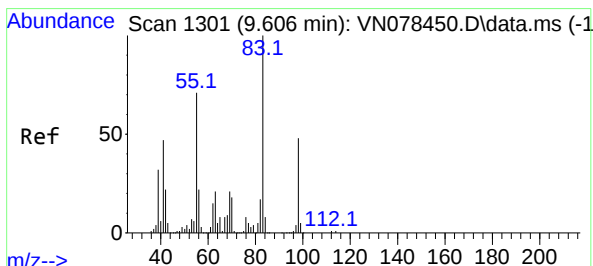
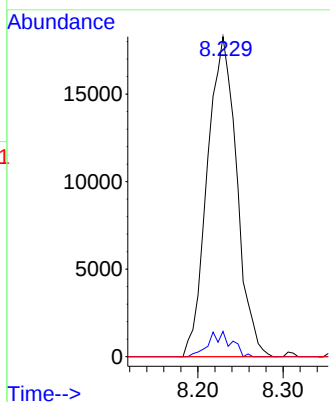
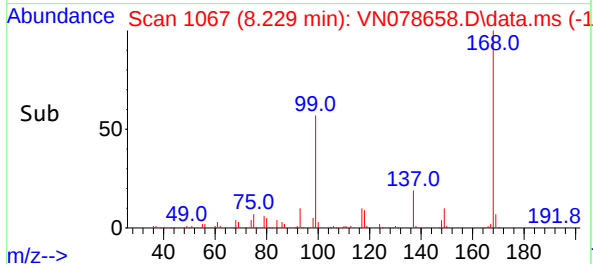


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 8.229 min Scan# 1107
Delta R.T. -0.136 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

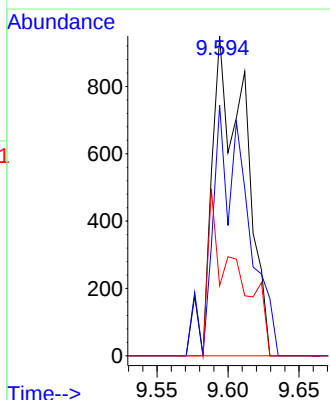
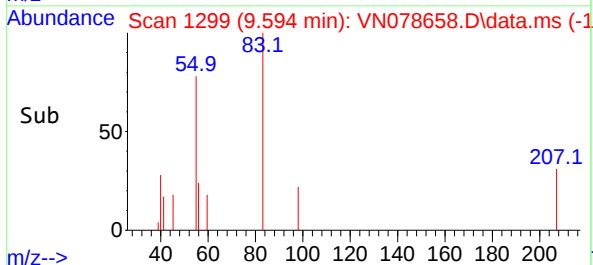
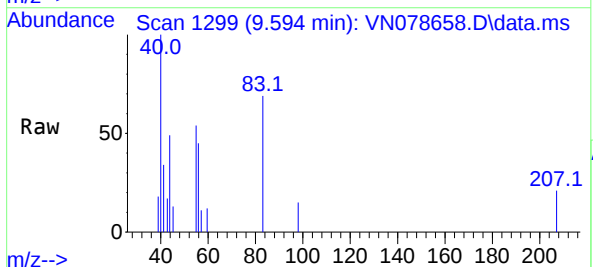


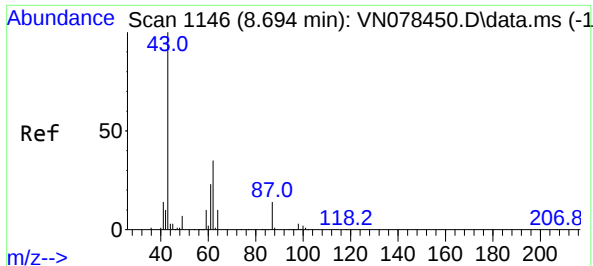
Tgt Ion:117 Resp: 43822
Ion Ratio Lower Upper
117 100
119 7.9 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.242 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.012 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

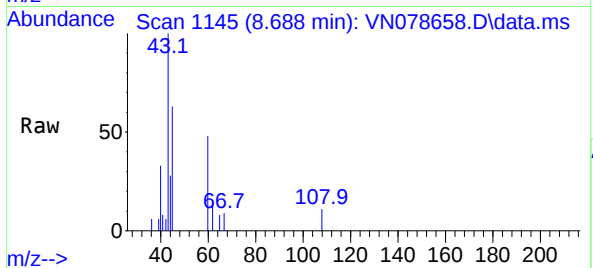
Tgt Ion: 83 Resp: 1568
Ion Ratio Lower Upper
83 100
55 78.3 49.1 73.7#
98 21.9 40.6 61.0#



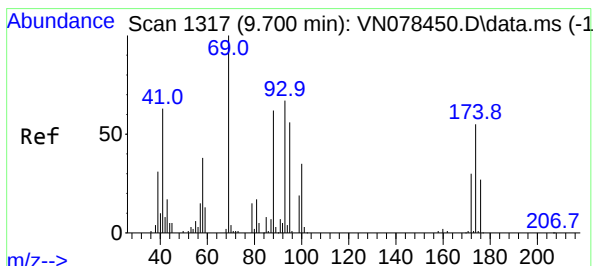
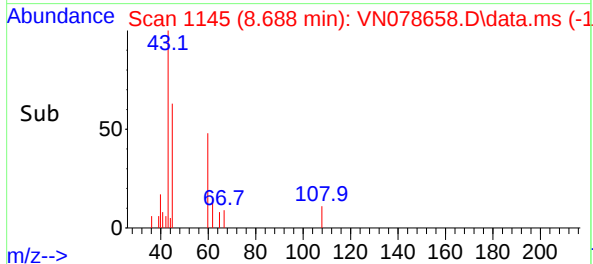
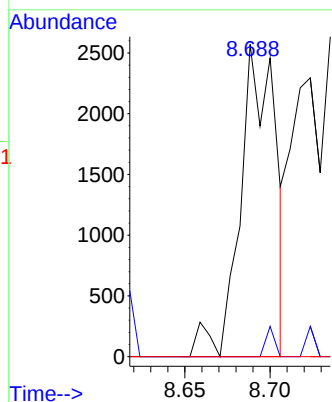


#43
Isopropyl Acetate
Concen: 0.381 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

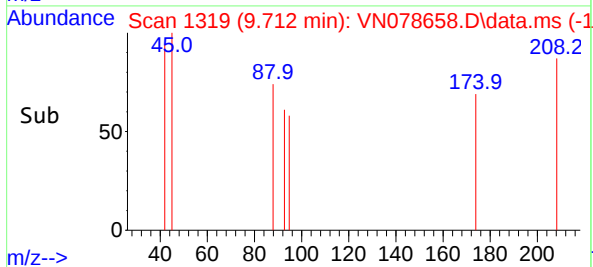
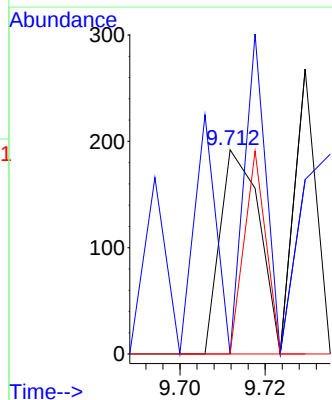
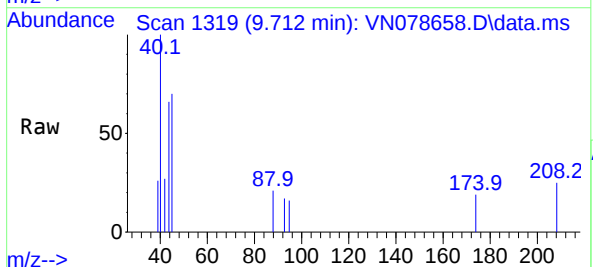


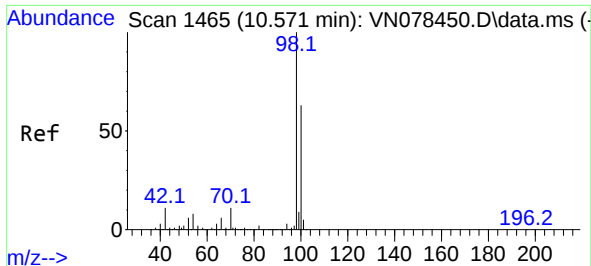
Tgt Ion: 43 Resp: 3714
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#49
1,4-Dioxane
Concen: 1.248 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 88 Resp: 123
Ion Ratio Lower Upper
88 100
43 86.2 17.0 25.6#
58 54.5 47.0 70.4

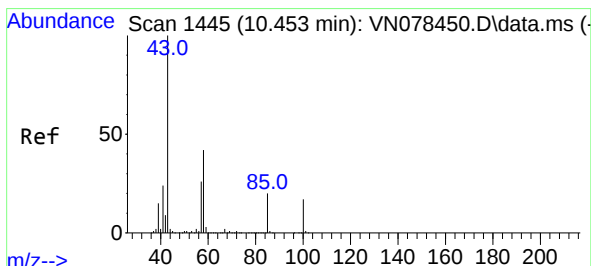
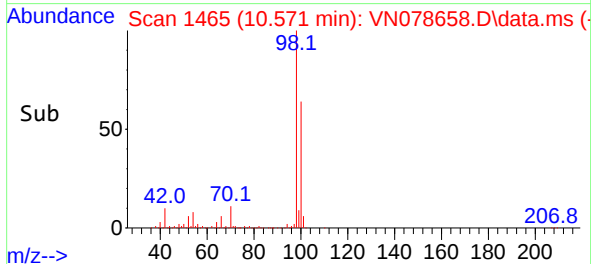
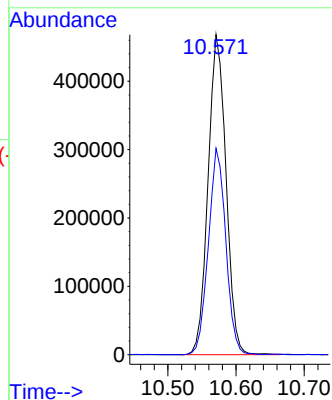
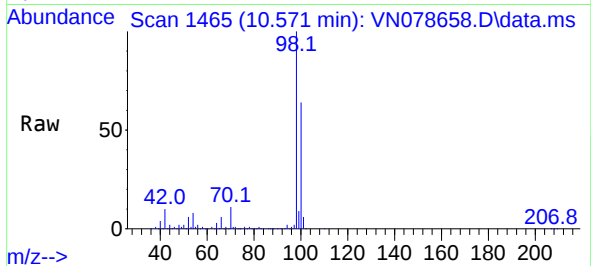




#50
Toluene-d8
Concen: 46.126 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

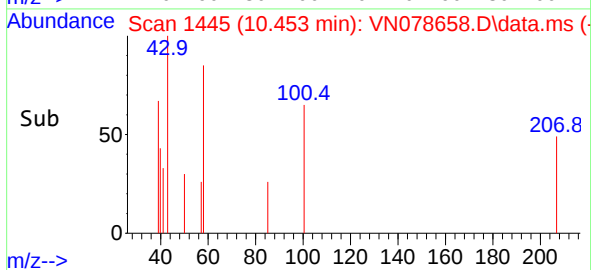
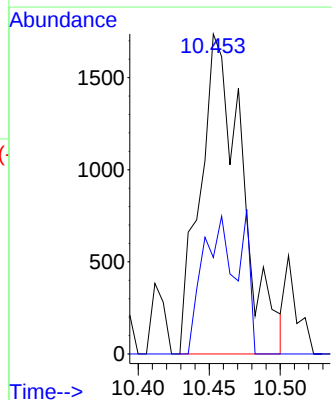
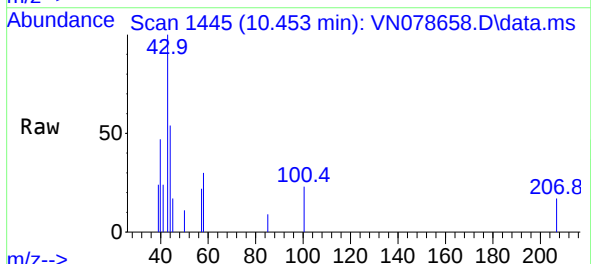
Instrument :
MSVOA_N
ClientSampleId :

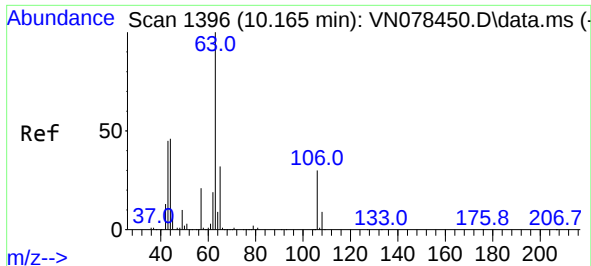
Tgt Ion: 98 Resp: 857767
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 43 Resp: 3576
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#

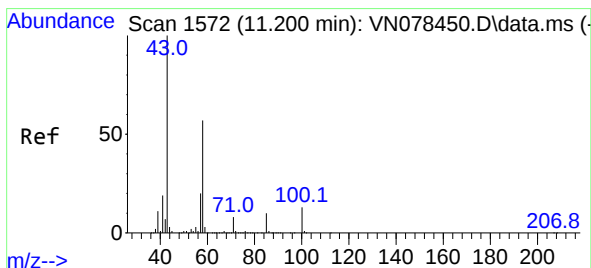
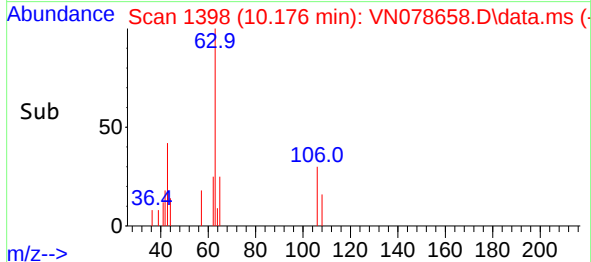
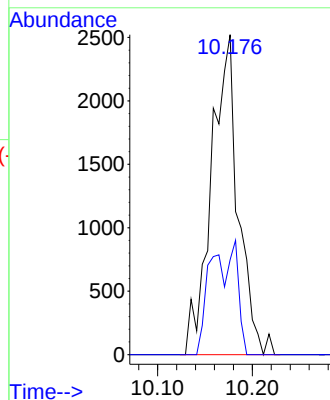
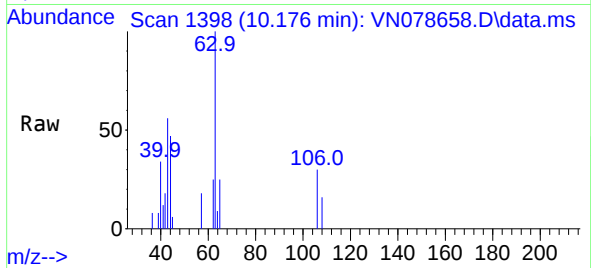




#58
2-Chloroethyl Vinyl ether
Concen: 1.949 ug/l
RT: 10.176 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

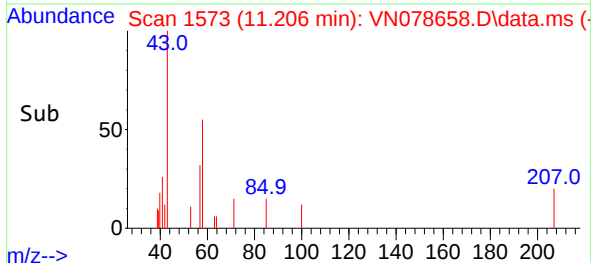
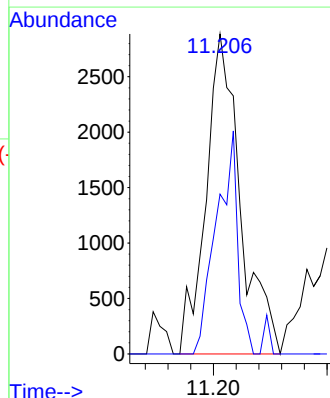
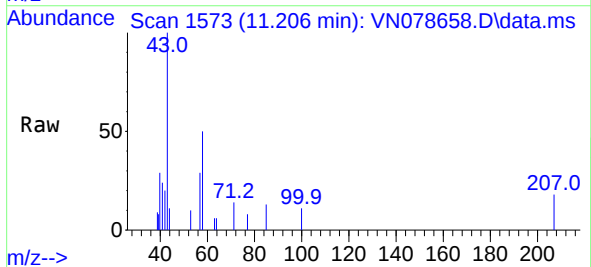
Instrument :
MSVOA_N
ClientSampleId :

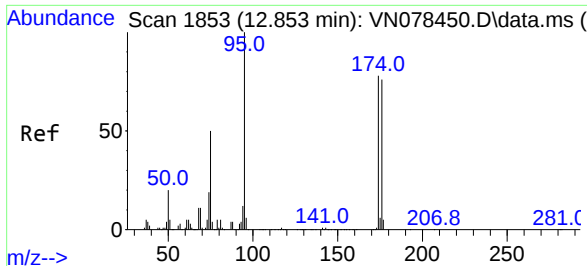
Tgt Ion: 63 Resp: 4992
Ion Ratio Lower Upper
63 100
106 21.4 26.2 39.4#



#59
2-Hexanone
Concen: 1.478 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 43 Resp: 6093
Ion Ratio Lower Upper
43 100
58 42.8 31.7 95.1

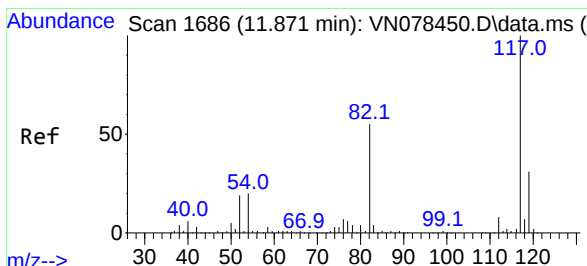
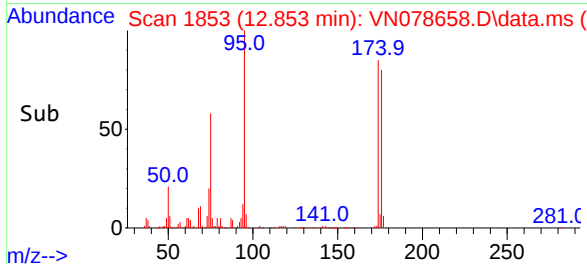
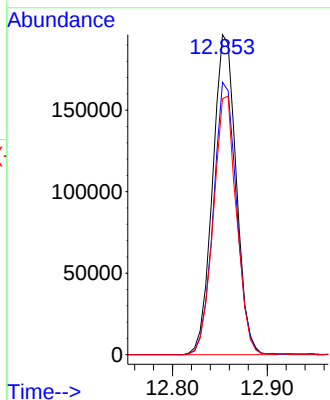
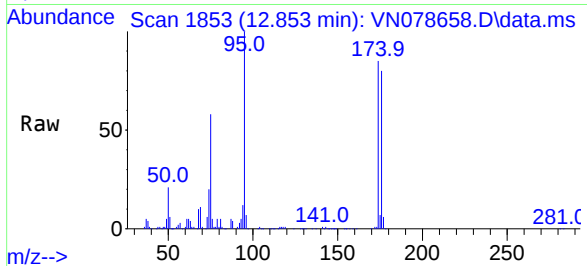




#62
4-Bromofluorobenzene
Concen: 59.224 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

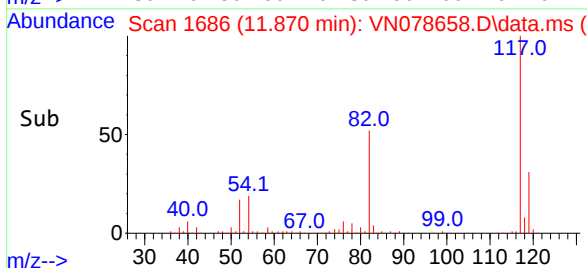
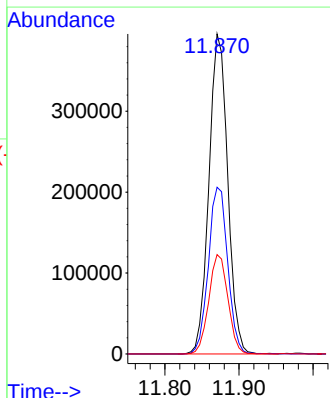
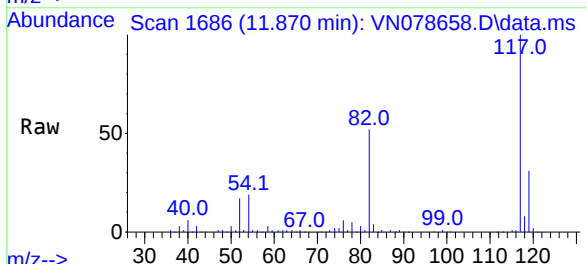
Instrument :
MSVOA_N
ClientSampleId :

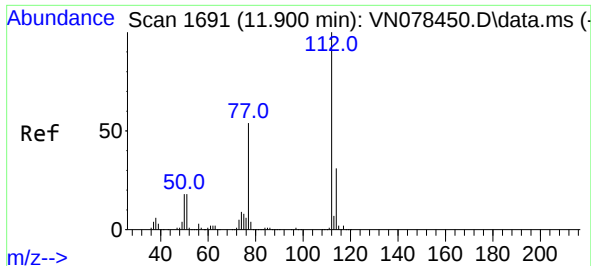
Tgt Ion: 95 Resp: 339232
Ion Ratio Lower Upper
95 100
174 84.0 0.0 143.8
176 79.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

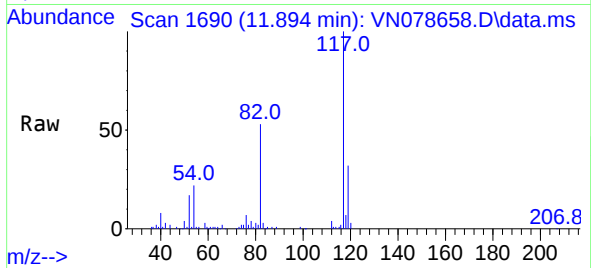
Tgt Ion: 117 Resp: 695220
Ion Ratio Lower Upper
117 100
82 52.1 44.0 66.0
119 31.1 25.6 38.4



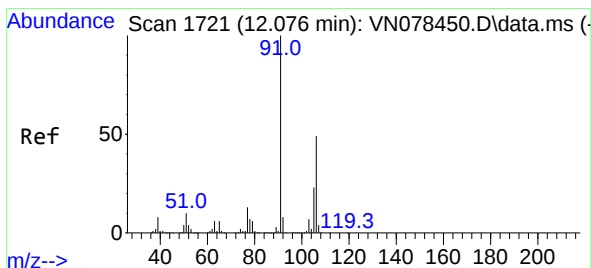
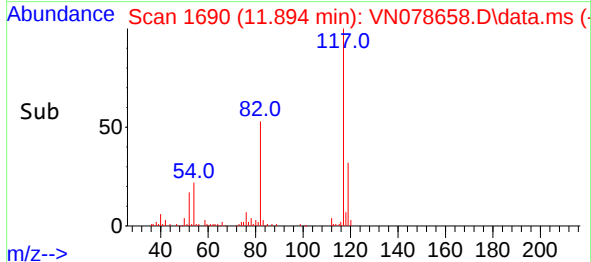
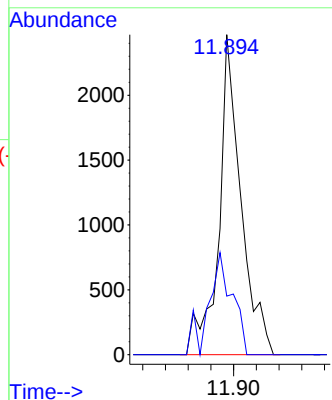


#65
Chlorobenzene
Concen: 0.214 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

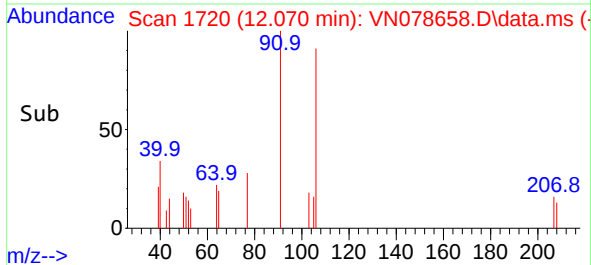
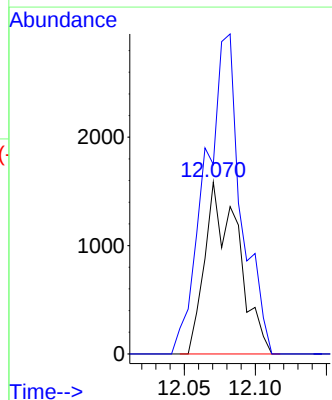
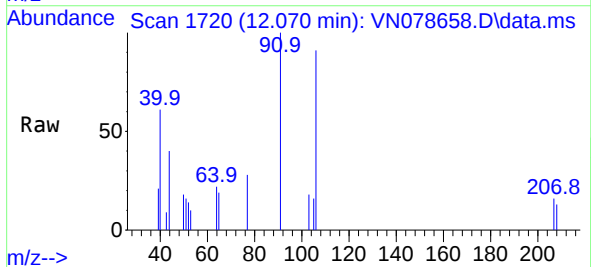


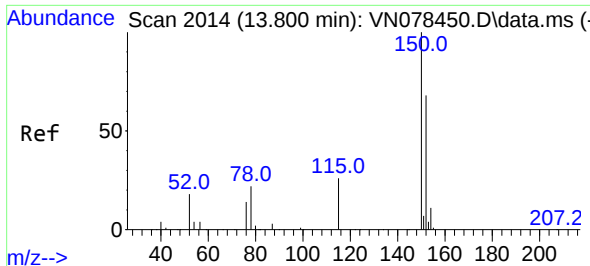
Tgt Ion:112 Resp: 3333
Ion Ratio Lower Upper
112 100
114 18.3 25.0 37.4#



#68
m/p-Xylenes
Concen: 0.267 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

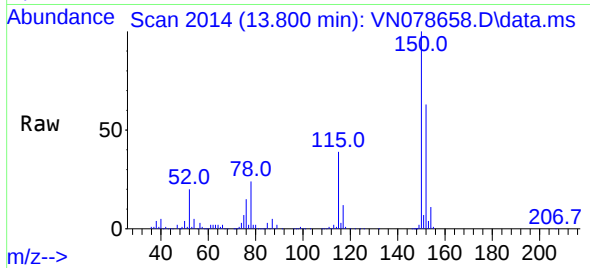
Tgt Ion:106 Resp: 2594
Ion Ratio Lower Upper
106 100
91 200.7 159.6 239.4



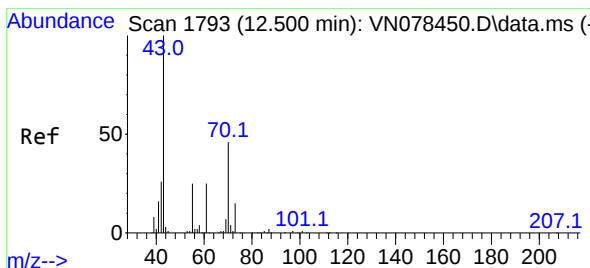
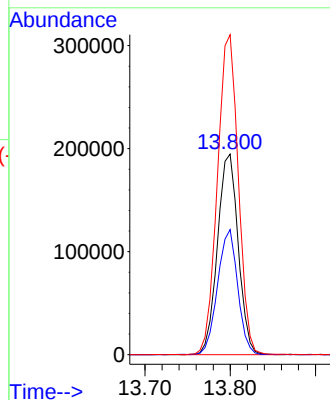
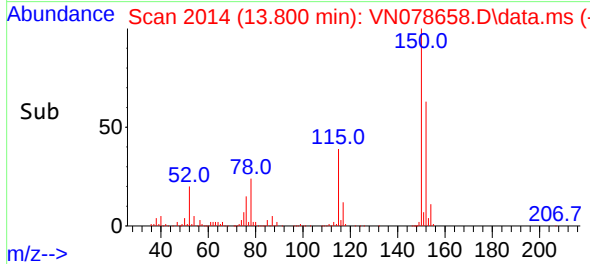


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

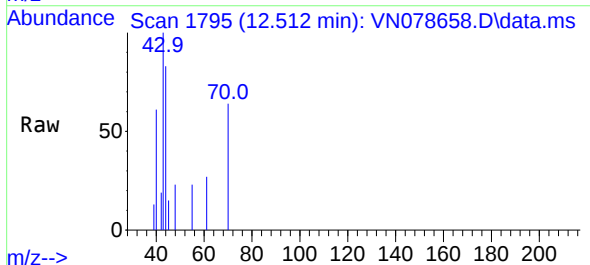
Instrument :
MSVOA_N
ClientSampleId :



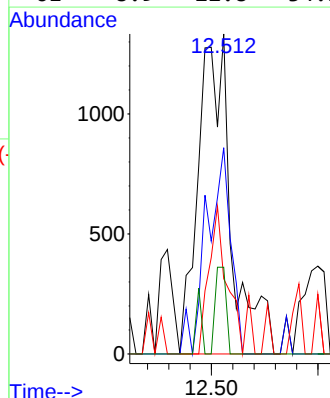
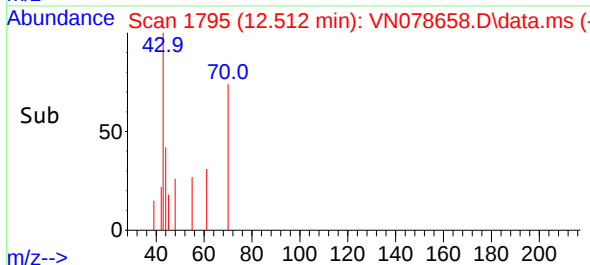
Tgt Ion:152 Resp: 329392
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 160.6 0.0 355.8

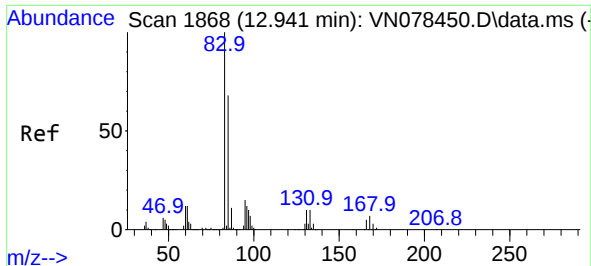


#74
N-ethyl acetate
Concen: 0.268 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20



Tgt Ion: 43 Resp: 2855
Ion Ratio Lower Upper
43 100
70 47.2 43.4 65.2
55 28.7 21.4 32.0
61 8.9 22.8 34.2#

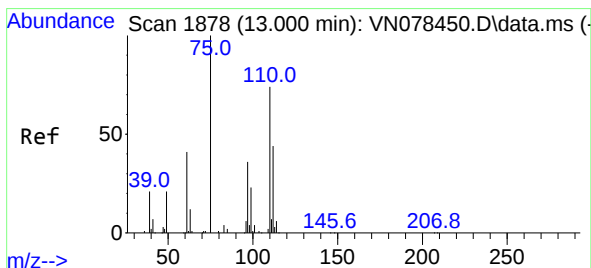
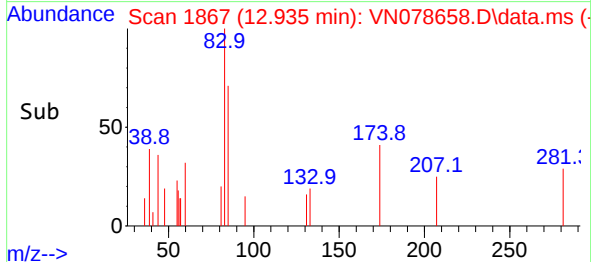
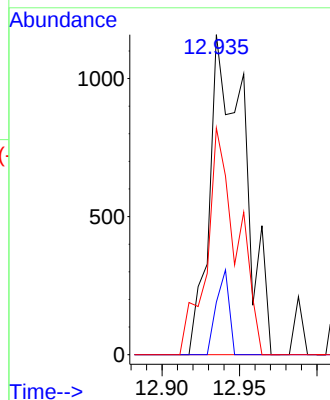
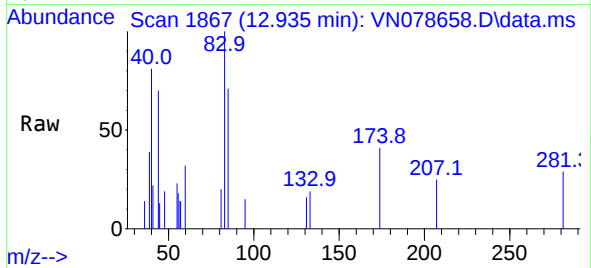




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

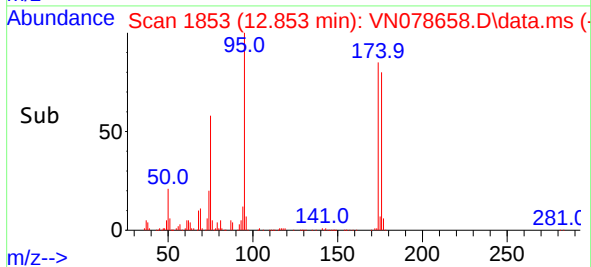
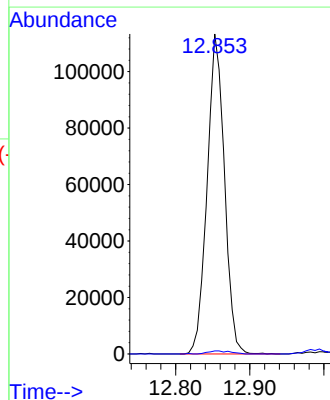
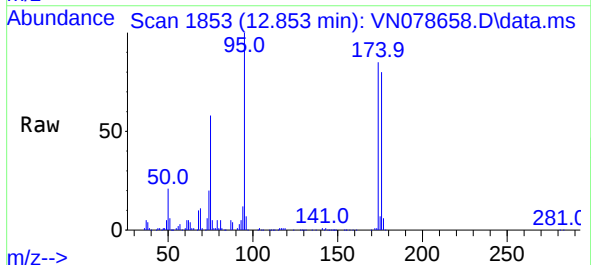
Instrument :
MSVOA_N
ClientSampleId :

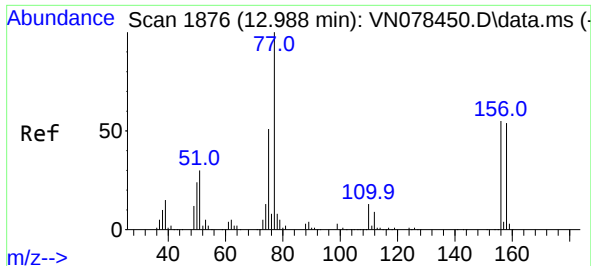
Tgt Ion: 83 Resp: 1815
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 61.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 23.113 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

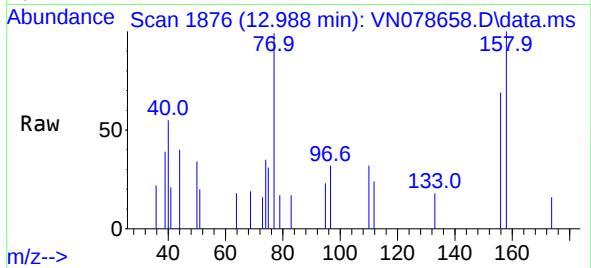
Tgt Ion: 75 Resp: 184023
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



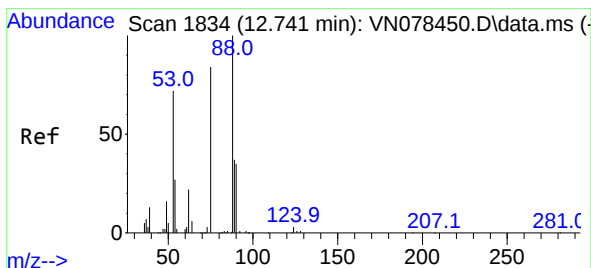
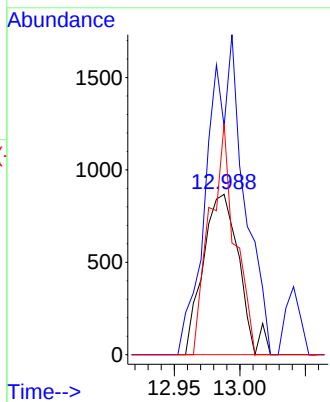
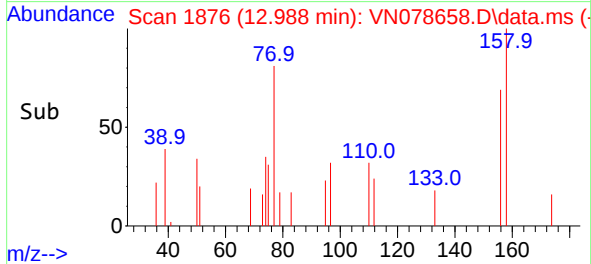


#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

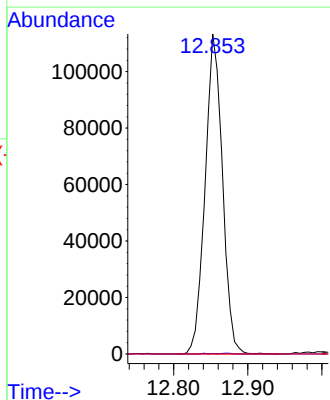
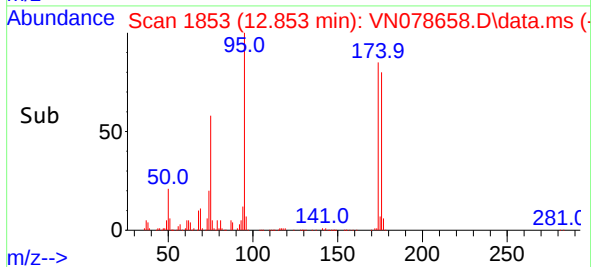
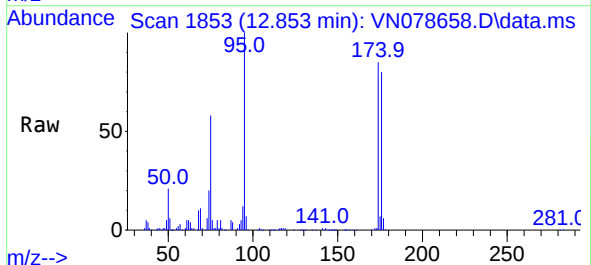


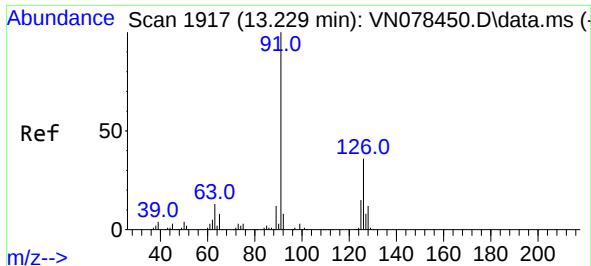
Tgt Ion:156 Resp: 1656
Ion Ratio Lower Upper
156 100
77 201.6 107.7 323.3
158 100.7 48.4 145.3



#81
trans-1,4-Dichloro-2-butene
Concen: 60.737 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 75 Resp: 184023
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

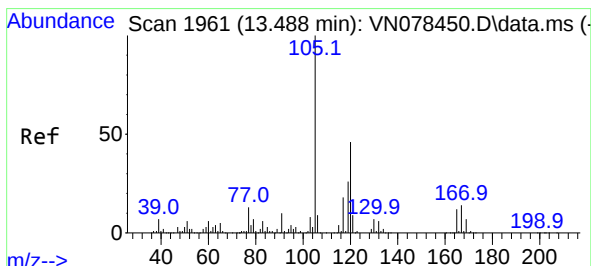
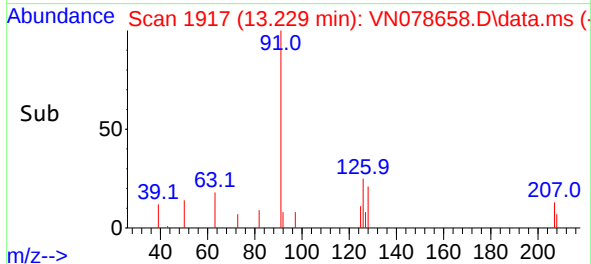
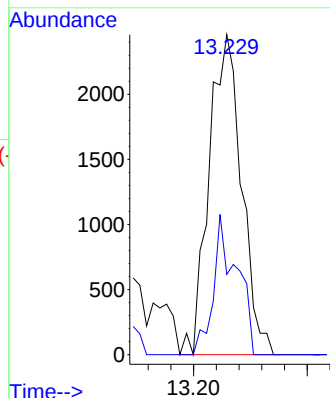
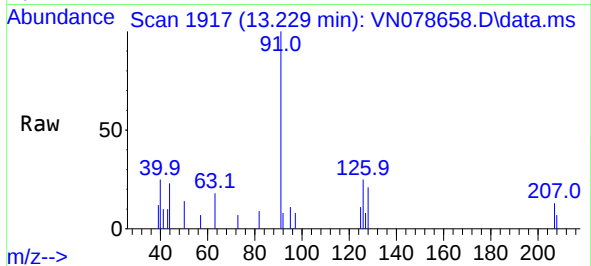




#82
4-Chlorotoluene
Concen: 0.242 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

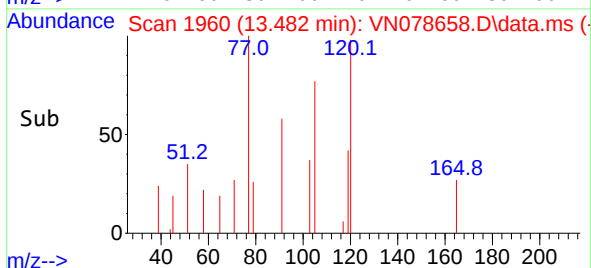
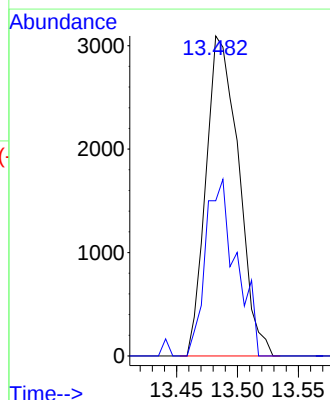
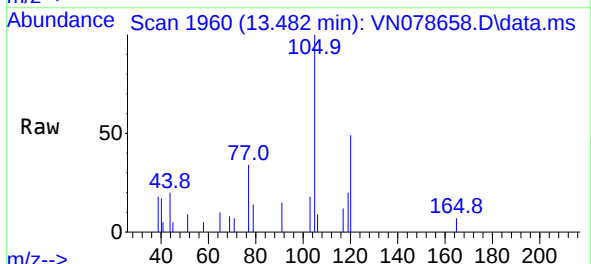
Instrument :
MSVOA_N
ClientSampleId :

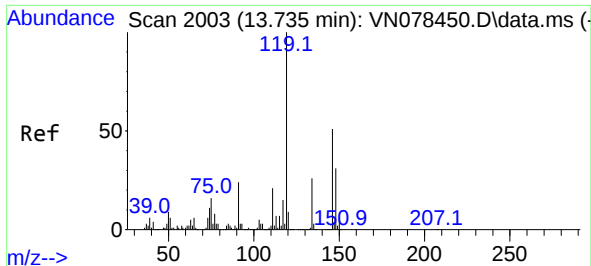
Tgt Ion: 91 Resp: 4900
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.243 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion: 105 Resp: 5761
Ion Ratio Lower Upper
105 100
120 52.2 22.0 66.0





#87

1,3-Dichlorobenzene

Concen: 0.323 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.006 min

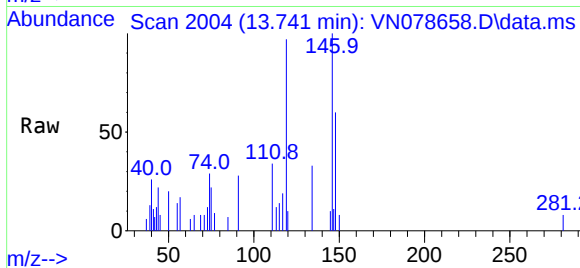
Lab File: VN078658.D

Acq: 27 Jul 2023 13:20

Instrument :

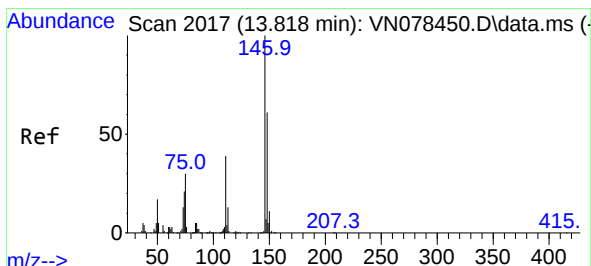
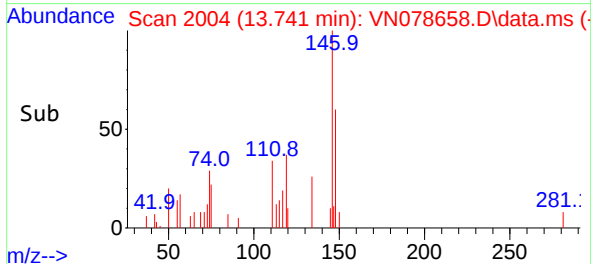
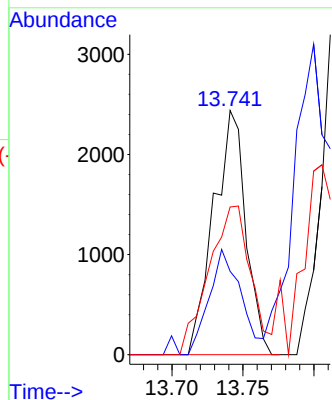
MSVOA_N

ClientSampleId :



Tgt Ion:146 Resp: 3841

Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.1	66.3
148	79.4	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 0.321 ug/l

RT: 13.741 min Scan# 2004

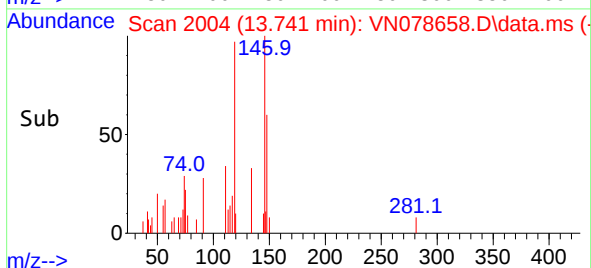
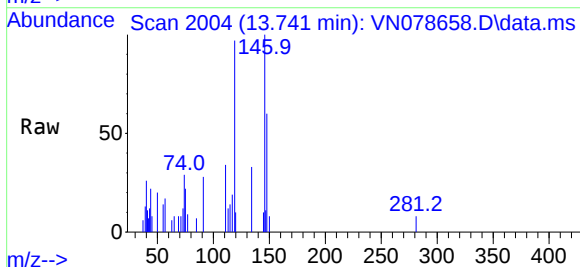
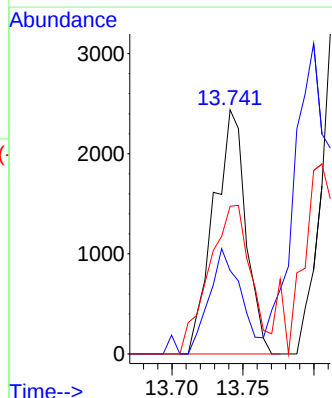
Delta R.T. -0.077 min

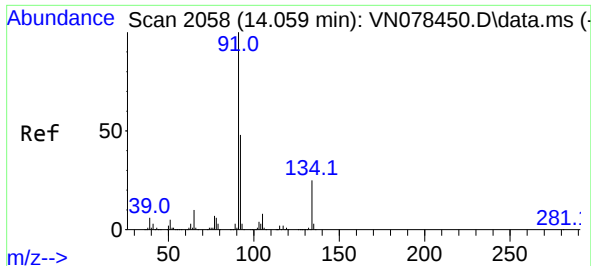
Lab File: VN078658.D

Acq: 27 Jul 2023 13:20

Tgt Ion:146 Resp: 3841

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.6	61.8
148	79.4	31.6	94.8

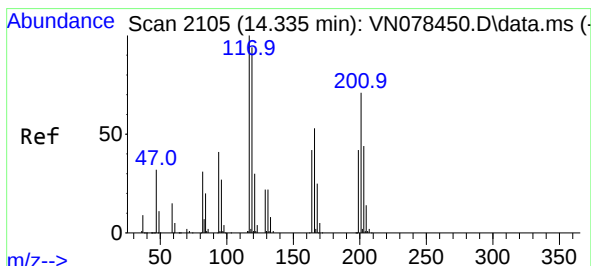
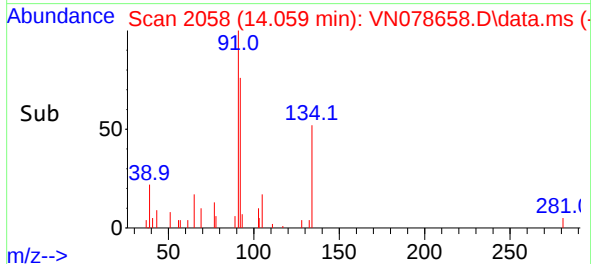
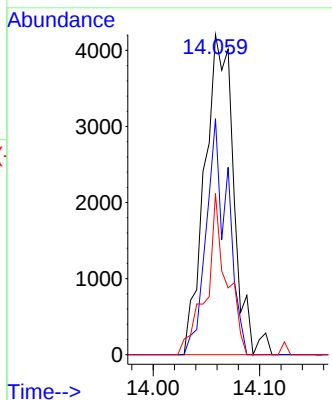
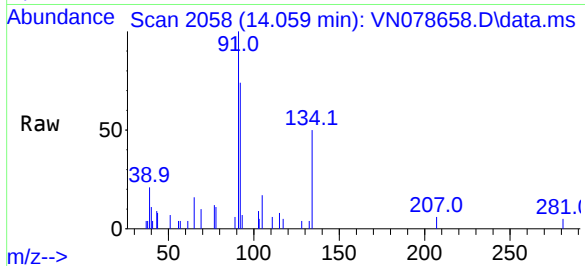




#89
n-Butylbenzene
Concen: 0.528 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

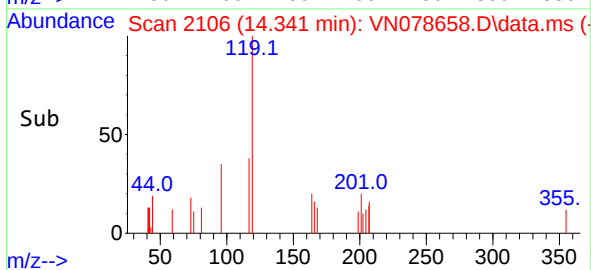
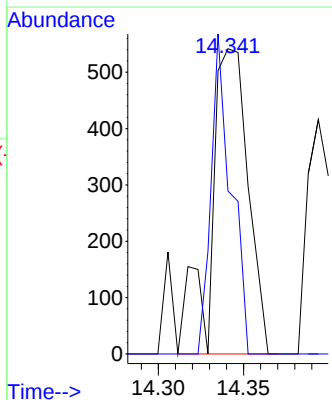
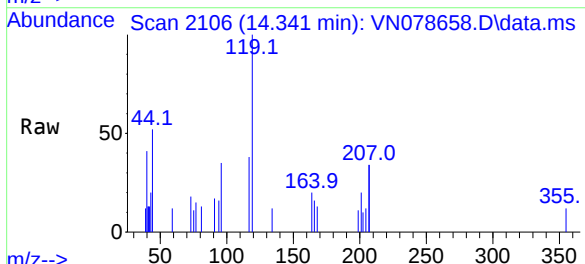
Instrument :
MSVOA_N
ClientSampleId :

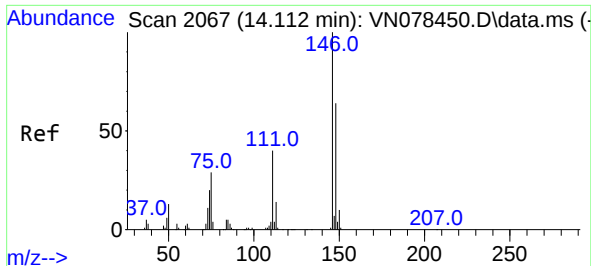
Tgt Ion:	91	Resp:	7962
Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.4	79.0
134	34.9	12.6	37.6



#90
Hexachloroethane
Concen: Below Cal
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion:	117	Resp:	824
Ion	Ratio	Lower	Upper
117	100		
201	56.1	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 0.354 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN078658.D

Acq: 27 Jul 2023 13:20

Instrument :

MSVOA_N

ClientSampleId :

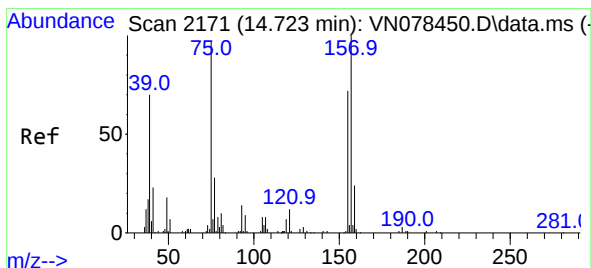
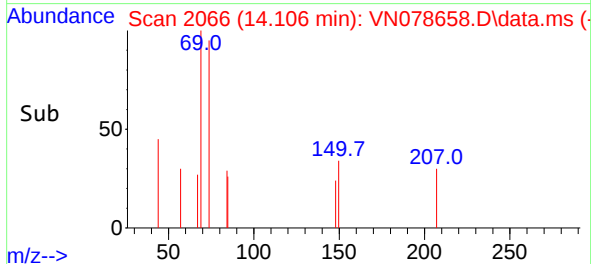
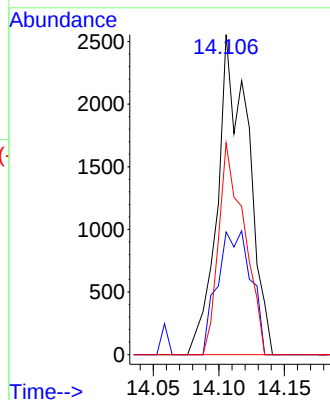
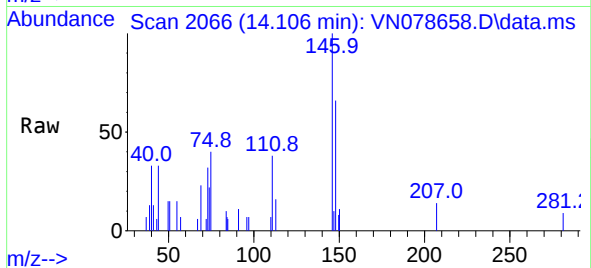
Tgt Ion:146 Resp: 4189

Ion Ratio Lower Upper

146 100

111 42.1 22.0 66.0

148 54.8 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN078658.D

Acq: 27 Jul 2023 13:20

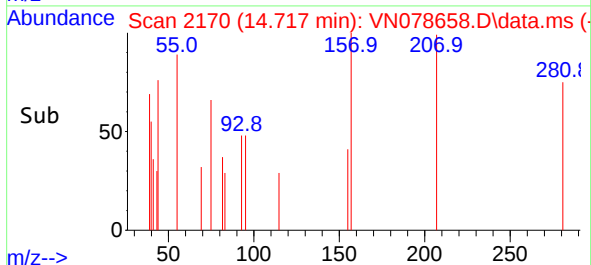
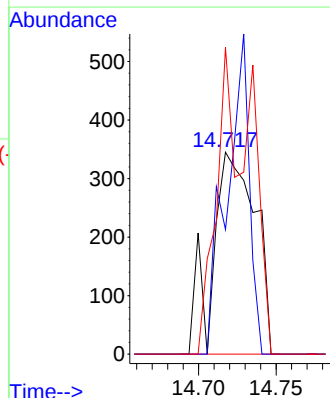
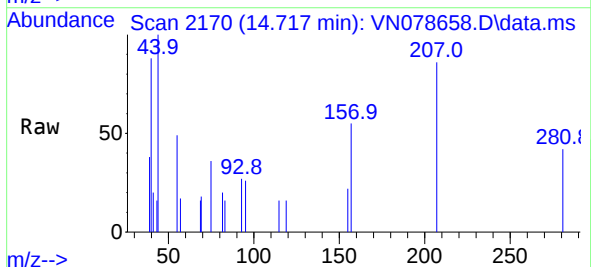
Tgt Ion: 75 Resp: 664

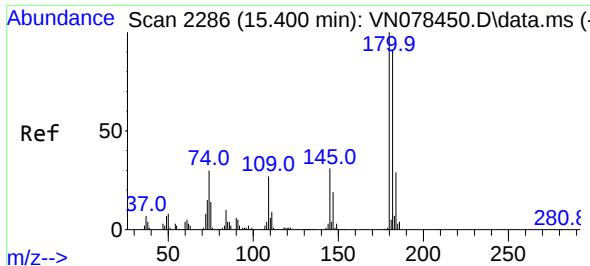
Ion Ratio Lower Upper

75 100

155 83.6 39.1 117.2

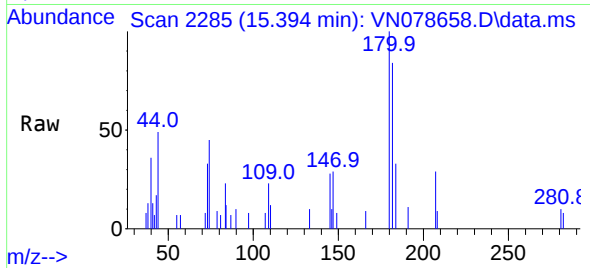
157 118.8 50.3 150.9



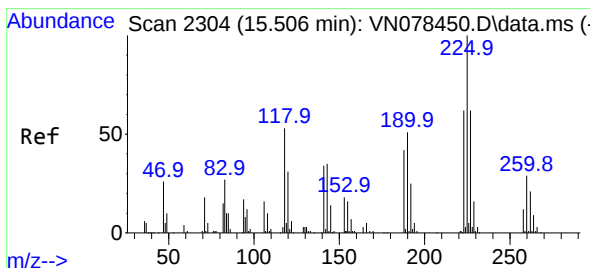
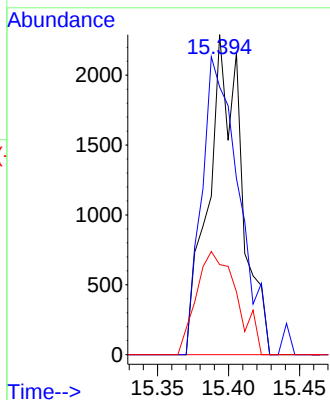
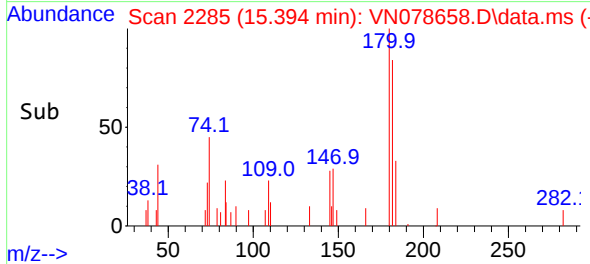


#93
1,2,4-Trichlorobenzene
Concen: 0.987 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

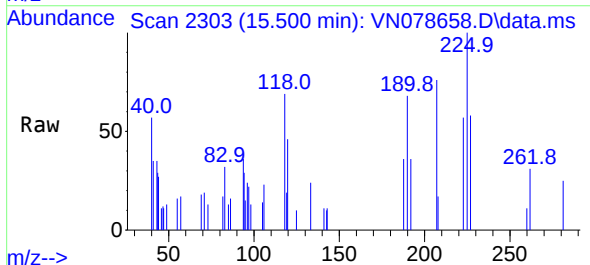
Instrument :
MSVOA_N
ClientSampleId :



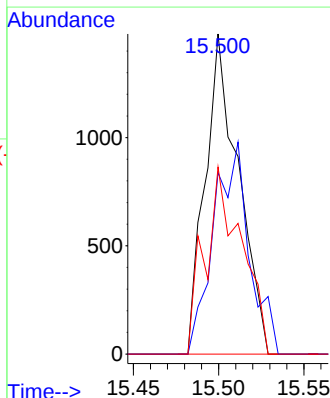
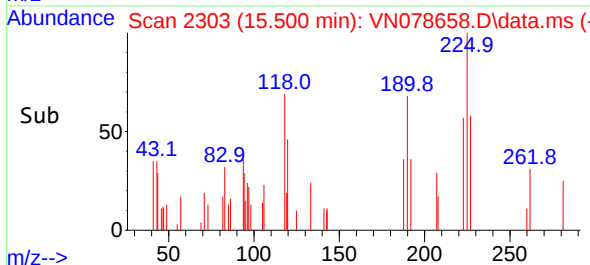
Tgt Ion:180 Resp: 3723
Ion Ratio Lower Upper
180 100
182 103.1 46.1 138.2
145 39.2 16.6 49.8

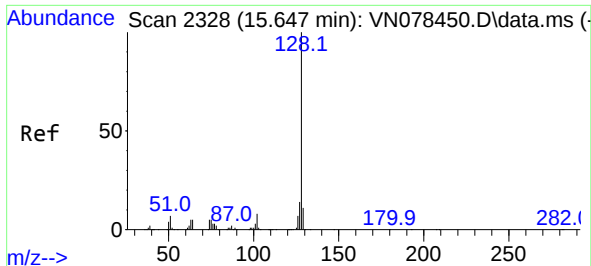


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20



Tgt Ion:225 Resp: 2007
Ion Ratio Lower Upper
225 100
223 70.8 31.3 93.8
227 64.1 31.9 95.9

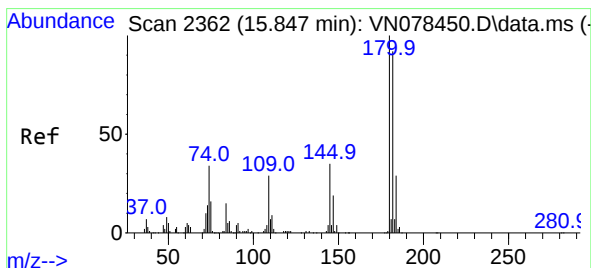
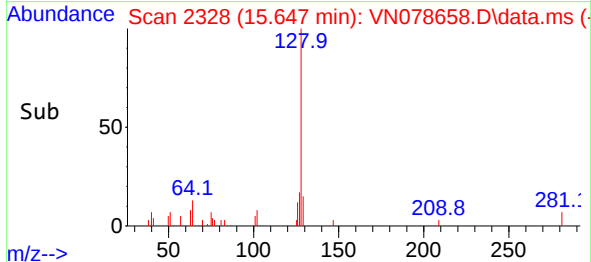
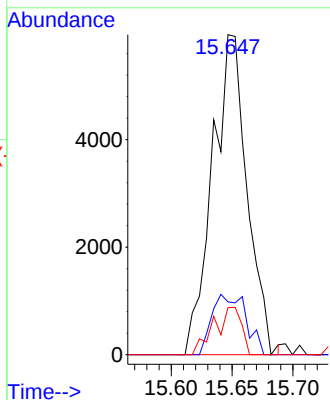
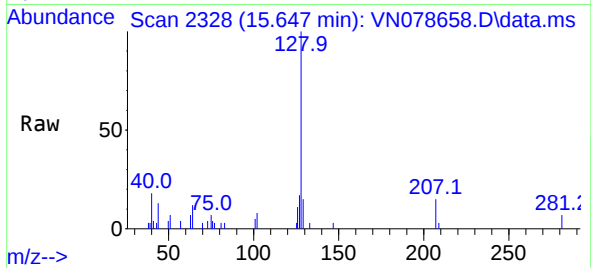




#95
Naphthalene
Concen: 0.916 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 11817
Ion Ratio Lower Upper
128 100
127 18.4 10.0 15.0#
129 11.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.172 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078658.D
Acq: 27 Jul 2023 13:20

Tgt Ion:180 Resp: 5087
Ion Ratio Lower Upper
180 100
182 75.9 46.2 138.6
145 18.9 17.5 52.6

