

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075702.D
 Acq On : 17 Apr 2023 15:40
 Operator : KP/SY
 Sample : 02347-02
 Misc : 4.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230246-13-4

Quant Time: Apr 18 01:18:21 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)

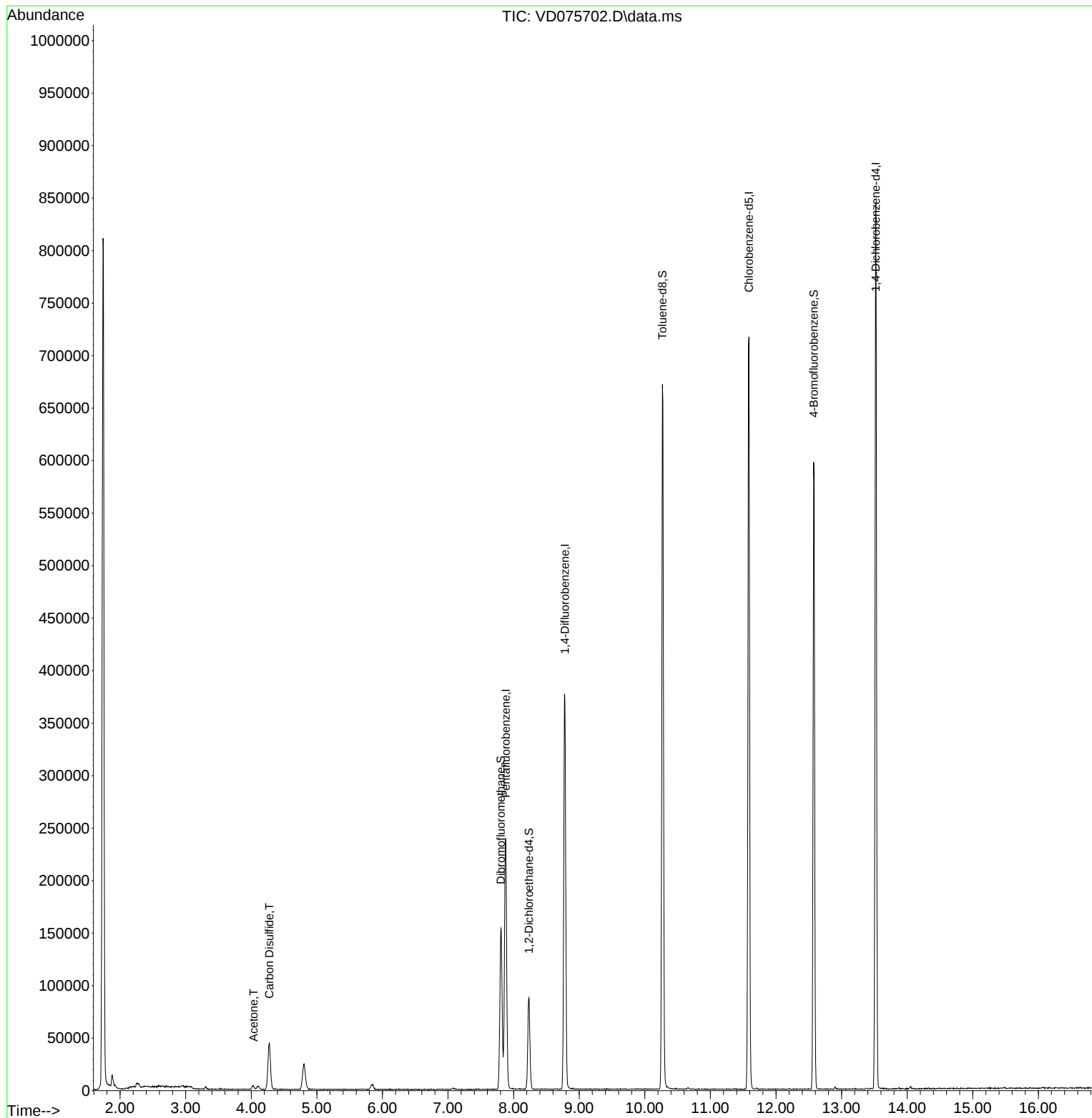
Internal Standards						
1) Pentafluorobenzene	7.881	168	213654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	390111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	460778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	240528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68138	33.599	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.200%
35) Dibromofluoromethane	7.805	113	115311	43.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.269	98	504766	48.038	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.575	95	189554	67.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.740%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	6034	16.241	ug/l #	67
17) Carbon Disulfide	4.275	76	97439	12.443	ug/l #	94

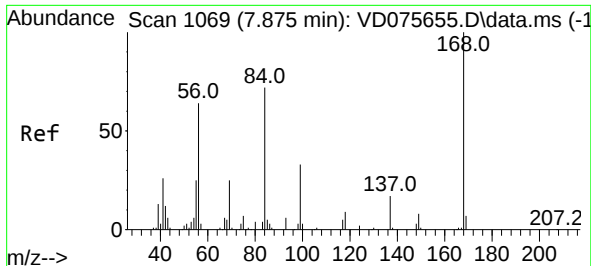
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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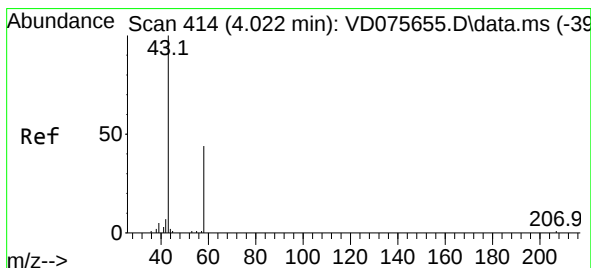
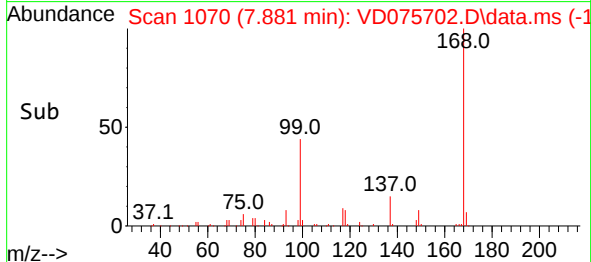
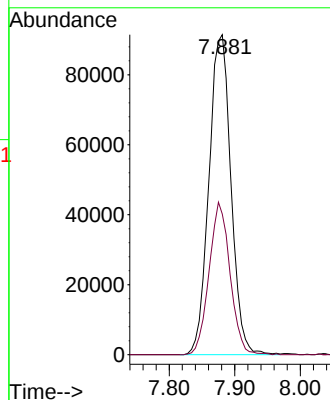
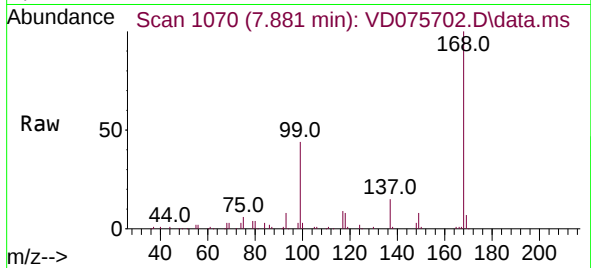




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

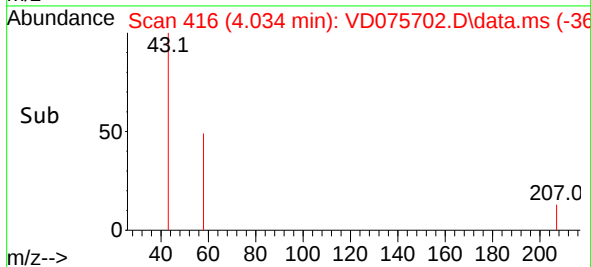
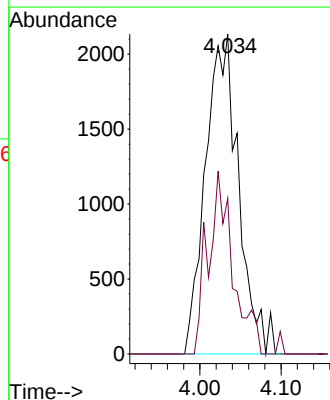
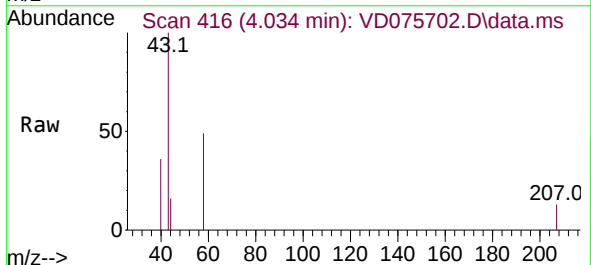
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

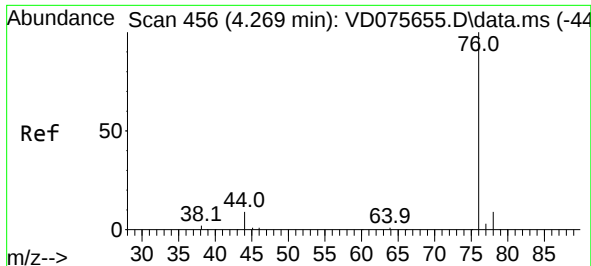
Tgt Ion:168 Resp: 213654
Ion Ratio Lower Upper
168 100
99 44.0 43.8 65.6



#16
Acetone
Concen: 16.241 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 43 Resp: 6034
Ion Ratio Lower Upper
43 100
58 48.6 24.4 36.6#

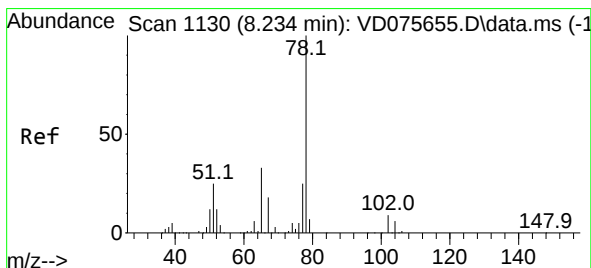
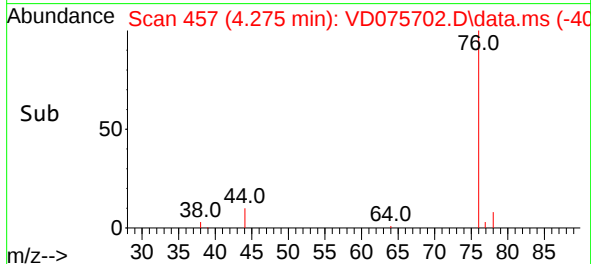
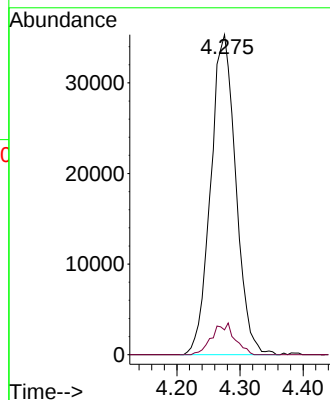
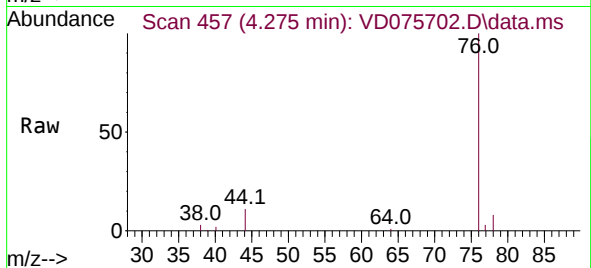




#17
Carbon Disulfide
Concen: 12.443 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

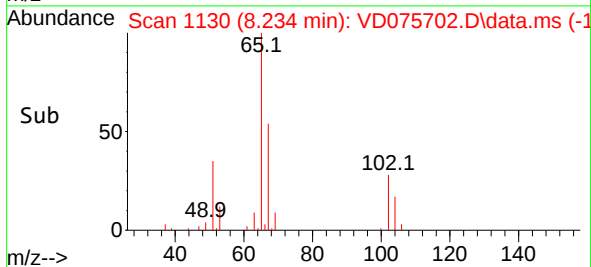
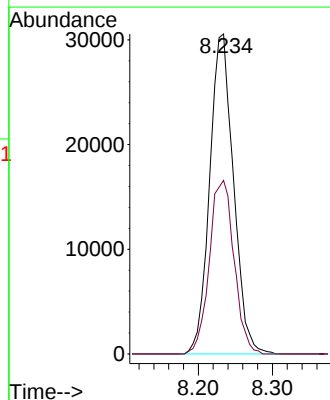
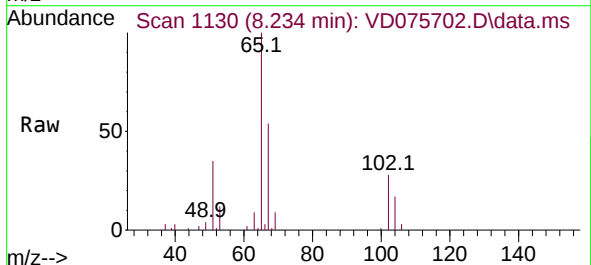
Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

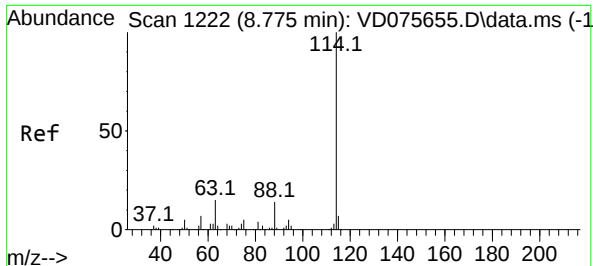
Tgt Ion: 76 Resp: 97439
Ion Ratio Lower Upper
76 100
78 7.8 8.0 12.0#



#33
1,2-Dichloroethane-d4
Concen: 33.599 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 65 Resp: 68138
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075702.D

Acq: 17 Apr 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

20230246-13-4

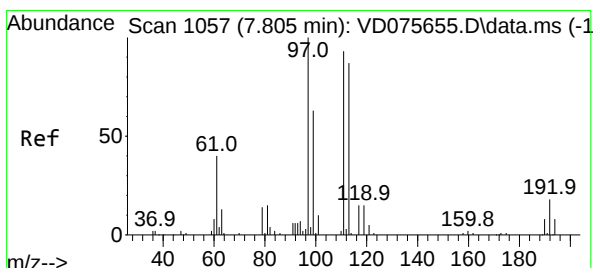
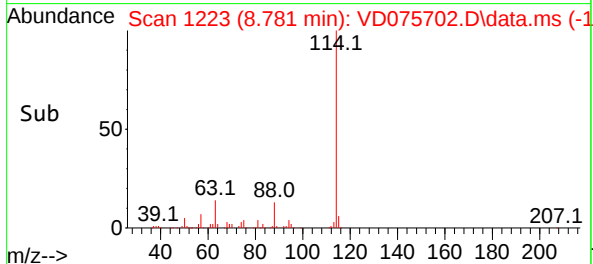
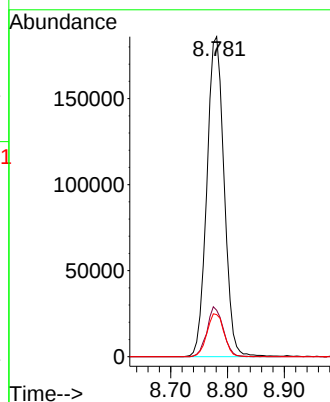
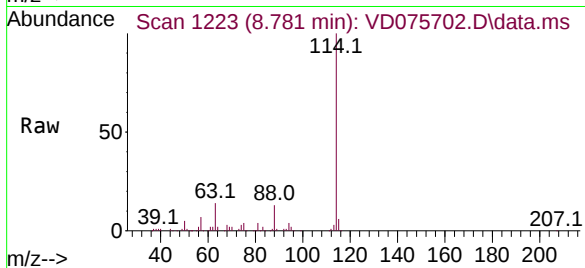
Tgt Ion:114 Resp: 390111

Ion Ratio Lower Upper

114 100

63 14.5 0.0 41.6

88 13.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.947 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075702.D

Acq: 17 Apr 2023 15:40

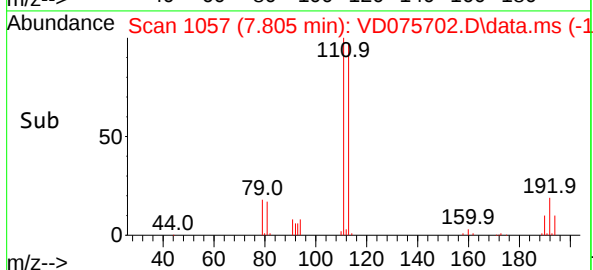
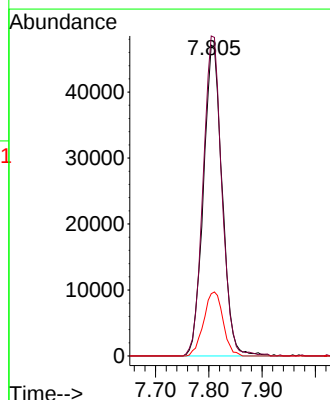
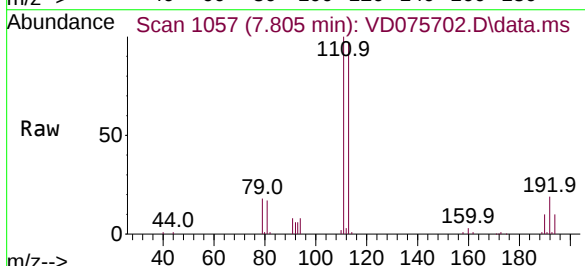
Tgt Ion:113 Resp: 115311

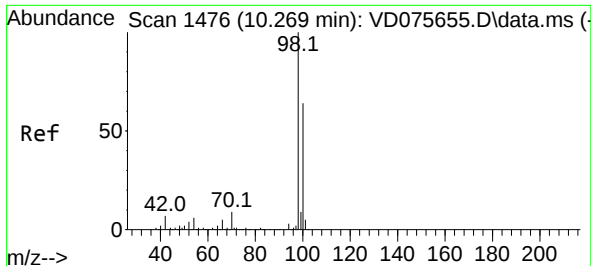
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 21.2 15.2 22.8

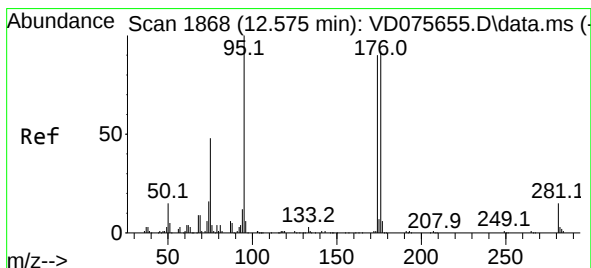
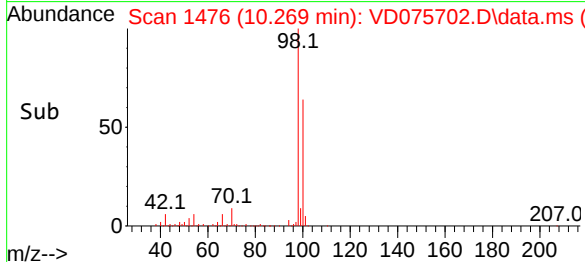
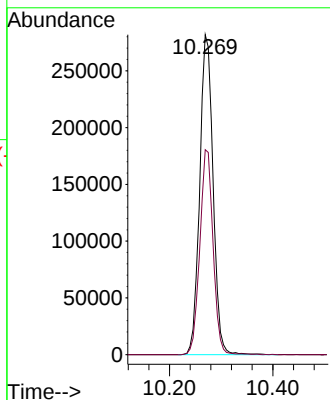
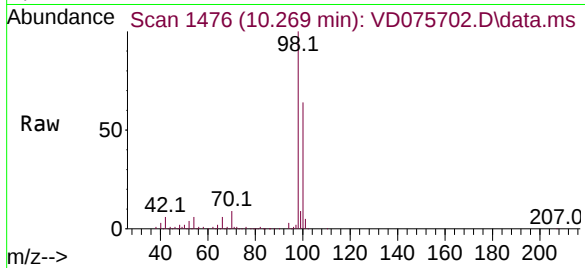




#50
Toluene-d8
Concen: 48.038 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

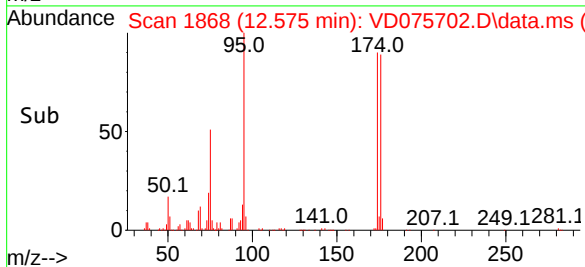
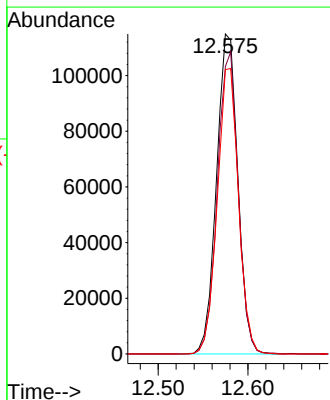
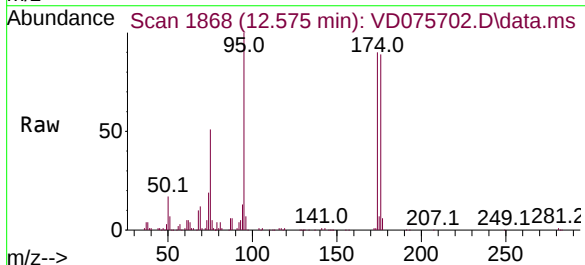
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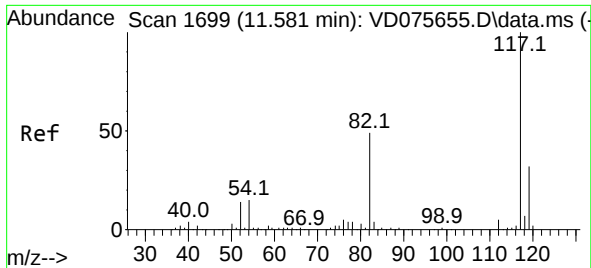
Tgt Ion: 98 Resp: 504766
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.870 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion: 95 Resp: 189554
Ion Ratio Lower Upper
95 100
174 92.1 0.0 164.0
176 88.9 0.0 156.8

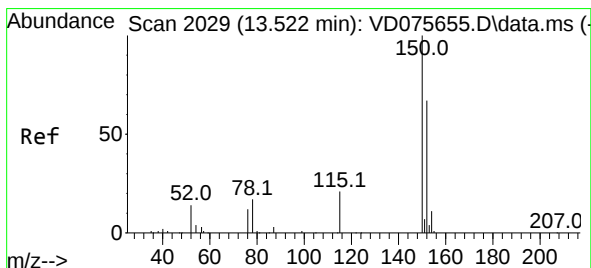
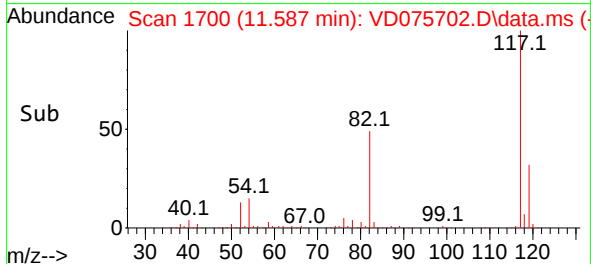
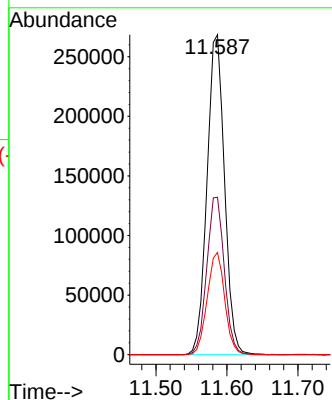
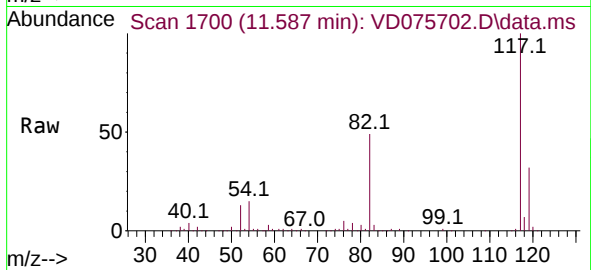




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075702.D
Acq: 17 Apr 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :
20230246-13-4

Tgt Ion:117 Resp: 460778
Ion Ratio Lower Upper
117 100
82 49.2 44.0 66.0
119 32.0 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: VD075702.D
Acq: 17 Apr 2023 15:40

Tgt Ion:152 Resp: 240528
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 155.9 0.0 364.8

