

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
 Data File : VD075624.D
 Acq On : 11 Apr 2023 17:09
 Operator : KP/SY
 Sample : 02258-02
 Misc : 4.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230211-5-1

Quant Time: Apr 12 02:57:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 18:54:55 2023
 Response via : Initial Calibration

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

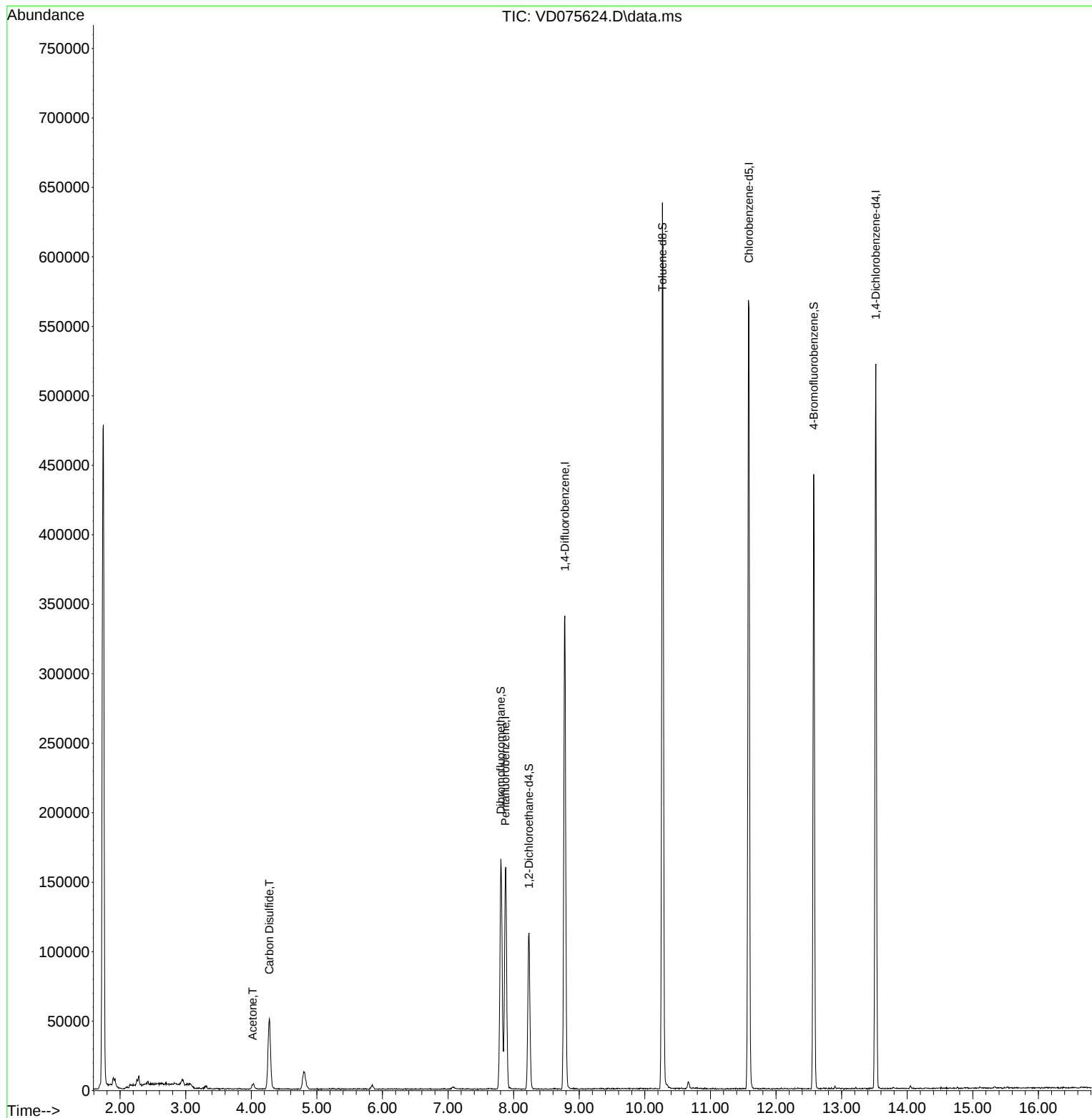
Internal Standards						
1) Pentafluorobenzene	7.875	168	129686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	332401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	363875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	146742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	87415	82.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.340%#	
35) Dibromofluoromethane	7.804	113	121927	62.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.180%	
50) Toluene-d8	10.269	98	478969	62.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.360%	
62) 4-Bromofluorobenzene	12.575	95	138140	58.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.000%	
Target Compounds						Qvalue
16) Acetone	4.022	43	6135	31.648	ug/l	90
17) Carbon Disulfide	4.275	76	110224	35.425	ug/l	98

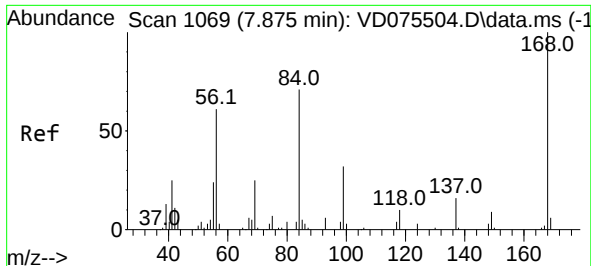
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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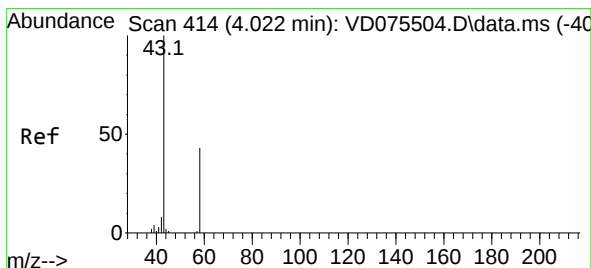
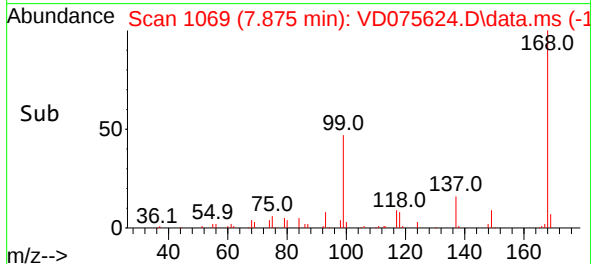
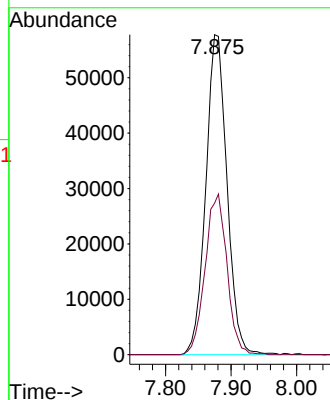
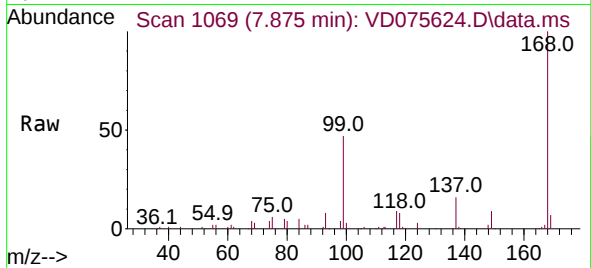




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

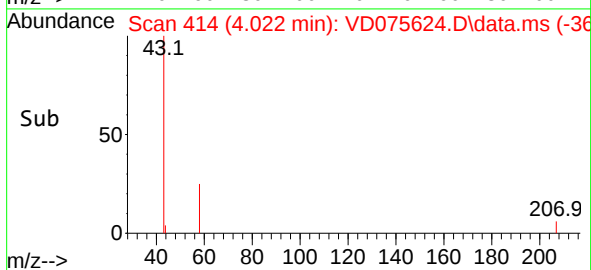
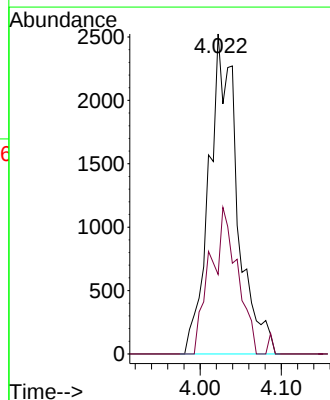
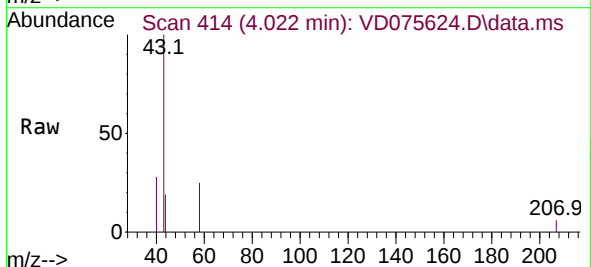
Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

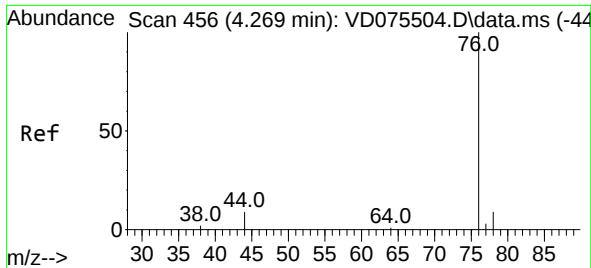
Tgt Ion:168 Resp: 129686
Ion Ratio Lower Upper
168 100
99 47.3 43.8 65.6



#16
Acetone
Concen: 31.648 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

Tgt Ion: 43 Resp: 6135
Ion Ratio Lower Upper
43 100
58 24.8 24.4 36.6

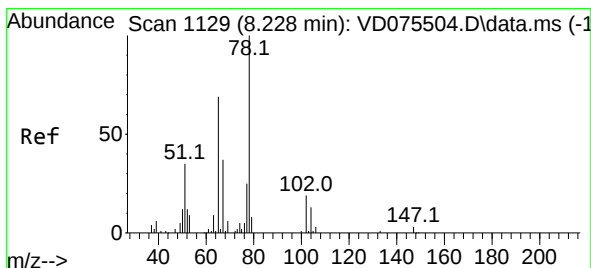
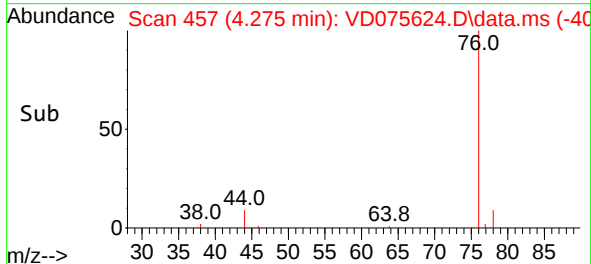
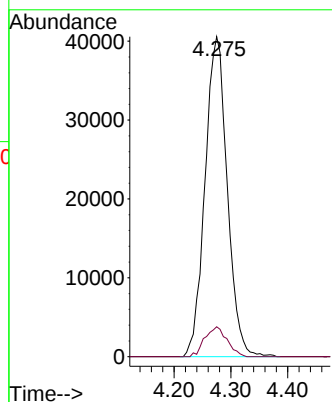
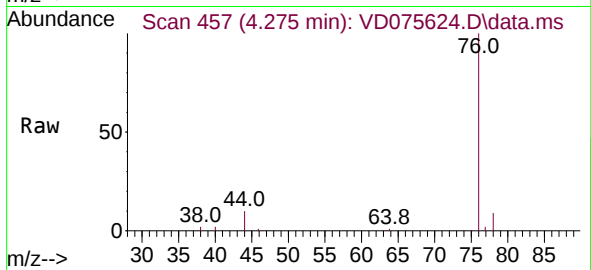




#17
Carbon Disulfide
Concen: 35.425 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

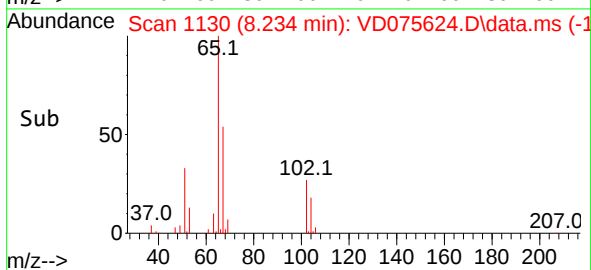
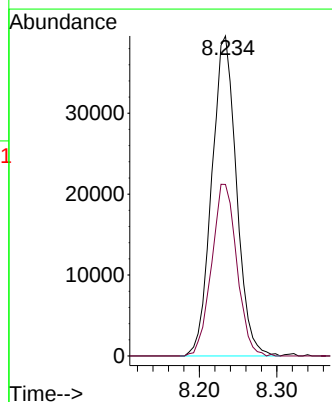
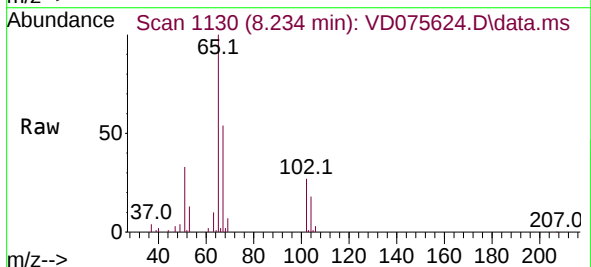
Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

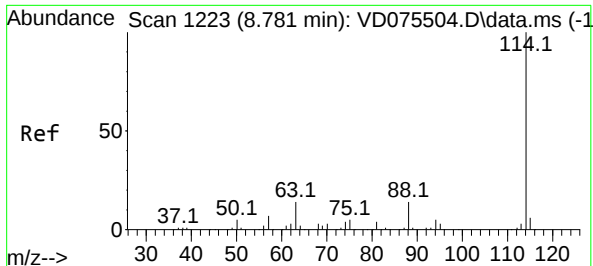
Tgt Ion: 76 Resp: 110224
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#33
1,2-Dichloroethane-d4
Concen: 82.166 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

Tgt Ion: 65 Resp: 87415
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.2

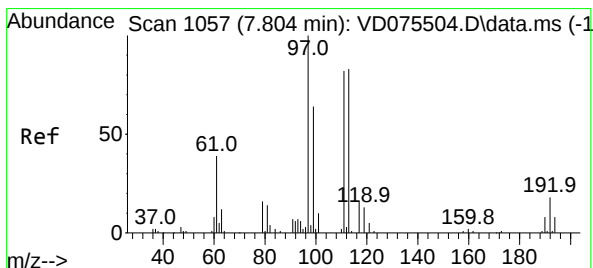
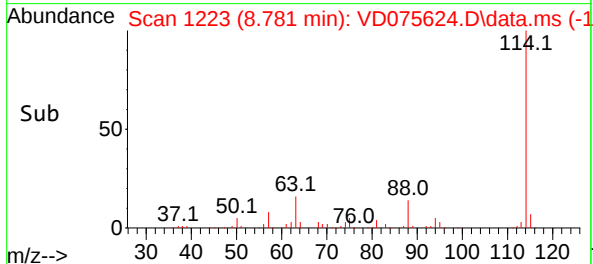
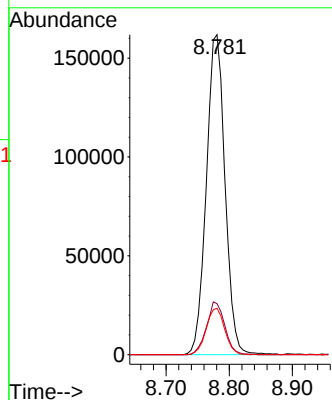
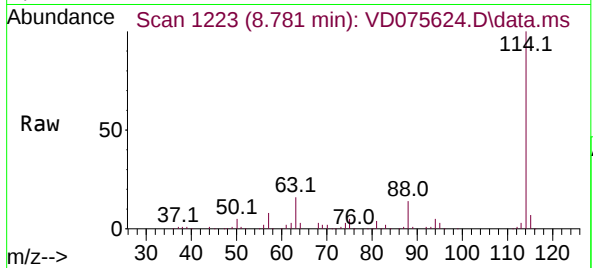




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

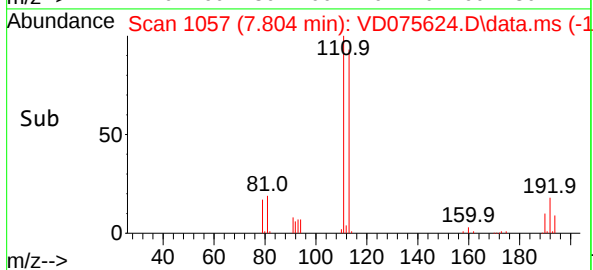
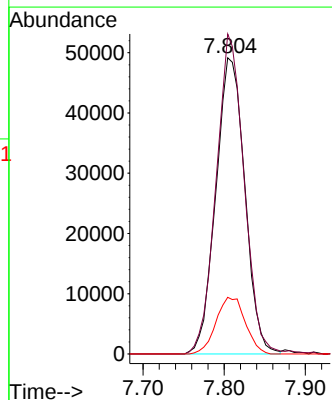
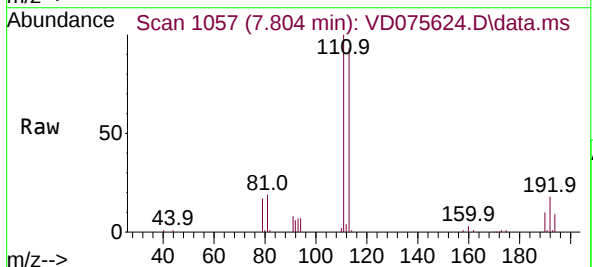
Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

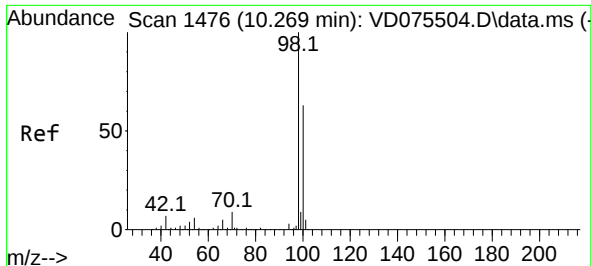
Tgt Ion:114 Resp: 332401
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.6
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 62.589 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

Tgt Ion:113 Resp: 121927
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 19.3 15.2 22.8

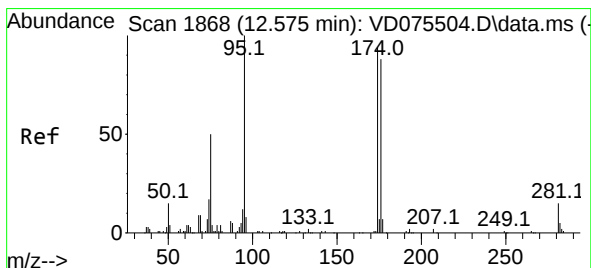
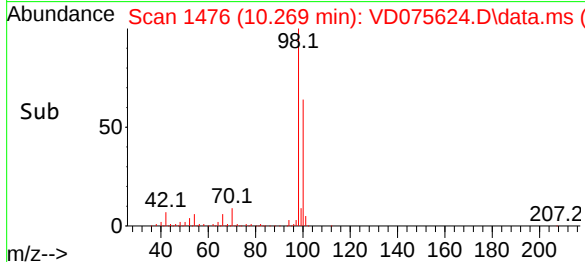
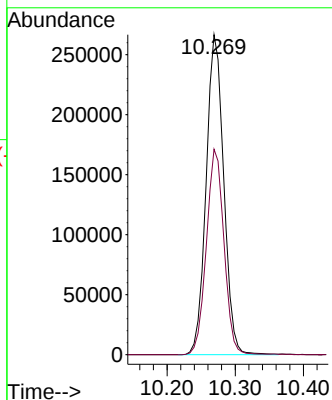
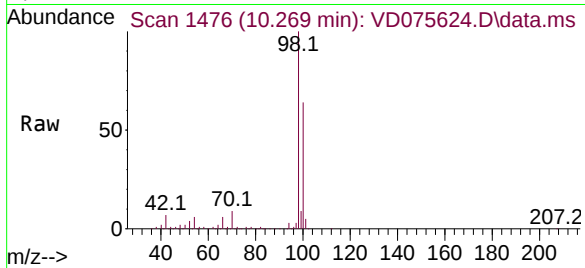




#50
Toluene-d8
Concen: 62.684 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

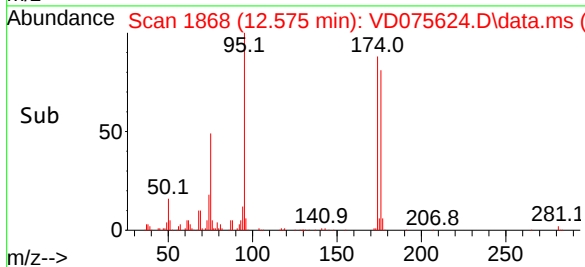
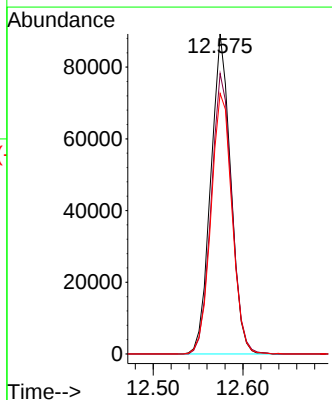
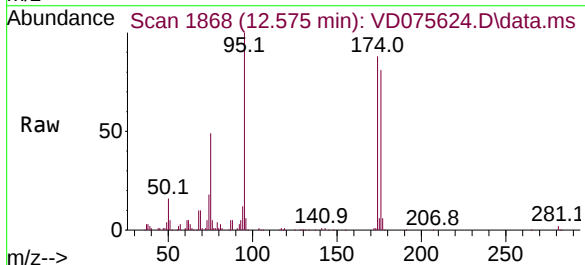
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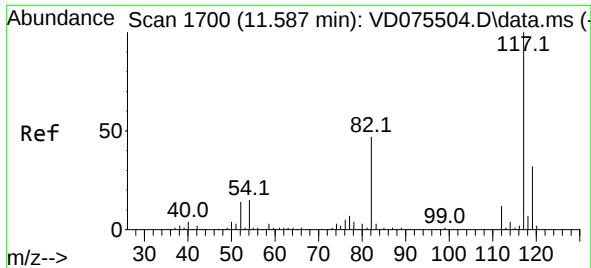
Tgt Ion: 98 Resp: 478969
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.497 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

Tgt Ion: 95 Resp: 138140
Ion Ratio Lower Upper
95 100
174 90.2 0.0 164.0
176 85.4 0.0 156.8

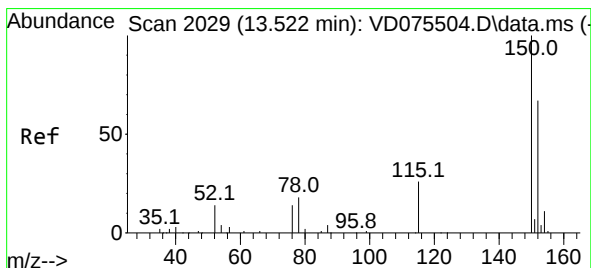
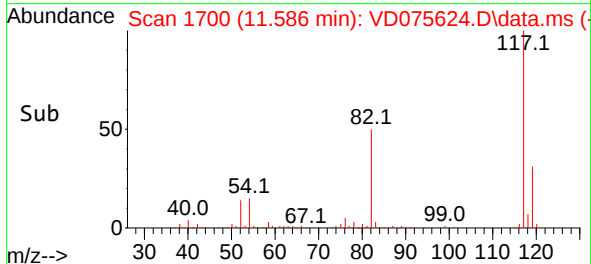
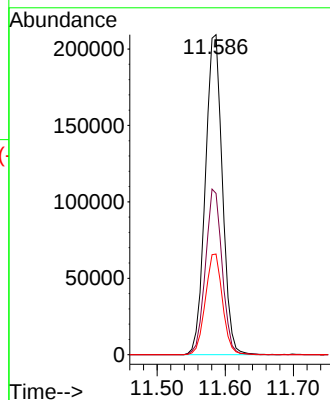
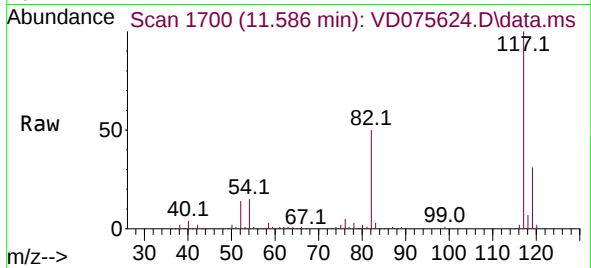




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :
20230211-5-1

Tgt Ion:117 Resp: 363875
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075624.D
Acq: 11 Apr 2023 17:09

Tgt Ion:152 Resp: 146742
Ion Ratio Lower Upper
152 100
115 55.9 30.1 90.3
150 161.6 0.0 364.8

