

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075235.D
 Acq On : 30 Jan 2023 13:56
 Operator : KP/SY
 Sample : 01361-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 31 00:22:01 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)

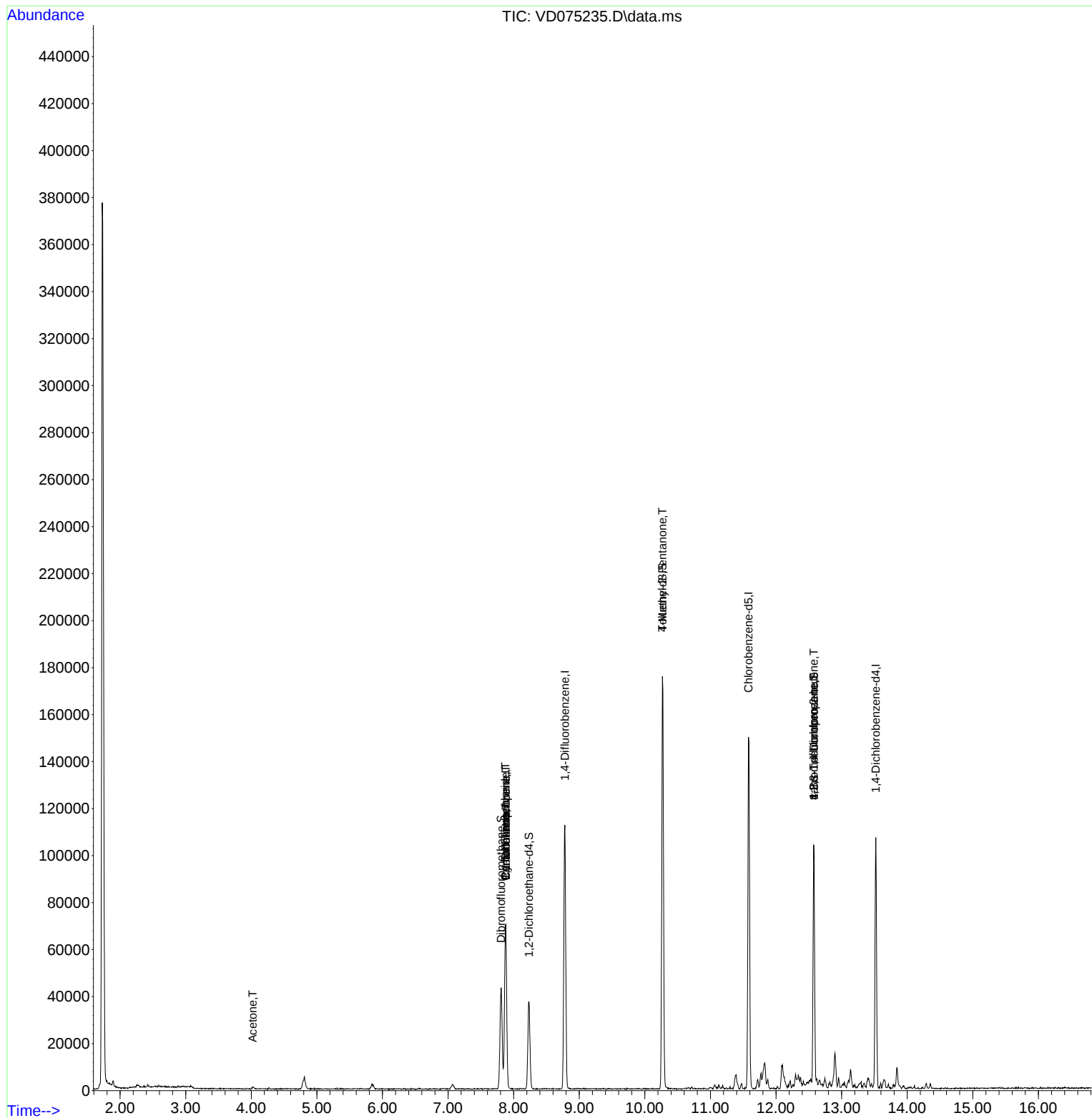
Internal Standards						
1) Pentafluorobenzene	7.881	168	54974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	98066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	86300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	27837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29295	52.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.440%	
35) Dibromofluoromethane	7.810	113	31352	52.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.269	98	119897	51.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.574	95	32008	43.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1147	7.752	ug/l	96
20) Methylene Chloride	4.810	84	3514	Below Cal	#	92
31) Cyclohexane	7.881	56	1453	1.291	ug/l #	63
36) 1,1-Dichloropropene	7.881	75	4395	4.616	ug/l #	46
38) Carbon Tetrachloride	7.875	117	5560	6.936	ug/l #	14
51) 4-Methyl-2-Pentanone	10.269	43	745	2.078	ug/l #	1
76) 1,2,3-Trichloropropane	12.574	75	17463	74.071	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	17463	171.815	ug/l #	14

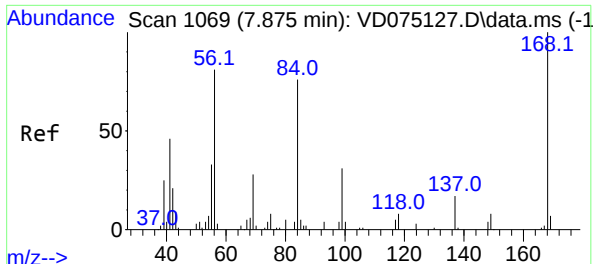
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW10-GW-458-460

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

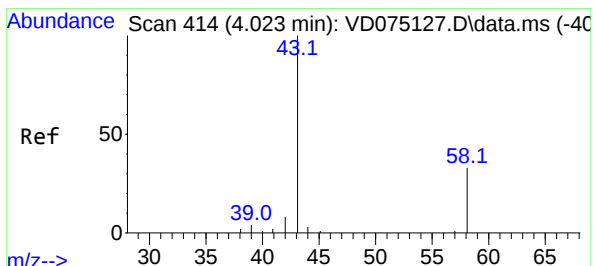
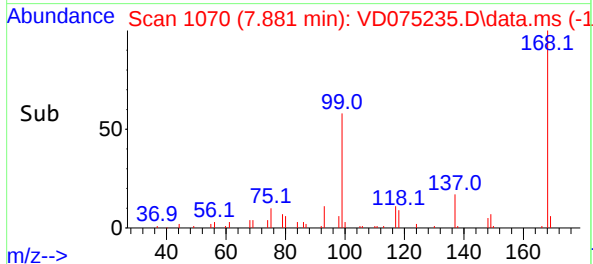
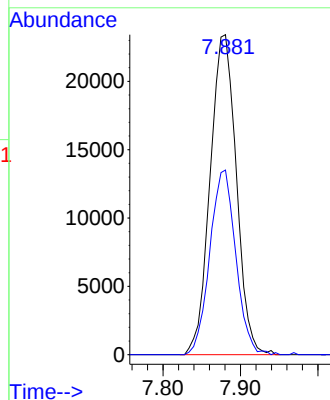
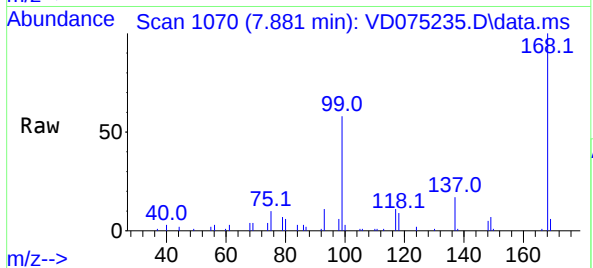




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

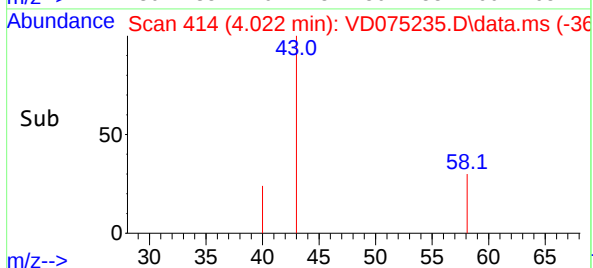
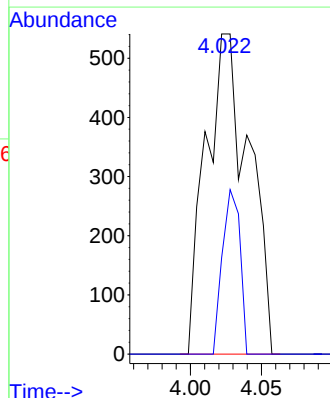
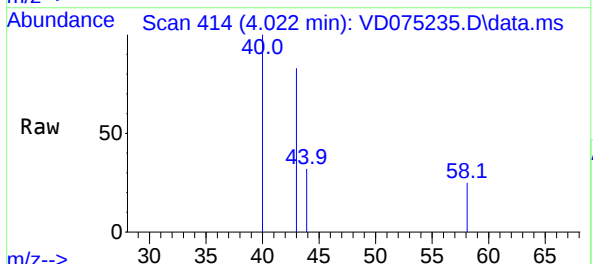
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460

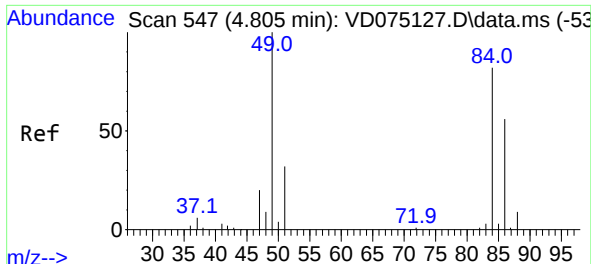
Tgt Ion:168 Resp: 54974
Ion Ratio Lower Upper
168 100
99 57.7 45.2 67.8



#16
Acetone
Concen: 7.752 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 30.1 26.0 39.0

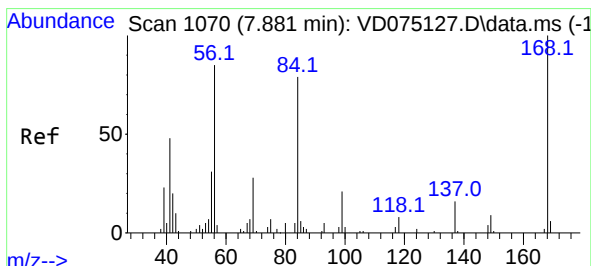
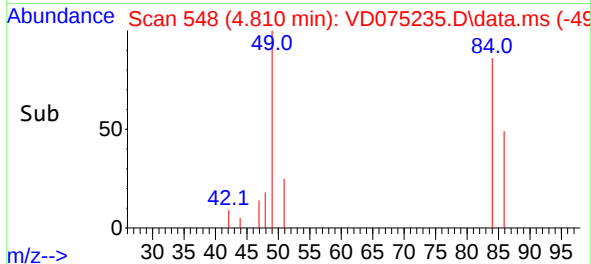
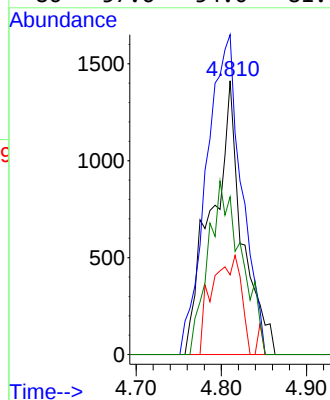
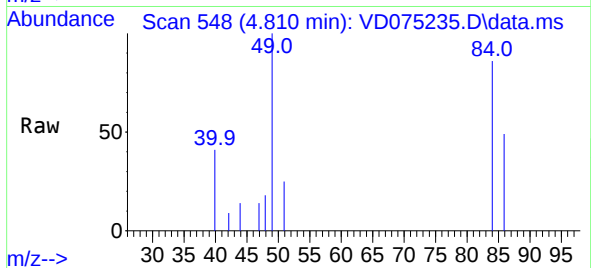




#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

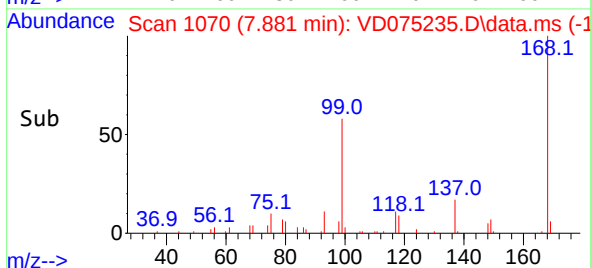
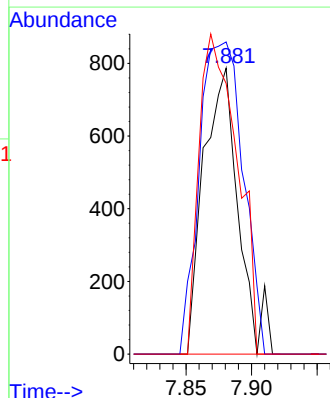
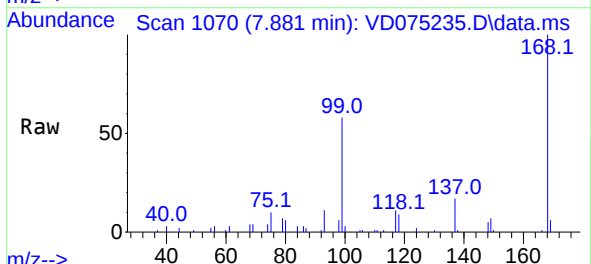
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460

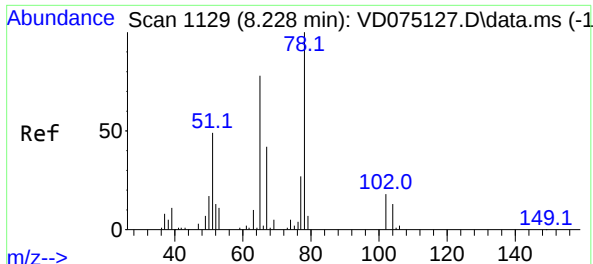
Tgt Ion:	84	Resp:	3514
Ion	Ratio	Lower	Upper
84	100		
49	116.9	97.0	145.6
51	29.1	30.9	46.3#
86	57.6	54.0	81.0



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion:	56	Resp:	1453
Ion	Ratio	Lower	Upper
56	100		
69	109.1	26.6	40.0#
84	94.7	74.1	111.1

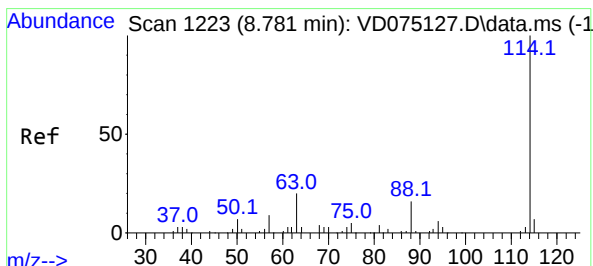
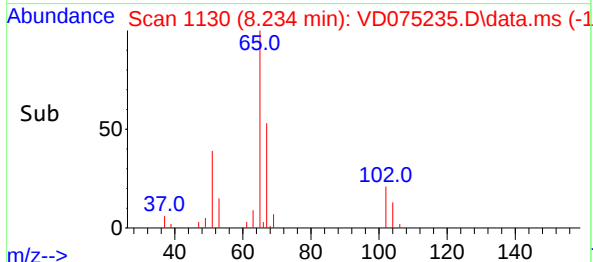
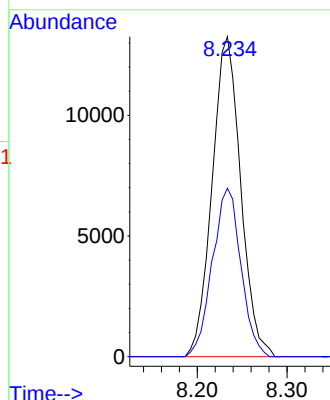
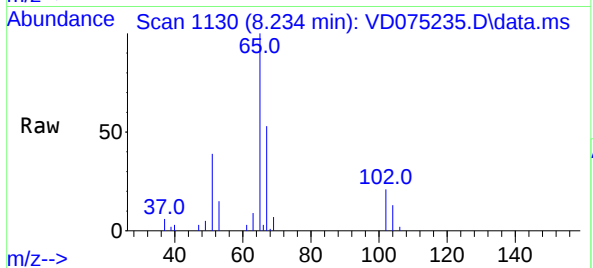




#33
1,2-Dichloroethane-d4
Concen: 52.222 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

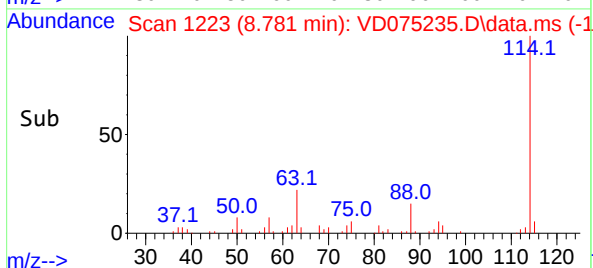
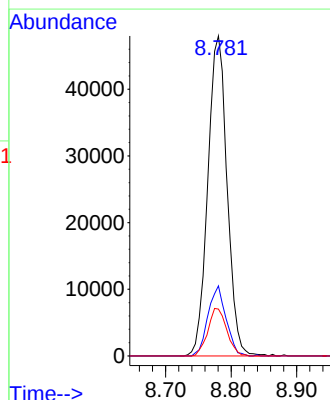
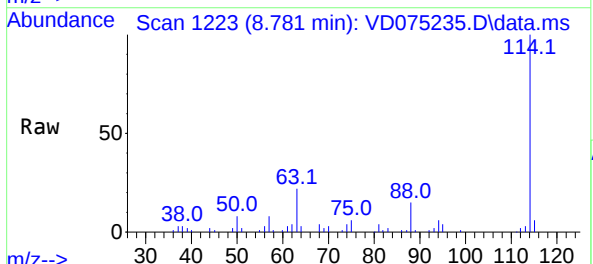
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460

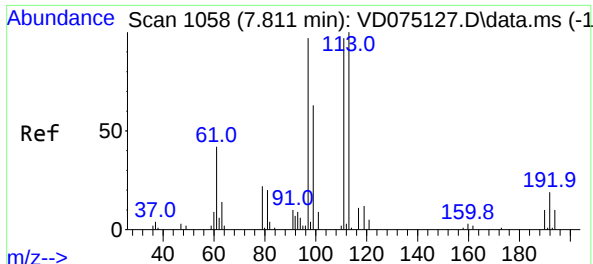
Tgt Ion: 65 Resp: 29295
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion: 114 Resp: 98066
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.2
88 14.7 0.0 32.2

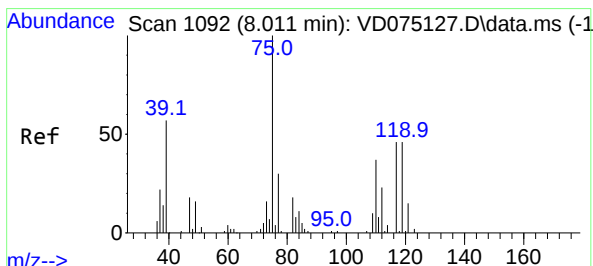
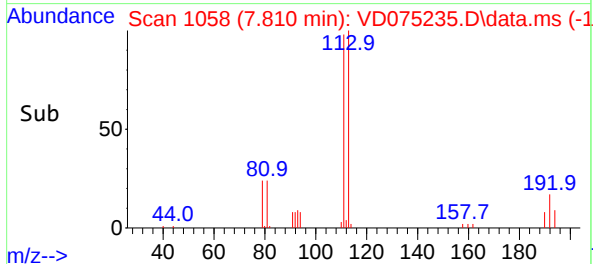
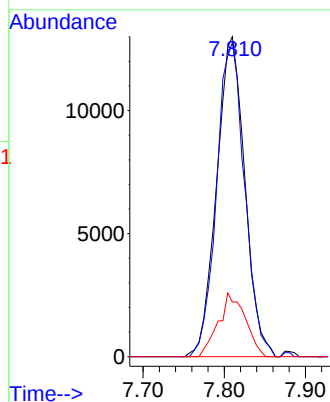
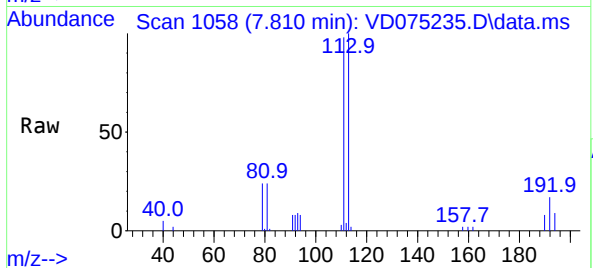




#35
Dibromofluoromethane
Concen: 52.907 ug/l
RT: 7.810 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

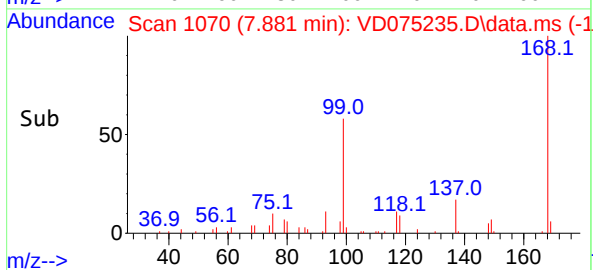
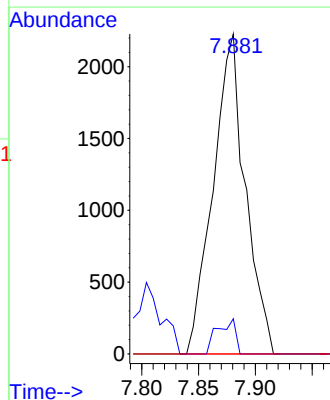
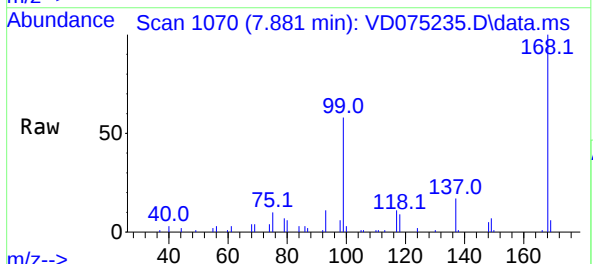
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW10-GW-458-460

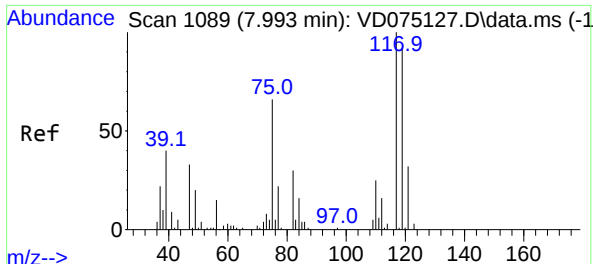
Tgt Ion:113	Resp:	31352
Ion	Ratio	Lower Upper
113	100	
111	97.6	80.1 120.1
192	18.9	15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

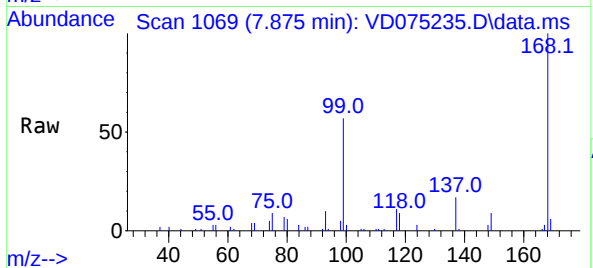
Tgt Ion: 75	Resp:	4395
Ion	Ratio	Lower Upper
75	100	
110	6.2	18.1 54.4#
77	0.0	25.1 37.7#



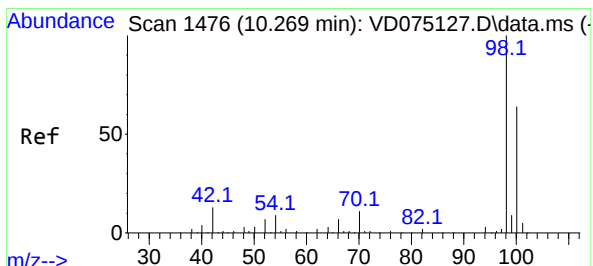
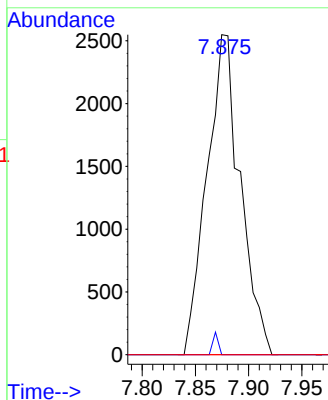
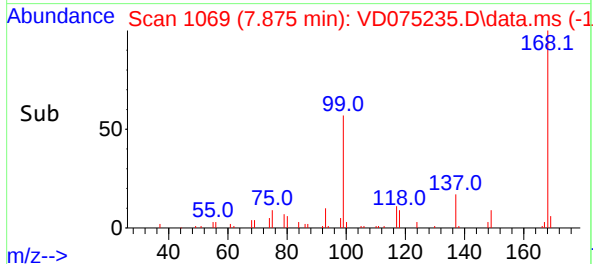


#38
Carbon Tetrachloride
Concen: 6.936 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

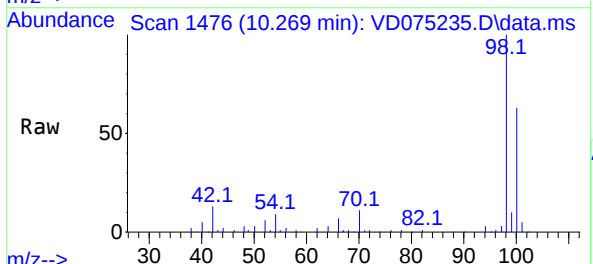
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460



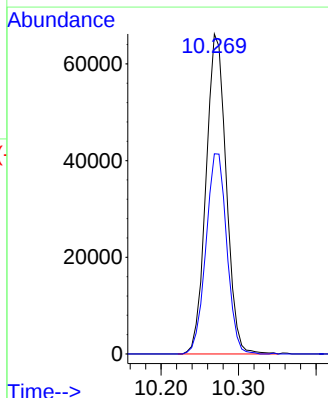
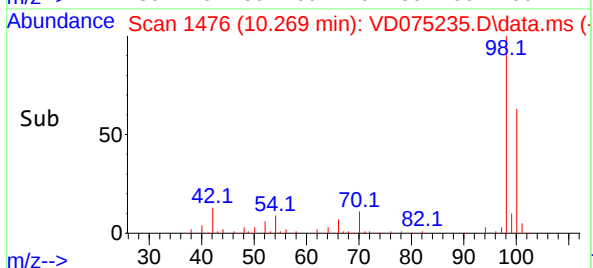
Tgt Ion:117 Resp: 5560
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#

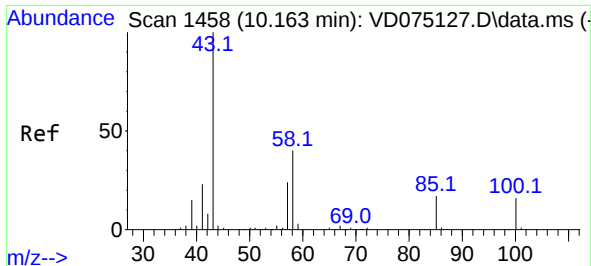


#50
Toluene-d8
Concen: 51.387 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56



Tgt Ion: 98 Resp: 119897
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 2.078 ug/l

RT: 10.269 min Scan# 1458

Delta R.T. 0.105 min

Lab File: VD075235.D

Acq: 30 Jan 2023 13:56

Instrument :

MSVOA_D

ClientSampleId :

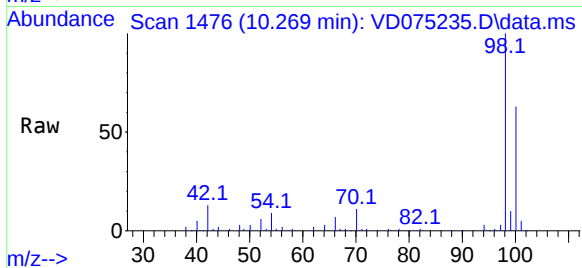
BP-VPB-RW10-GW-458-460

Tgt Ion: 43 Resp: 745

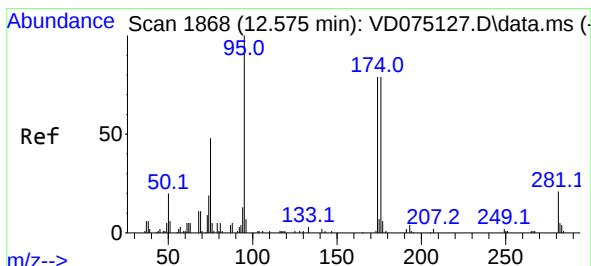
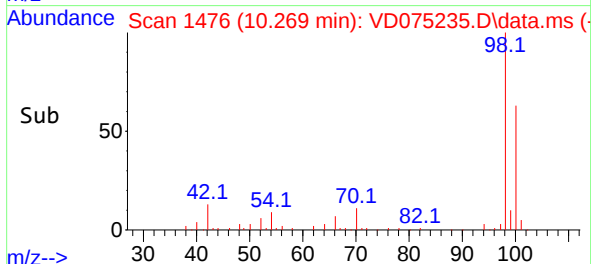
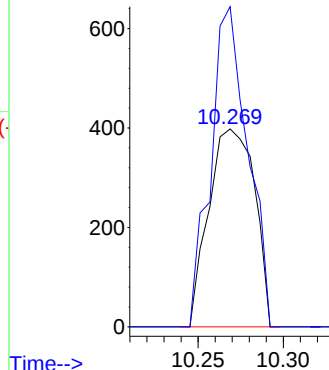
Ion Ratio Lower Upper

43 100

58 130.7 31.4 47.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 43.225 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. -0.001 min

Lab File: VD075235.D

Acq: 30 Jan 2023 13:56

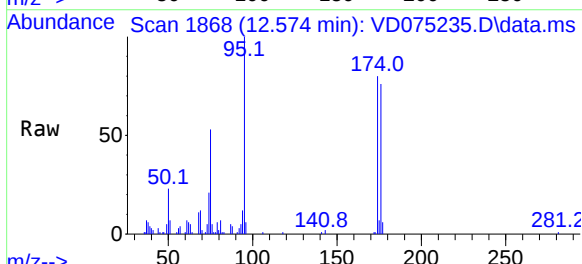
Tgt Ion: 95 Resp: 32008

Ion Ratio Lower Upper

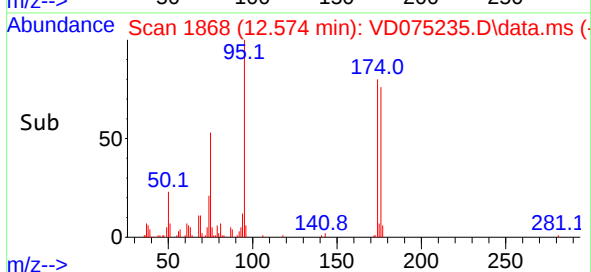
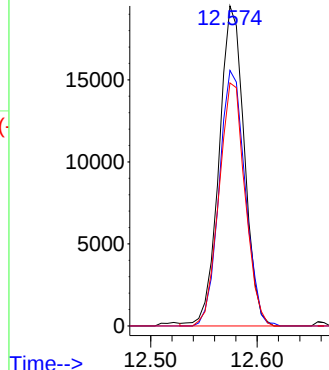
95 100

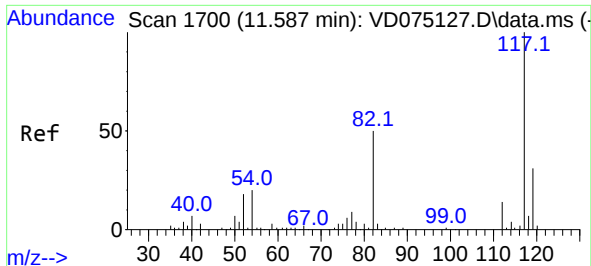
174 82.0 0.0 161.2

176 78.3 0.0 160.2



Abundance

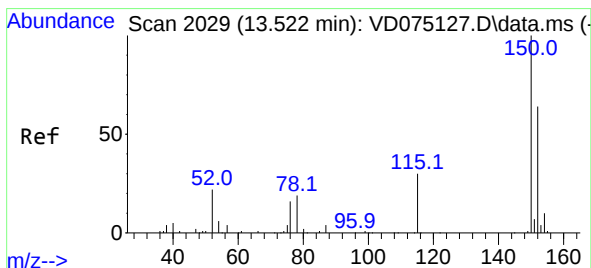
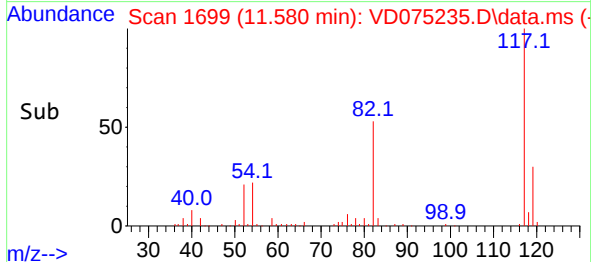
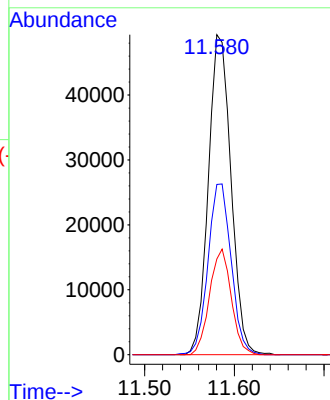
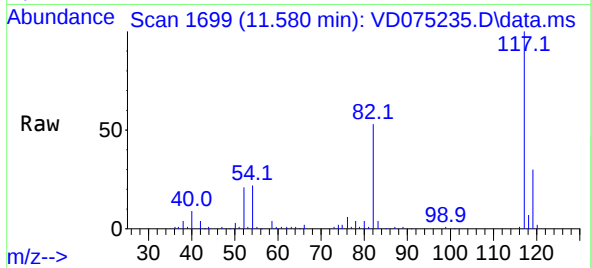




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

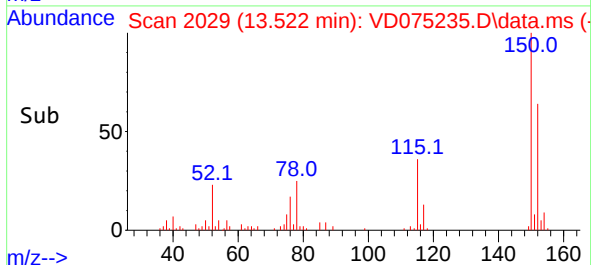
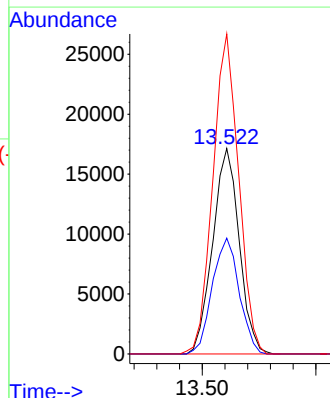
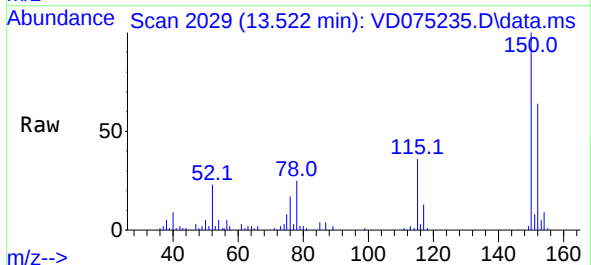
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460

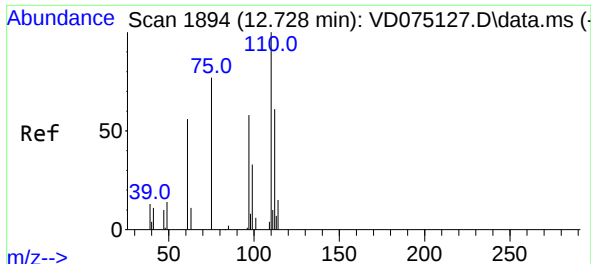
Tgt Ion:117 Resp: 86300
Ion Ratio Lower Upper
117 100
82 53.2 39.6 59.4
119 29.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.001 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion:152 Resp: 27837
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 151.2 0.0 348.6

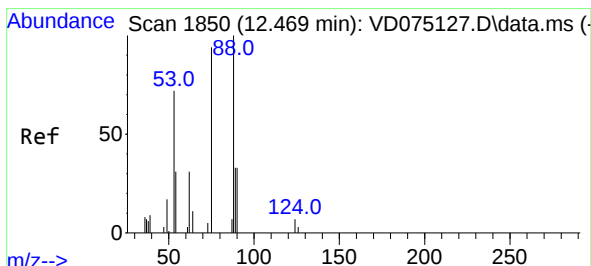
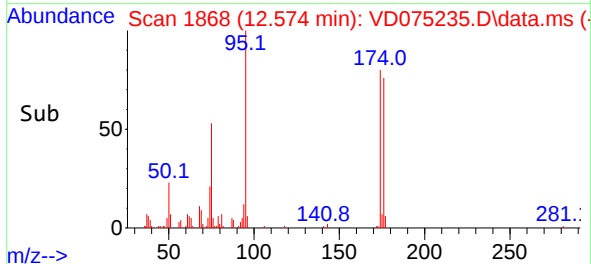
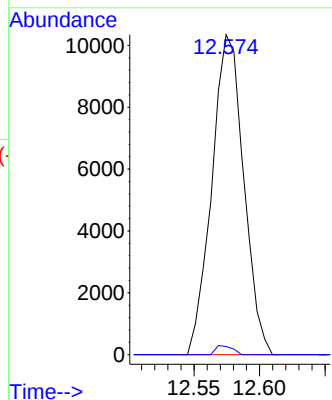
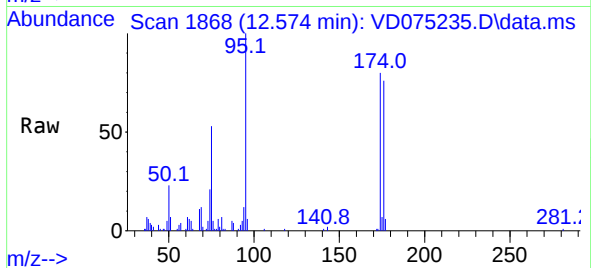




#76
1,2,3-Trichloropropane
Concen: 74.071 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

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

Tgt Ion: 75 Resp: 17463
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.815 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion: 75 Resp: 17463
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

