

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD076997.D
 Acq On : 14 Aug 2023 13:21
 Operator : JC/SY
 Sample : 03971-06
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04B

Quant Time: Aug 14 13:59:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

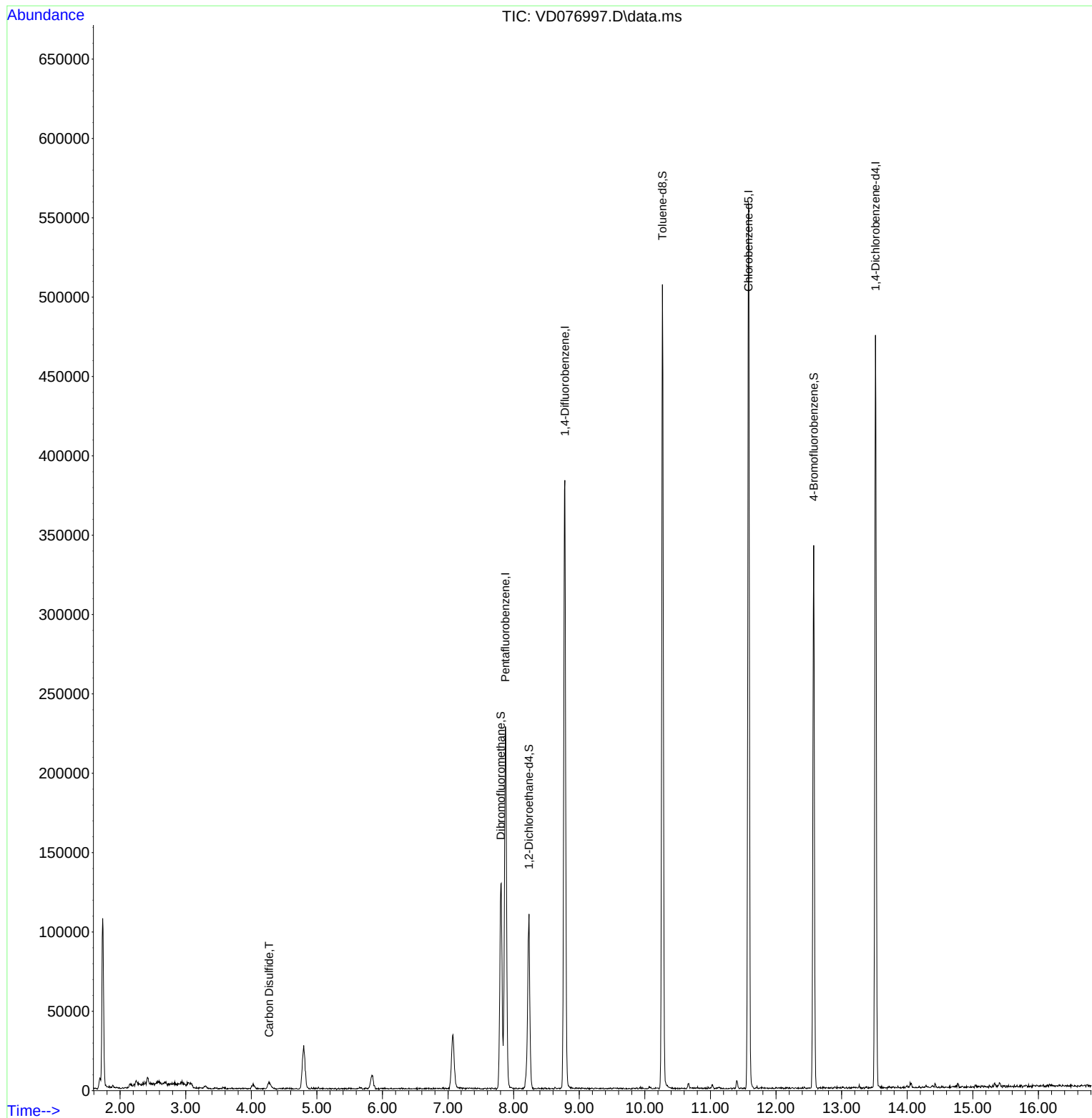
Internal Standards						
1) Pentafluorobenzene	7.875	168	181126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	361000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78358	54.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.680%
35) Dibromofluoromethane	7.804	113	95905	49.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.269	98	353669	56.736	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.480%
62) 4-Bromofluorobenzene	12.575	95	99910	45.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.700%
Target Compounds						
17) Carbon Disulfide	4.269	76	8081	3.444	ug/l	Qvalue 96

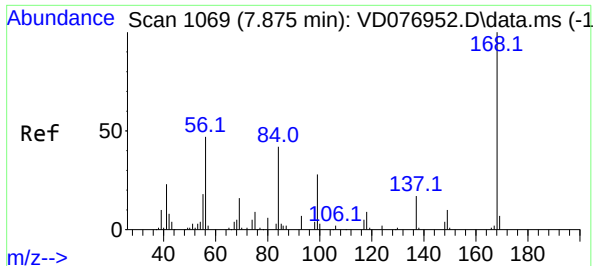
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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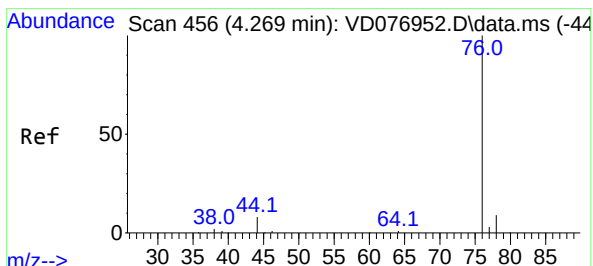
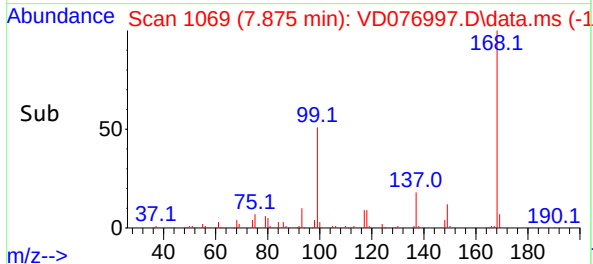
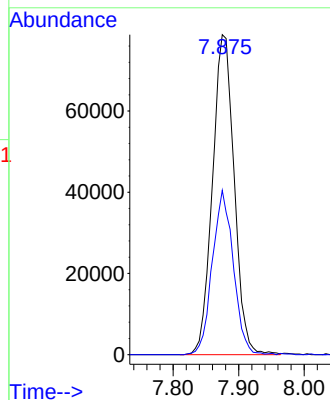
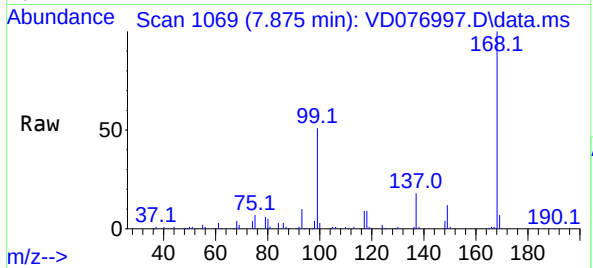




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

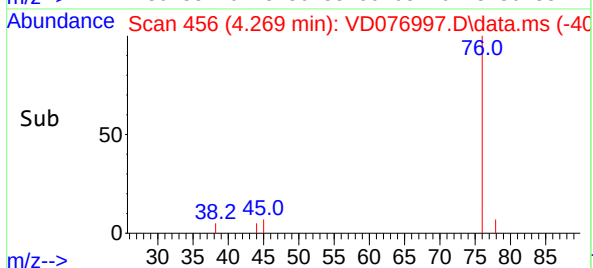
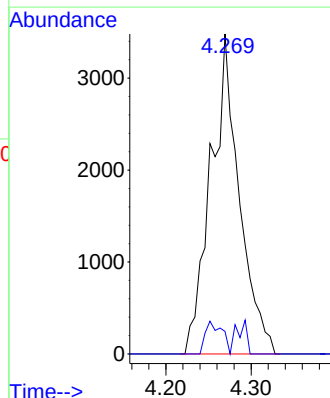
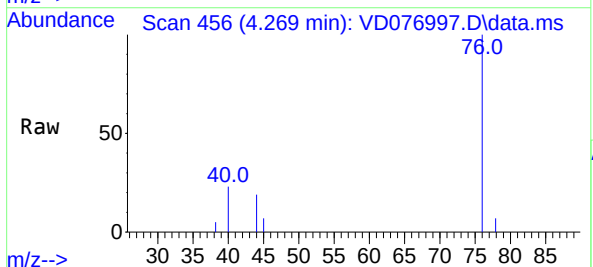
Instrument :
MSVOA_D
ClientSampleId :
B-PP04B

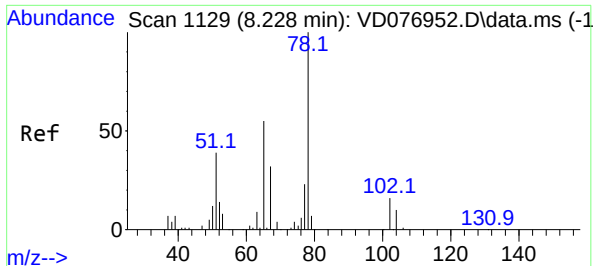
Tgt Ion:168 Resp: 181126
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1



#17
Carbon Disulfide
Concen: 3.444 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 76 Resp: 8081
Ion Ratio Lower Upper
76 100
78 7.0 6.8 10.2

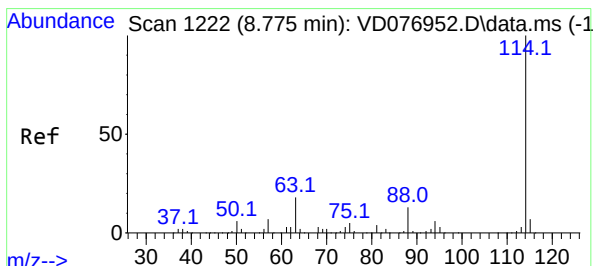
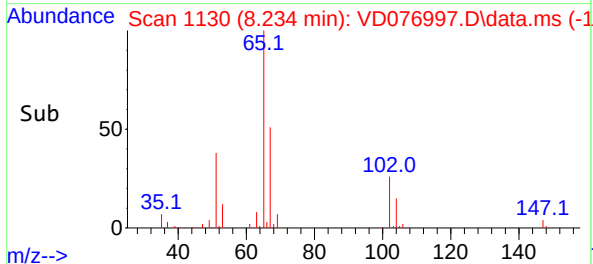
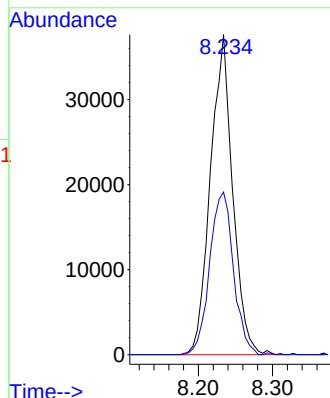
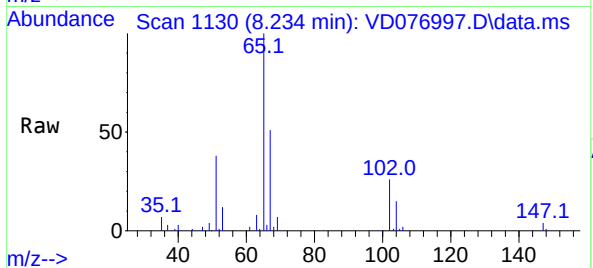




#33
1,2-Dichloroethane-d4
Concen: 54.841 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

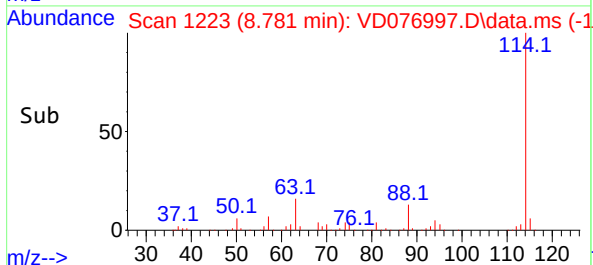
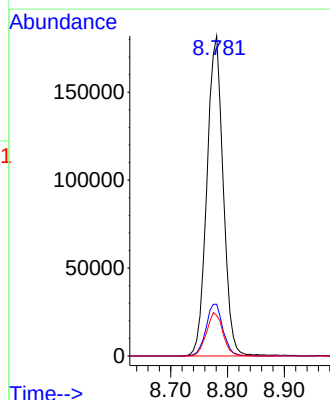
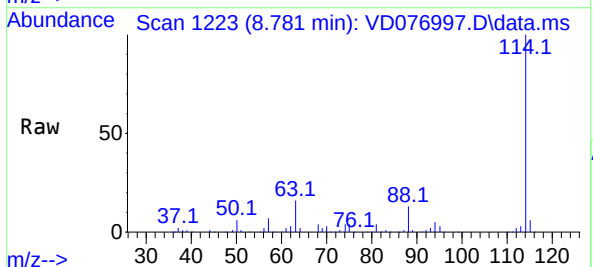
Instrument :
MSVOA_D
ClientSampleId :
B-PP04B

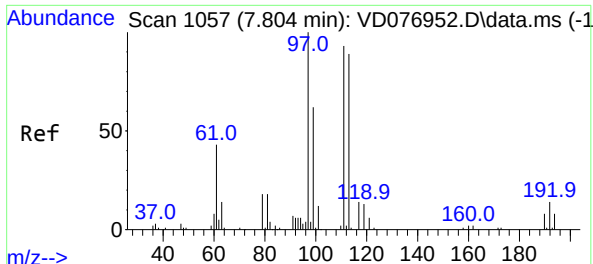
Tgt Ion: 65 Resp: 78358
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 114 Resp: 361000
Ion Ratio Lower Upper
114 100
63 16.2 0.0 33.4
88 12.6 0.0 26.2

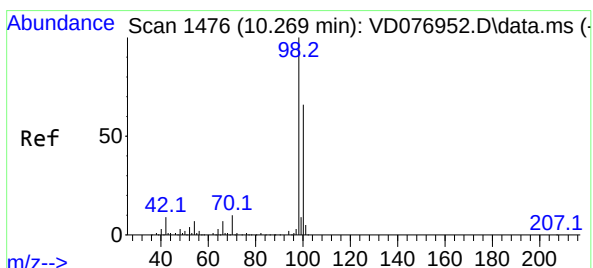
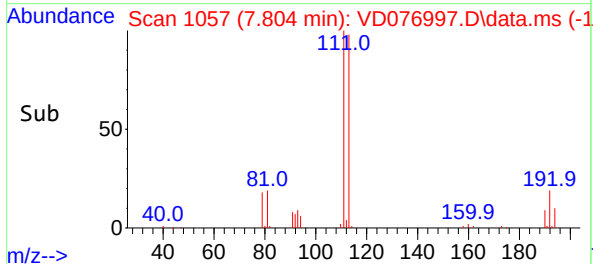
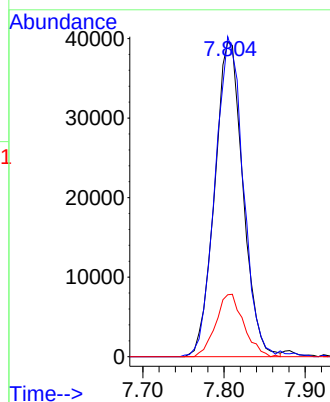
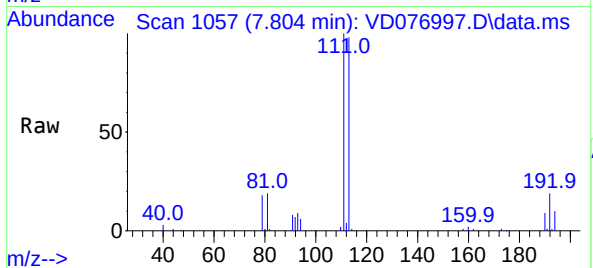




#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

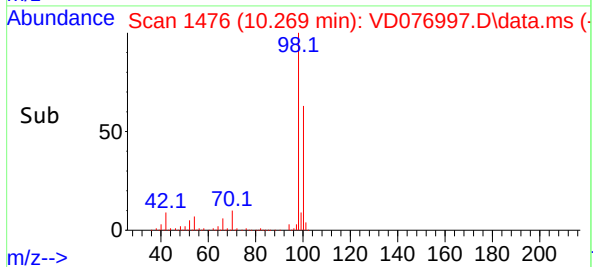
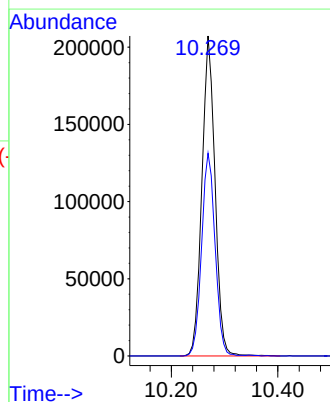
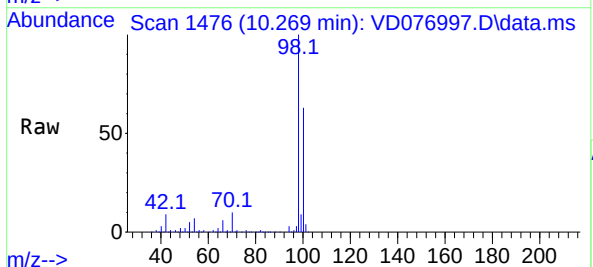
Instrument :
MSVOA_D
ClientSampleId :
B-PP04B

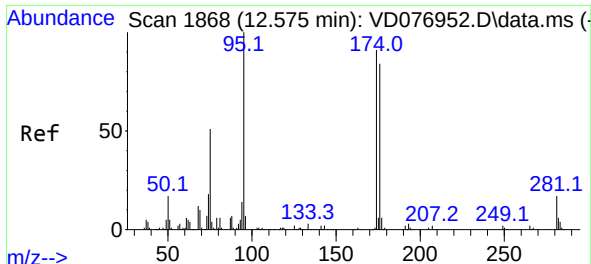
Tgt Ion:113 Resp: 95905
Ion Ratio Lower Upper
113 100
111 101.8 84.7 127.1
192 19.5 16.8 25.2



#50
Toluene-d8
Concen: 56.736 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Tgt Ion: 98 Resp: 353669
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

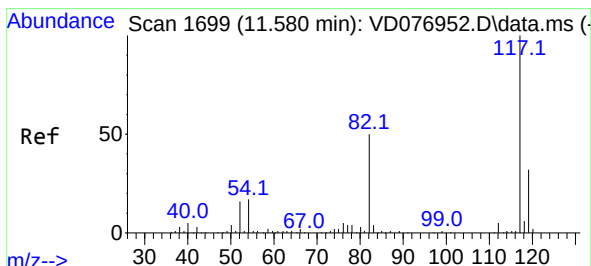
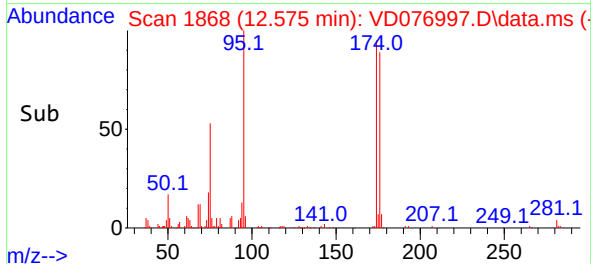
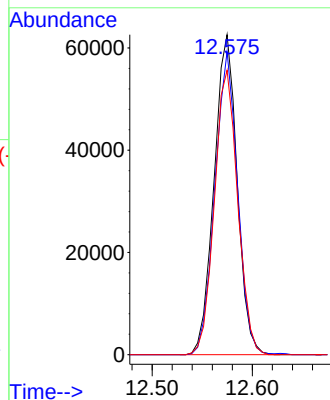
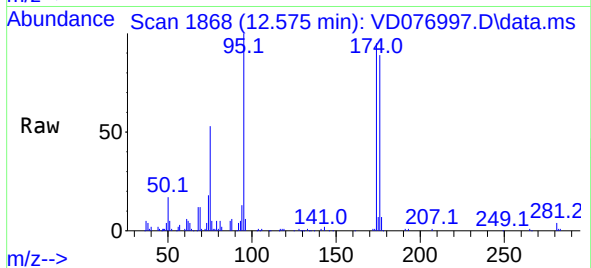




#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

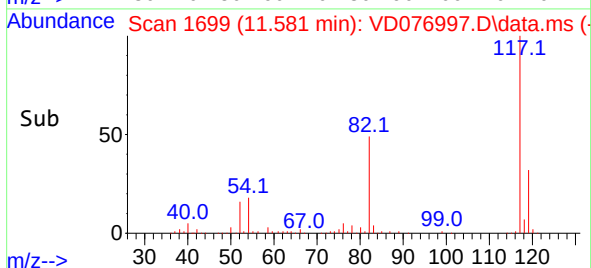
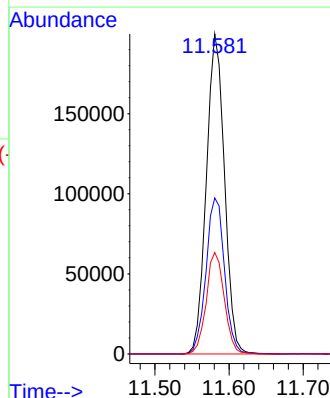
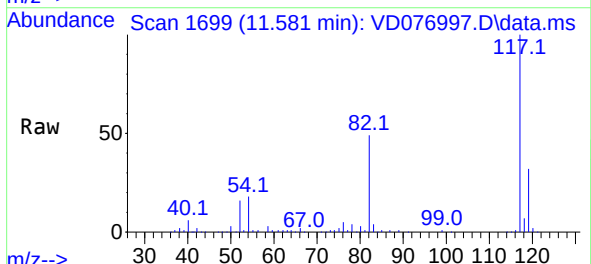
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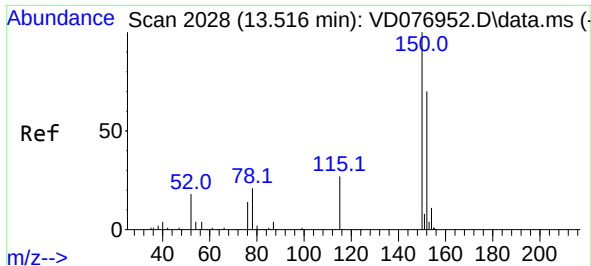
Tgt Ion:	95	Resp:	99910
Ion Ratio	Lower	Upper	
95	100		
174	93.4	0.0	201.8
176	89.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

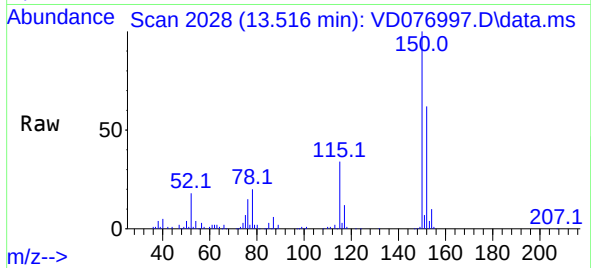
Tgt Ion:	117	Resp:	339138
Ion Ratio	Lower	Upper	
117	100		
82	48.8	38.3	57.5
119	31.7	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076997.D
Acq: 14 Aug 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
B-PP04B



Tgt Ion:152 Resp: 130514
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 156.3 0.0 353.6

