

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075241.D
 Acq On : 30 Jan 2023 16:43
 Operator : KP/SY
 Sample : 01361-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-458-460RE

Quant Time: Jan 31 00:22:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

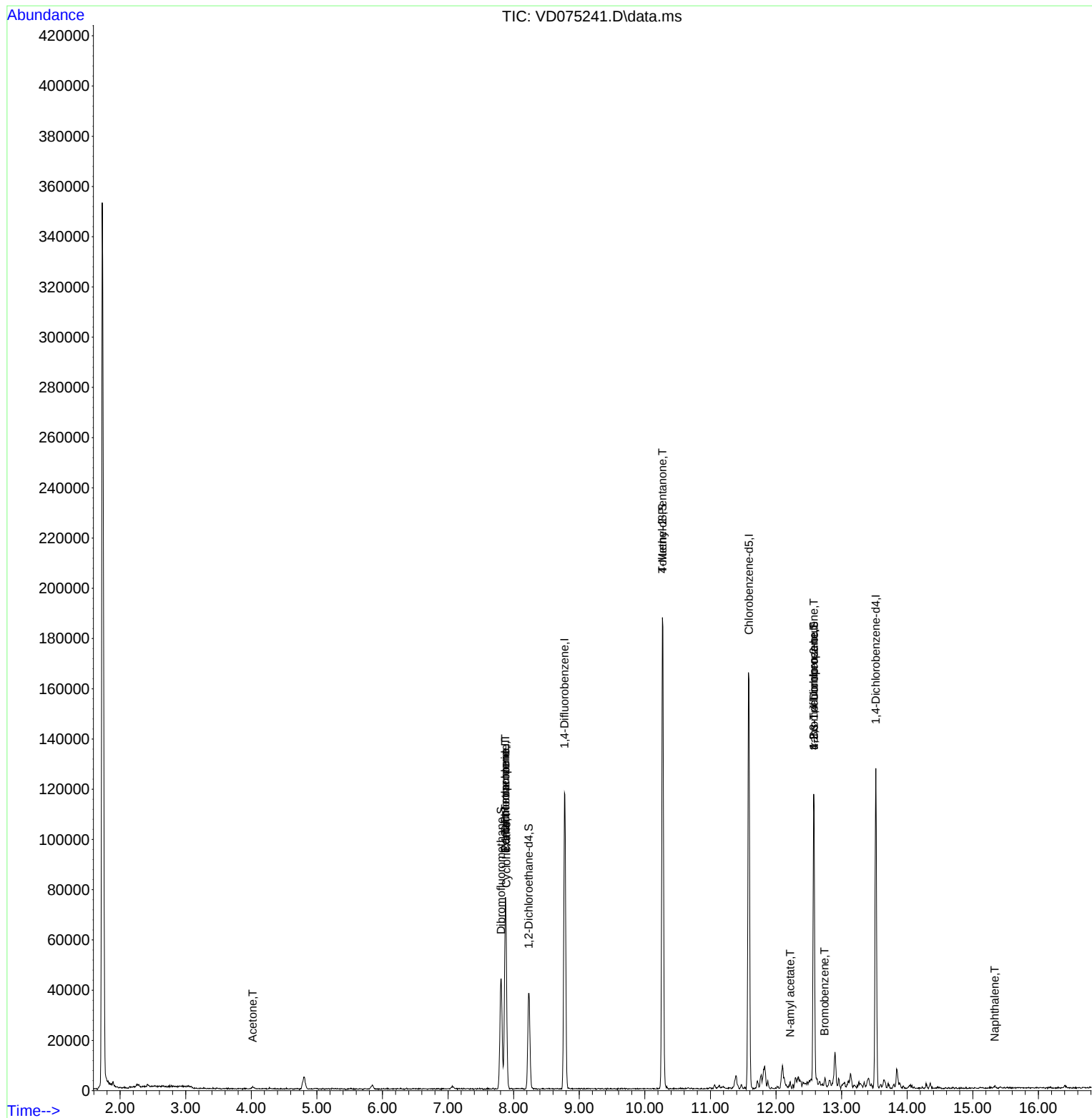
Internal Standards						
1) Pentafluorobenzene	7.875	168	57210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	104226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	95916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	31408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30727	52.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.260%	
35) Dibromofluoromethane	7.810	113	32347	51.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.720%	
50) Toluene-d8	10.269	98	127733	51.510	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	12.575	95	35565	45.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.380%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1397	9.073	ug/l #	80
20) Methylene Chloride	4.799	84	3443	Below Cal	#	81
31) Cyclohexane	7.887	56	1458	1.245	ug/l #	36
36) 1,1-Dichloropropene	7.875	75	4975	4.916	ug/l #	43
38) Carbon Tetrachloride	7.875	117	5439	6.384	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	553	1.452	ug/l #	1
74) N-amyl acetate	12.216	43	614	1.130	ug/l #	57
76) 1,2,3-Trichloropropane	12.575	75	19513	73.356	ug/l #	100
77) Bromobenzene	12.739	156	833	1.470	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	19513	170.156	ug/l #	14
95) Naphthalene	15.333	128	1312	1.068	ug/l #	69

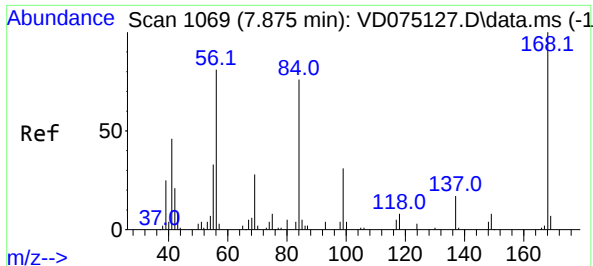
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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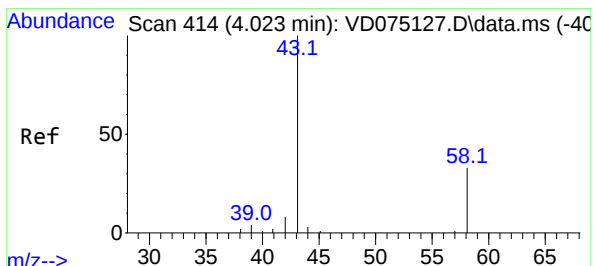
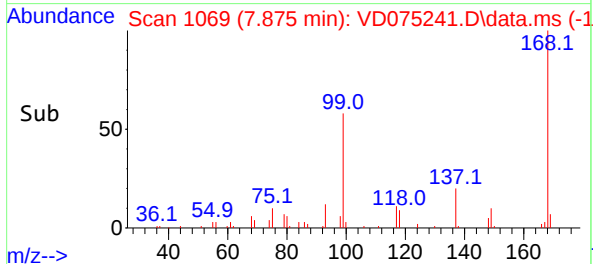
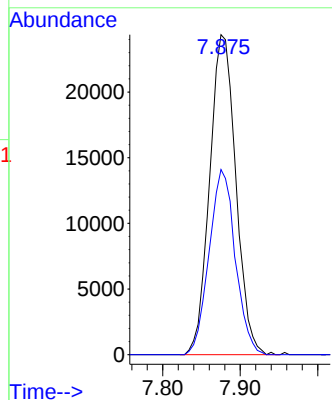
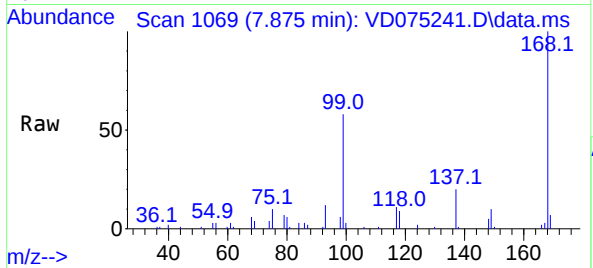




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

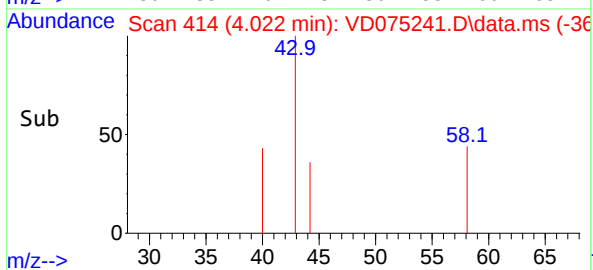
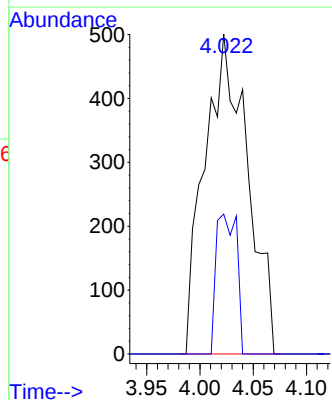
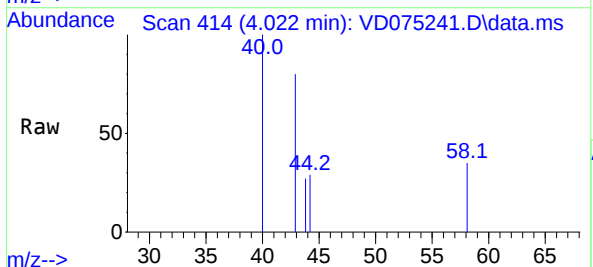
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE

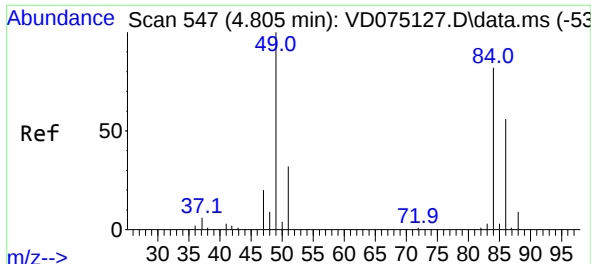
Tgt Ion:168 Resp: 57210
Ion Ratio Lower Upper
168 100
99 57.9 45.2 67.8



#16
Acetone
Concen: 9.073 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
58 43.7 26.0 39.0#



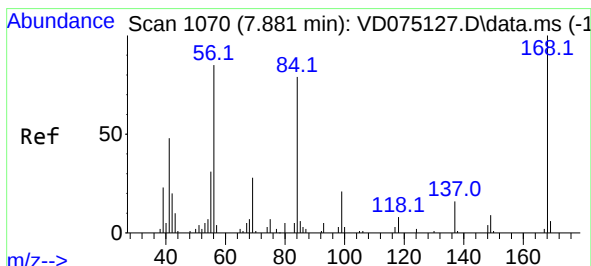
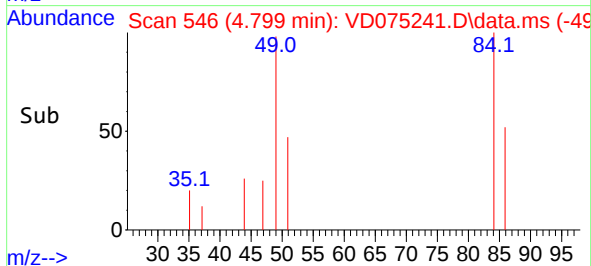
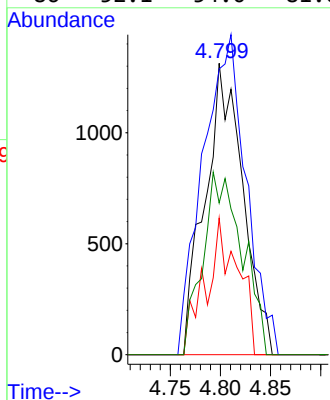
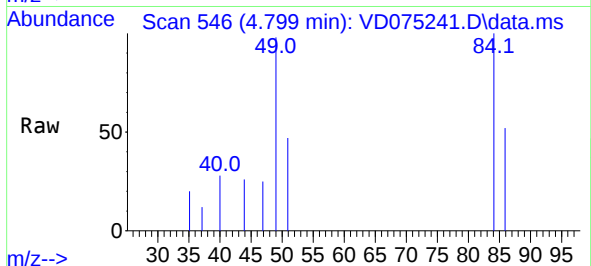


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE

Tgt Ion: 84 Resp: 3443

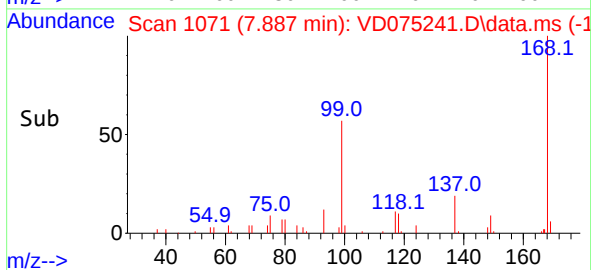
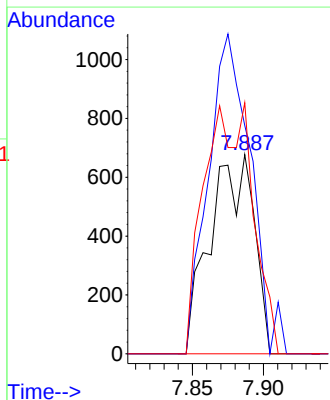
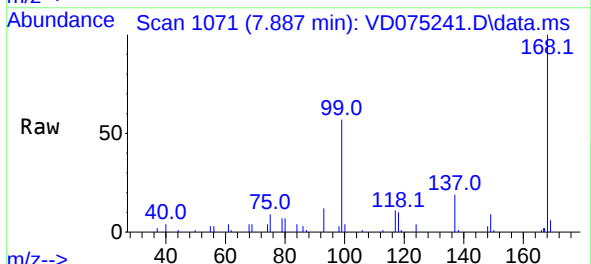
Ion	Ratio	Lower	Upper
84	100		
49	98.1	97.0	145.6
51	46.9	30.9	46.3#
86	52.1	54.0	81.0#

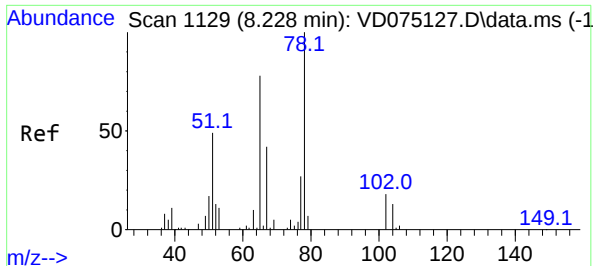


#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 56 Resp: 1458

Ion	Ratio	Lower	Upper
56	100		
69	114.6	26.6	40.0#
84	126.0	74.1	111.1#

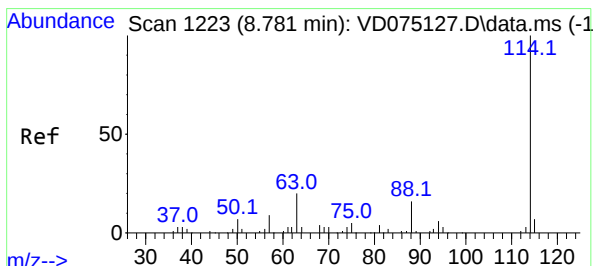
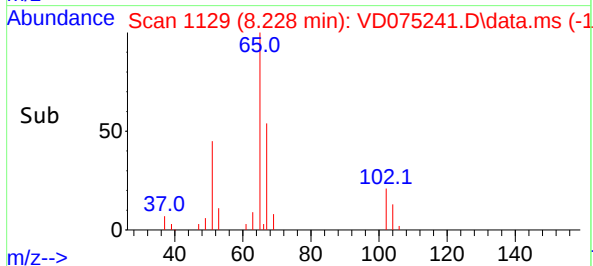
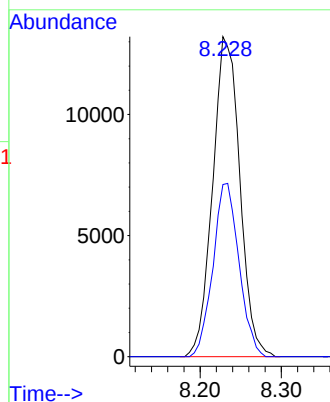
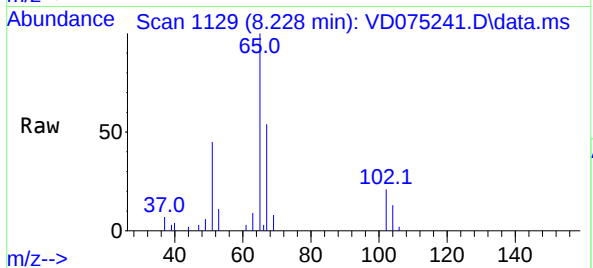




#33
1,2-Dichloroethane-d4
Concen: 52.634 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

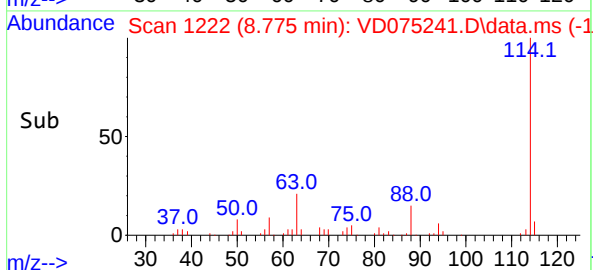
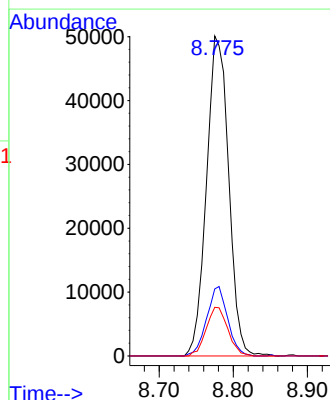
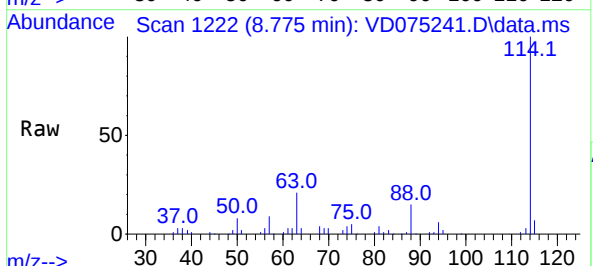
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW10-GW-458-460RE

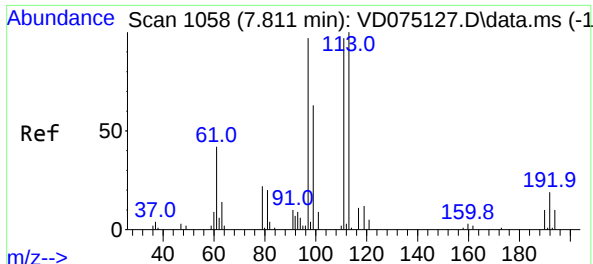
Tgt Ion: 65 Resp: 30727
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 114 Resp: 104226
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.2 0.0 32.2

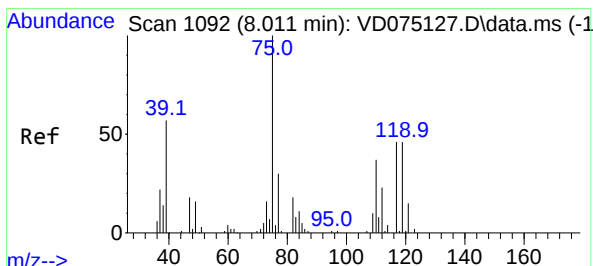
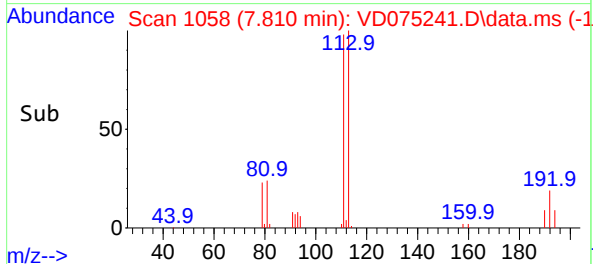
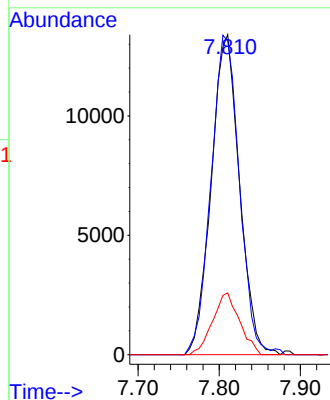
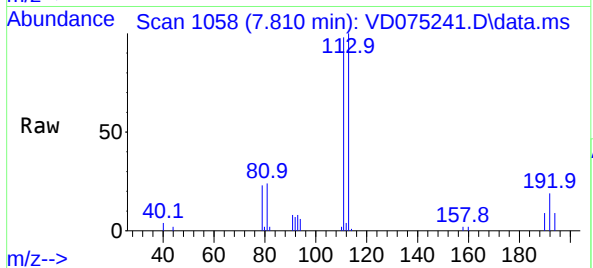




#35
Dibromofluoromethane
Concen: 51.360 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

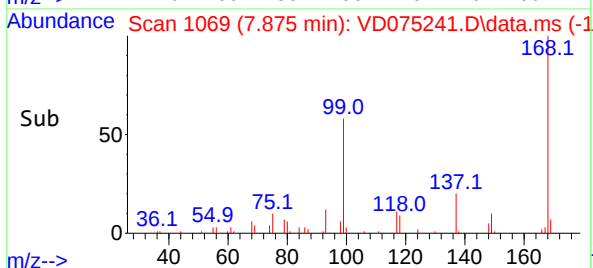
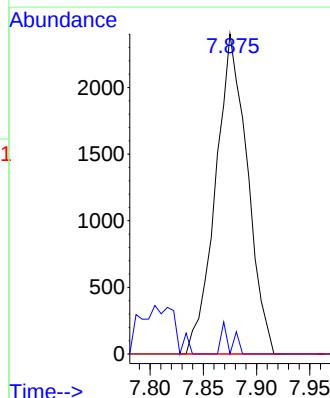
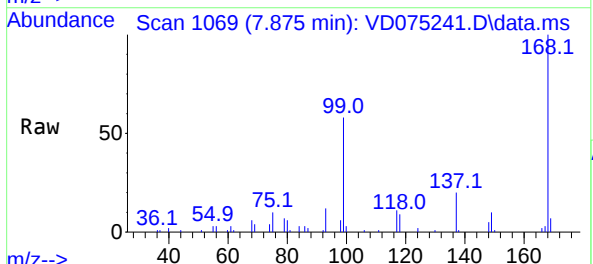
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW10-GW-458-460RE

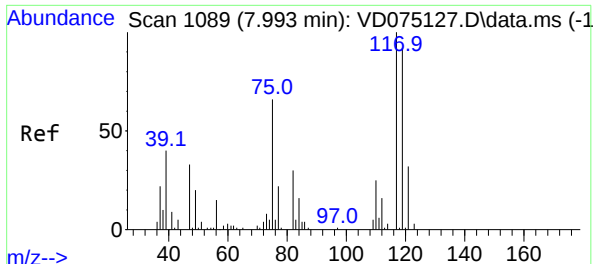
Tgt Ion:	113	Resp:	32347
Ion	Ratio	Lower	Upper
113	100		
111	100.3	80.1	120.1
192	18.4	15.4	23.0



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

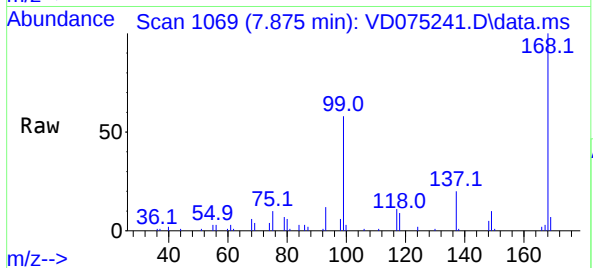
Tgt Ion:	75	Resp:	4975
Ion	Ratio	Lower	Upper
75	100		
110	2.9	18.1	54.4#
77	0.0	25.1	37.7#



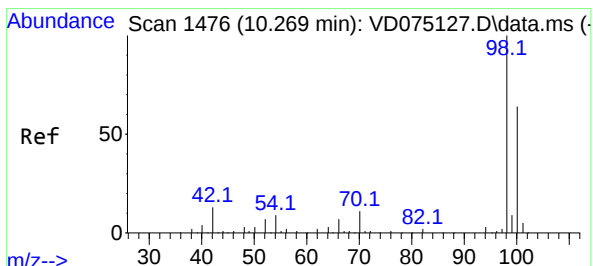
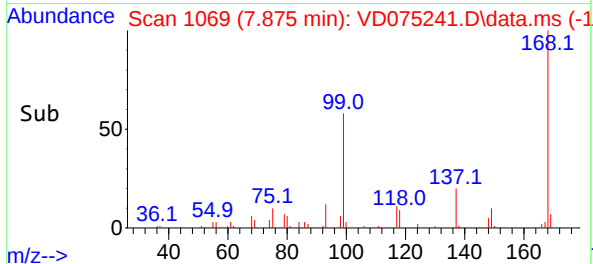
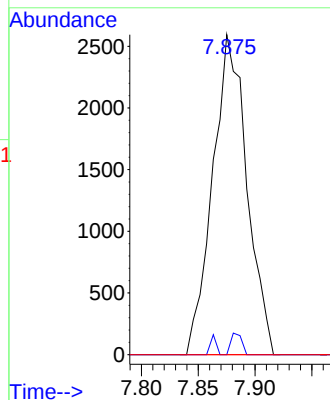


#38
Carbon Tetrachloride
Concen: 6.384 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE

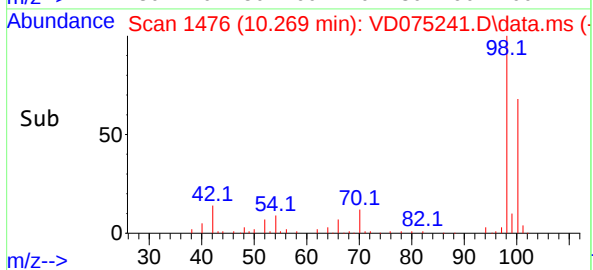
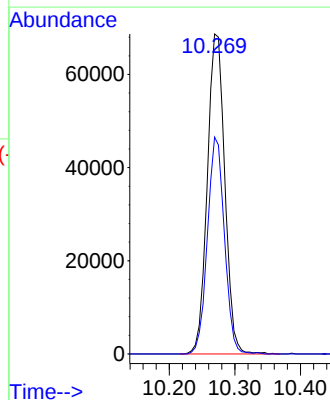
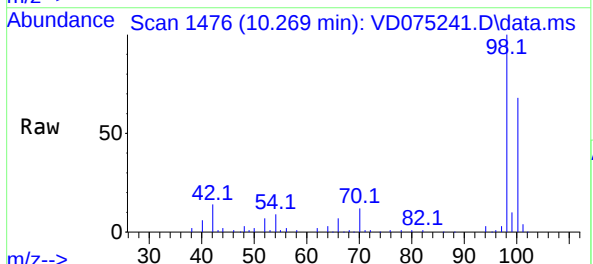


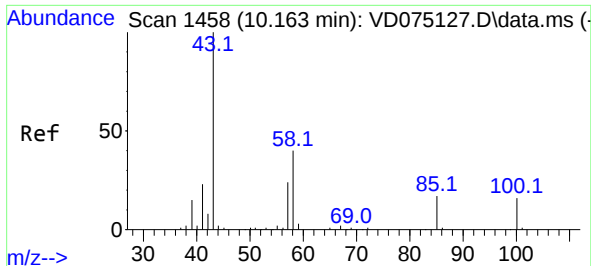
Tgt Ion:117 Resp: 5439
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 51.510 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 98 Resp: 127733
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.452 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.106 min

Lab File: VD075241.D

Acq: 30 Jan 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

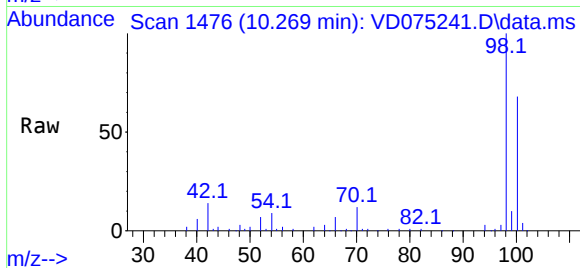
BP-VPB-RW10-GW-458-460RE

Tgt Ion: 43 Resp: 553

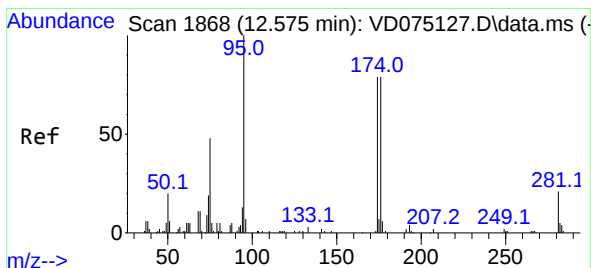
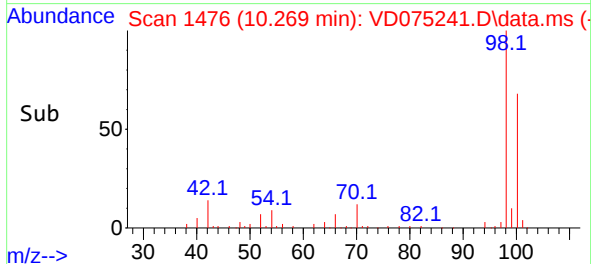
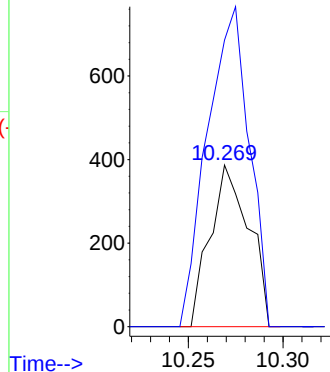
Ion Ratio Lower Upper

43 100

58 213.2 31.4 47.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 45.190 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075241.D

Acq: 30 Jan 2023 16:43

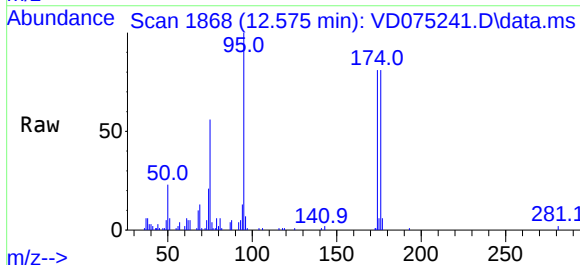
Tgt Ion: 95 Resp: 35565

Ion Ratio Lower Upper

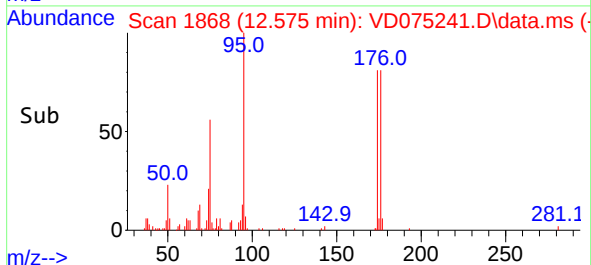
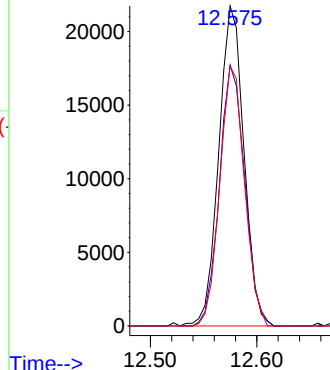
95 100

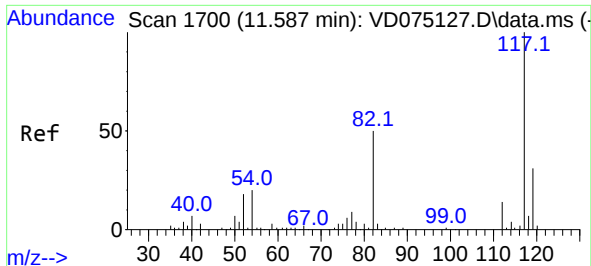
174 82.1 0.0 161.2

176 79.9 0.0 160.2



Abundance

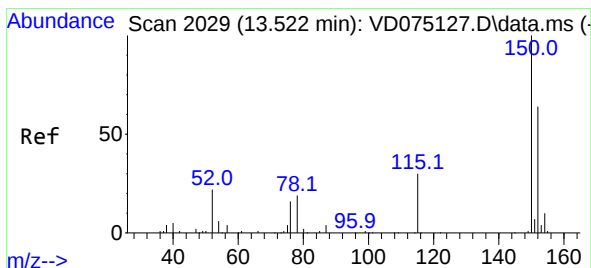
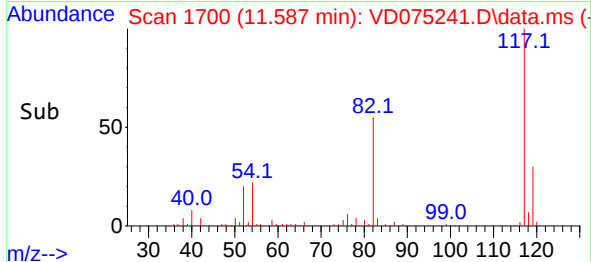
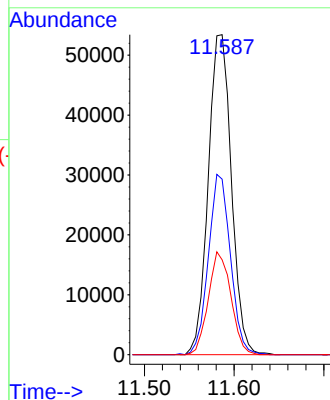
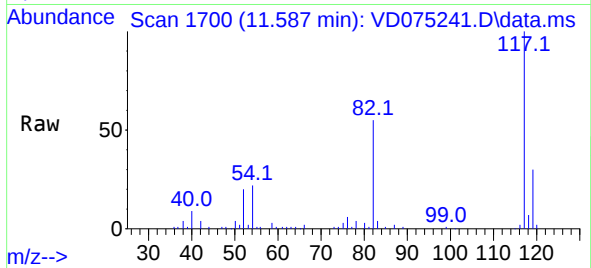




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

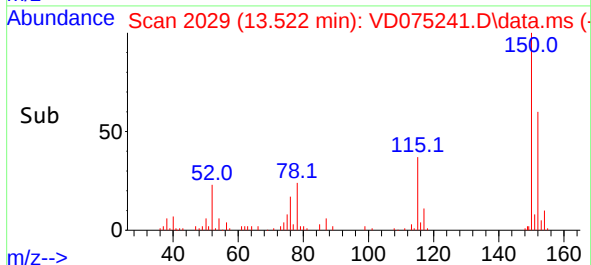
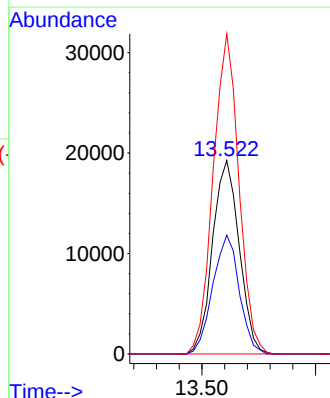
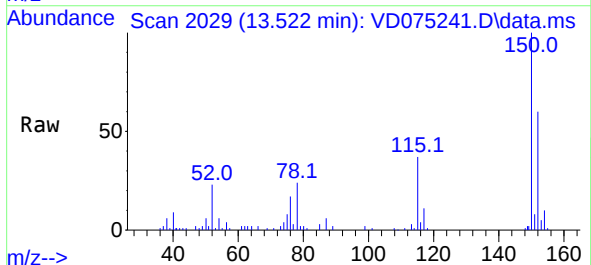
Instrument :
MSVOA_D
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BP-VPB-RW10-GW-458-460RE

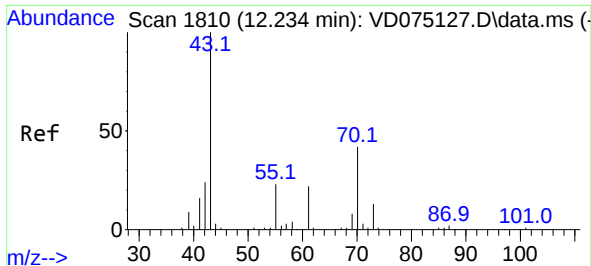
Tgt Ion:117	Resp:	95916
Ion Ratio	Lower	Upper
117	100	
82	54.9	39.6 59.4
119	29.6	24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion:152	Resp:	31408
Ion Ratio	Lower	Upper
152	100	
115	61.0	28.8 86.4
150	159.2	0.0 348.6

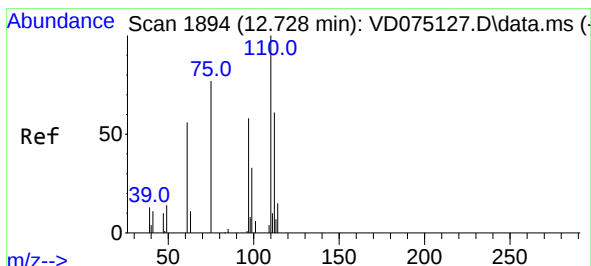
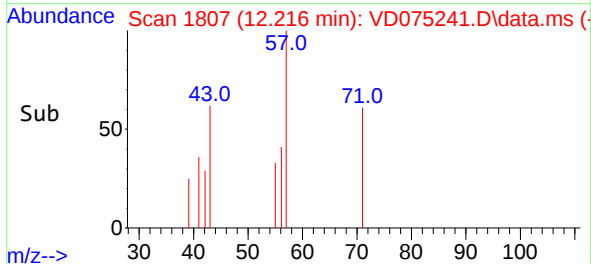
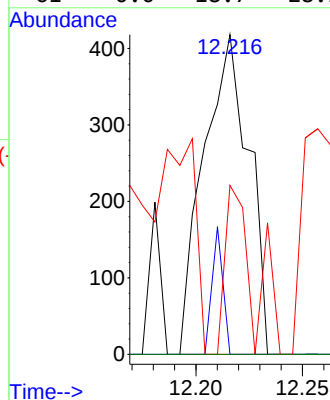
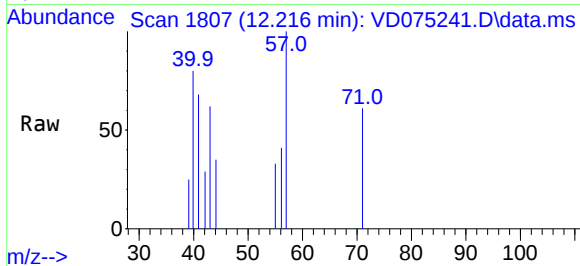




#74
N-amy1 acetate
Concen: 1.130 ug/l
RT: 12.216 min Scan# 1807
Delta R.T. -0.018 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

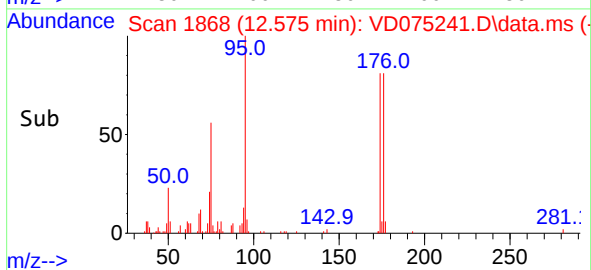
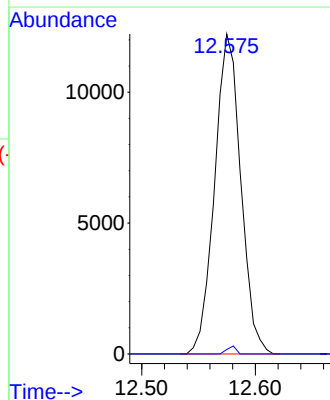
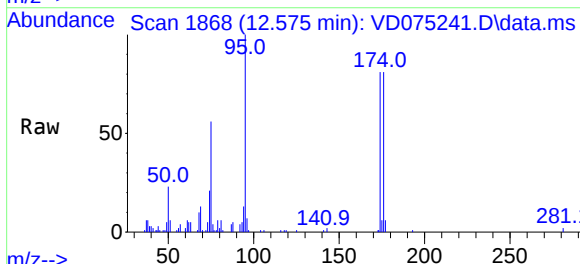
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE

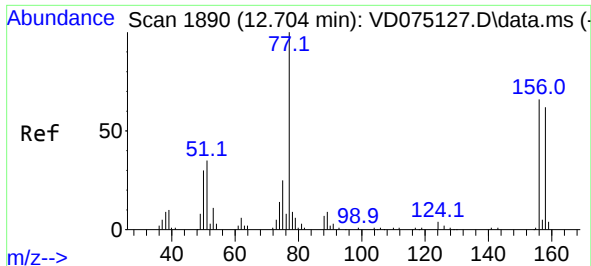
Tgt Ion: 43	Resp: 614
Ion Ratio	Lower Upper
43	100
70	9.6 32.6 49.0#
55	33.7 17.8 26.8#
61	0.0 18.7 28.1#



#76
1,2,3-Trichloropropane
Concen: 73.356 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Tgt Ion: 75	Resp: 19513
Ion Ratio	Lower Upper
75	100
77	0.9 0.0 0.0#

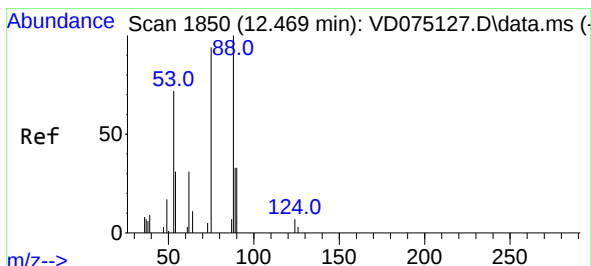
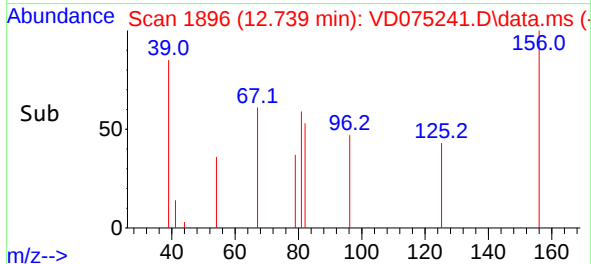
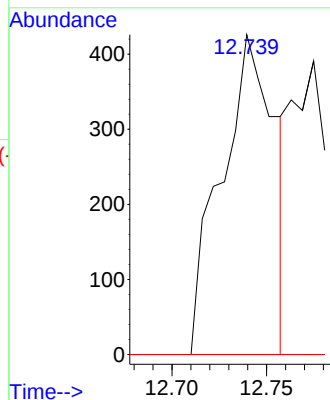
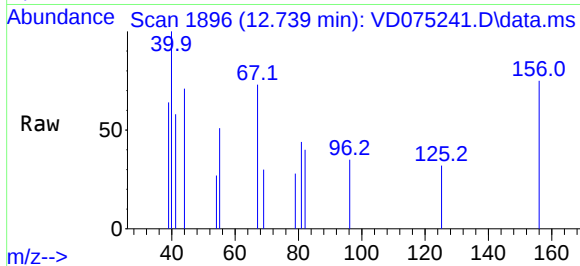




#77
Bromobenzene
Concen: 1.470 ug/l
RT: 12.739 min Scan# 1890
Delta R.T. 0.035 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

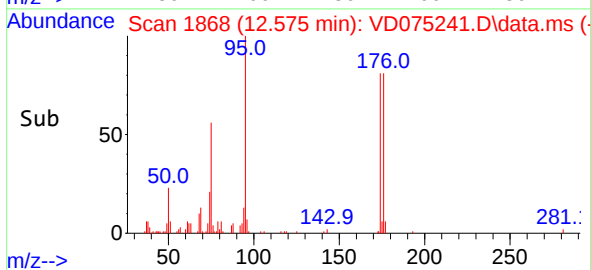
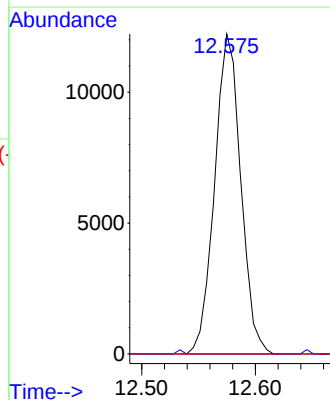
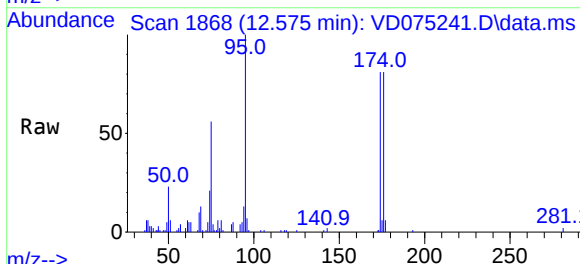
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW10-GW-458-460RE

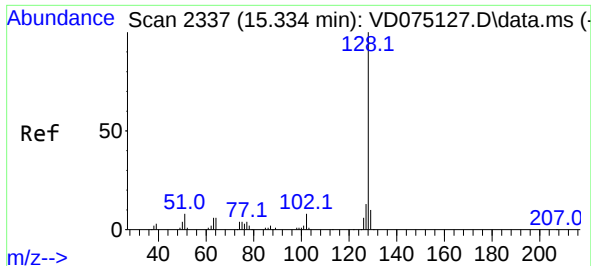
Tgt Ion:156 Resp: 833
Ion Ratio Lower Upper
156 100
77 0.0 85.6 256.8#
158 0.0 47.3 141.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.156 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

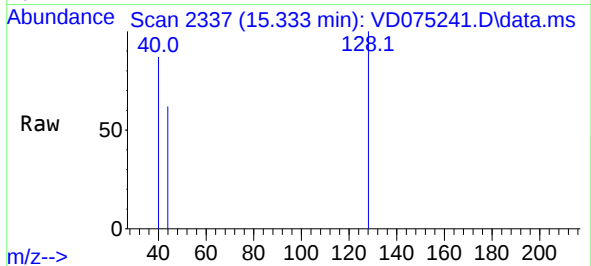
Tgt Ion: 75 Resp: 19513
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#





#95
Naphthalene
Concen: 1.068 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075241.D
Acq: 30 Jan 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460RE



Tgt Ion:	128	Resp:	1312
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.7	13.1#

