

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075684.D
 Acq On : 14 Apr 2023 17:30
 Operator : KP/SY
 Sample : 02258-03
 Misc : 3.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230215-6-1

Quant Time: Apr 17 09:12:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

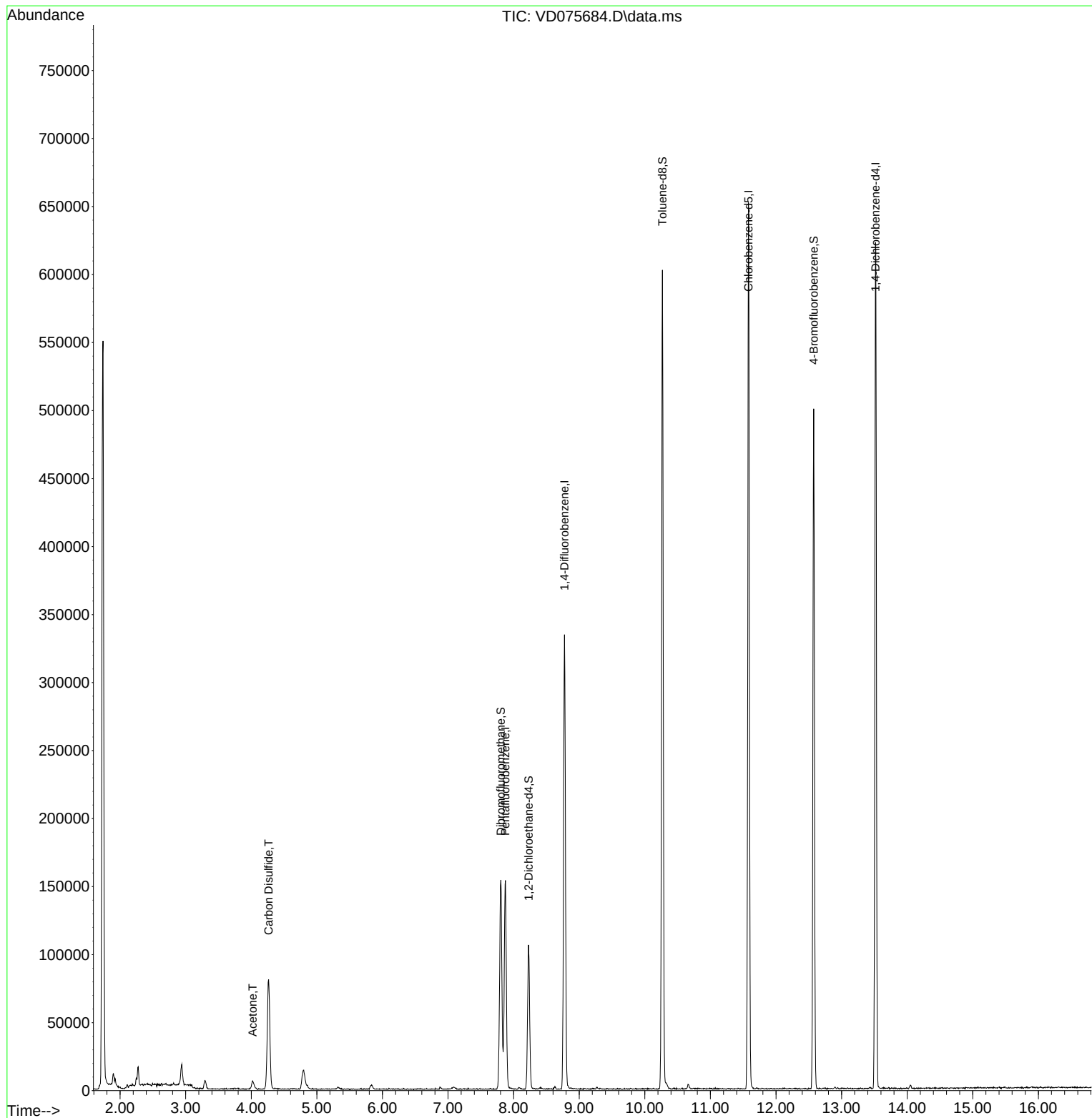
Internal Standards						
1) Pentafluorobenzene	7.875	168	124990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	320622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	406854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	182376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80843	68.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.280%	
35) Dibromofluoromethane	7.805	113	115371	53.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.269	98	436853	50.586	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.575	95	157978	68.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	9571	44.035	ug/l	96
17) Carbon Disulfide	4.264	76	173105	37.785	ug/l	98

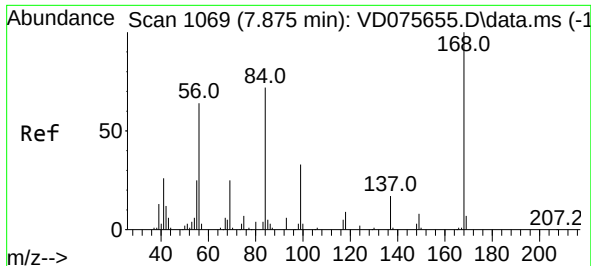
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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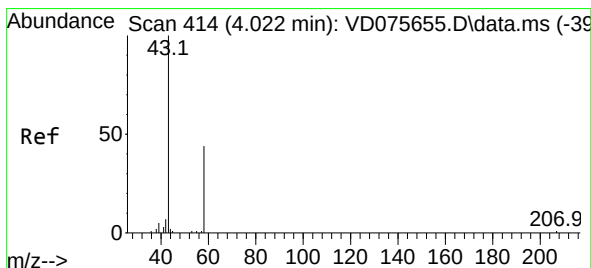
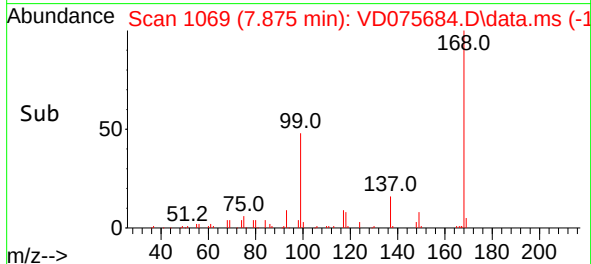
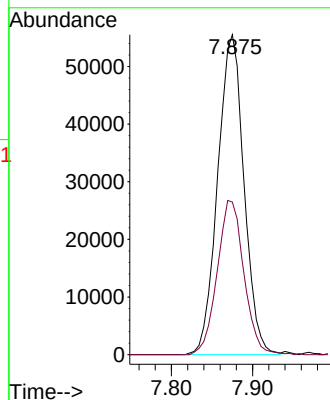
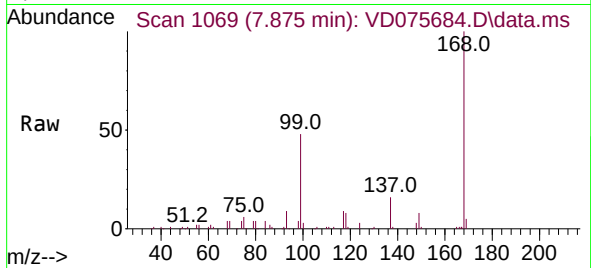




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

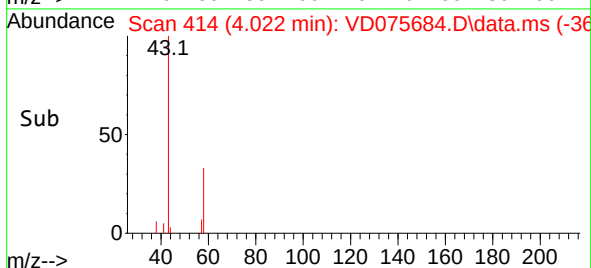
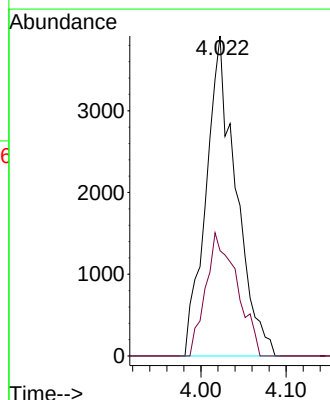
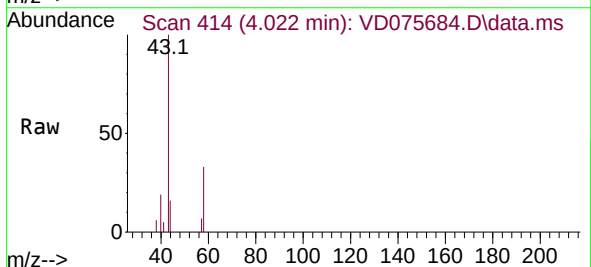
Instrument :
MSVOA_D
ClientSampleId :
20230215-6-1

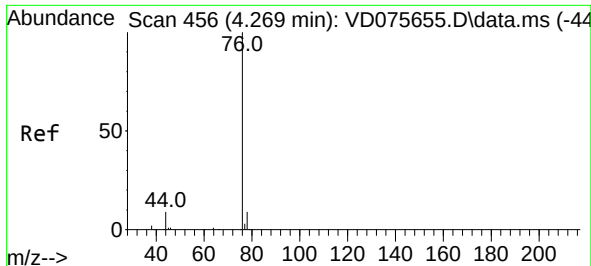
Tgt Ion:168 Resp: 124990
Ion Ratio Lower Upper
168 100
99 47.7 43.8 65.6



#16
Acetone
Concen: 44.035 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

Tgt Ion: 43 Resp: 9571
Ion Ratio Lower Upper
43 100
58 32.9 24.4 36.6

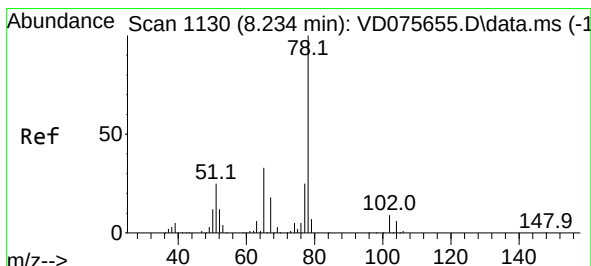
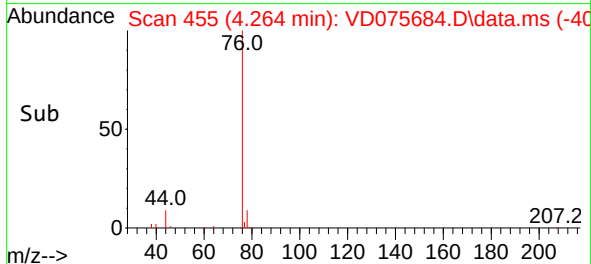
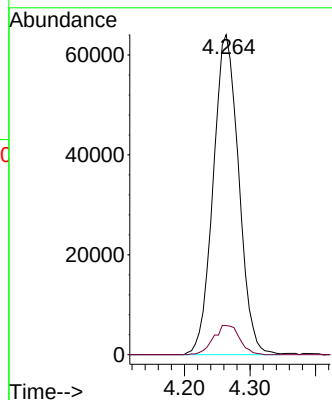
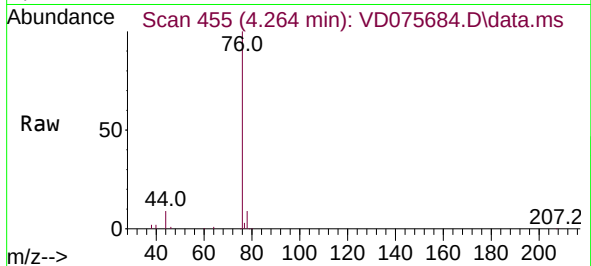




#17
Carbon Disulfide
Concen: 37.785 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

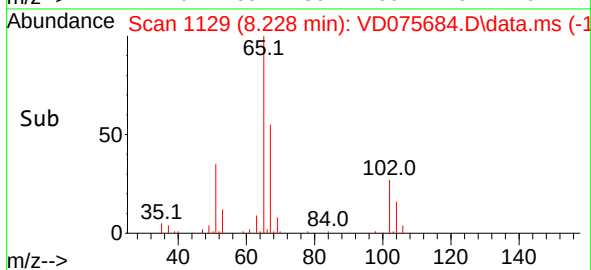
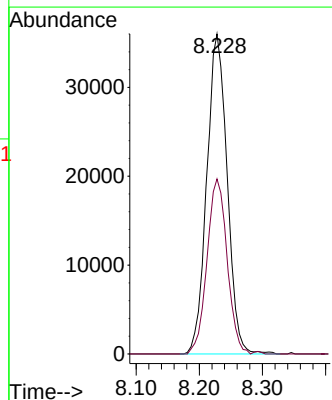
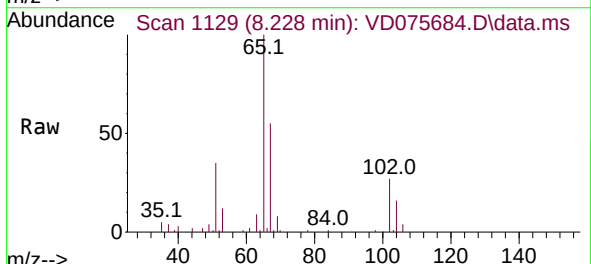
Instrument :
MSVOA_D
ClientSampleId :
20230215-6-1

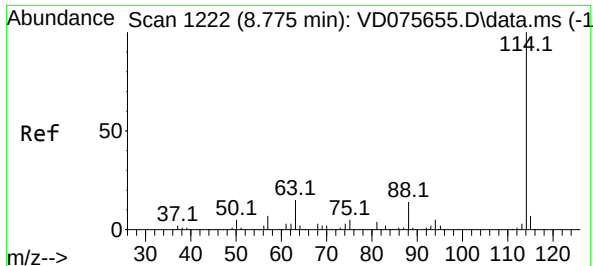
Tgt Ion: 76 Resp: 173105
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#33
1,2-Dichloroethane-d4
Concen: 68.142 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

Tgt Ion: 65 Resp: 80843
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075684.D

Acq: 14 Apr 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

20230215-6-1

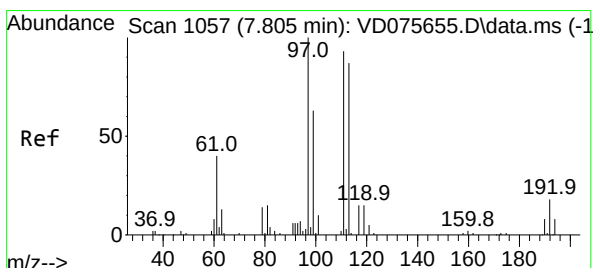
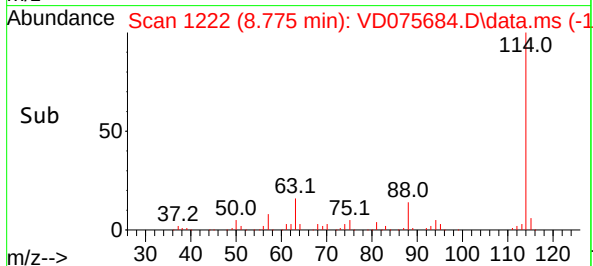
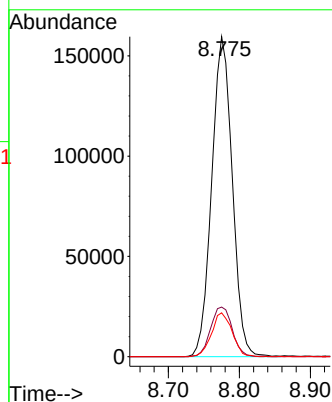
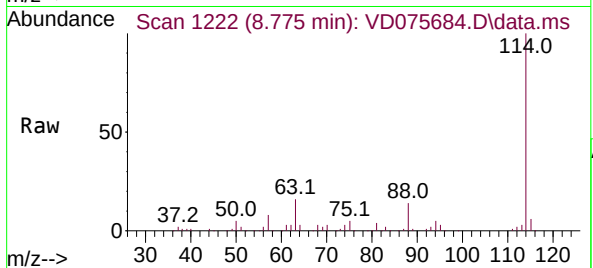
Tgt Ion:114 Resp: 320622

Ion Ratio Lower Upper

114 100

63 15.5 0.0 41.6

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.499 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075684.D

Acq: 14 Apr 2023 17:30

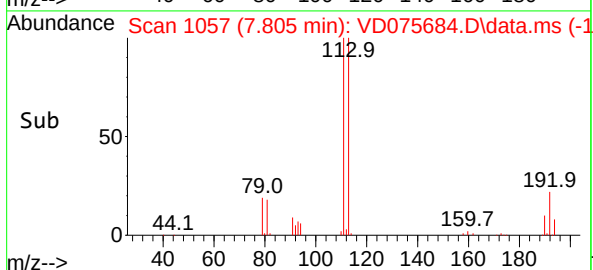
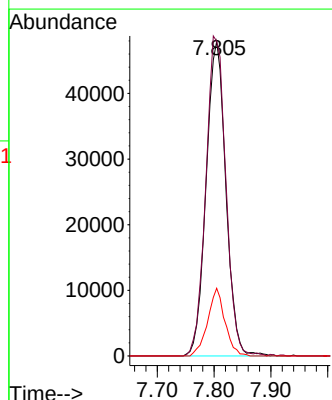
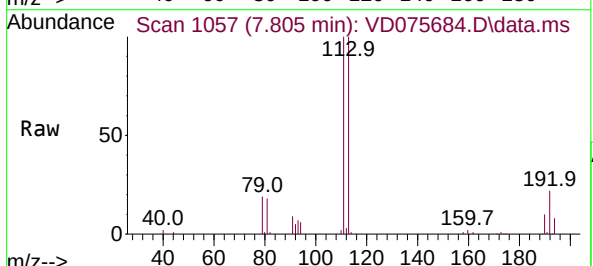
Tgt Ion:113 Resp: 115371

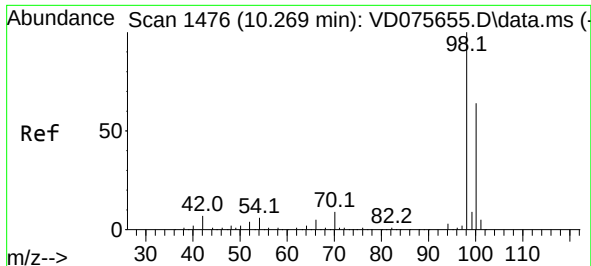
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 18.9 15.2 22.8

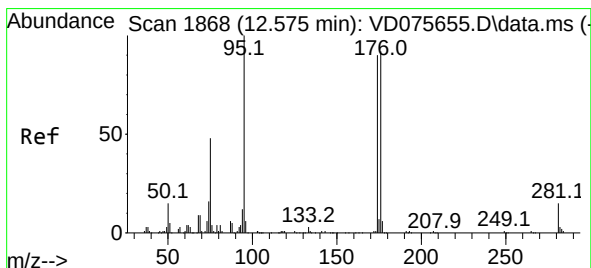
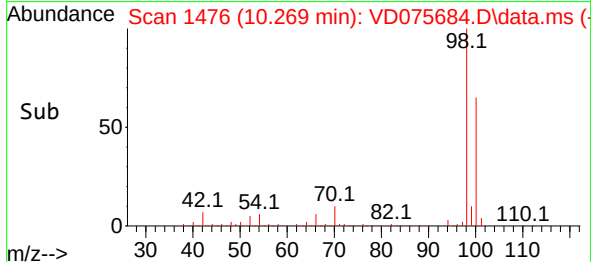
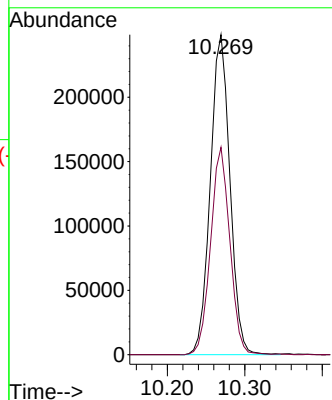
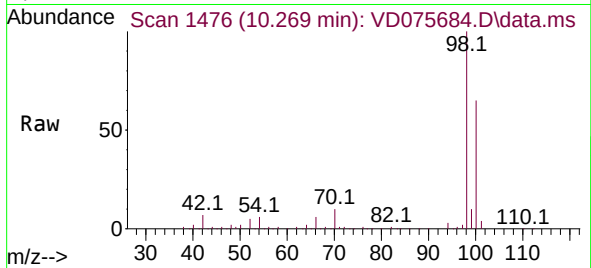




#50
Toluene-d8
Concen: 50.586 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

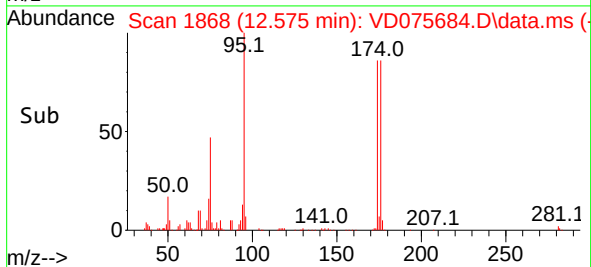
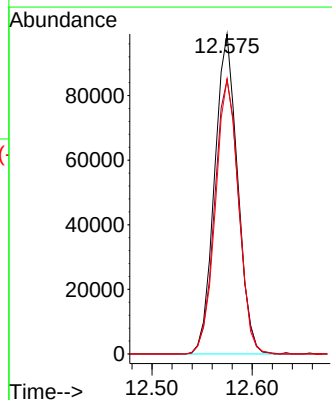
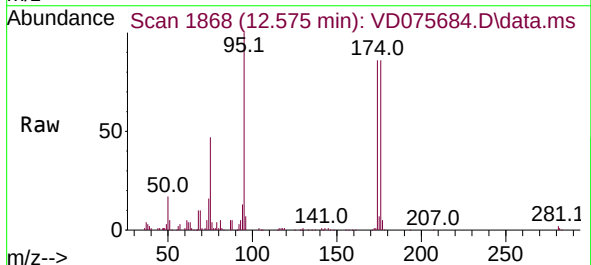
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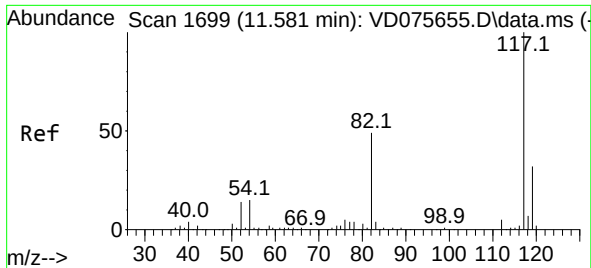
Tgt Ion: 98 Resp: 436853
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 68.824 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

Tgt Ion: 95 Resp: 157978
Ion Ratio Lower Upper
95 100
174 88.9 0.0 164.0
176 86.5 0.0 156.8

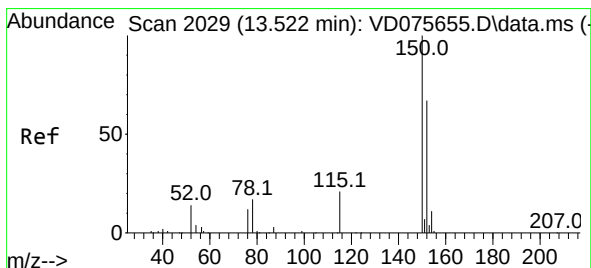
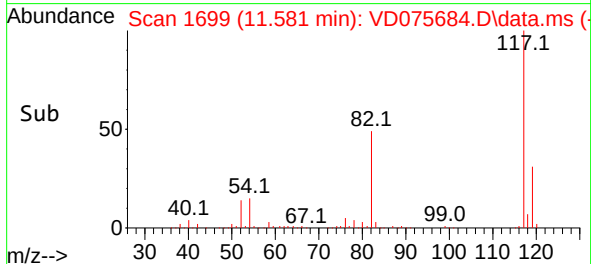
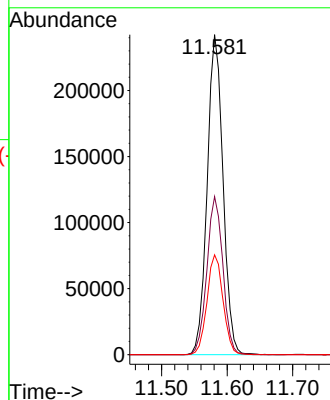
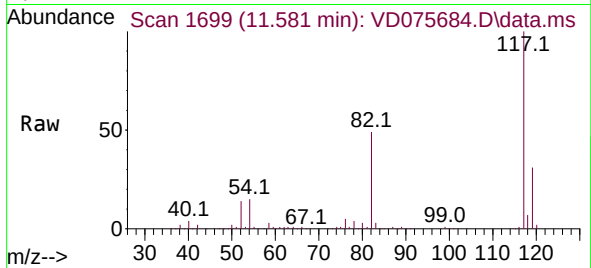




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :
20230215-6-1

Tgt Ion:117 Resp: 406854
Ion Ratio Lower Upper
117 100
82 49.4 44.0 66.0
119 31.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075684.D
Acq: 14 Apr 2023 17:30

Tgt Ion:152 Resp: 182376
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 158.7 0.0 364.8

