

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074508.D
 Acq On : 16 Sep 2022 14:20
 Operator : JC\MD
 Sample : N4626-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW5-GW-358-360RE

Quant Time: Sep 16 16:15:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

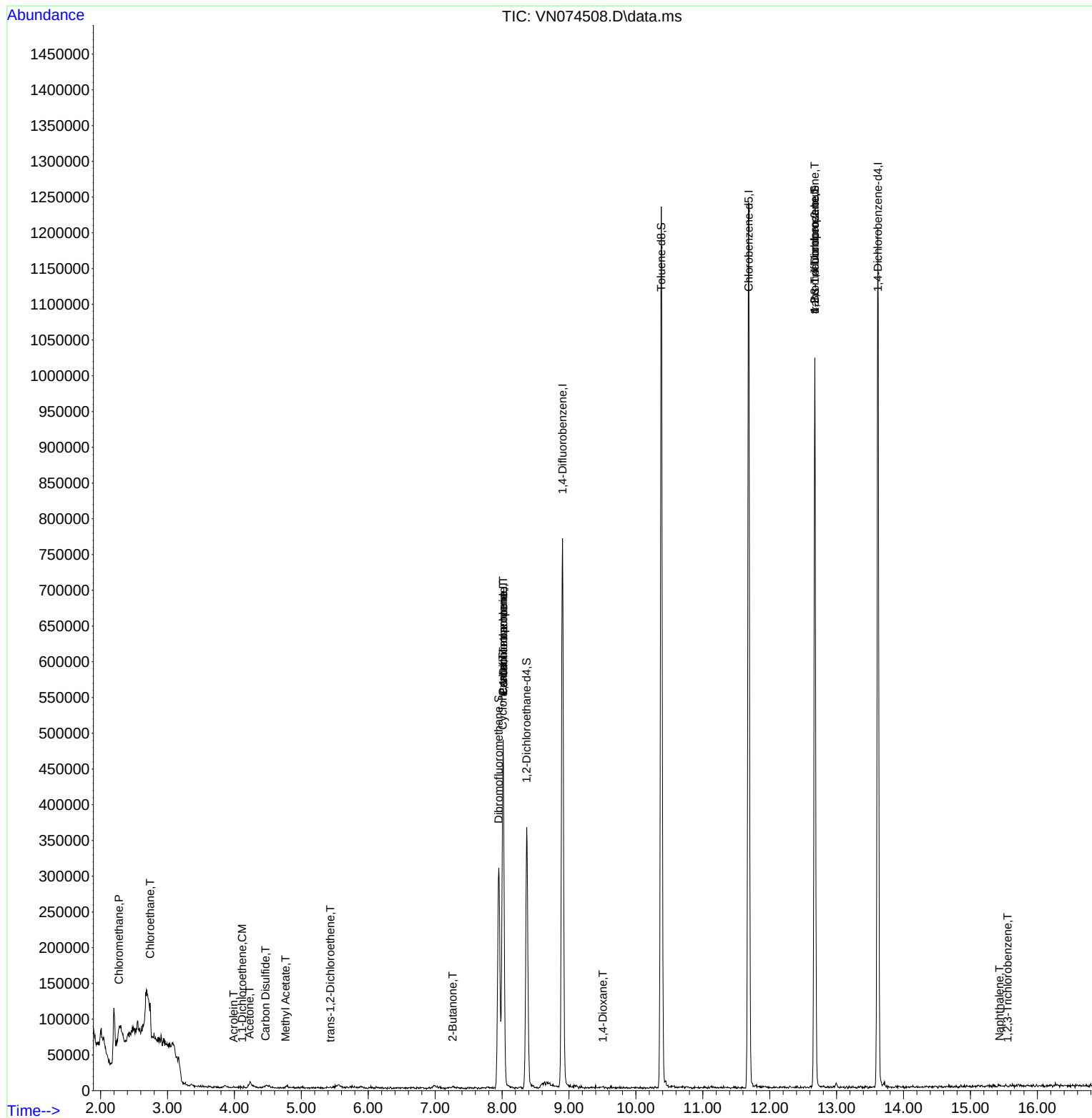
Internal Standards						
1) Pentafluorobenzene	8.016	168	339718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	641443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	646654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	280681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	266082	46.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.320%
35) Dibromofluoromethane	7.951	113	222450	52.206	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	10.380	98	798459	48.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.674	95	313188	55.491	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.980%
Target Compounds						Qvalue
3) Chloromethane	2.275	50	2021	0.582	ug/l #	83
6) Chloroethane	2.740	64	9387	2.065	ug/l #	42
12) 1,1-Dichloroethene	4.116	96	368	0.766	ug/l #	1
13) Acrolein	3.987	56	261	0.381	ug/l #	1
16) Acetone	4.228	43	8175	2.216	ug/l	97
17) Carbon Disulfide	4.463	76	3730	0.304	ug/l #	75
18) Methyl Acetate	4.763	43	2392	0.209	ug/l #	63
21) trans-1,2-Dichloroethene	5.434	96	385	0.507	ug/l #	1
25) 2-Butanone	7.263	43	3336	0.545	ug/l #	45
28) Bromochloromethane	7.457	49	58	Below Cal	#	8
31) Cyclohexane	8.010	56	10264	1.003	ug/l #	56
36) 1,1-Dichloropropene	8.016	75	33554	4.449	ug/l #	48
38) Carbon Tetrachloride	8.016	117	36874	5.295	ug/l #	15
49) 1,4-Dioxane	9.504	88	1148	7.381	ug/l #	90
76) 1,2,3-Trichloropropane	12.674	75	188036	21.765	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	188036	46.975	ug/l #	10
95) Naphthalene	15.433	128	1535	1.651	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.556	180	102	1.354	ug/l #	12

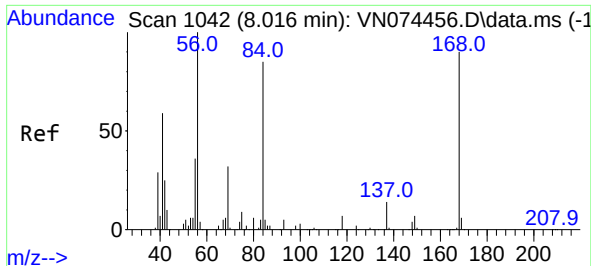
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
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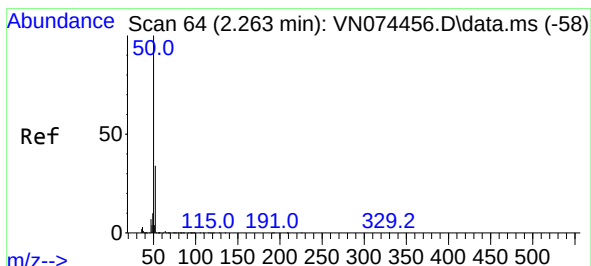
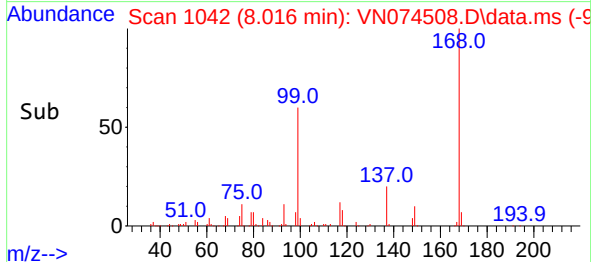
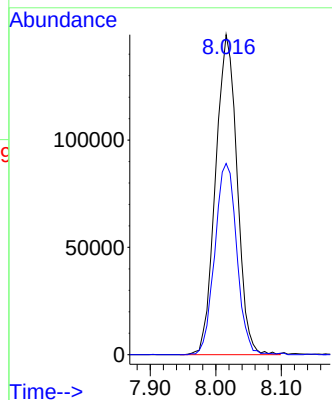
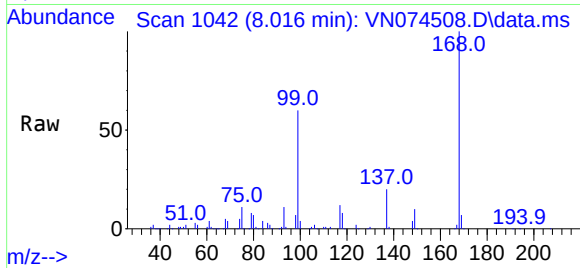




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

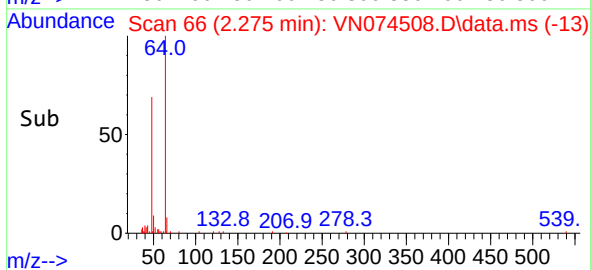
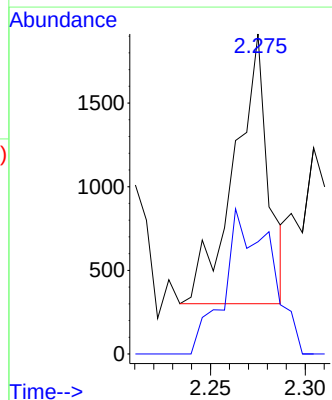
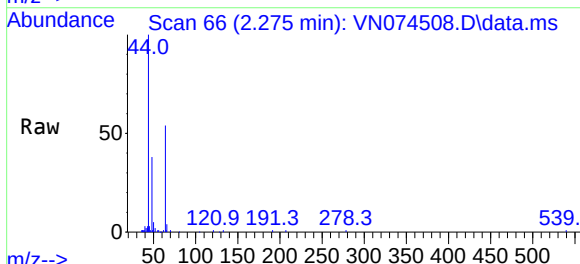
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

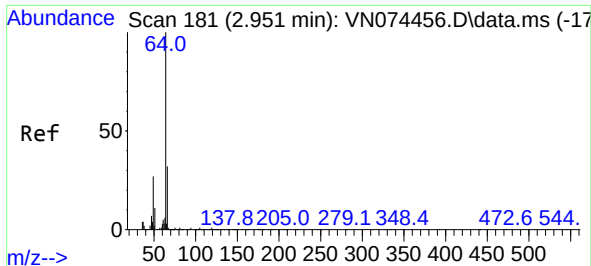
Tgt Ion:168 Resp: 339718
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#3
Chloromethane
Concen: 0.582 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 50 Resp: 2021
Ion Ratio Lower Upper
50 100
52 41.6 25.7 38.5#

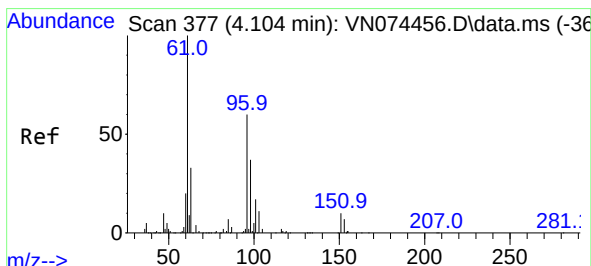
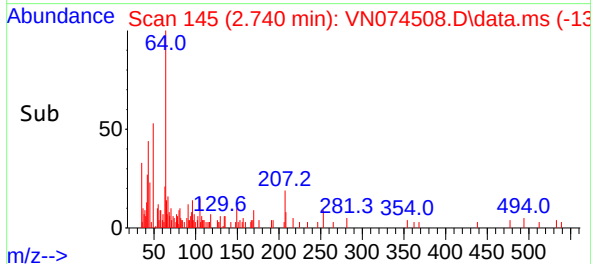
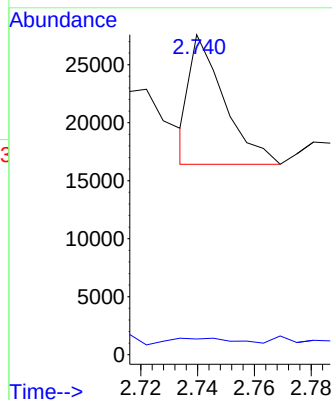
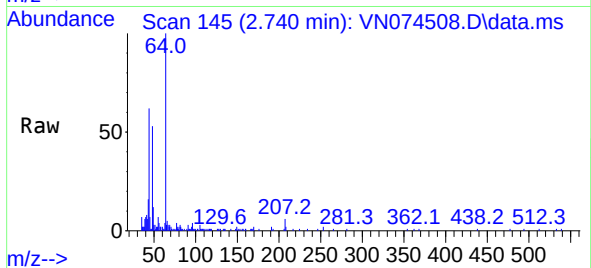




#6
Chloroethane
Concen: 2.065 ug/l
RT: 2.740 min Scan# 14
Delta R.T. -0.211 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

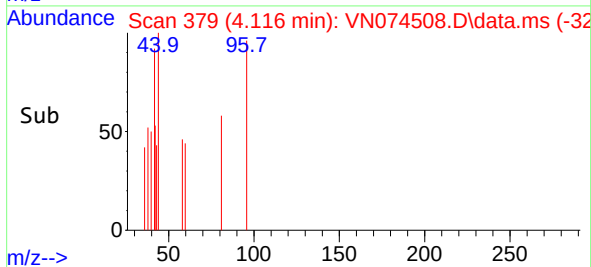
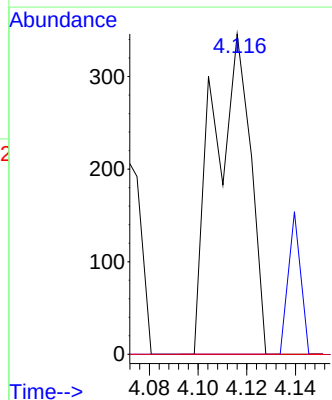
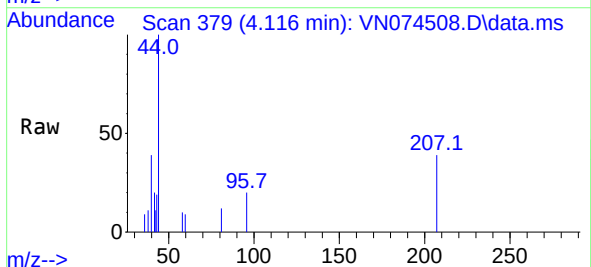
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

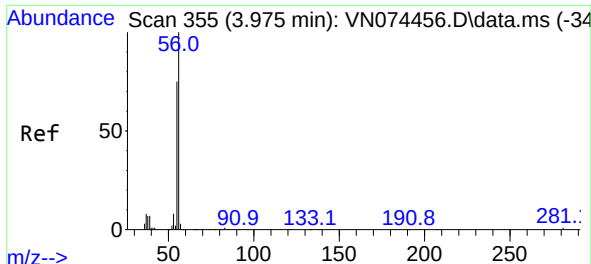
Tgt Ion: 64 Resp: 9387
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.766 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 96 Resp: 368
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

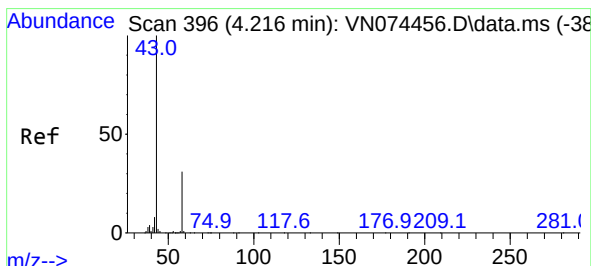
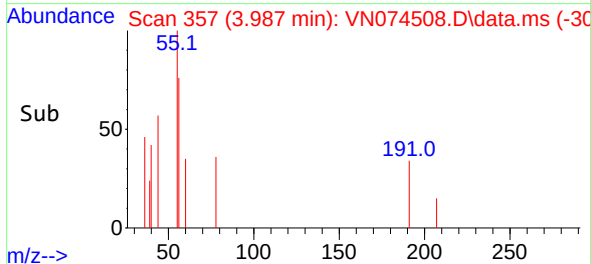
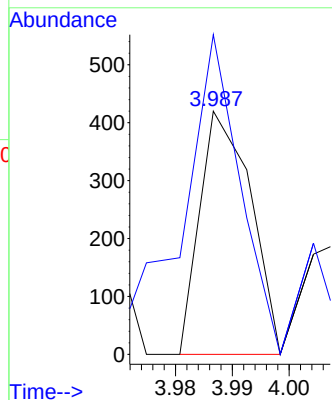
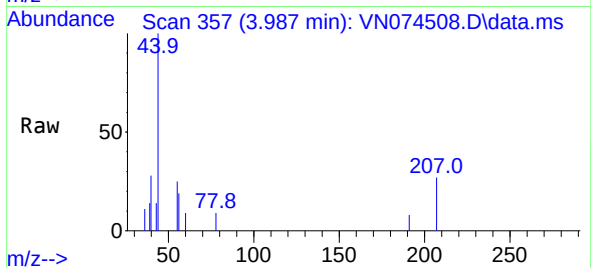




#13
Acrolein
Concen: 0.381 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.012 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

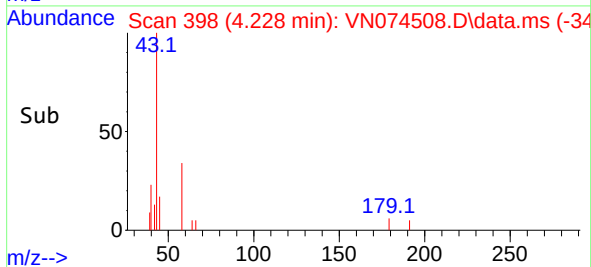
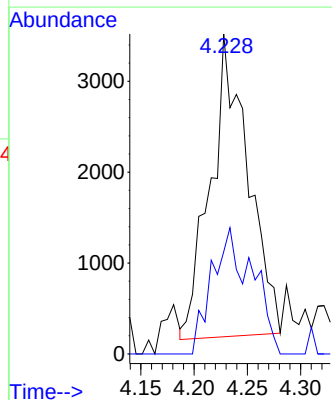
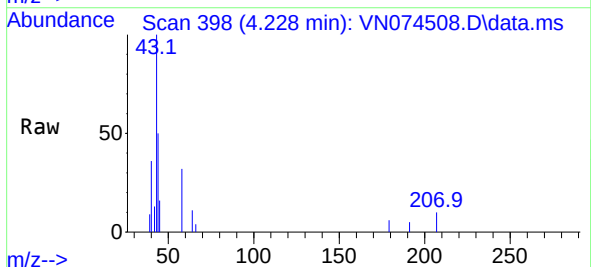
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

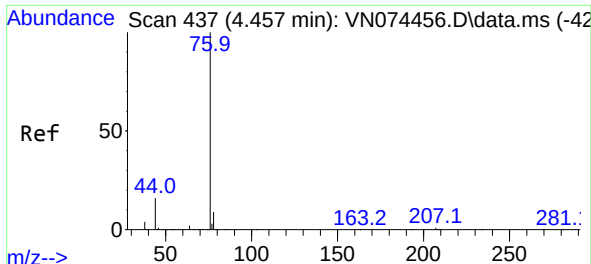
Tgt Ion: 56 Resp: 261
Ion Ratio Lower Upper
56 100
55 176.6 54.8 82.2#



#16
Acetone
Concen: 2.216 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.012 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 43 Resp: 8175
Ion Ratio Lower Upper
43 100
58 34.2 26.0 39.0

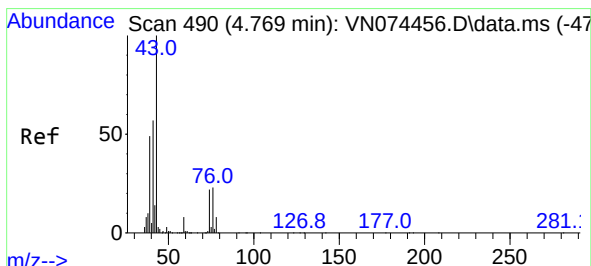
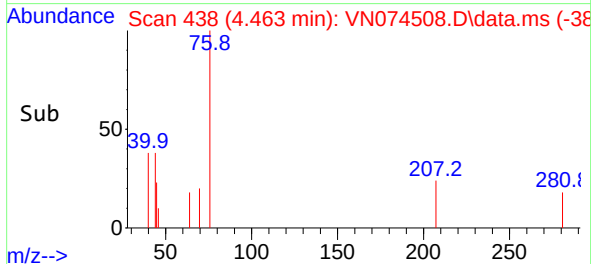
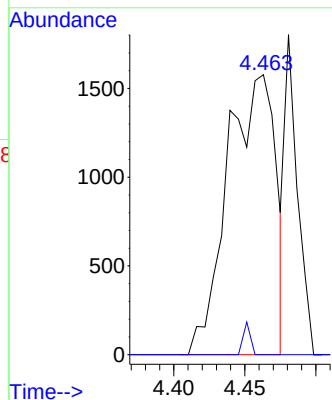
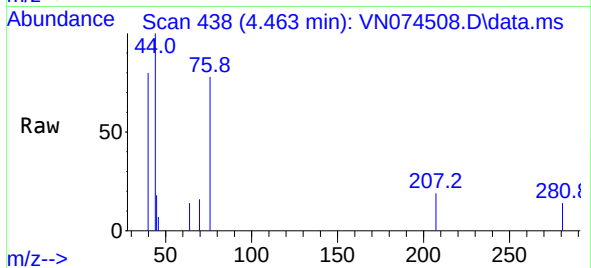




#17
Carbon Disulfide
Concen: 0.304 ug/l
RT: 4.463 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

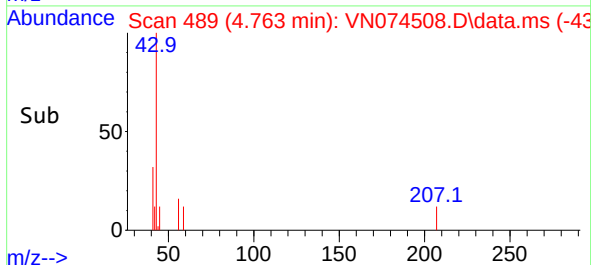
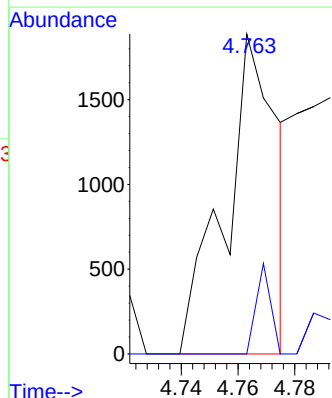
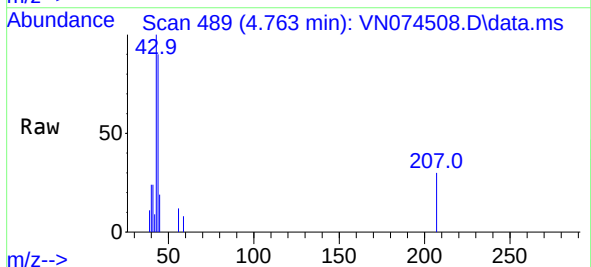
Instrument :
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ClientSampleId :
BP-VPB-RW5-GW-358-360RE

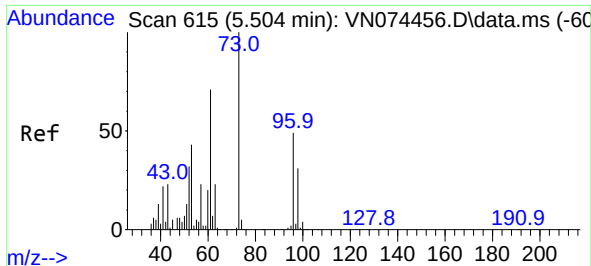
Tgt Ion: 76 Resp: 3730
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.006 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
74 7.9 21.6 32.4#

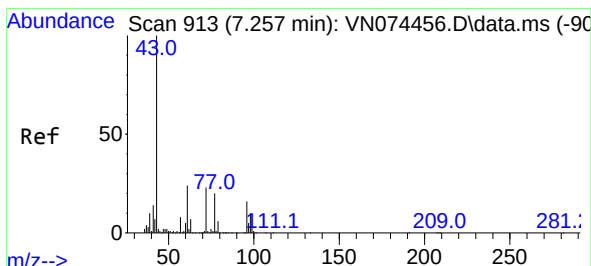
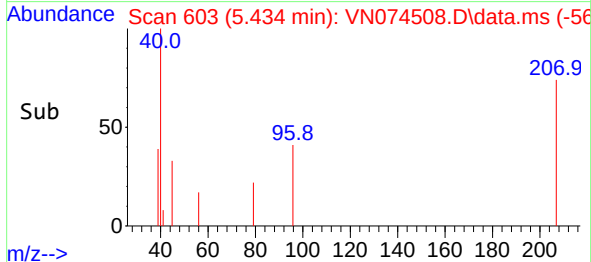
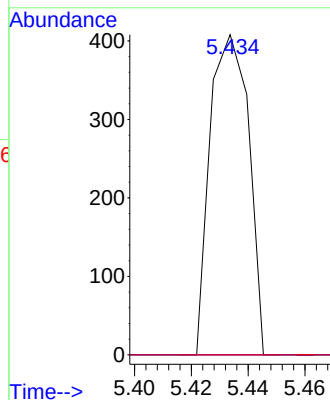
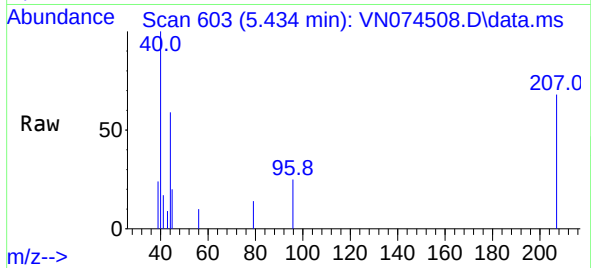




#21
trans-1,2-Dichloroethene
Concen: 0.507 ug/l
RT: 5.434 min Scan# 603
Delta R.T. -0.070 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

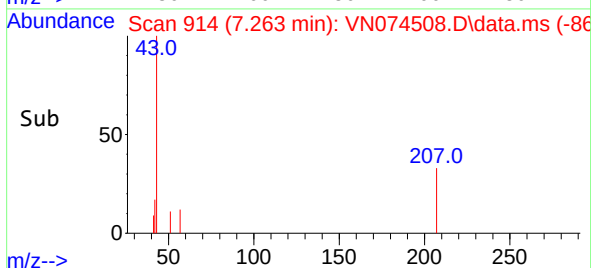
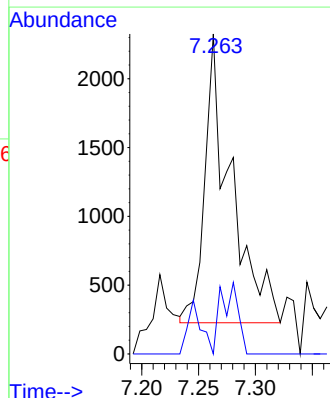
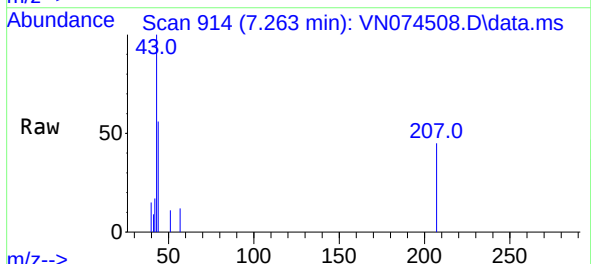
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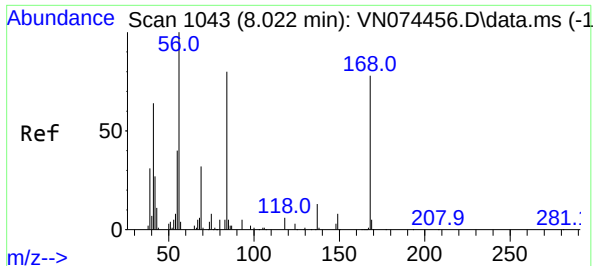
Tgt Ion: 96 Resp: 385
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#25
2-Butanone
Concen: 0.545 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

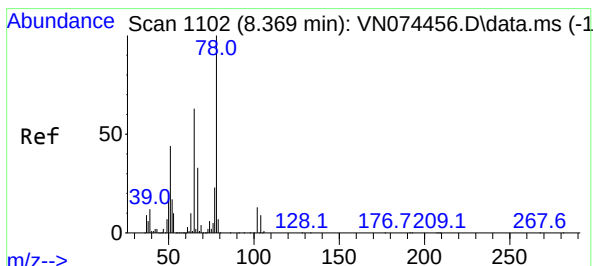
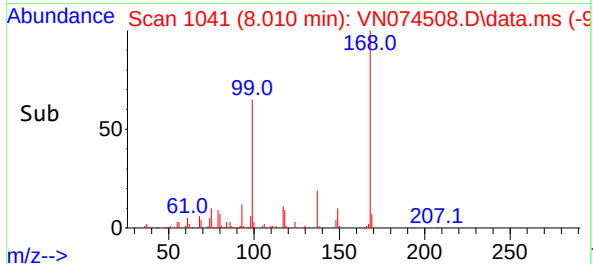
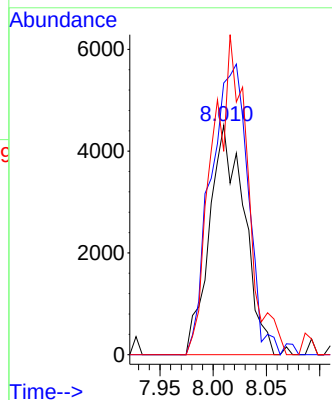
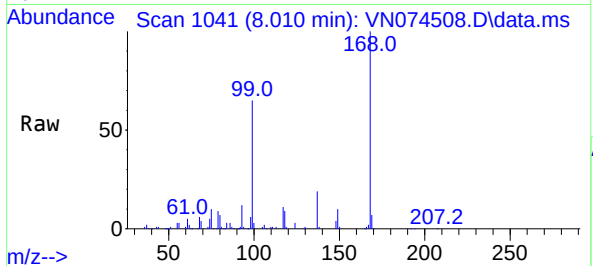




#31
Cyclohexane
Concen: 1.003 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

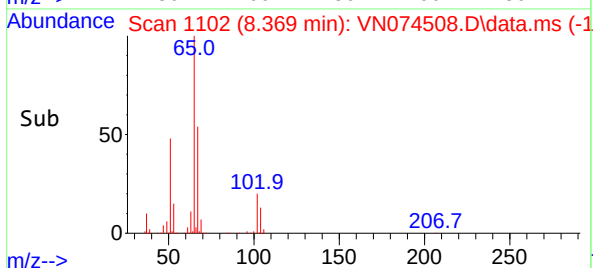
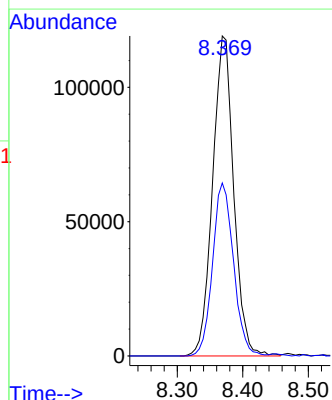
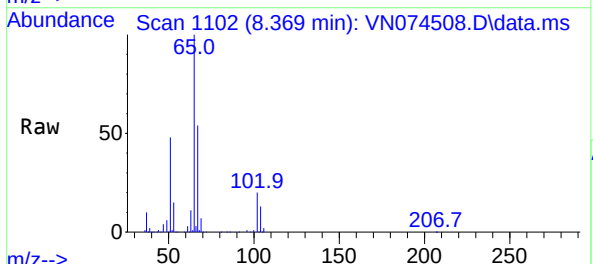
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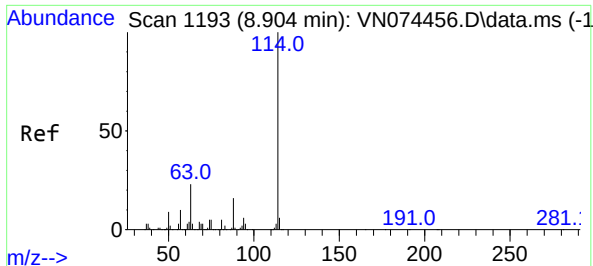
Tgt Ion: 56 Resp: 10264
Ion Ratio Lower Upper
56 100
69 118.5 27.8 41.8#
84 88.7 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.162 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 65 Resp: 266082
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8

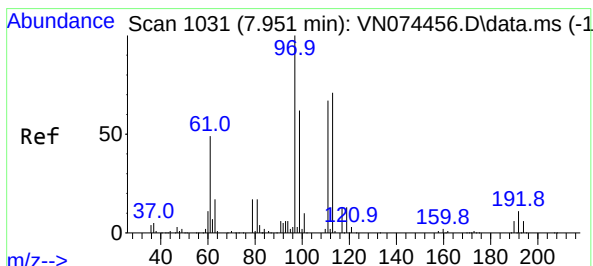
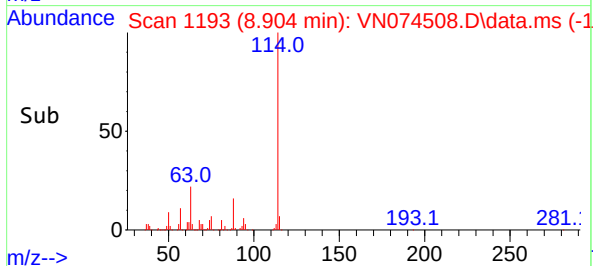
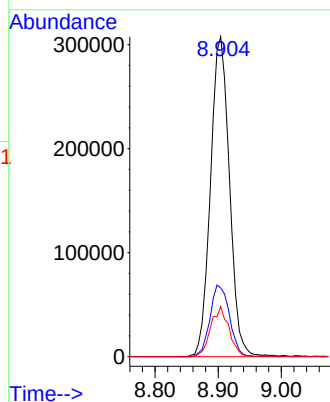
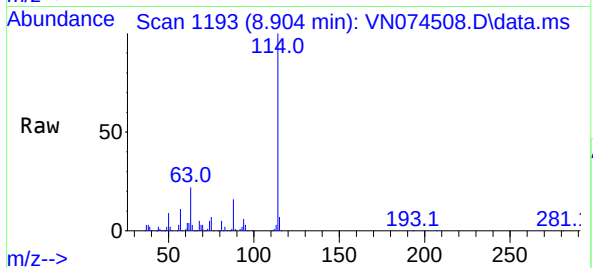




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

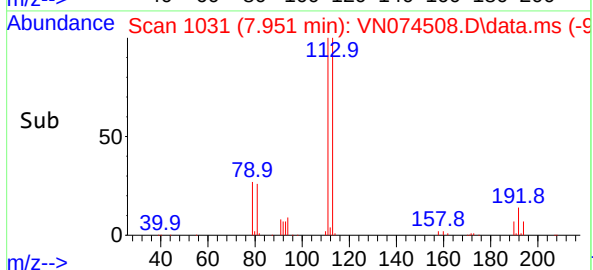
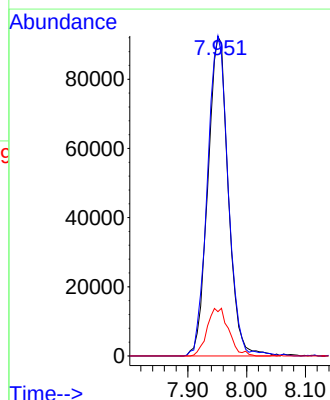
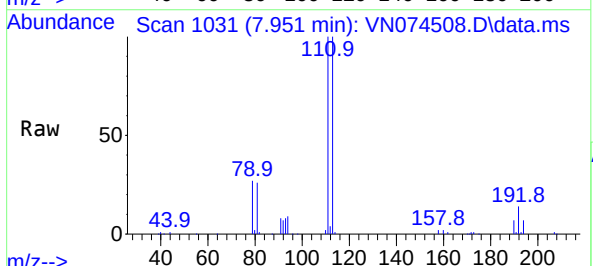
Instrument :
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ClientSampleId :
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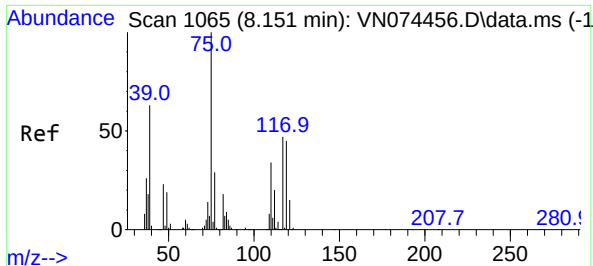
Tgt Ion:	114	Resp:	641443
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	40.0
88	15.7	0.0	32.6



#35
Dibromofluoromethane
Concen: 52.206 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion:	113	Resp:	222450
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	15.8	17.0	25.6

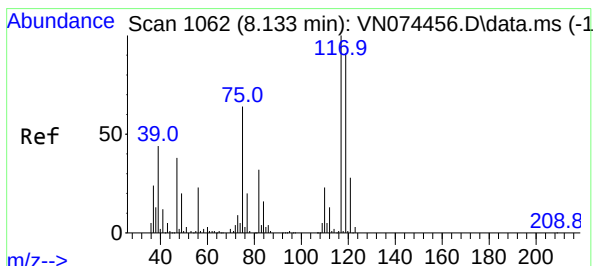
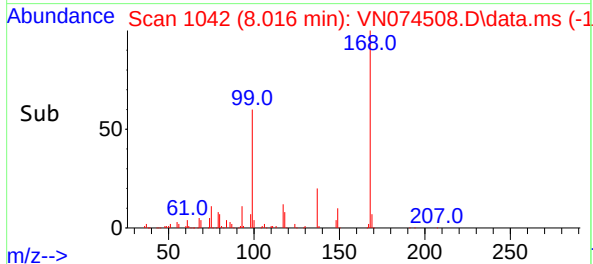
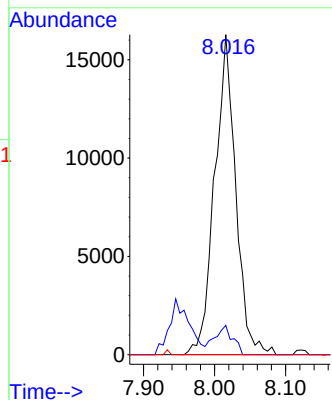
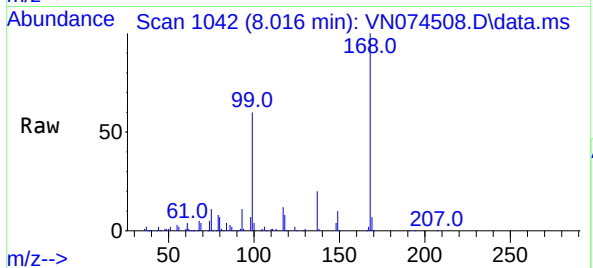




#36
1,1-Dichloropropene
Concen: 4.449 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

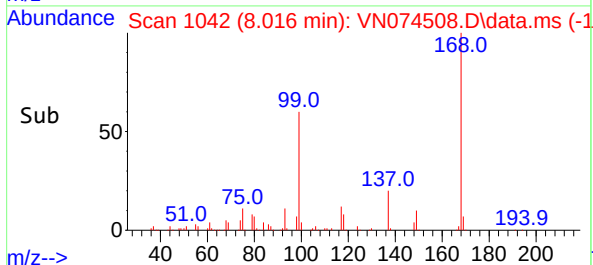
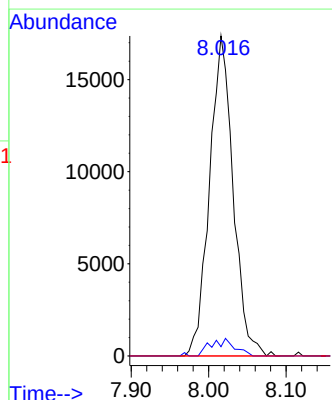
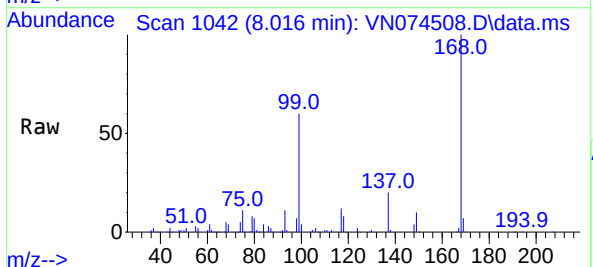
Instrument : MSVOA_N
ClientSampleId : BP-VPB-RW5-GW-358-360RE

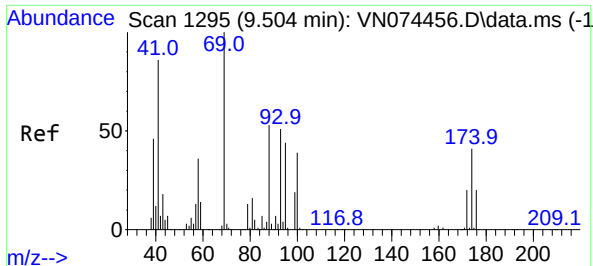
Tgt Ion: 75 Resp: 33554
Ion Ratio Lower Upper
75 100
110 7.8 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 117 Resp: 36874
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.8#
121 0.0 24.6 37.0#

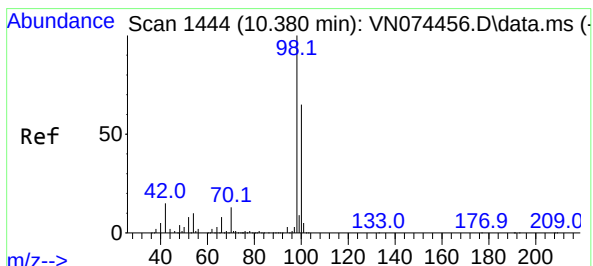
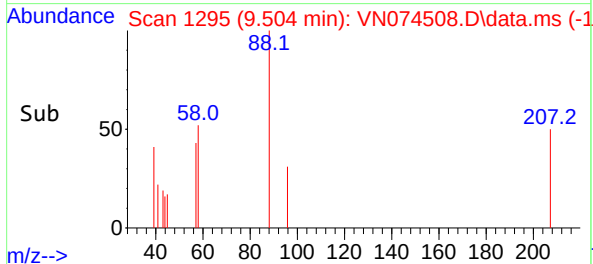
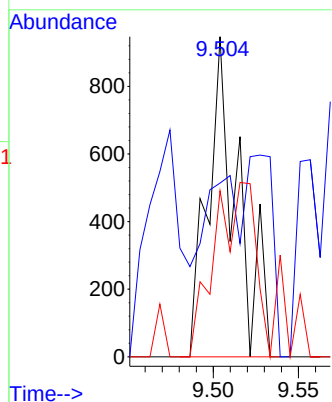
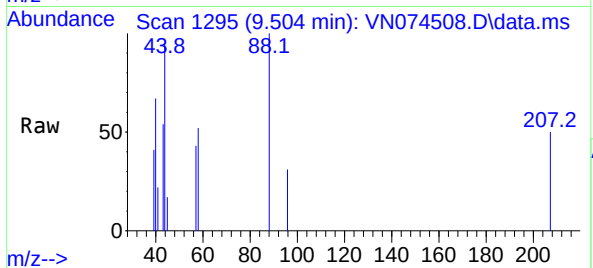




#49
1,4-Dioxane
Concen: 7.381 ug/l
RT: 9.504 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

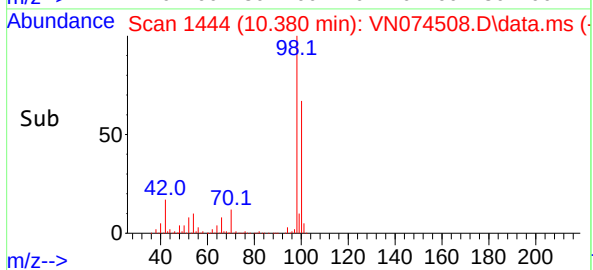
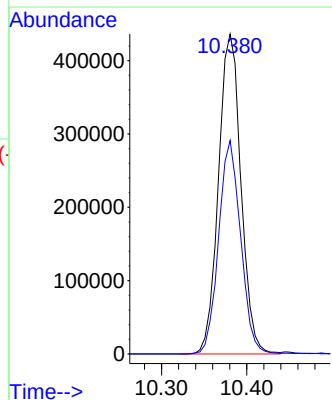
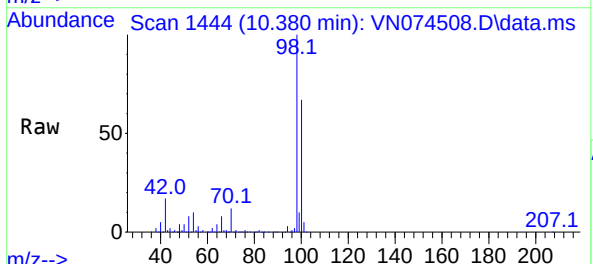
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

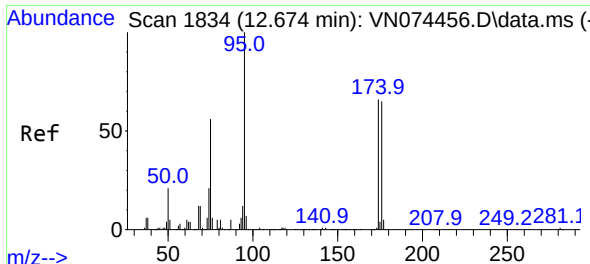
Tgt Ion: 88 Resp: 1148
Ion Ratio Lower Upper
88 100
43 31.1 20.2 30.4#
58 75.0 54.2 81.4



#50
Toluene-d8
Concen: 48.454 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 98 Resp: 798459
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

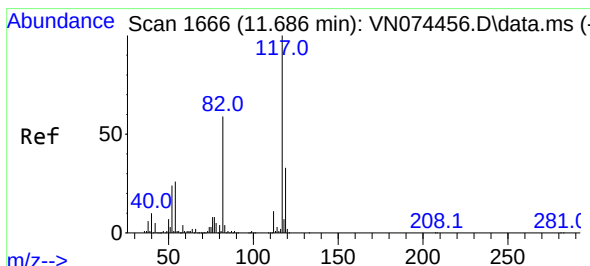
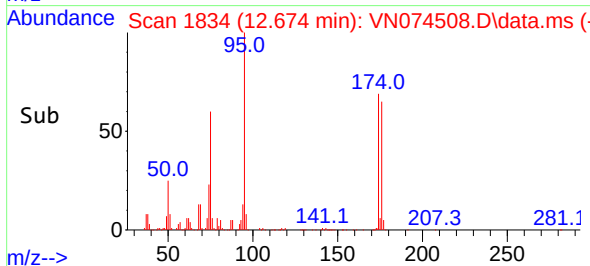
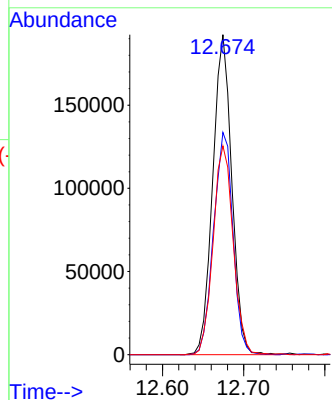
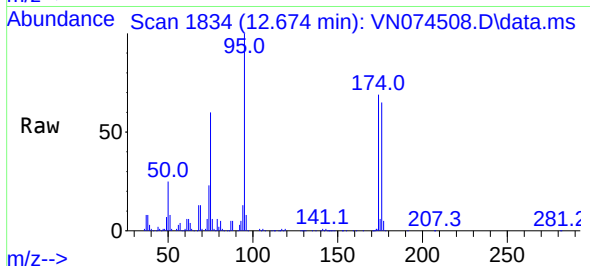




#62
4-Bromofluorobenzene
Concen: 55.491 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

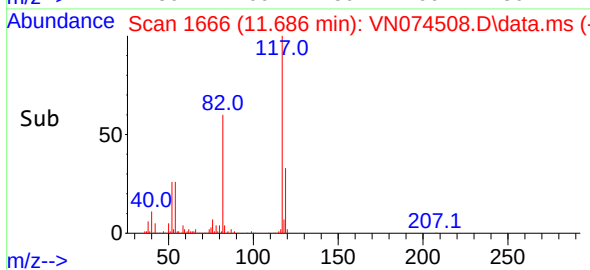
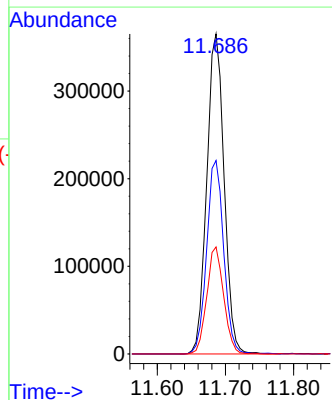
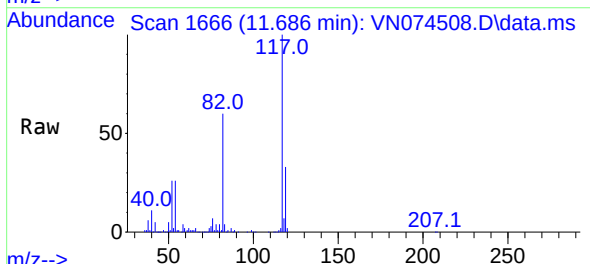
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

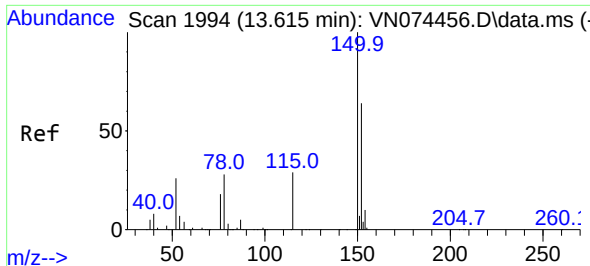
Tgt Ion: 95 Resp: 313188
Ion Ratio Lower Upper
95 100
174 70.8 0.0 167.6
176 68.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 117 Resp: 646654
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 33.5 25.4 38.0

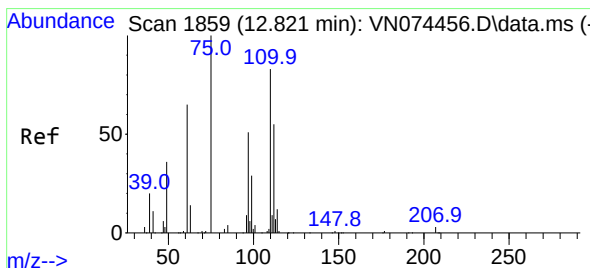
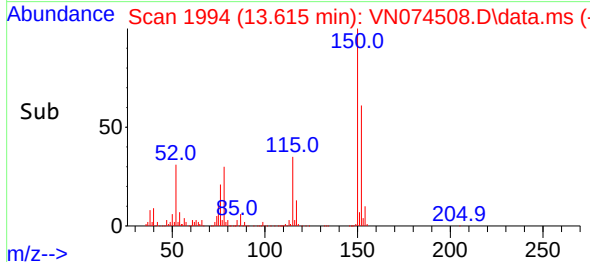
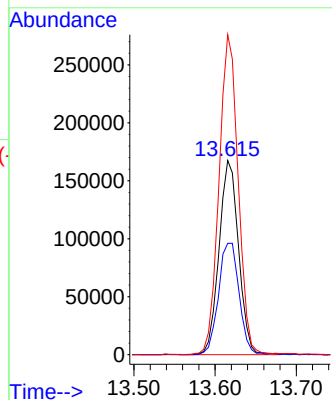
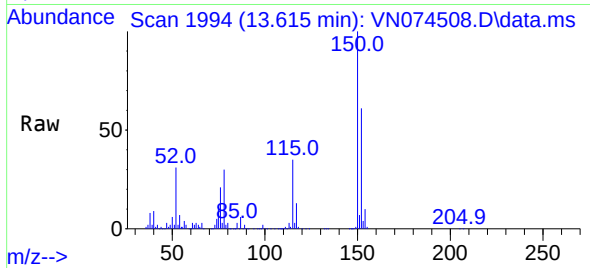




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

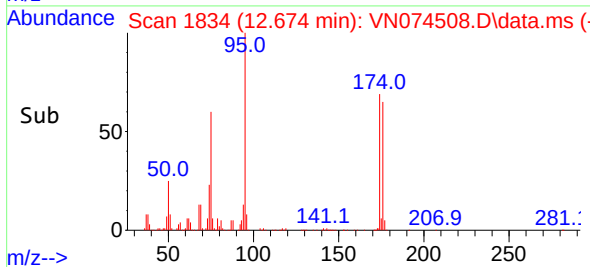
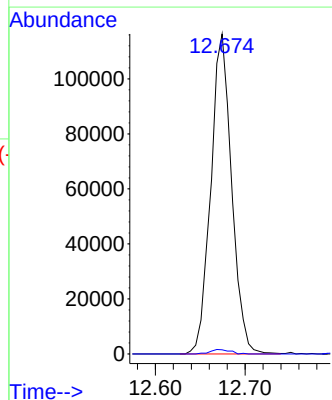
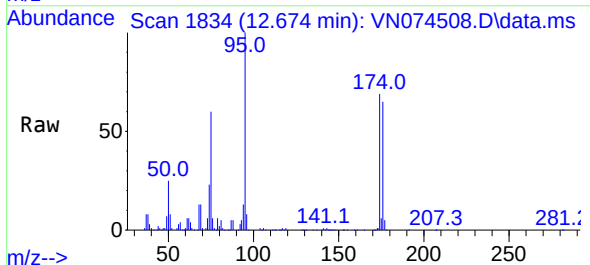
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

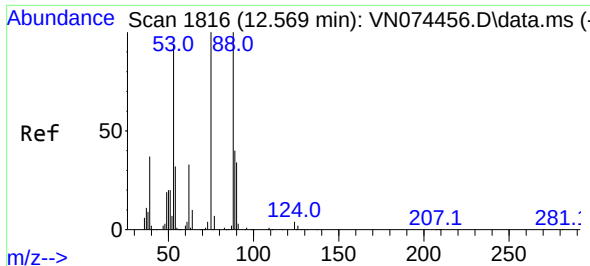
Tgt Ion:152 Resp: 280681
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.7
150 161.1 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 21.765 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion: 75 Resp: 188036
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

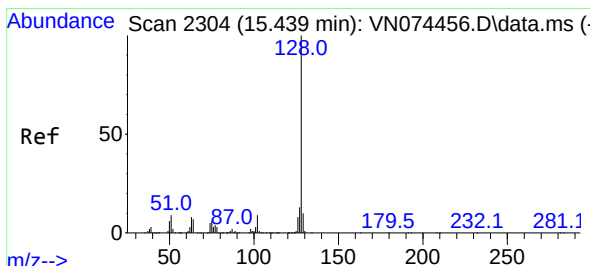
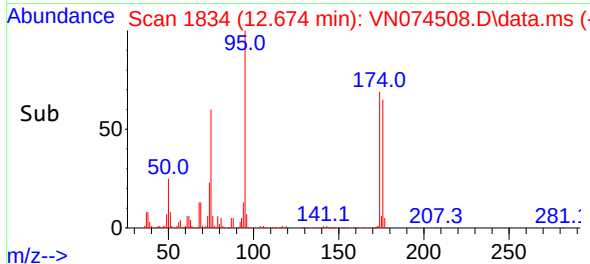
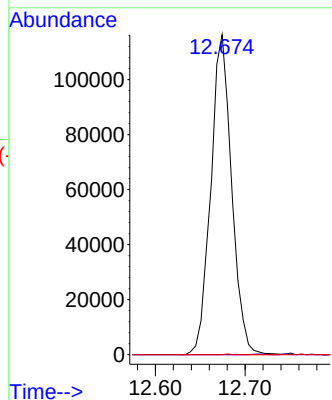
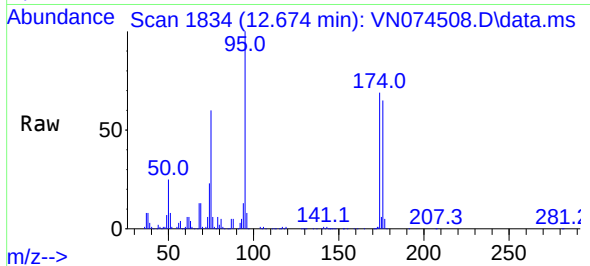




#81
trans-1,4-Dichloro-2-butene
Concen: 46.975 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

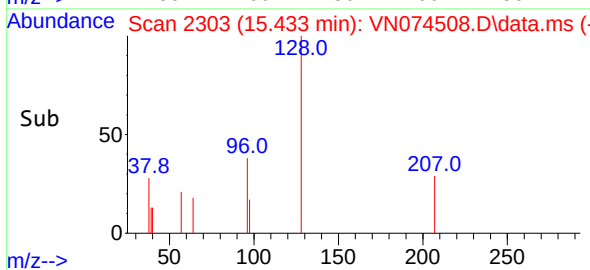
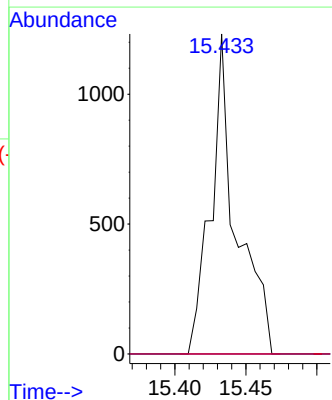
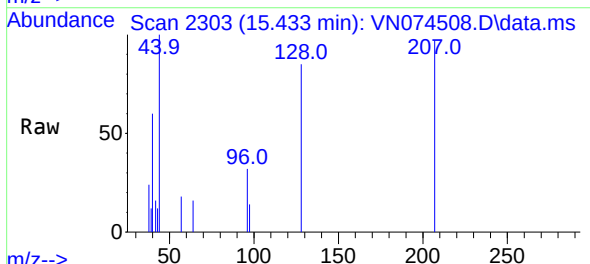
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW5-GW-358-360RE

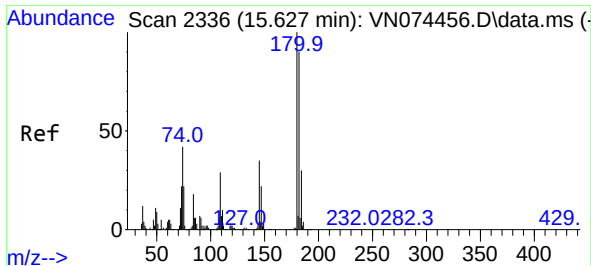
Tgt Ion: 75 Resp: 188036
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 1.651 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN074508.D
Acq: 16 Sep 2022 14:20

Tgt Ion:128 Resp: 1535
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96

1,2,3-Trichlorobenzene

Concen: 1.354 ug/l

RT: 15.556 min Scan# 21

Delta R.T. -0.071 min

Lab File: VN074508.D

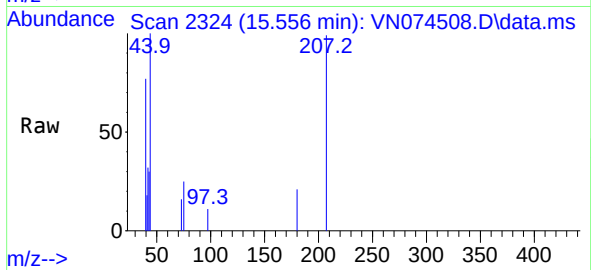
Acq: 16 Sep 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW5-GW-358-360RE



Tgt Ion:180 Resp: 102

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.5 46.5#

