

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074772.D
 Acq On : 06 Oct 2022 10:28
 Operator : JC\MD
 Sample : VN1006WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBL01

Quant Time: Oct 06 16:28:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

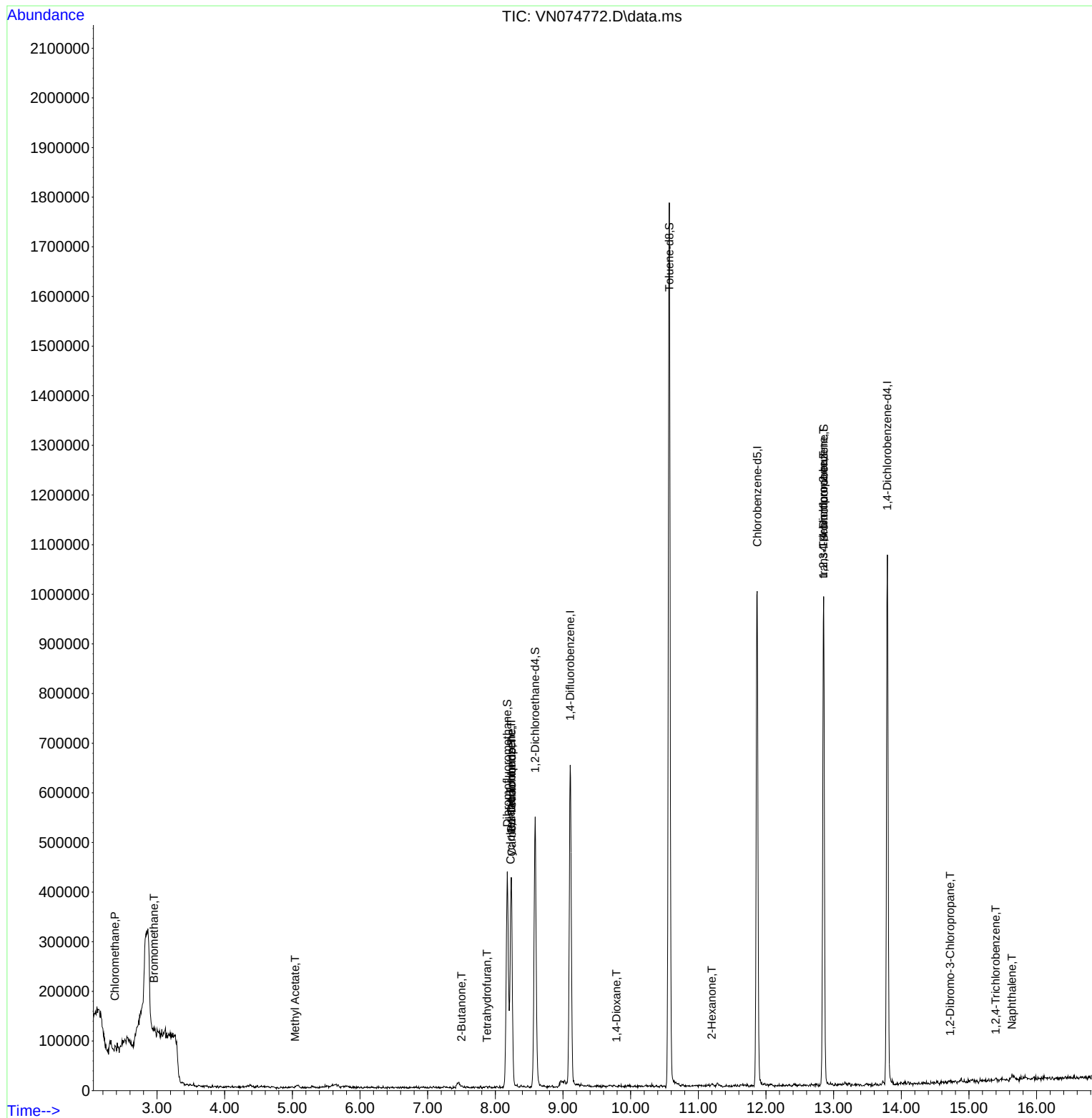
Internal Standards						
1) Pentafluorobenzene	8.235	168	299000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	566545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	388909	54.895	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.800%			
35) Dibromofluoromethane	8.177	113	294802	52.284	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.571	98	1228162	50.763	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.853	95	313748	42.660	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.320%			
Target Compounds						Qvalue
3) Chloromethane	2.377	50	2800	0.307	ug/l	98
5) Bromomethane	2.953	94	2288	0.287	ug/l #	63
13) Acrolein	4.194	56	281	Below Cal	#	1
18) Methyl Acetate	5.041	43	3951	0.266	ug/l #	77
20) Methylene Chloride	5.300	84	728	Below Cal	#	52
25) 2-Butanone	7.500	43	1676	0.230	ug/l	92
29) Tetrahydrofuran	7.877	42	1671	0.329	ug/l #	43
31) Cyclohexane	8.224	56	9930	0.811	ug/l #	57
36) 1,1-Dichloropropene	8.235	75	28400	3.112	ug/l #	42
38) Carbon Tetrachloride	8.241	117	31764	3.691	ug/l #	18
49) 1,4-Dioxane	9.788	88	144	0.715	ug/l #	24
59) 2-Hexanone	11.200	43	2939	0.267	ug/l	72
75) 1,1,2,2-Tetrachloroethane	12.947	83	163	Below Cal	#	66
76) 1,2,3-Trichloropropane	12.847	75	174871	22.198	ug/l #	1
77) Bromobenzene	12.988	156	298	Below Cal		77
81) trans-1,4-Dichloro-2-b...	12.847	75	174871	43.250	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.723	75	434	0.206	ug/l #	50
93) 1,2,4-Trichlorobenzene	15.394	180	1727	0.407	ug/l	81
95) Naphthalene	15.635	128	9302	0.507	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	639	Below Cal	#	1

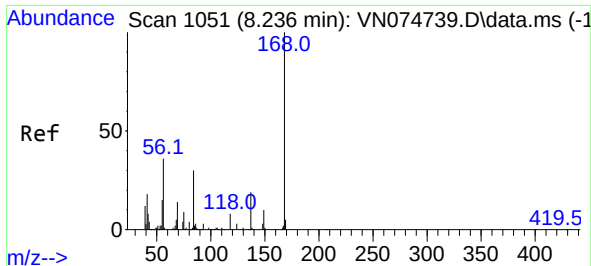
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

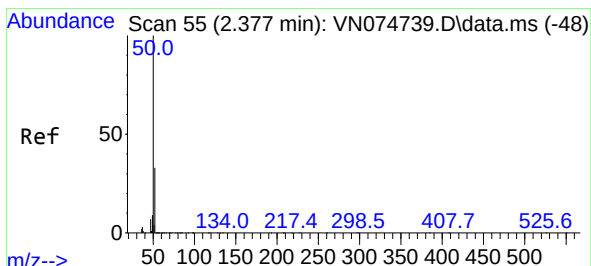
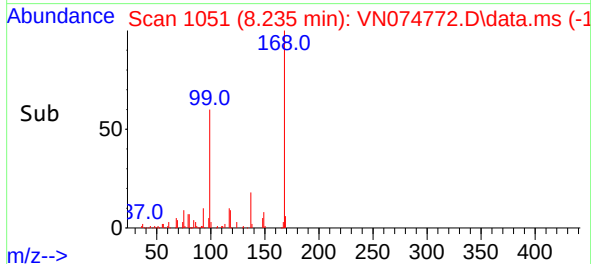
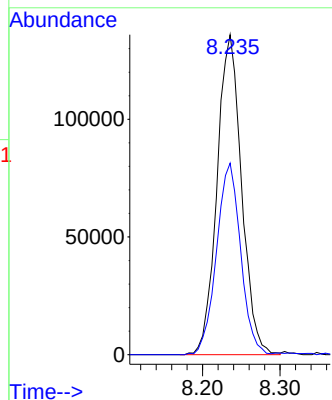
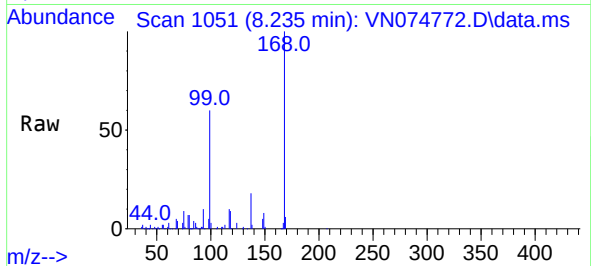




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

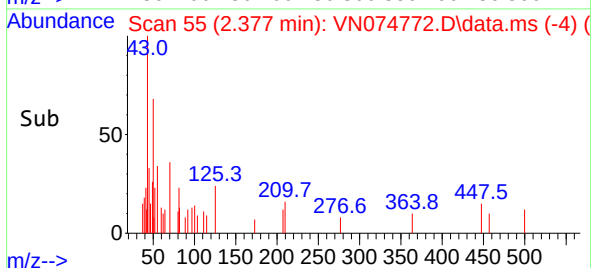
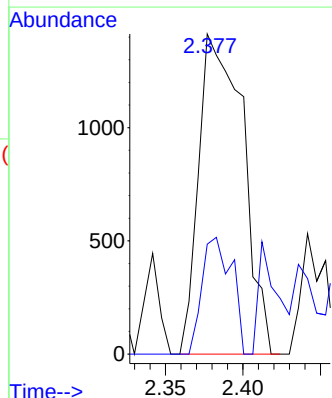
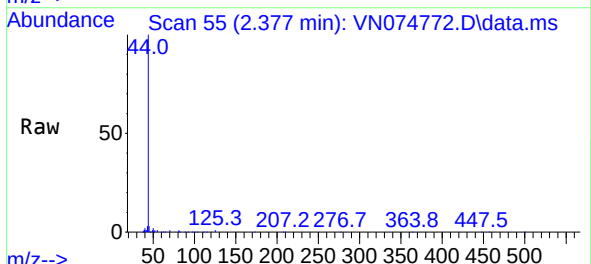
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

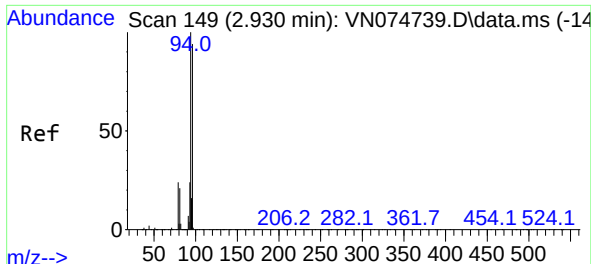
Tgt Ion:168 Resp: 299000
Ion Ratio Lower Upper
168 100
99 59.9 42.8 64.2



#3
Chloromethane
Concen: 0.307 ug/l
RT: 2.377 min Scan# 55
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 50 Resp: 2800
Ion Ratio Lower Upper
50 100
52 34.3 26.7 40.1

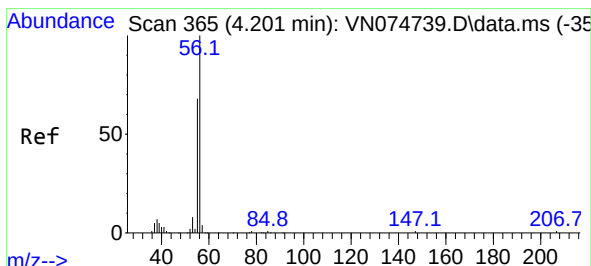
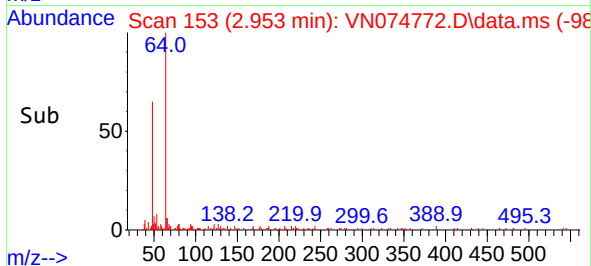
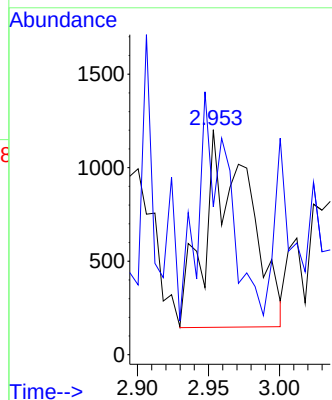
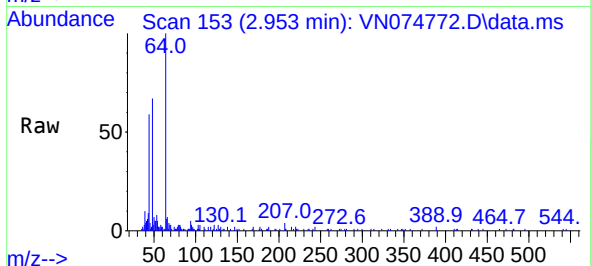




#5
Bromomethane
Concen: 0.287 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

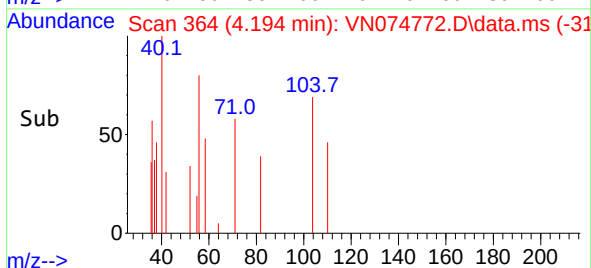
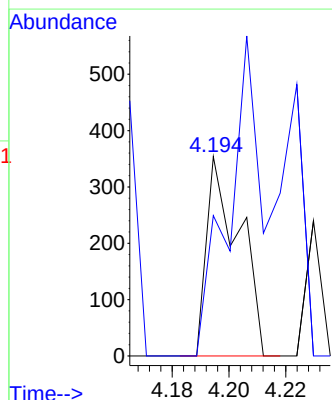
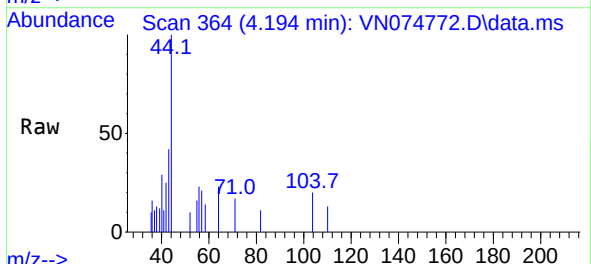
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

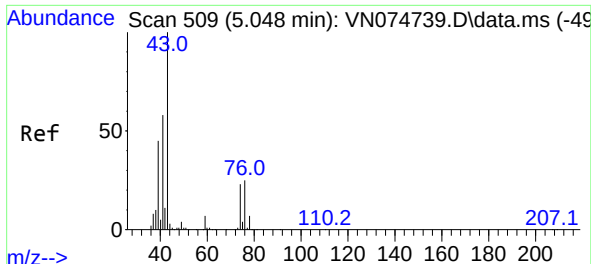
Tgt Ion: 94 Resp: 2288
Ion Ratio Lower Upper
94 100
96 58.0 75.0 112.6#



#13
Acrolein
Concen: Below Cal
RT: 4.194 min Scan# 364
Delta R.T. -0.007 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 56 Resp: 281
Ion Ratio Lower Upper
56 100
55 250.2 54.9 82.3#

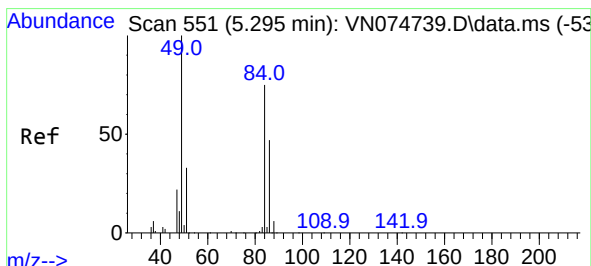
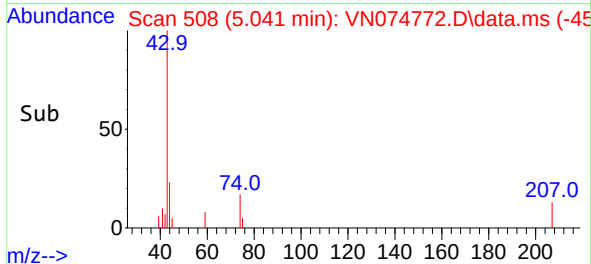
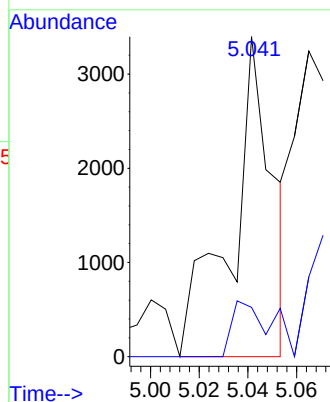
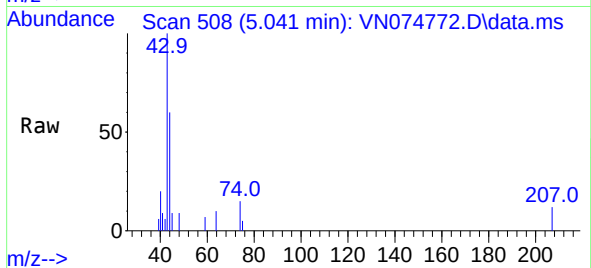




#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 5.041 min Scan# 509
Delta R.T. -0.006 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

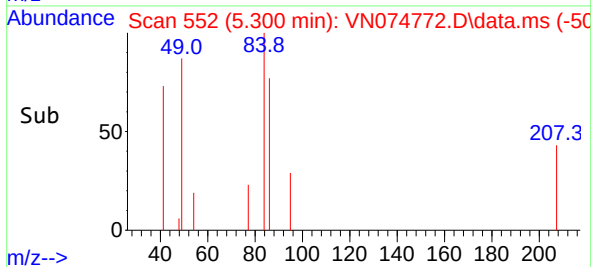
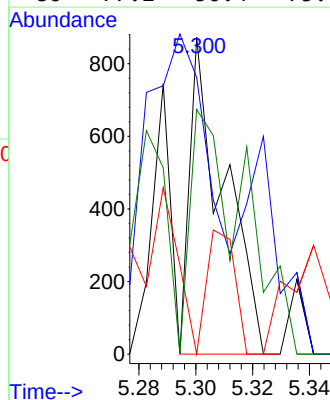
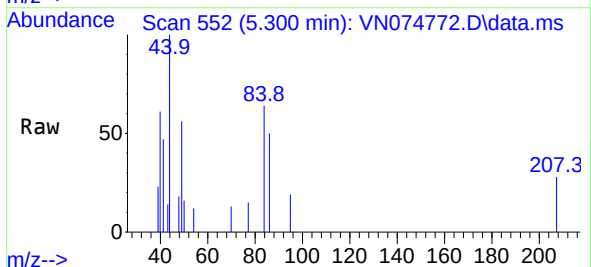
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

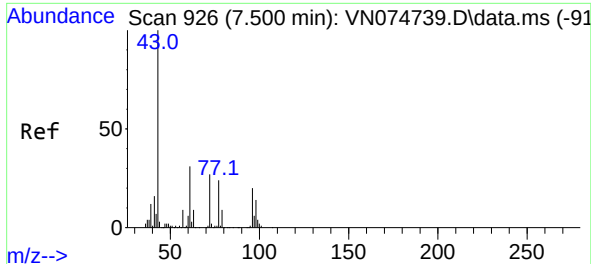
Tgt Ion: 43 Resp: 3951
Ion Ratio Lower Upper
43 100
74 12.1 18.5 27.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 84 Resp: 728
Ion Ratio Lower Upper
84 100
49 68.2 107.4 161.0#
51 0.0 35.1 52.7#
86 77.2 50.4 75.6#

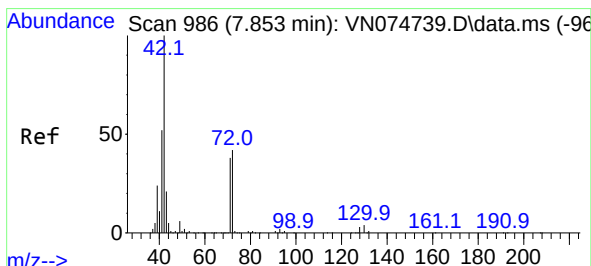
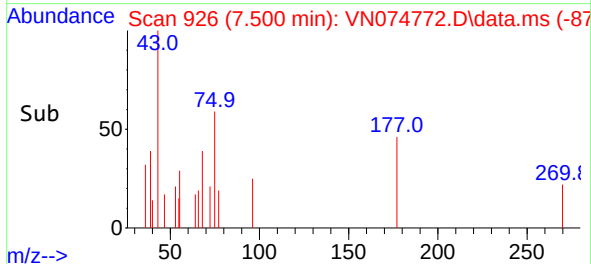
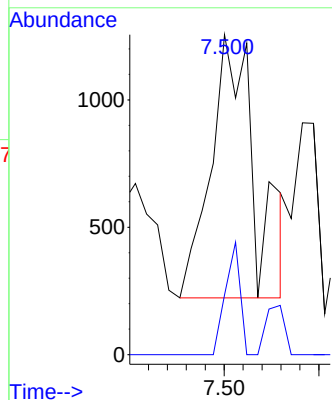
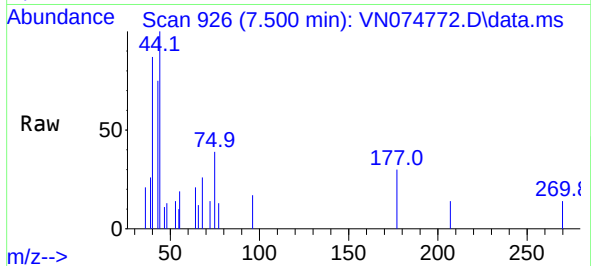




#25
2-Butanone
Concen: 0.230 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

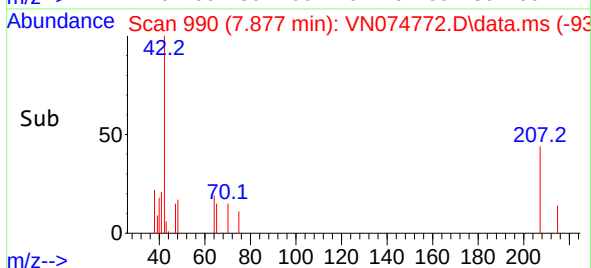
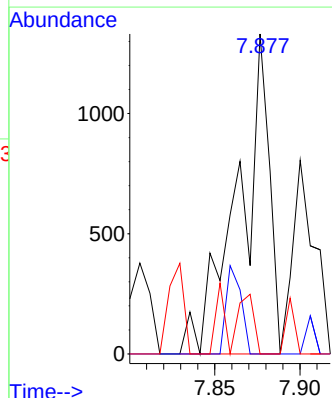
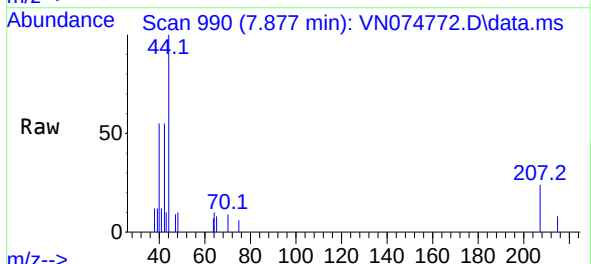
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

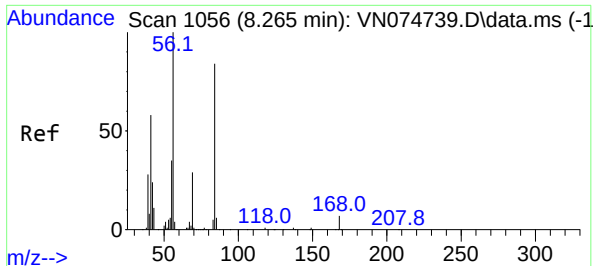
Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
72 22.7 21.4 32.0



#29
Tetrahydrofuran
Concen: 0.329 ug/l
RT: 7.877 min Scan# 990
Delta R.T. 0.023 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 42 Resp: 1671
Ion Ratio Lower Upper
42 100
72 0.0 33.0 49.6#
71 9.7 30.4 45.6#

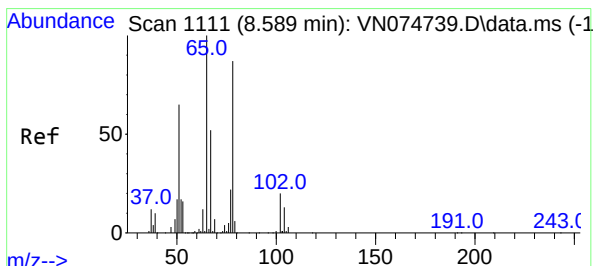
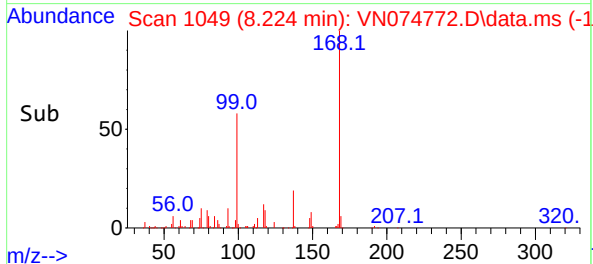
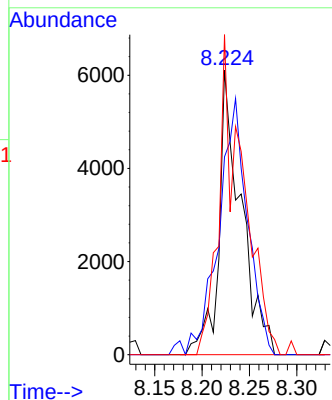
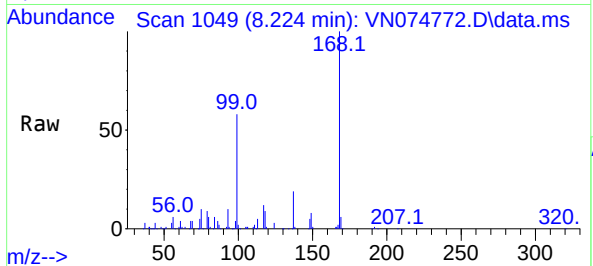




#31
Cyclohexane
Concen: 0.811 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.041 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

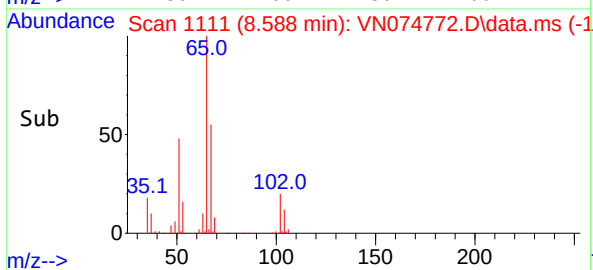
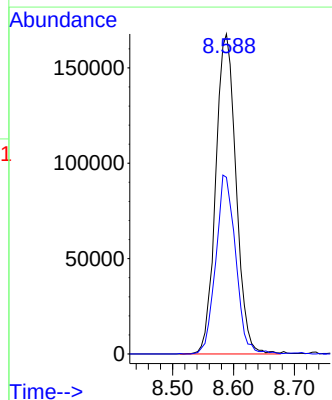
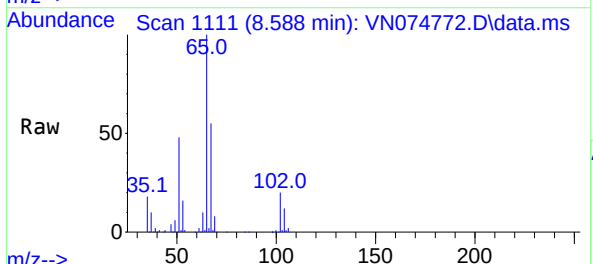
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

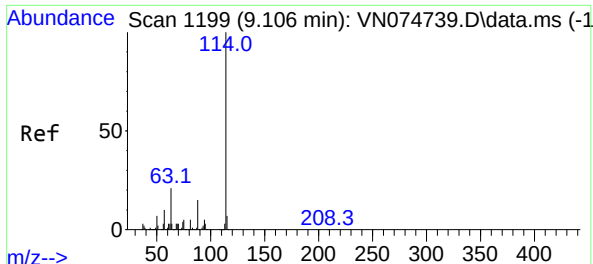
Tgt Ion: 56 Resp: 9930
Ion Ratio Lower Upper
56 100
69 69.6 23.1 34.7#
84 112.5 67.1 100.7#



#33
1,2-Dichloroethane-d4
Concen: 54.895 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 65 Resp: 388909
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

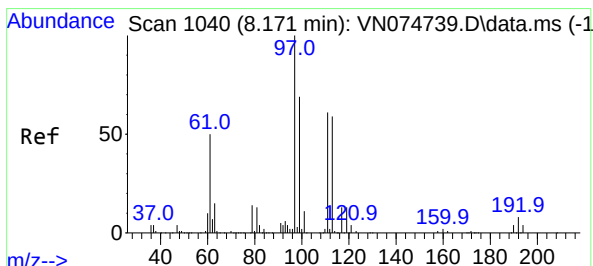
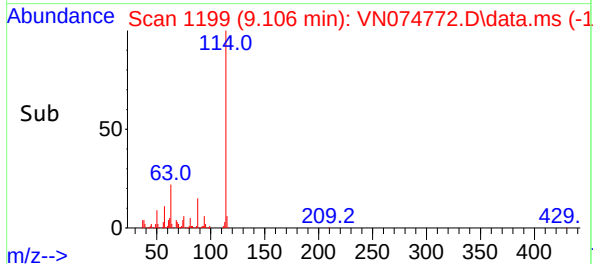
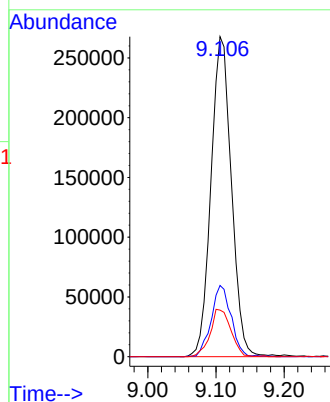
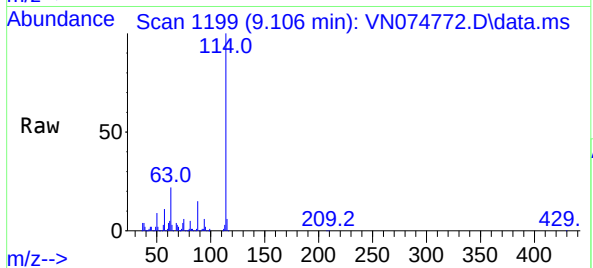




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

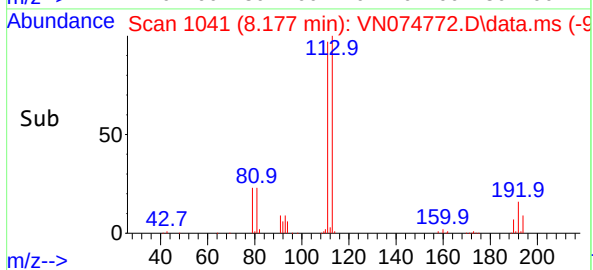
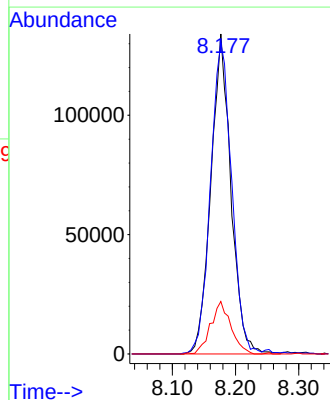
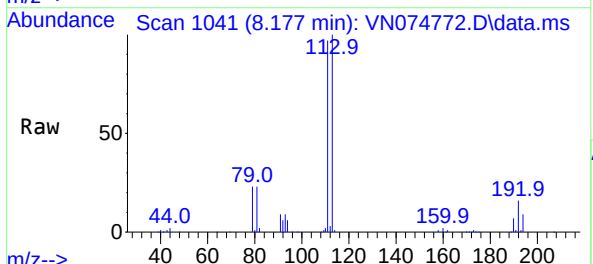
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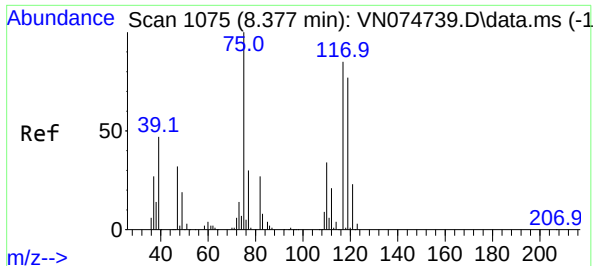
Tgt Ion:114 Resp: 558071
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.2
88 14.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.284 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion:113 Resp: 294802
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.6
192 16.6 12.6 18.8

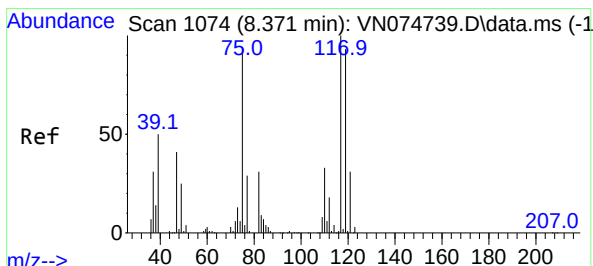
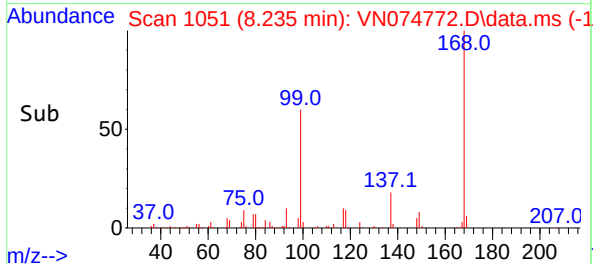
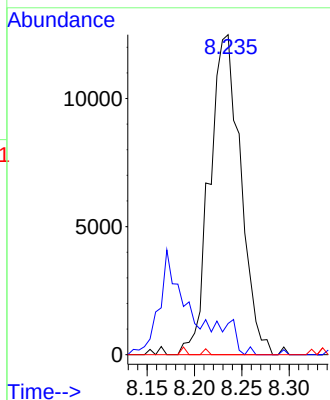
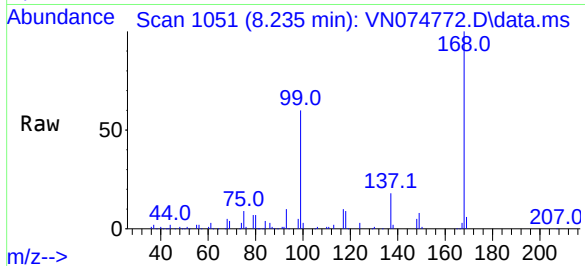




#36
 1,1-Dichloropropene
 Concen: 3.112 ug/l
 RT: 8.235 min Scan# 1051
 Delta R.T. -0.141 min
 Lab File: VN074772.D
 Acq: 06 Oct 2022 10:28

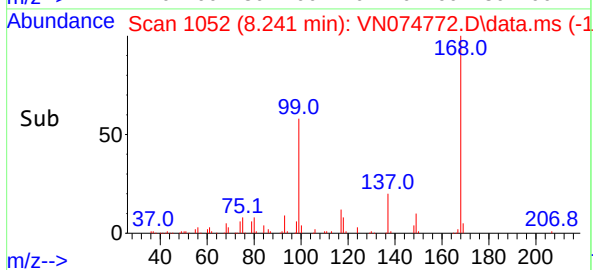
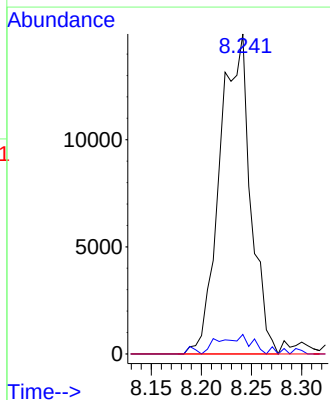
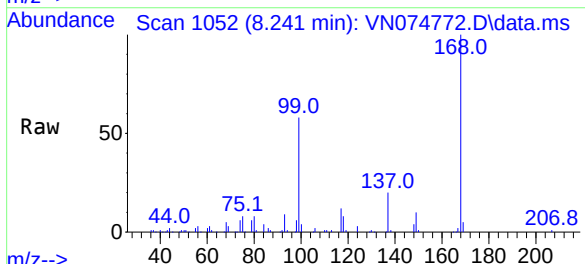
Instrument :
 MSVOA_N
 ClientSampleId :
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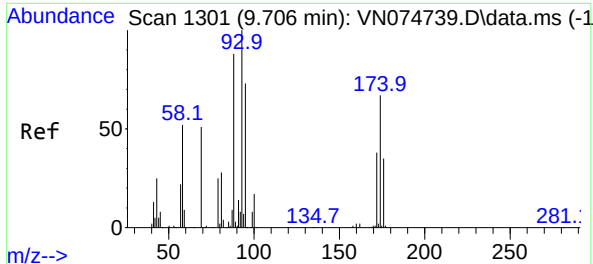
Tgt Ion: 75 Resp: 28400
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.2 51.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 3.691 ug/l
 RT: 8.241 min Scan# 1052
 Delta R.T. -0.130 min
 Lab File: VN074772.D
 Acq: 06 Oct 2022 10:28

Tgt Ion: 117 Resp: 31764
 Ion Ratio Lower Upper
 117 100
 119 6.1 74.3 111.5#
 121 0.0 25.0 37.4#

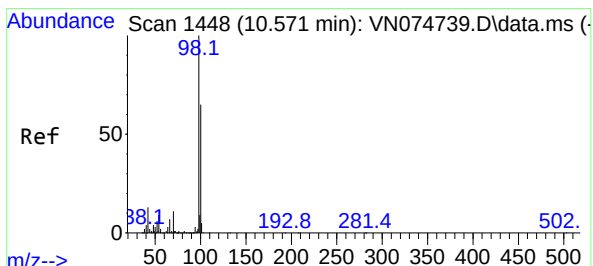
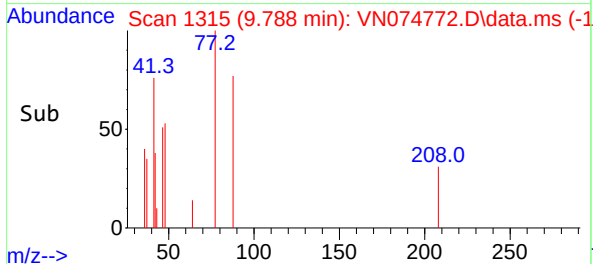
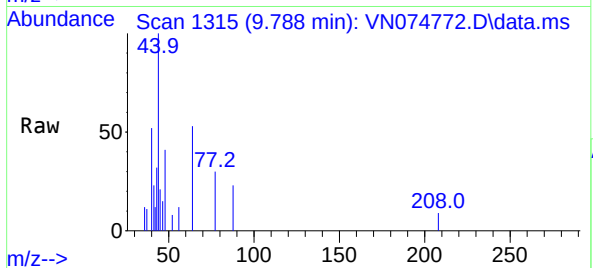




#49
1,4-Dioxane
Concen: 0.715 ug/l
RT: 9.788 min Scan# 11
Delta R.T. 0.082 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

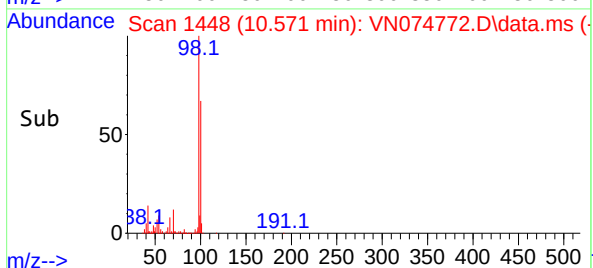
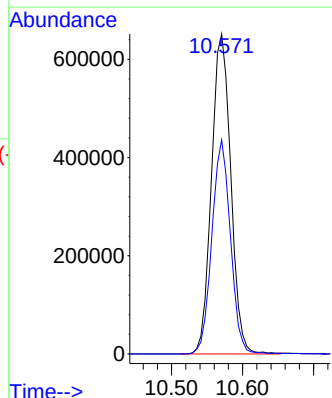
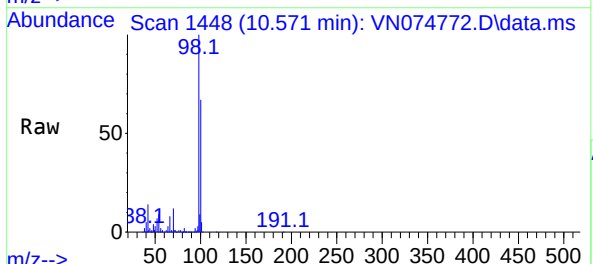
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

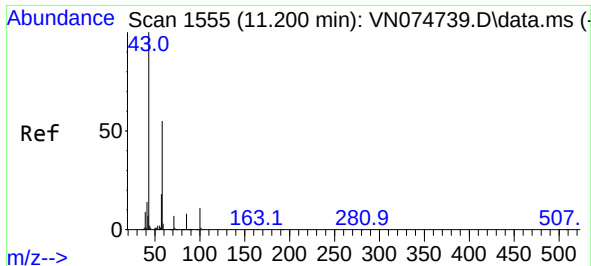
Tgt Ion: 88 Resp: 144
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 54.9 82.3#



#50
Toluene-d8
Concen: 50.763 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 98 Resp: 1228162
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1

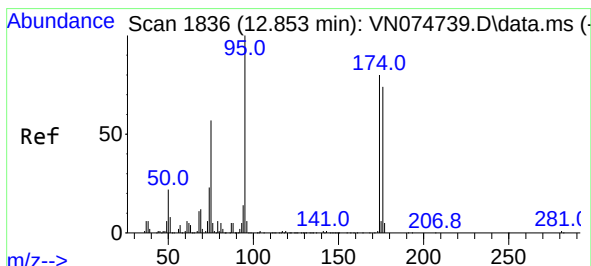
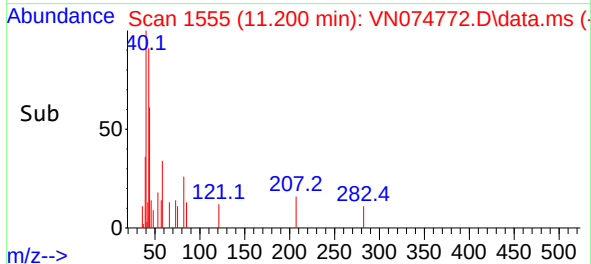
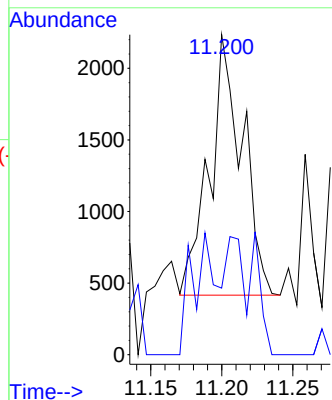
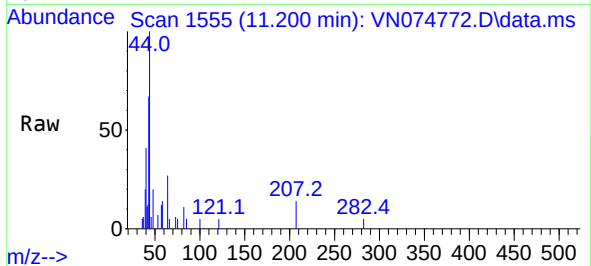




#59
2-Hexanone
Concen: 0.267 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

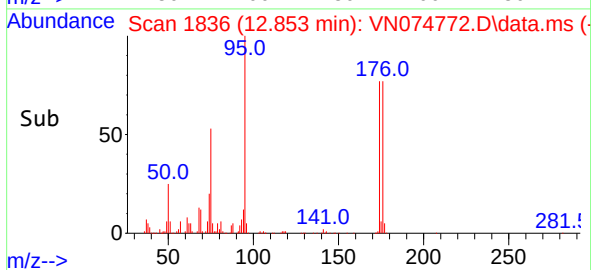
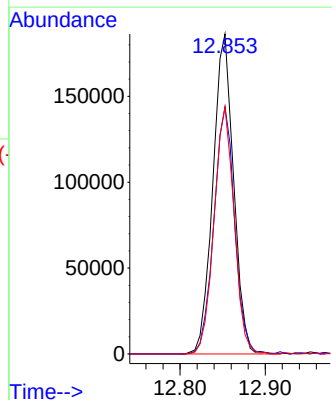
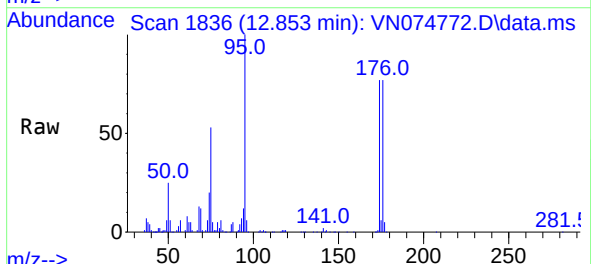
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

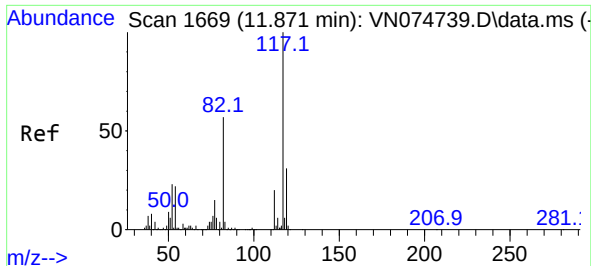
Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
58 34.6 27.3 81.9



#62
4-Bromofluorobenzene
Concen: 42.660 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 95 Resp: 313748
Ion Ratio Lower Upper
95 100
174 77.2 0.0 149.4
176 75.1 0.0 142.0

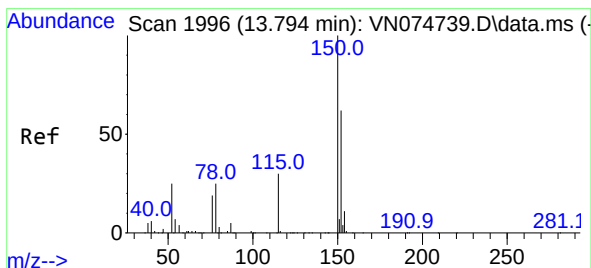
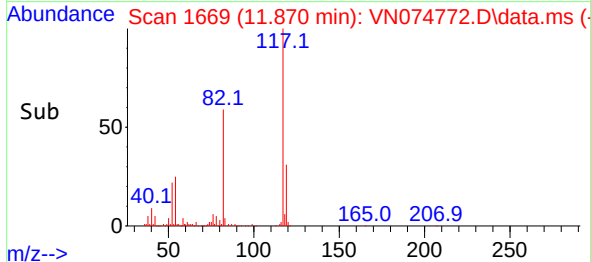
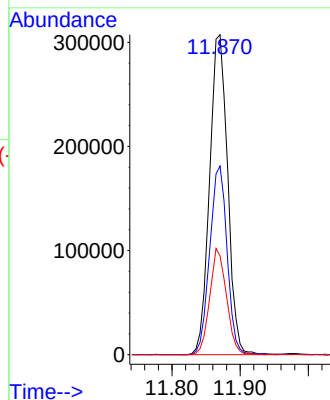
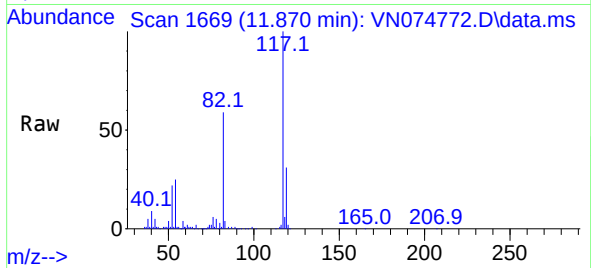




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

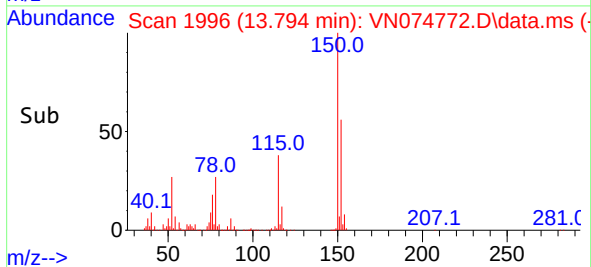
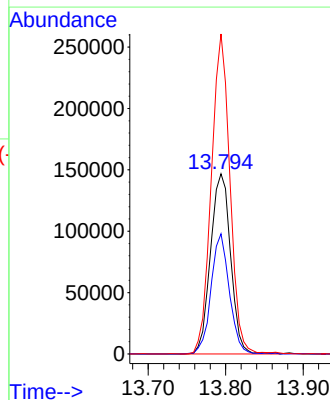
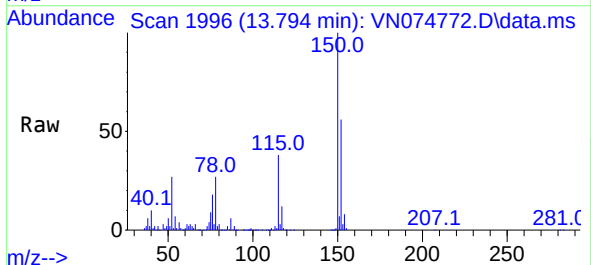
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

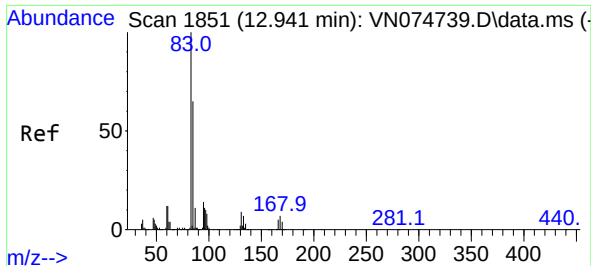
Tgt Ion:117 Resp: 566545
Ion Ratio Lower Upper
117 100
82 59.0 45.4 68.2
119 30.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion:152 Resp: 263934
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 165.0 0.0 356.4

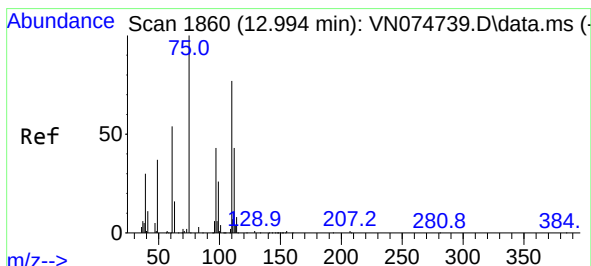
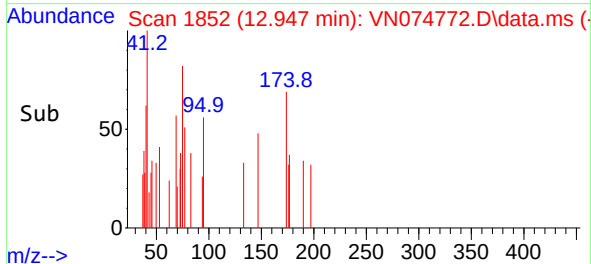
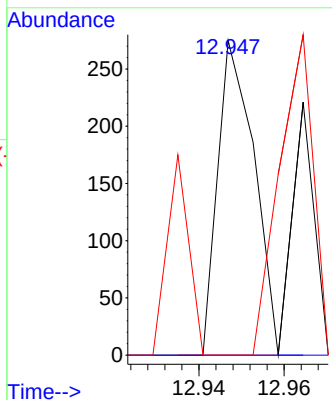
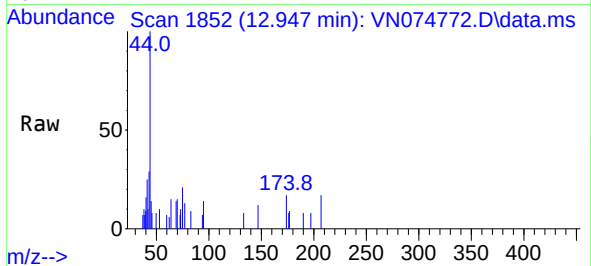




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.947 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

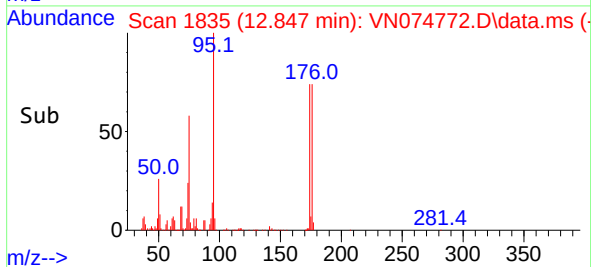
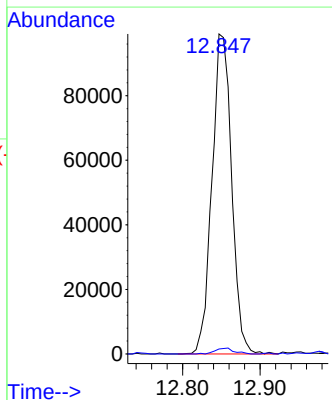
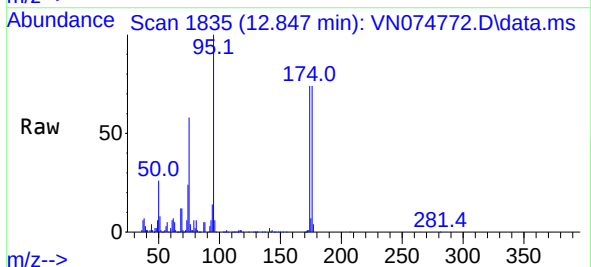
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

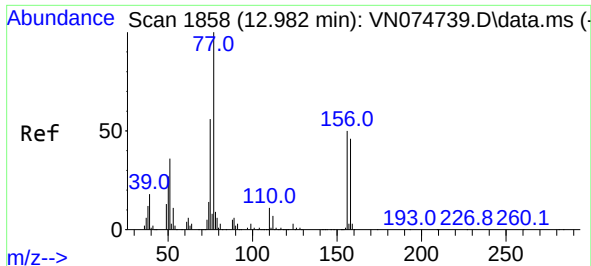
Tgt Ion: 83 Resp: 163
Ion Ratio Lower Upper
83 100
131 0.0 4.3 12.8#
85 38.0 32.9 98.6



#76
1,2,3-Trichloropropane
Concen: 22.198 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion: 75 Resp: 174871
Ion Ratio Lower Upper
75 100
77 1.8 76.9 230.7#

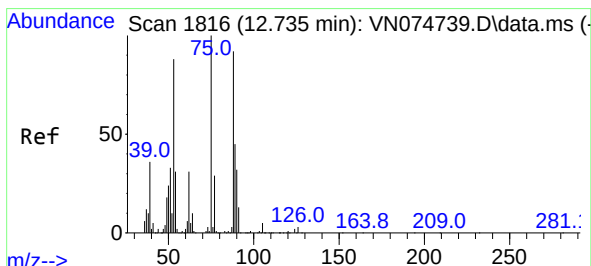
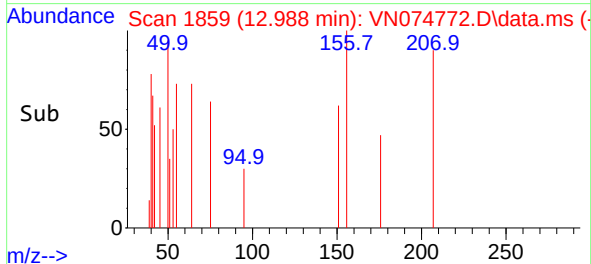
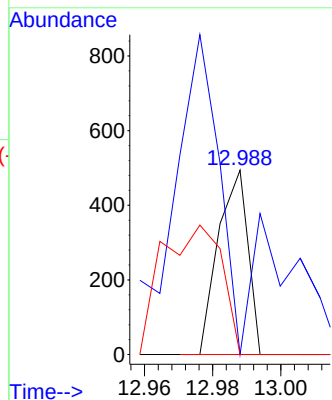
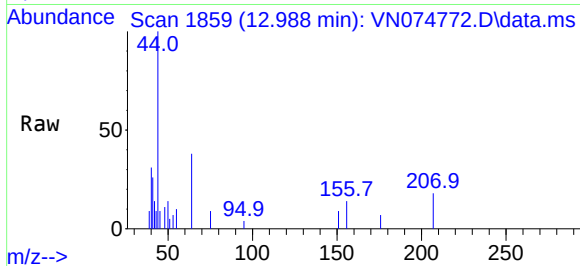




#77
Bromobenzene
Concen: Below Cal
RT: 12.988 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

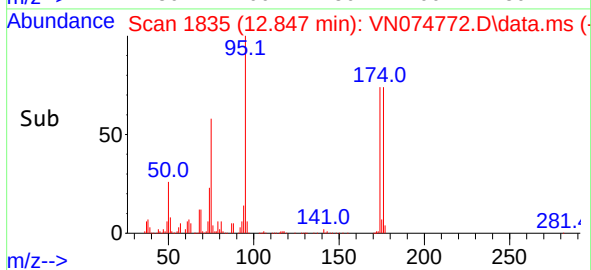
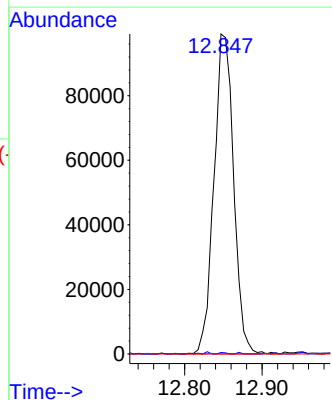
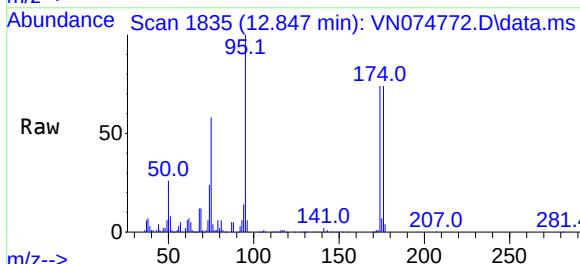
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

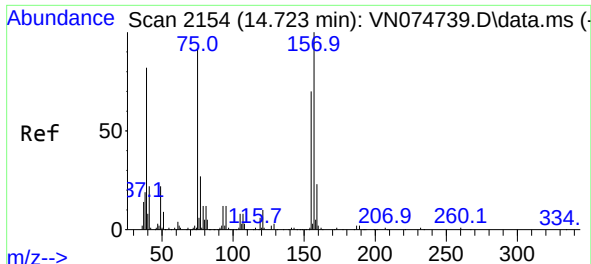
Tgt Ion:	156	Resp:	298
Ion	Ratio	Lower	Upper
156	100		
77	225.5	124.7	374.1
158	142.3	48.3	144.9



#81
trans-1,4-Dichloro-2-butene
Concen: 43.250 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion:	75	Resp:	174871
Ion	Ratio	Lower	Upper
75	100		
53	0.2	71.4	107.0#
89	0.0	32.1	48.1#

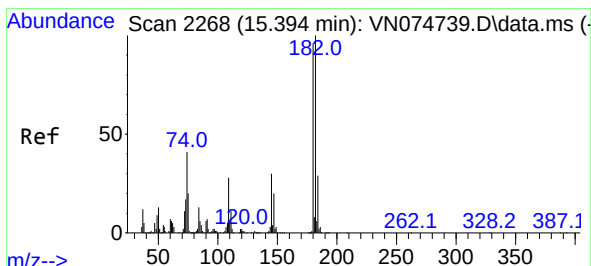
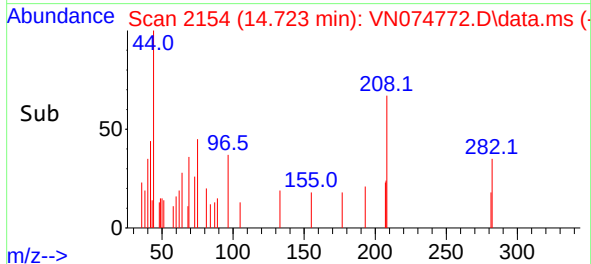
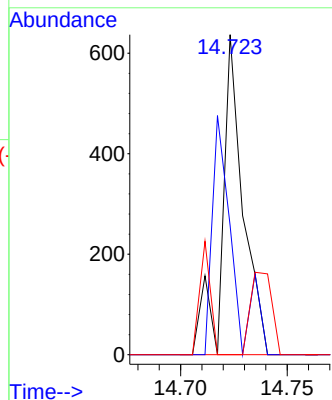
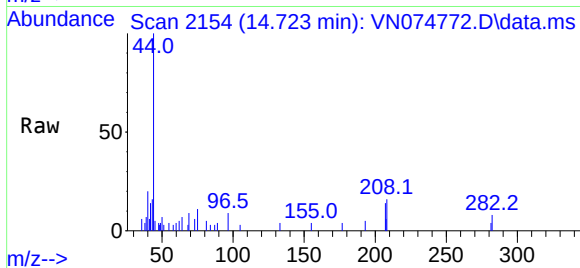




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.206 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

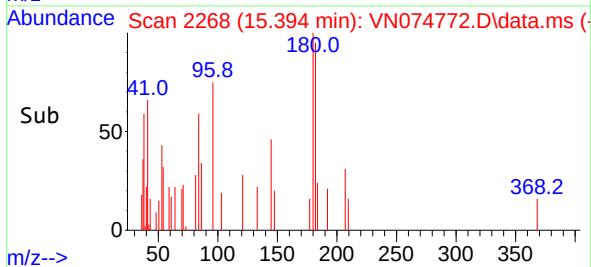
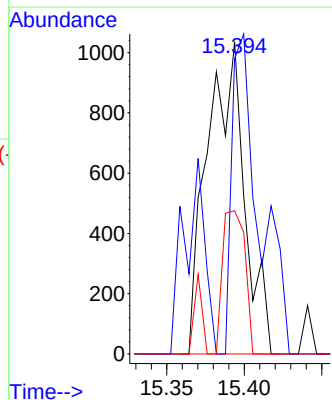
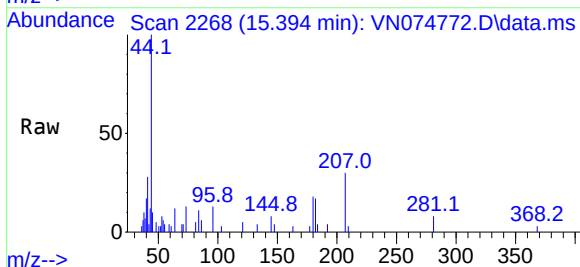
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

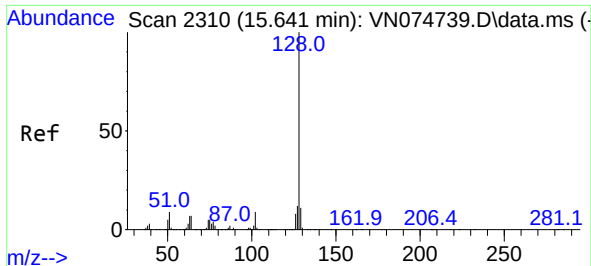
Tgt Ion: 75 Resp: 434
Ion Ratio Lower Upper
75 100
155 72.6 40.3 120.8
157 18.4 51.3 153.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.407 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion:180 Resp: 1727
Ion Ratio Lower Upper
180 100
182 75.5 48.5 145.5
145 27.5 16.1 48.3

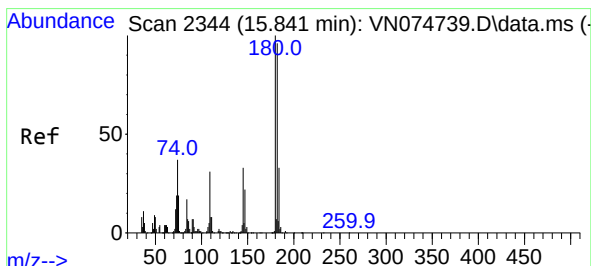
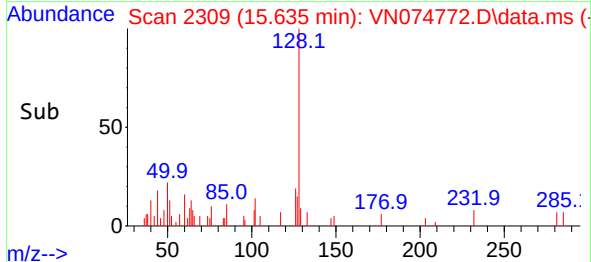
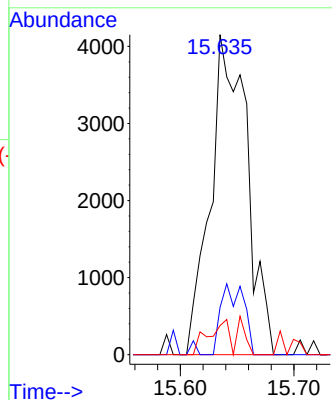
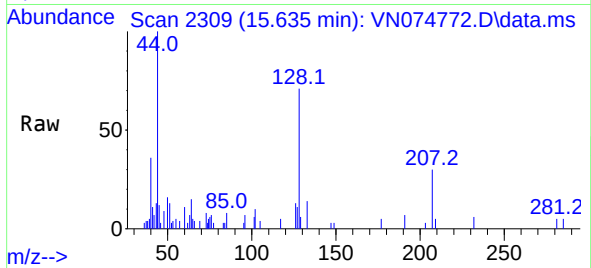




#95
Naphthalene
Concen: 0.507 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

Tgt Ion:128 Resp: 9302
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 6.1 9.0 13.4#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.835 min Scan# 2343
Delta R.T. -0.006 min
Lab File: VN074772.D
Acq: 06 Oct 2022 10:28

Tgt Ion:180 Resp: 639
Ion Ratio Lower Upper
180 100
182 205.9 47.3 142.0#
145 145.2 17.1 51.2#

