

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079364.D
 Acq On : 09 Jul 2024 16:30
 Operator : RP/MD
 Sample : P3167-15
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-840-842RE

Quant Time: Jul 09 16:55:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

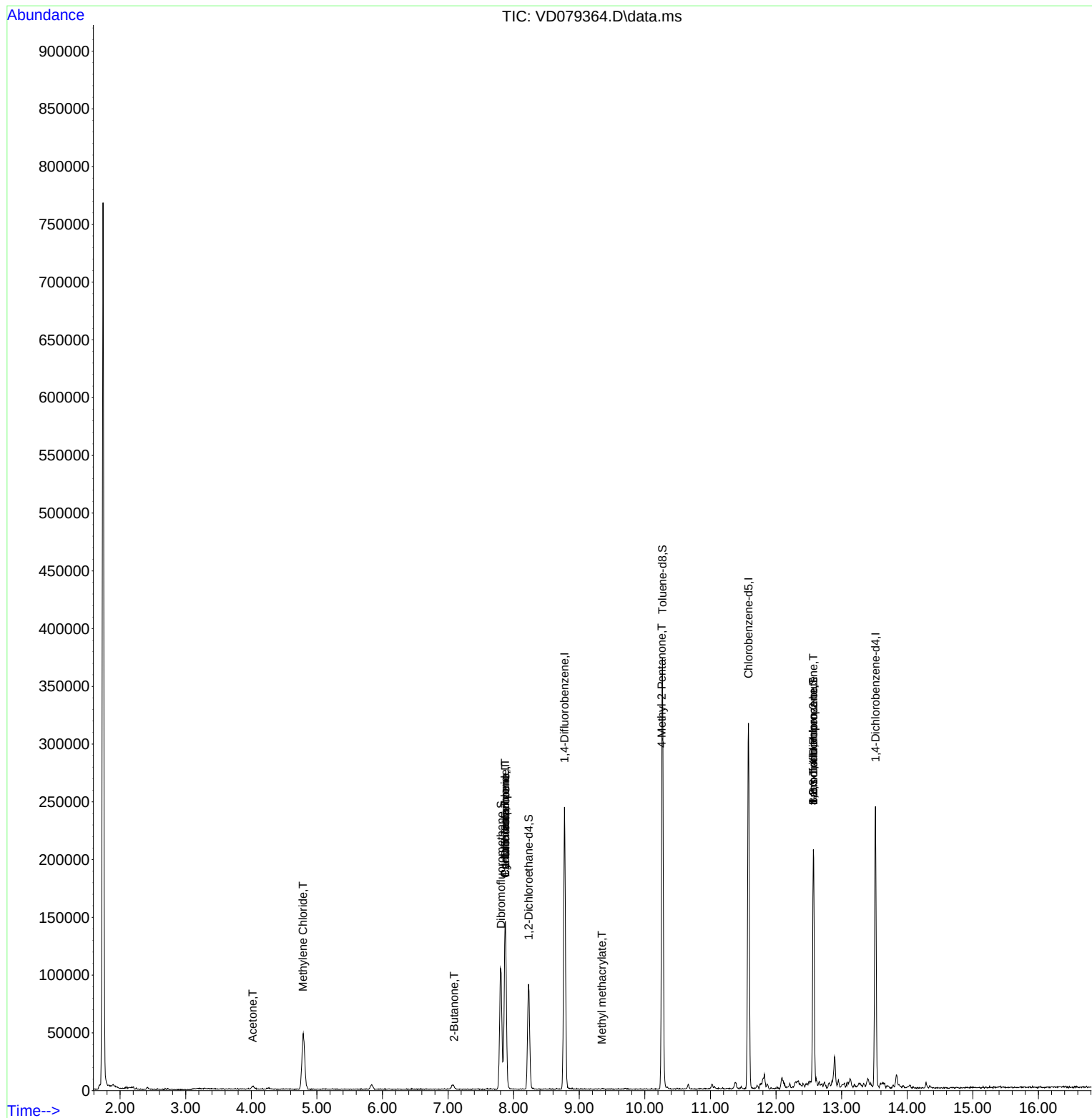
Internal Standards						
1) Pentafluorobenzene	7.875	168	108664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70532	55.080	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.160%			
35) Dibromofluoromethane	7.810	113	80841	53.967	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.940%			
50) Toluene-d8	10.269	98	268789	46.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.100%			
62) 4-Bromofluorobenzene	12.569	95	71092	39.611	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.220%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	266	Below Cal	#	1
16) Acetone	4.022	43	4491	18.440	ug/l #	85
20) Methylene Chloride	4.787	84	38633	13.969	ug/l	97
25) 2-Butanone	7.093	43	399	1.153	ug/l #	42
31) Cyclohexane	7.869	56	2498	1.290	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9445	4.963	ug/l #	43
38) Carbon Tetrachloride	7.869	117	12200	6.091	ug/l #	15
48) Methyl methacrylate	9.346	41	121	2.635	ug/l #	2
51) 4-Methyl-2-Pentanone	10.257	43	1019	1.264	ug/l #	1
71) Bromoform	12.569	173	1173	1.502	ug/l #	29
76) 1,2,3-Trichloropropane	12.569	75	34008	55.468	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	34008	104.582	ug/l #	19

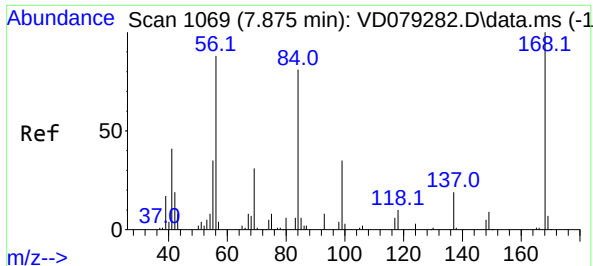
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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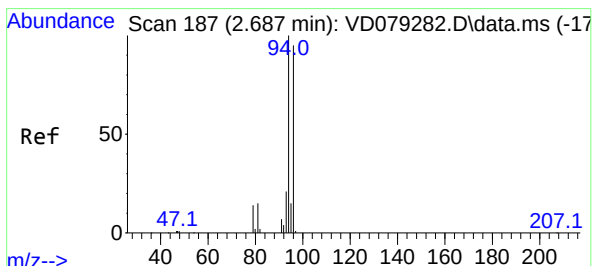
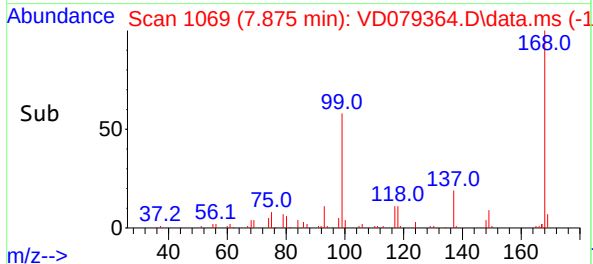
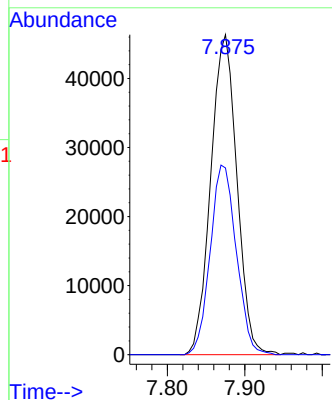
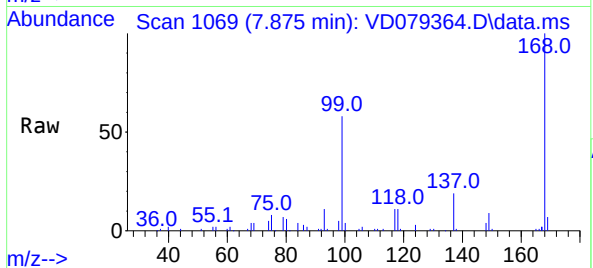




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

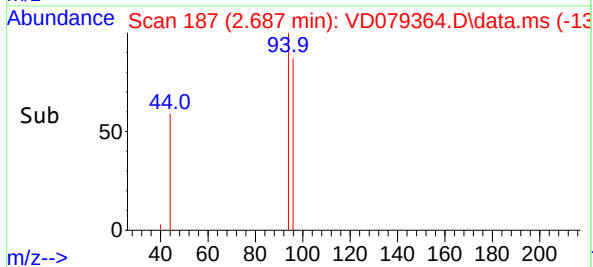
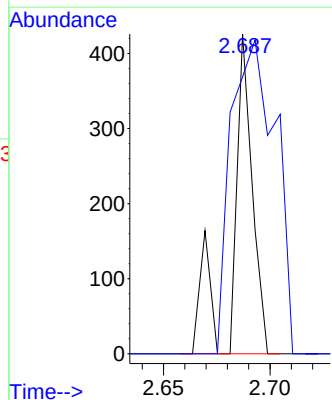
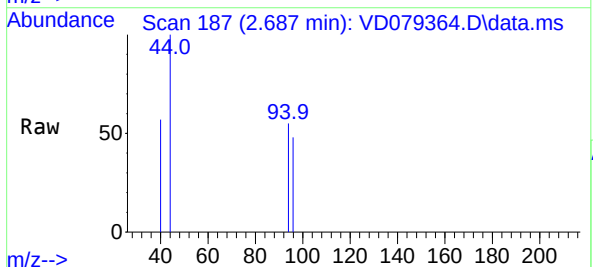
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

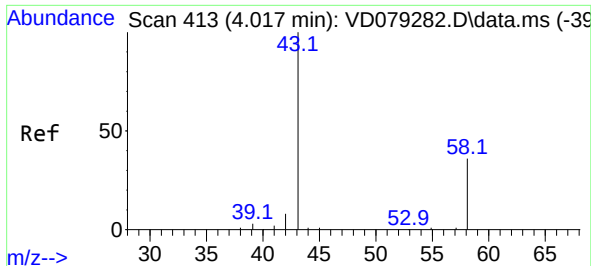
Tgt Ion:168 Resp: 108664
Ion Ratio Lower Upper
168 100
99 58.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.029 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 228.2 76.9 115.3#

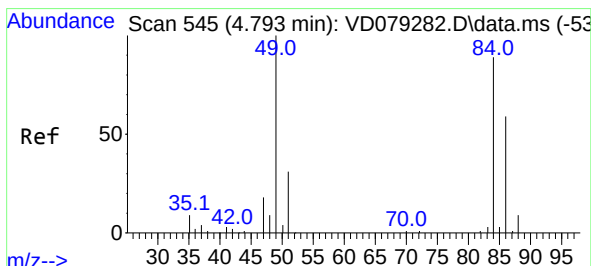
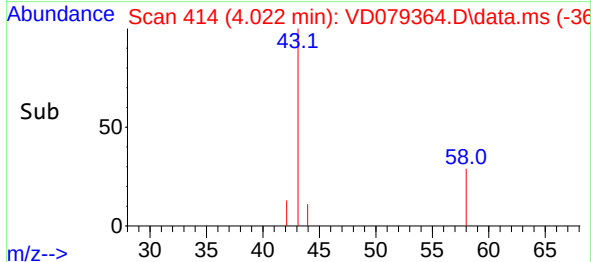
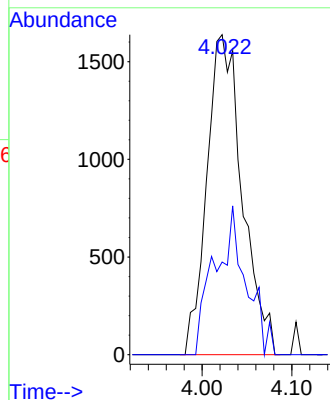
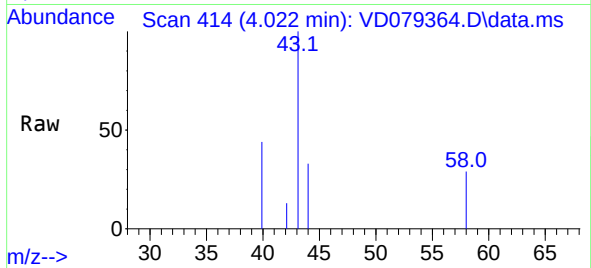




#16
Acetone
Concen: 18.440 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

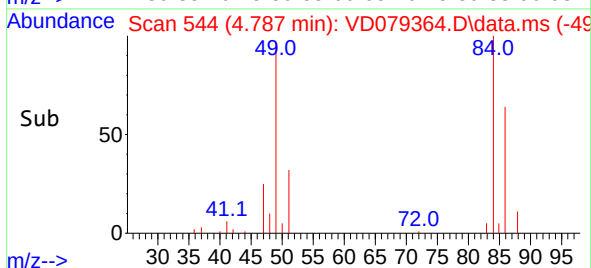
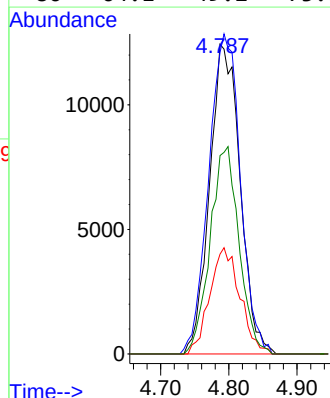
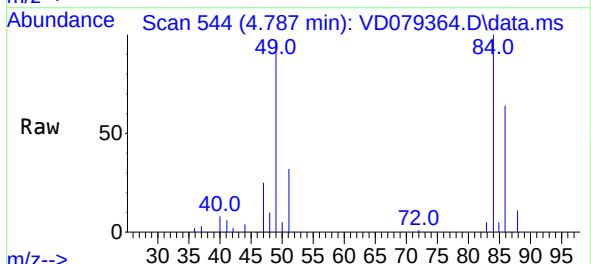
Instrument :
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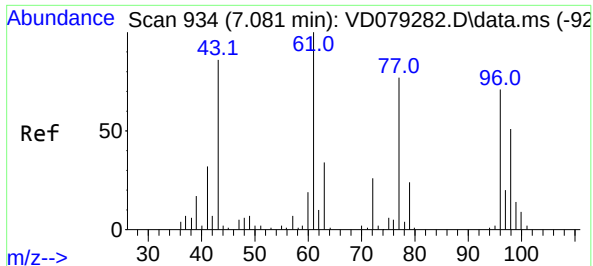
Tgt Ion: 43 Resp: 4491
Ion Ratio Lower Upper
43 100
58 28.9 30.4 45.6#



#20
Methylene Chloride
Concen: 13.969 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 84 Resp: 38633
Ion Ratio Lower Upper
84 100
49 97.4 75.6 113.4
51 32.2 24.2 36.2
86 64.1 49.2 73.8

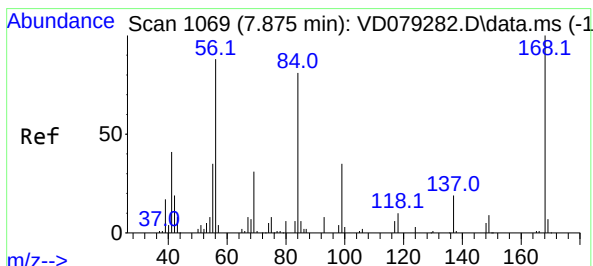
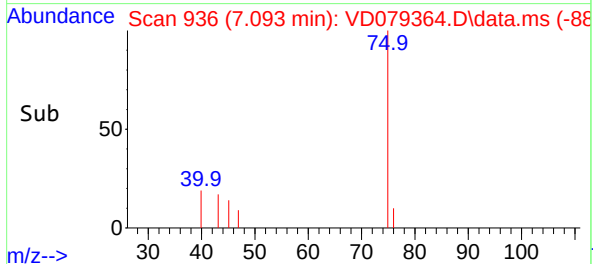
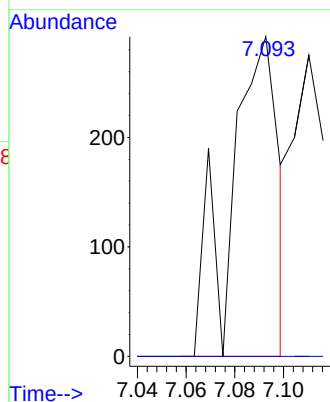
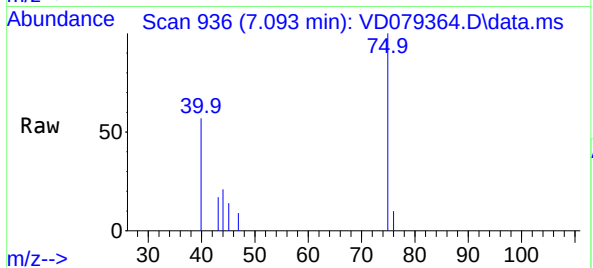




#25
2-Butanone
Concen: 1.153 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.018 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

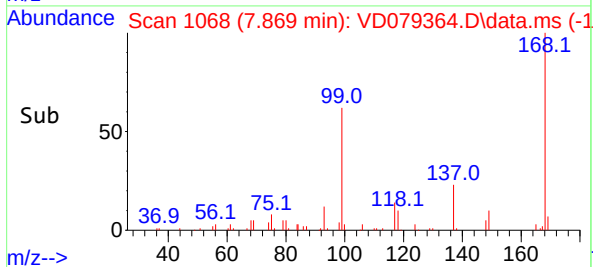
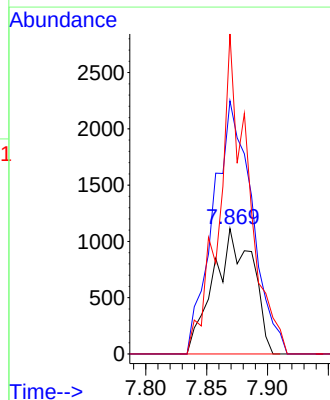
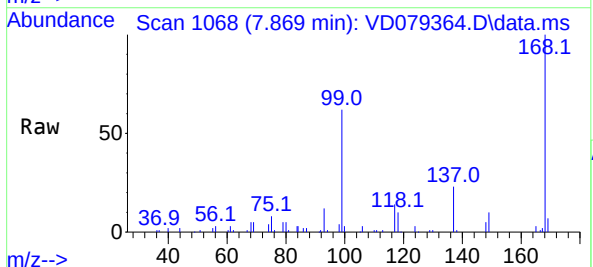
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

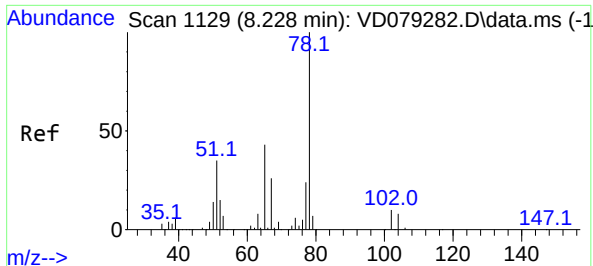
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 56 Resp: 2498
Ion Ratio Lower Upper
56 100
69 201.7 28.0 42.0#
84 255.0 87.4 131.0#

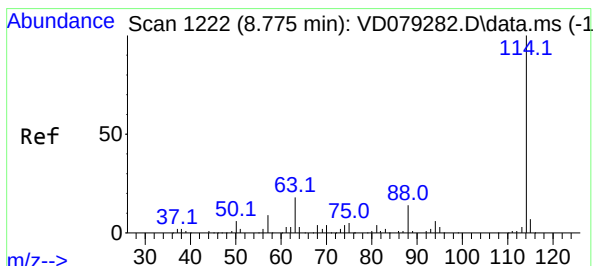
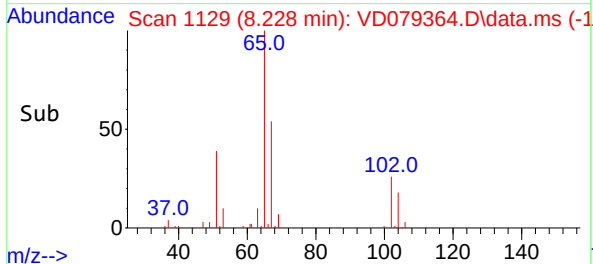
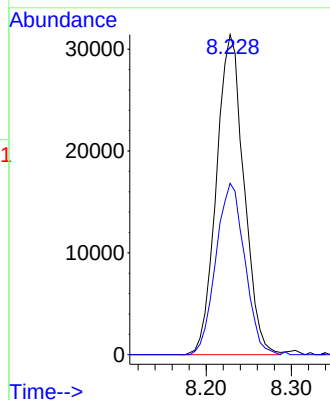
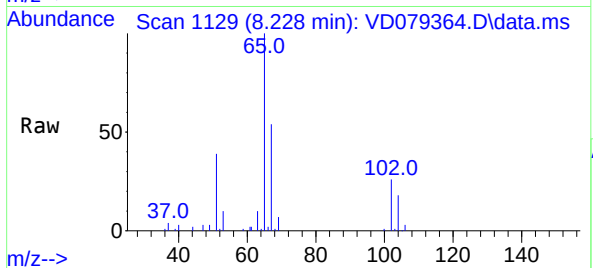




#33
1,2-Dichloroethane-d4
Concen: 55.080 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

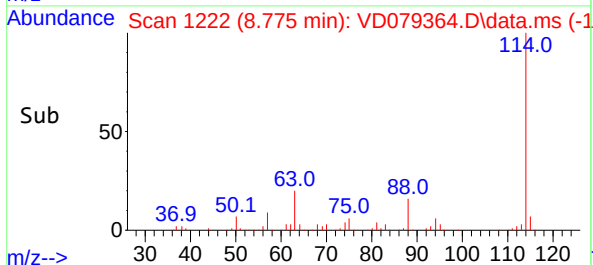
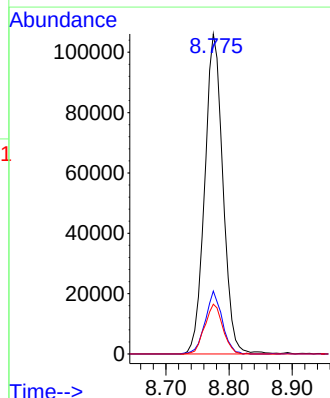
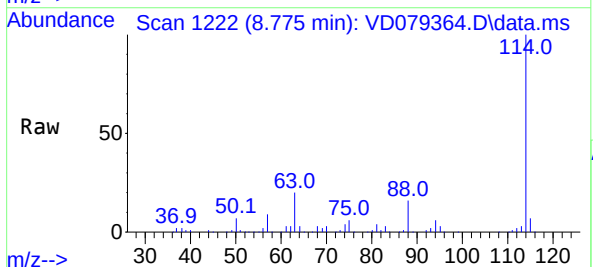
Instrument :
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ClientSampleId :
BP-VPB-196-GW-840-842RE

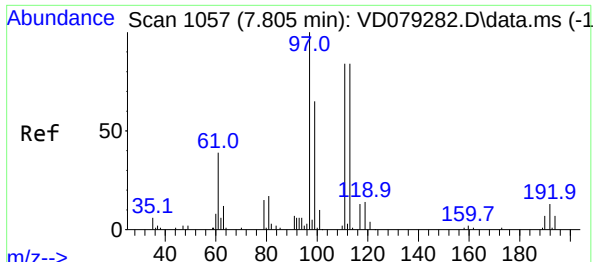
Tgt Ion: 65 Resp: 70532
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

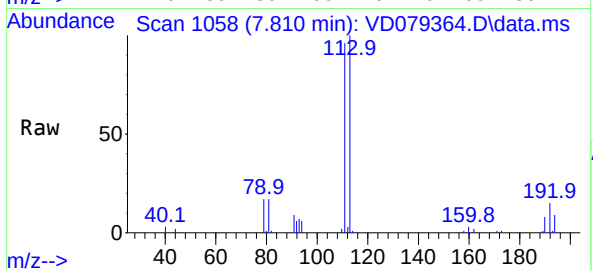
Tgt Ion:114 Resp: 212334
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.0
88 15.5 0.0 27.2



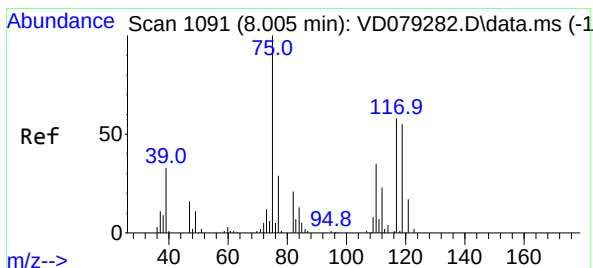
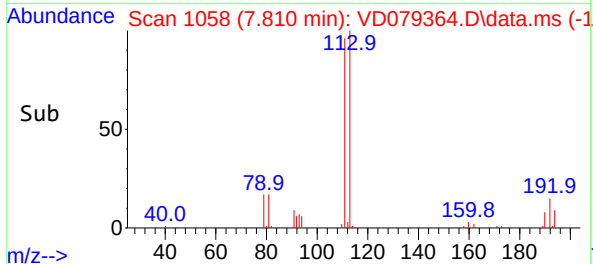
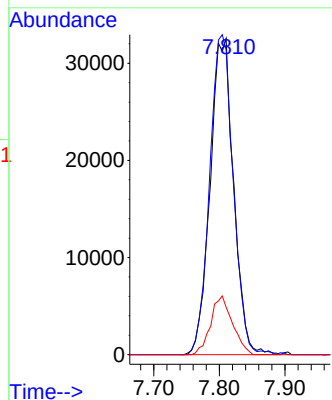


#35
Dibromofluoromethane
Concen: 53.967 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

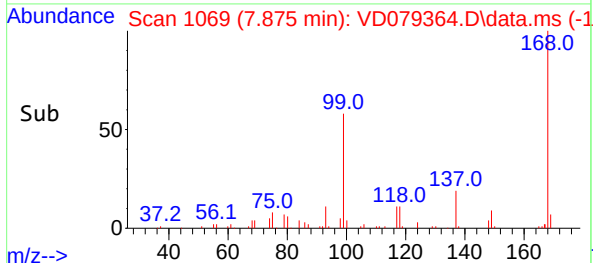
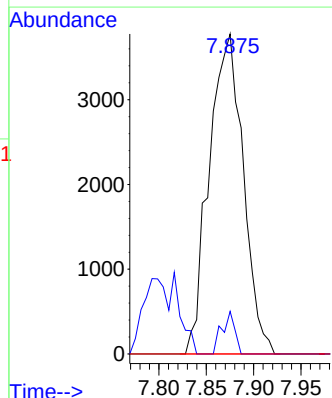
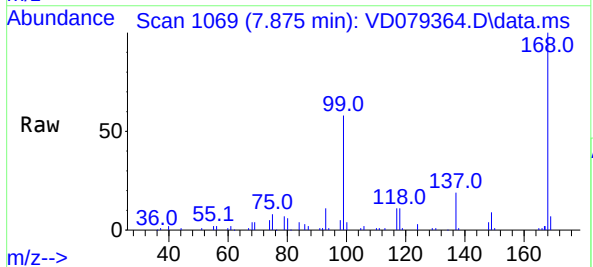


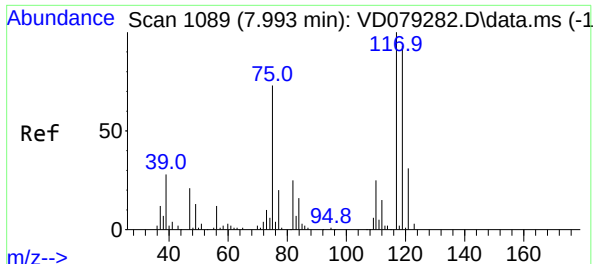
Tgt Ion:113 Resp: 80841
Ion Ratio Lower Upper
113 100
111 101.7 84.0 126.0
192 17.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

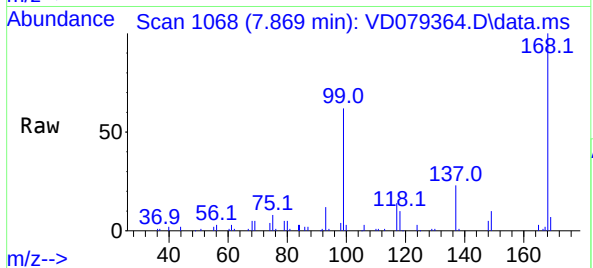
Tgt Ion: 75 Resp: 9445
Ion Ratio Lower Upper
75 100
110 5.1 19.6 58.7#
77 0.0 26.1 39.1#



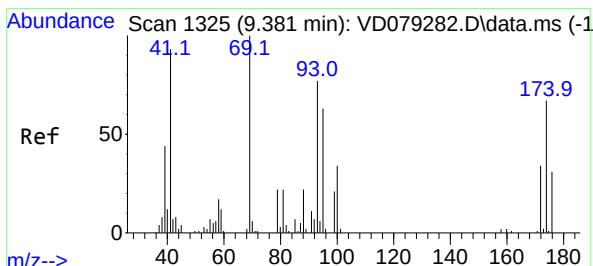
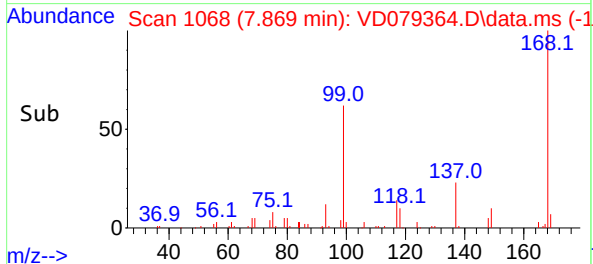
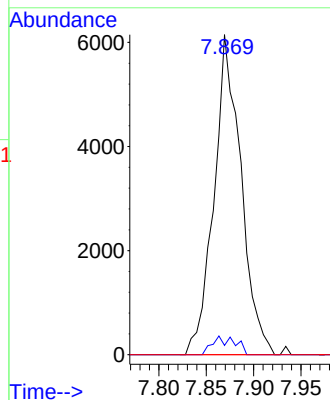


#38
Carbon Tetrachloride
Concen: 6.091 ug/l
RT: 7.869 min Scan# 117
Delta R.T. -0.118 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

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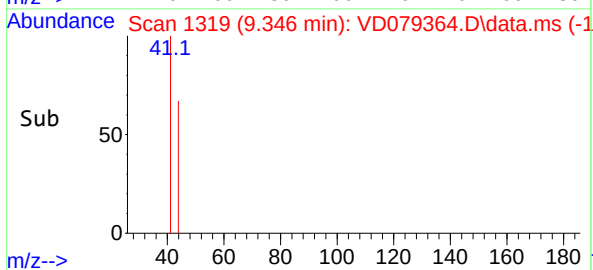
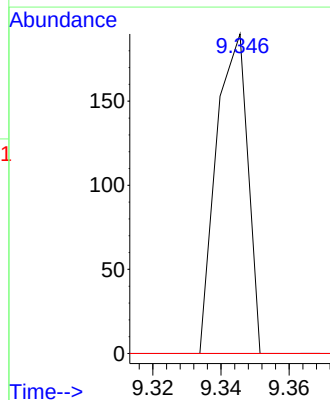
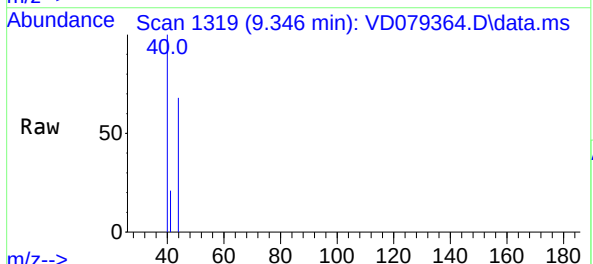


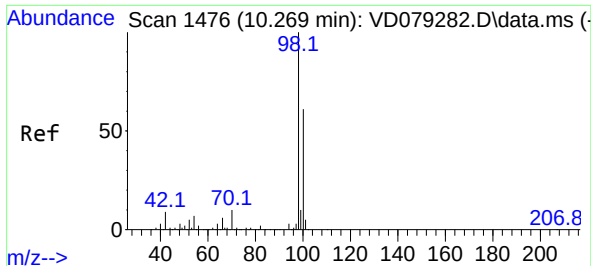
Tgt Ion:117 Resp: 12200
Ion Ratio Lower Upper
117 100
119 2.9 75.4 113.0#
121 0.0 25.0 37.4#



#48
Methyl methacrylate
Concen: 2.635 ug/l
RT: 9.346 min Scan# 1319
Delta R.T. -0.029 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 41 Resp: 121
Ion Ratio Lower Upper
41 100
69 0.0 96.7 145.1#
39 0.0 43.8 65.6#

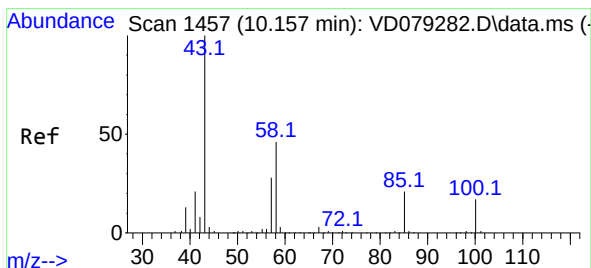
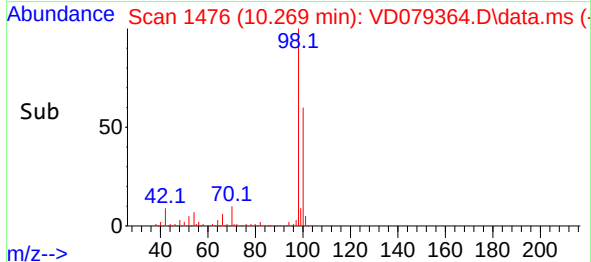
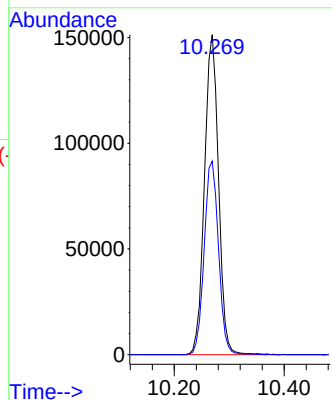
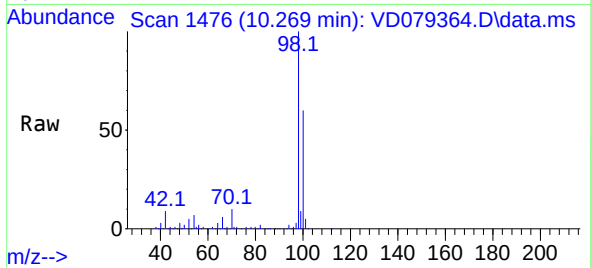




#50
Toluene-d8
Concen: 46.548 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

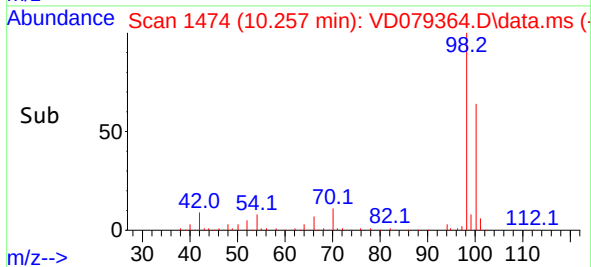
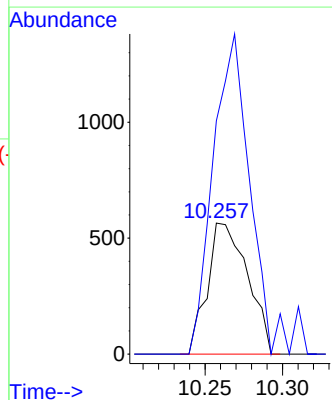
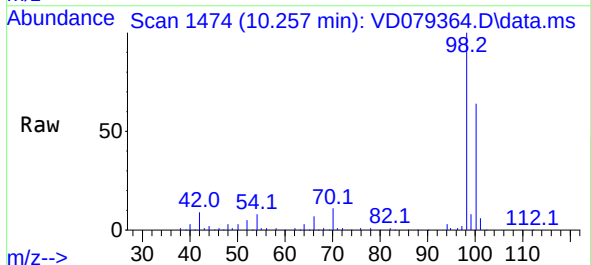
Instrument :
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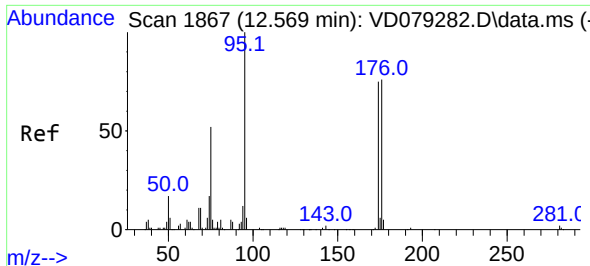
Tgt Ion: 98 Resp: 268789
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.264 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 43 Resp: 1019
Ion Ratio Lower Upper
43 100
58 223.1 36.6 55.0#

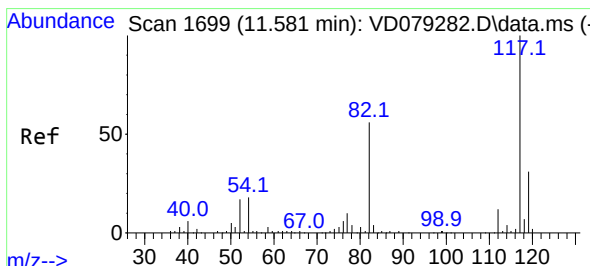
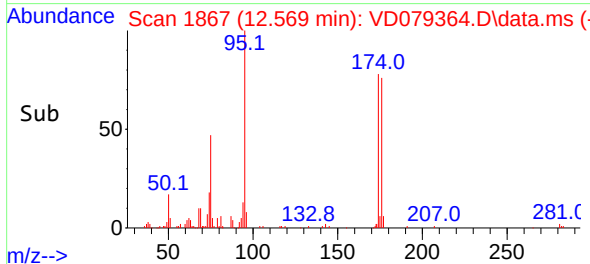
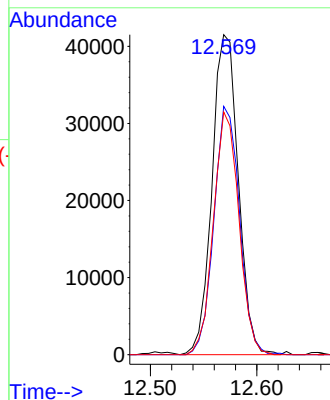
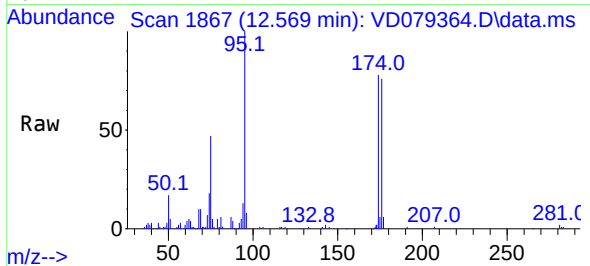




#62
4-Bromofluorobenzene
Concen: 39.611 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

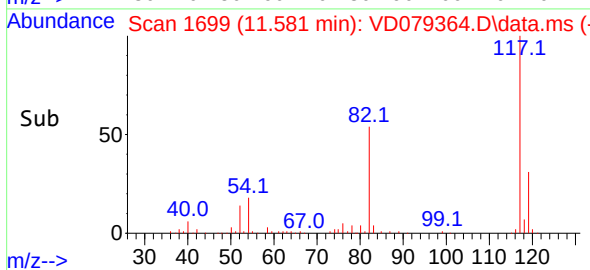
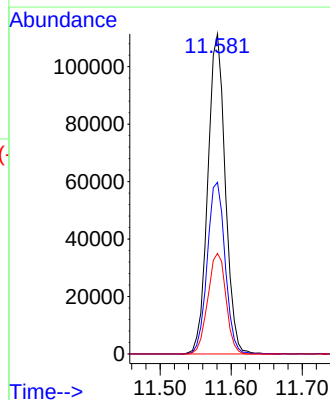
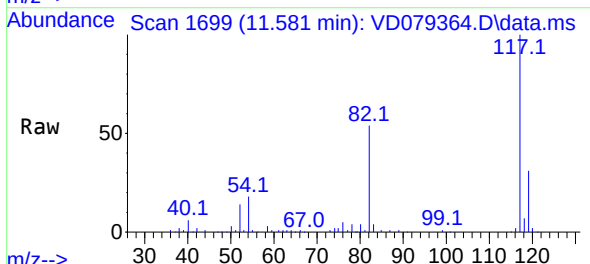
Instrument : MSVOA_D
ClientSampleId : BP-VPB-196-GW-840-842RE

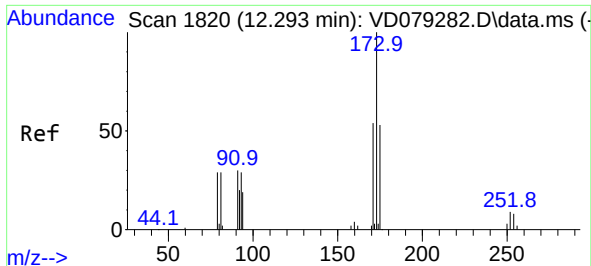
Tgt Ion:	95	Resp:	71092
Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	195.4
176	73.6	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion:	117	Resp:	190403
Ion	Ratio	Lower	Upper
117	100		
82	53.7	39.8	59.6
119	31.4	25.7	38.5

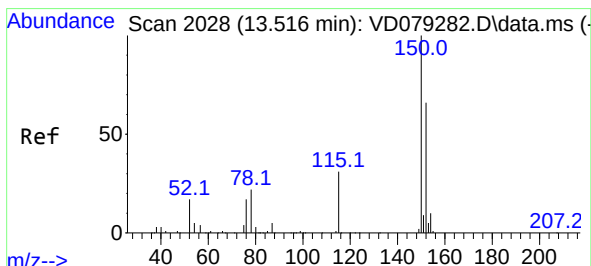
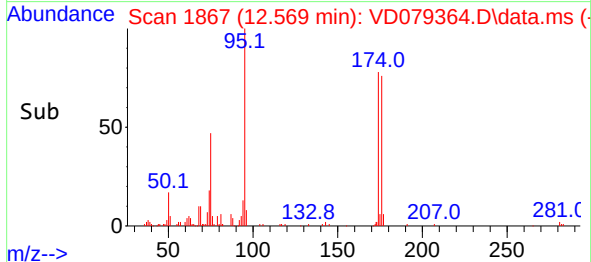
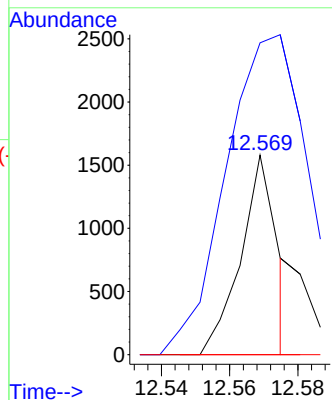
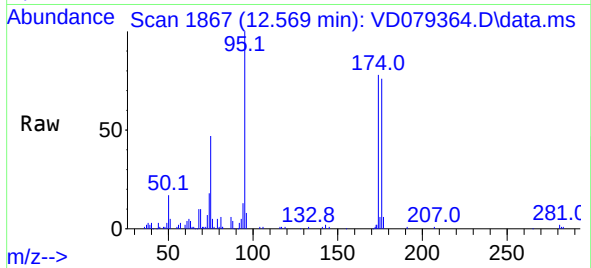




#71
Bromoform
Concen: 1.502 ug/l
RT: 12.569 min Scan# 1173
Delta R.T. 0.270 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

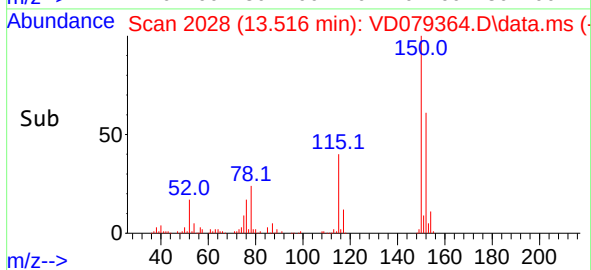
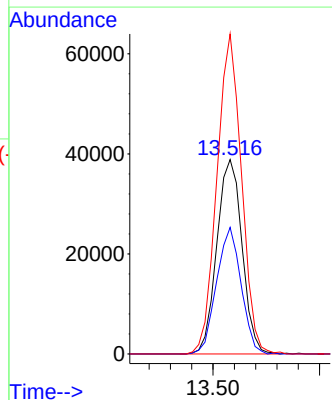
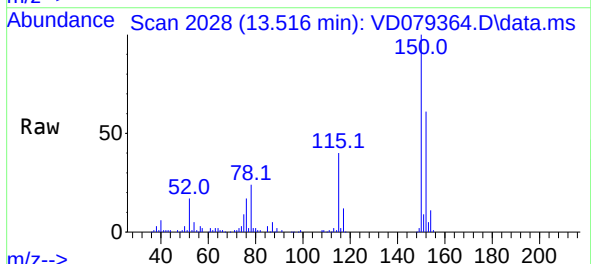
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

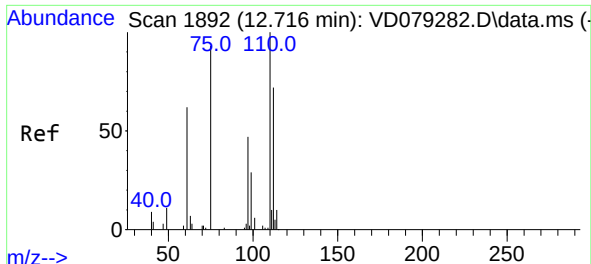
Tgt Ion:173 Resp: 1173
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion:152 Resp: 63812
Ion Ratio Lower Upper
152 100
115 63.3 26.5 79.5
150 160.5 0.0 341.6

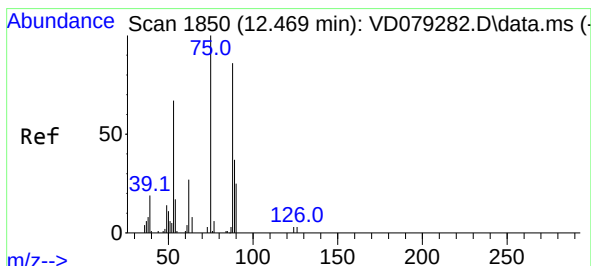
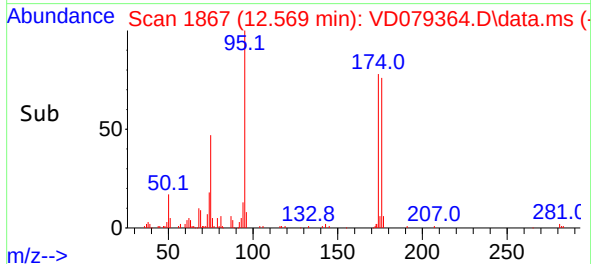
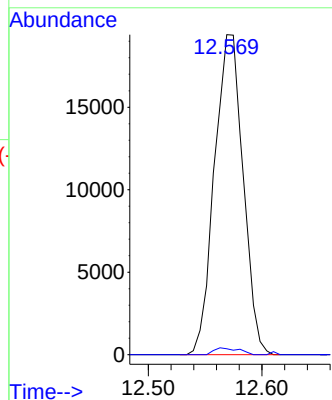
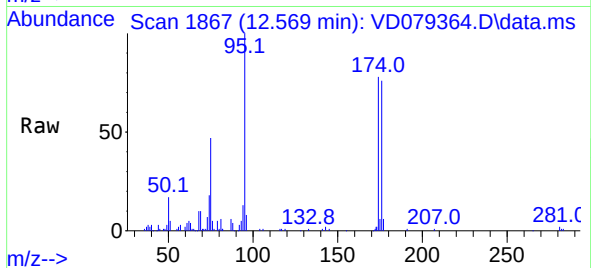




#76
1,2,3-Trichloropropane
Concen: 55.468 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842RE

Tgt Ion: 75 Resp: 34008
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.582 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079364.D
Acq: 09 Jul 2024 16:30

Tgt Ion: 75 Resp: 34008
Ion Ratio Lower Upper
75 100
53 0.4 61.4 92.2#
89 0.2 35.4 53.0#

