

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075601.D
 Acq On : 07 Apr 2023 15:18
 Operator : KP/SY
 Sample : 02208-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124035

Quant Time: Apr 10 02:06:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

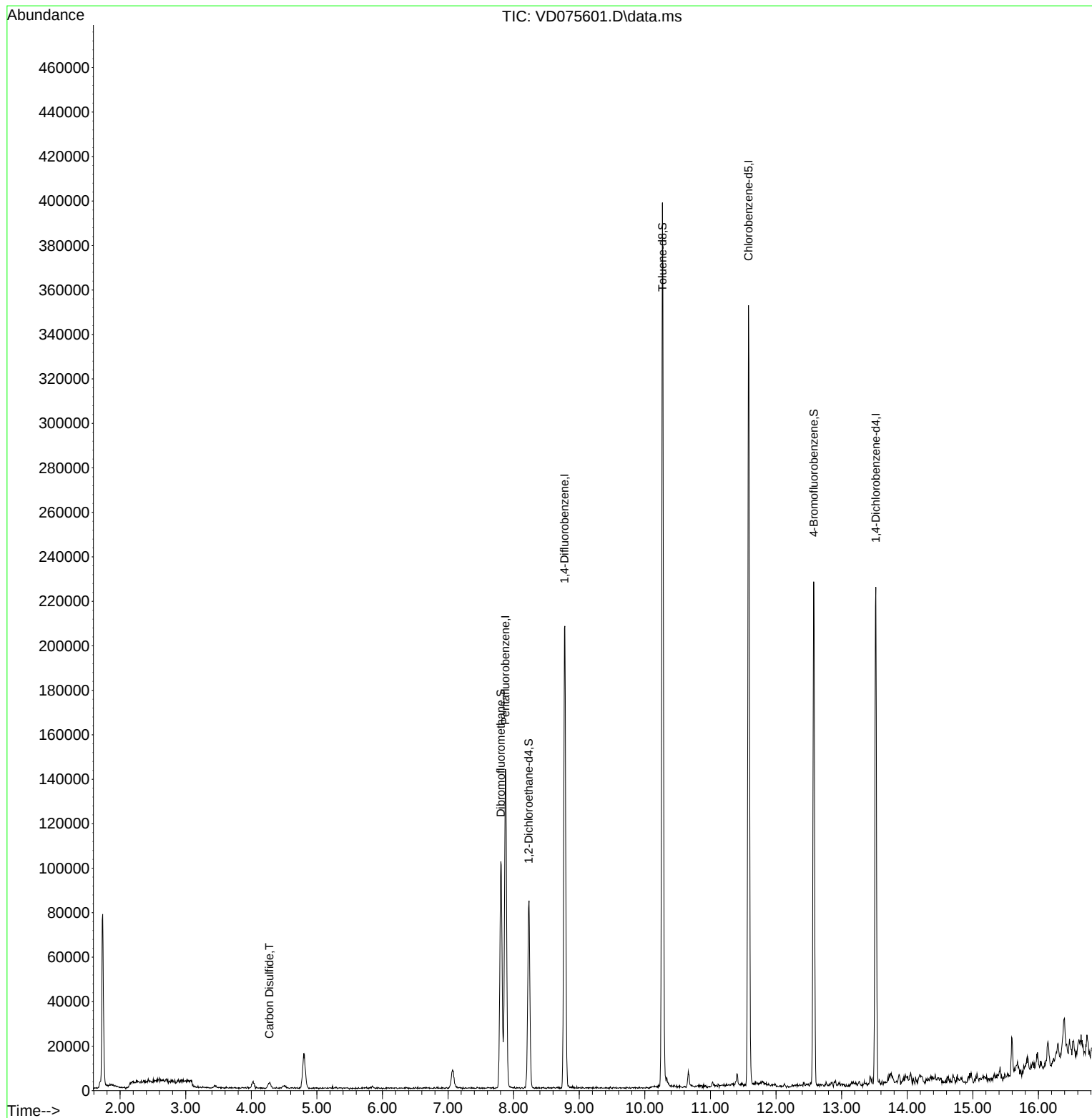
Internal Standards						
1) Pentafluorobenzene	7.875	168	115903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	233540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63633	60.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.020%	
35) Dibromofluoromethane	7.804	113	77179	54.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.269	98	290136	52.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	12.575	95	69469	43.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.500%	
Target Compounds						
17) Carbon Disulfide	4.275	76	5187	1.193	ug/l	Qvalue 97

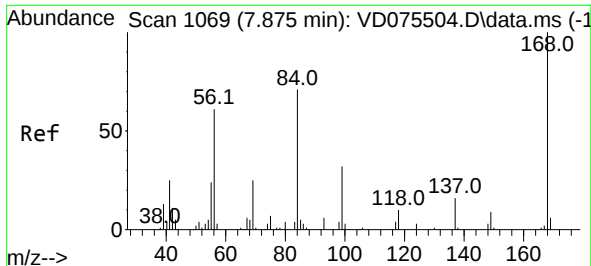
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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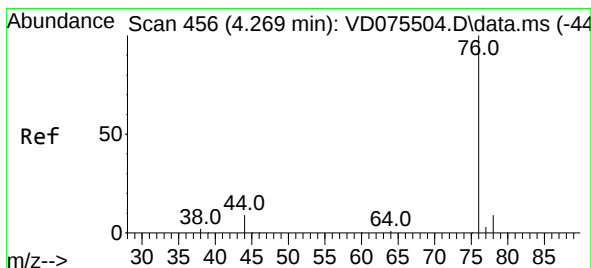
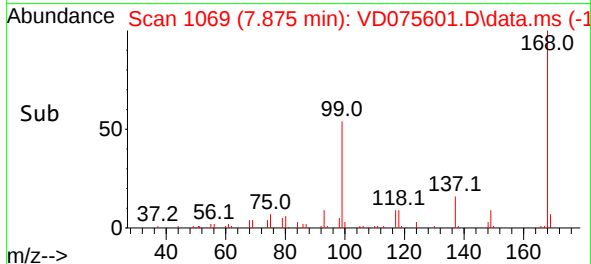
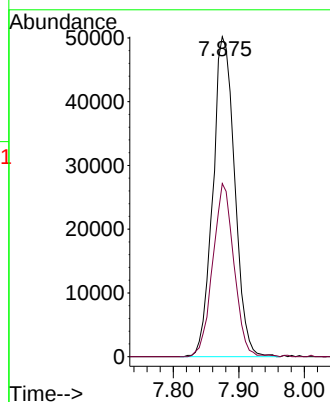
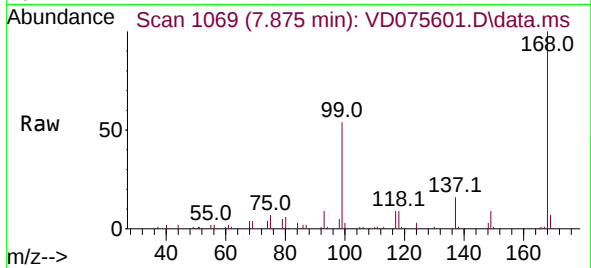




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

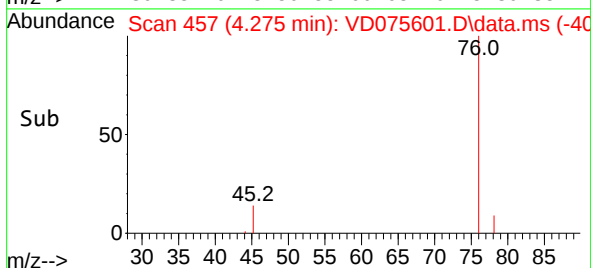
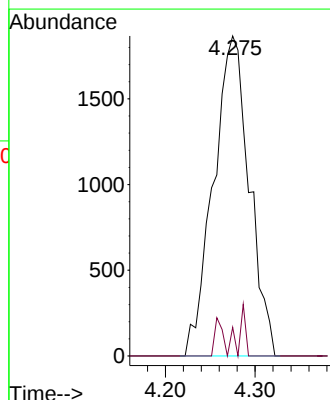
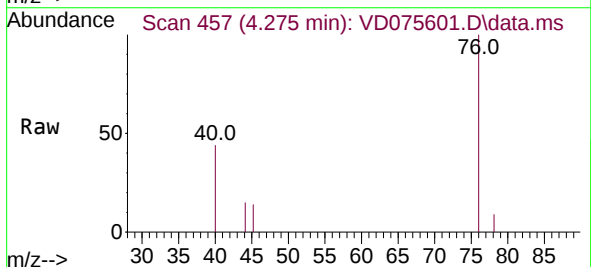
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

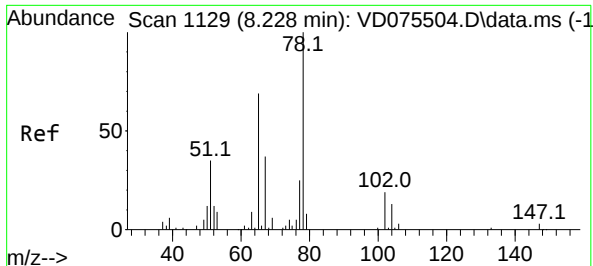
Tgt Ion:168 Resp: 115903
Ion Ratio Lower Upper
168 100
99 54.1 43.8 65.6



#17
Carbon Disulfide
Concen: 1.193 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

Tgt Ion: 76 Resp: 5187
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0

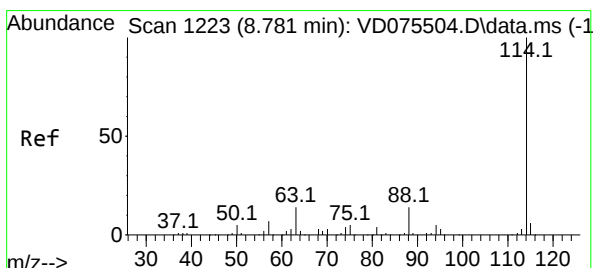
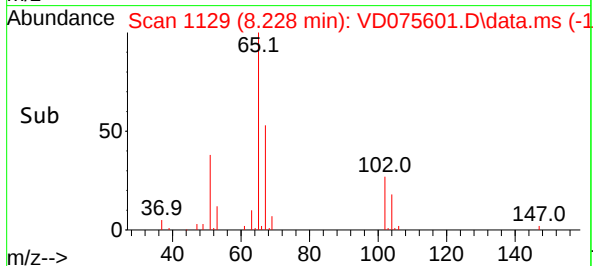
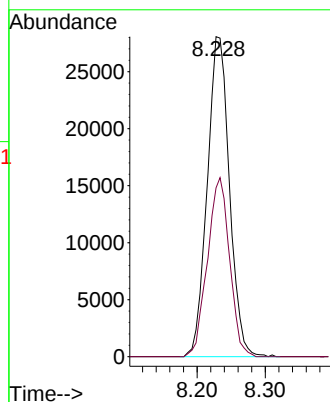
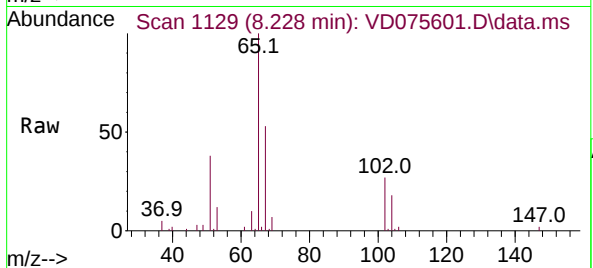




#33
1,2-Dichloroethane-d4
Concen: 60.506 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

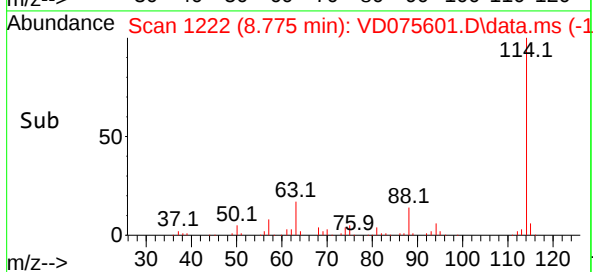
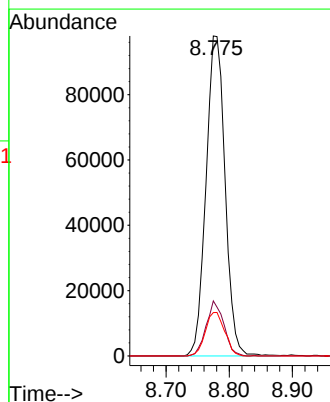
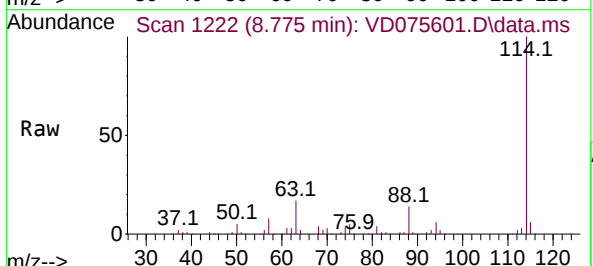
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

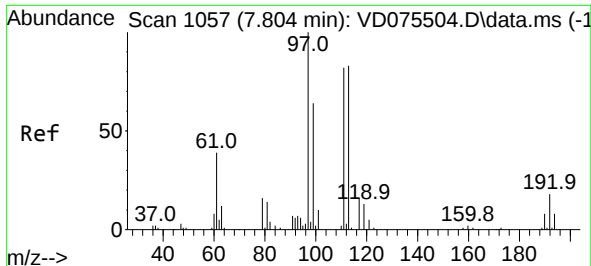
Tgt Ion: 65 Resp: 63633
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

Tgt Ion:114 Resp: 205360
Ion Ratio Lower Upper
114 100
63 17.2 0.0 41.6
88 13.6 0.0 30.6

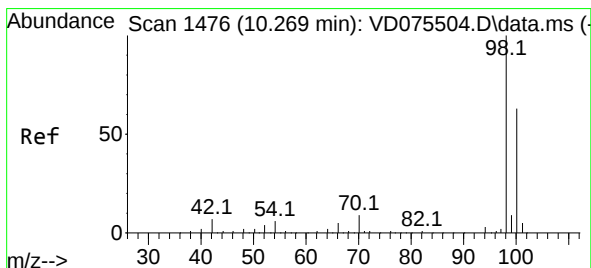
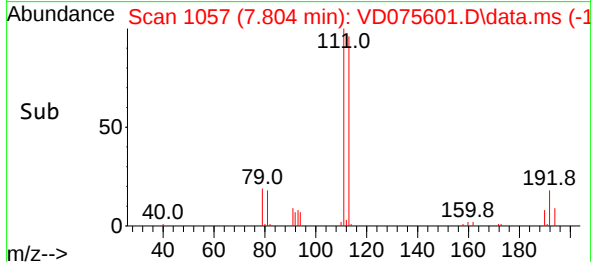
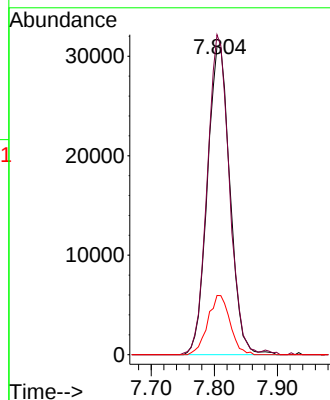
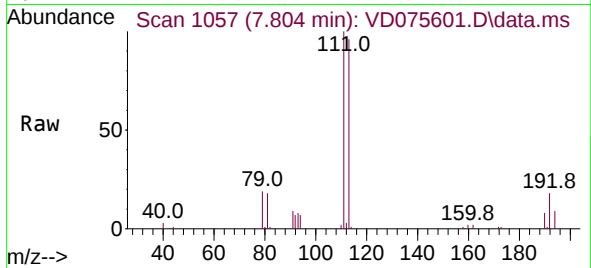




#35
Dibromofluoromethane
Concen: 54.873 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

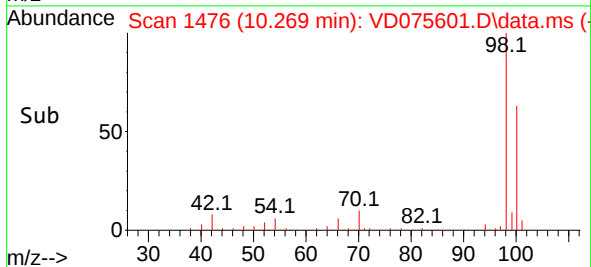
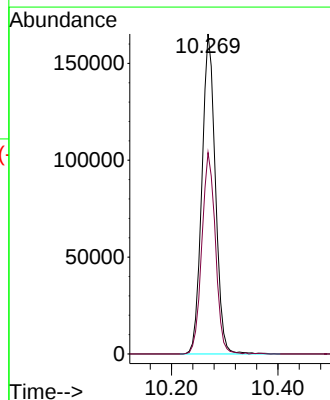
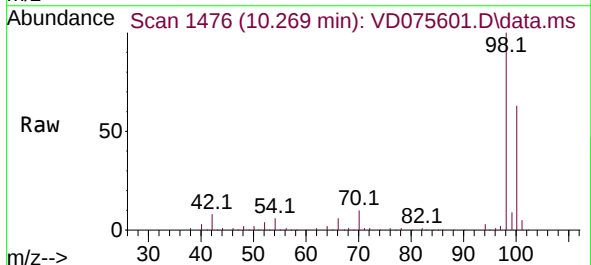
Instrument :
MSVOA_D
ClientSampleId :
RO-124035

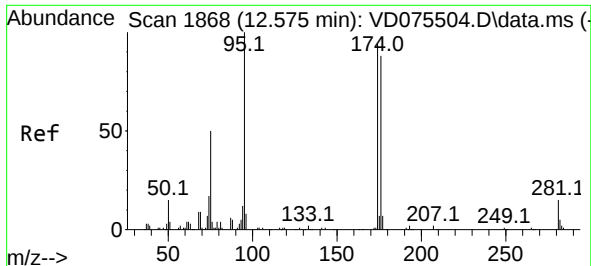
Tgt Ion:113 Resp: 77179
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 18.9 15.2 22.8



#50
Toluene-d8
Concen: 52.217 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

Tgt Ion: 98 Resp: 290136
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

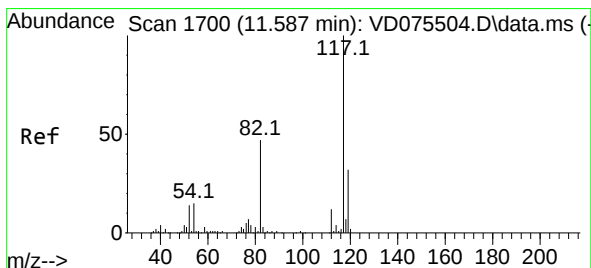
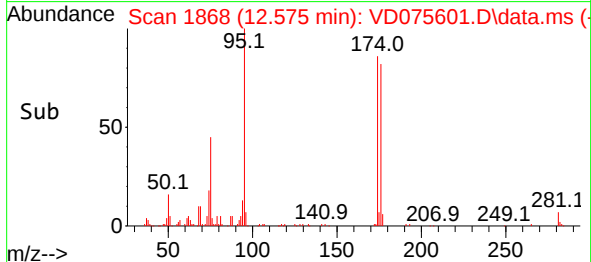
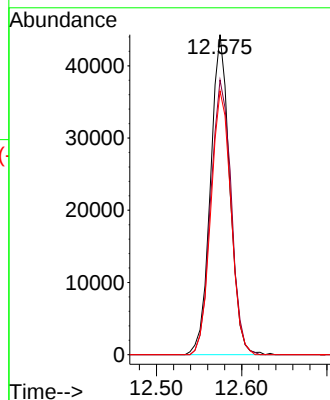
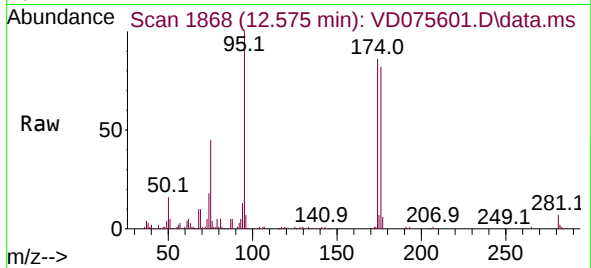




#62
4-Bromofluorobenzene
Concen: 43.249 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

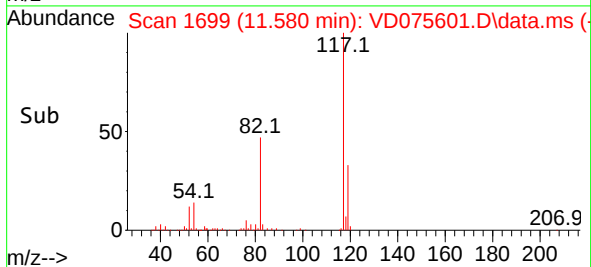
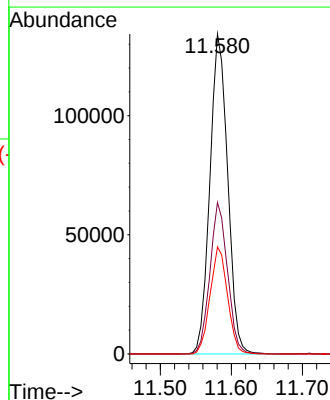
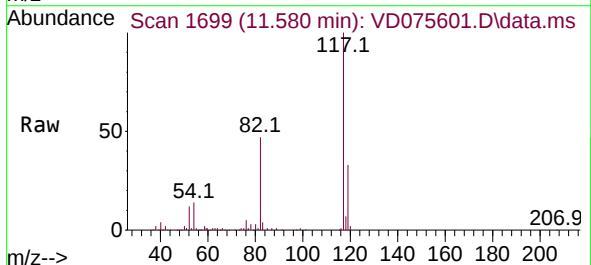
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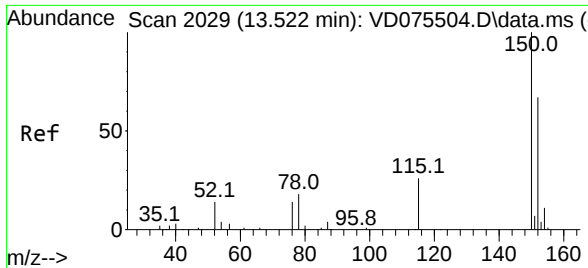
Tgt Ion: 95 Resp: 69469
Ion Ratio Lower Upper
95 100
174 90.9 0.0 164.0
176 85.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

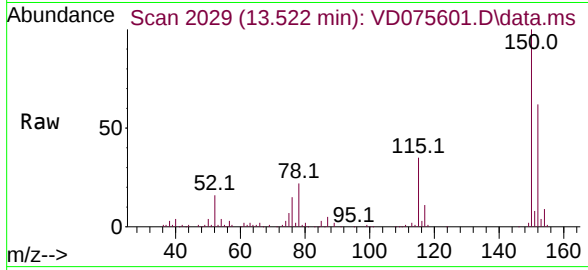
Tgt Ion: 117 Resp: 233540
Ion Ratio Lower Upper
117 100
82 47.4 44.0 66.0
119 33.5 25.1 37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD075601.D
Acq: 07 Apr 2023 15:18

Instrument :
MSVOA_D
ClientSampleId :
RO-124035



Tgt Ion:152 Resp: 64157
Ion Ratio Lower Upper
152 100
115 56.7 30.1 90.3
150 157.3 0.0 364.8

