

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051723\
 Data File : VD076122.D
 Acq On : 17 May 2023 14:46
 Operator : KP/SY
 Sample : 02784-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-051223

Quant Time: May 17 15:05:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

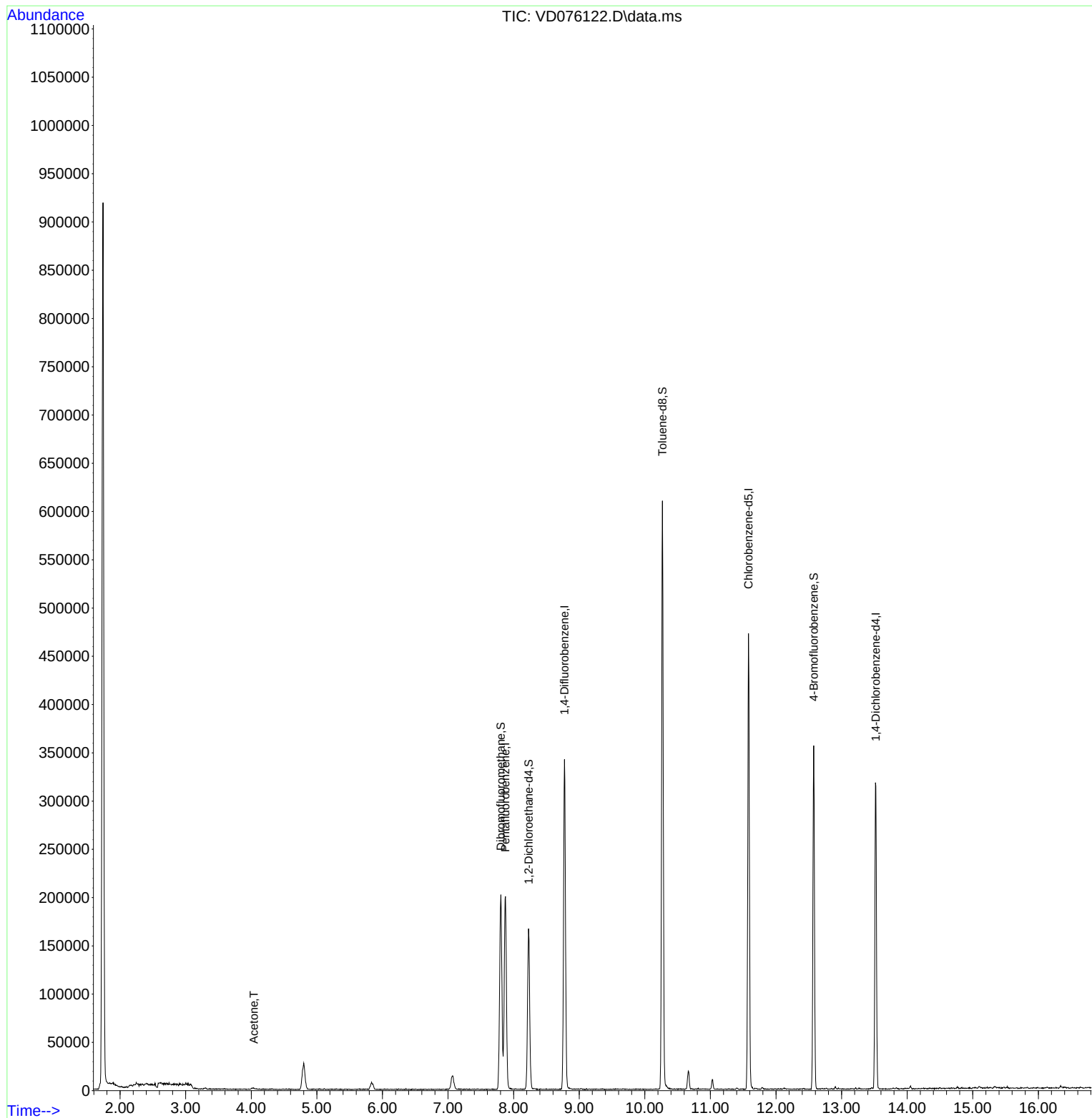
Internal Standards						
1) Pentafluorobenzene	7.875	168	165606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	324052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	291172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124579	77.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.680%
35) Dibromofluoromethane	7.805	113	152455	68.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.120%
50) Toluene-d8	10.269	98	438201	50.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.575	95	110608	45.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.200%
Target Compounds						
16) Acetone	4.040	43	2935	9.217	ug/l	Qvalue # 84

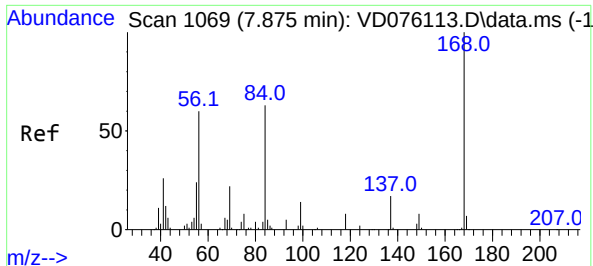
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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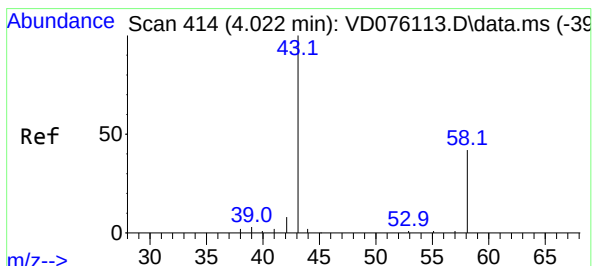
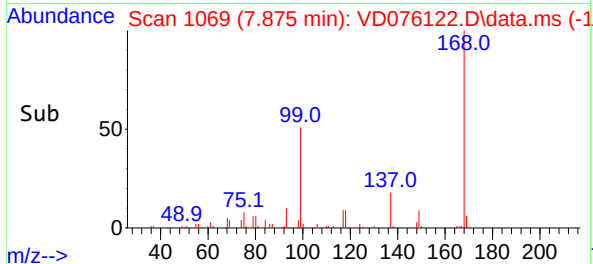
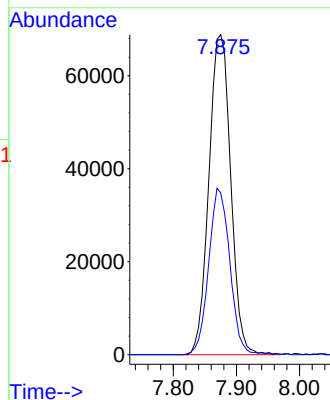
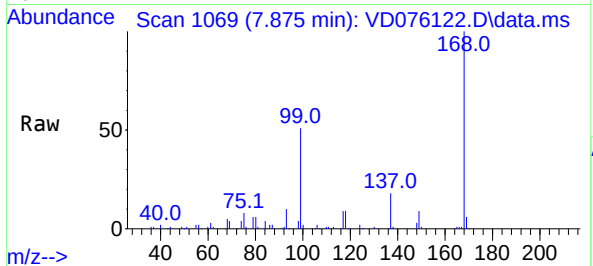




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

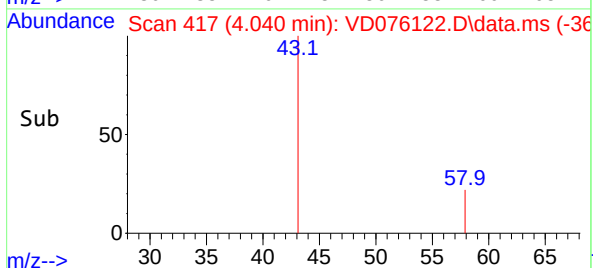
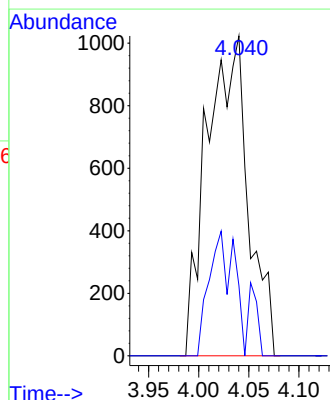
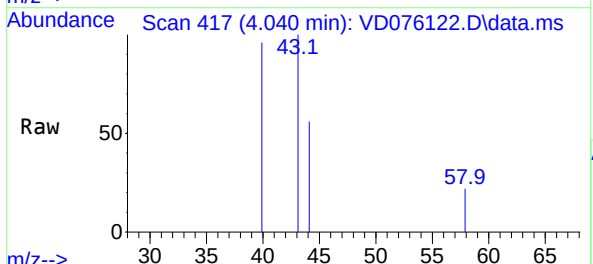
Instrument :
MSVOA_D
ClientSampleId :
BU-03-051223

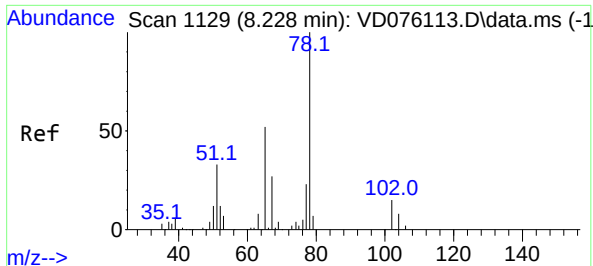
Tgt Ion:168 Resp: 165606
Ion Ratio Lower Upper
168 100
99 50.5 43.8 65.6



#16
Acetone
Concen: 9.217 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

Tgt Ion: 43 Resp: 2935
Ion Ratio Lower Upper
43 100
58 22.0 24.4 36.6#

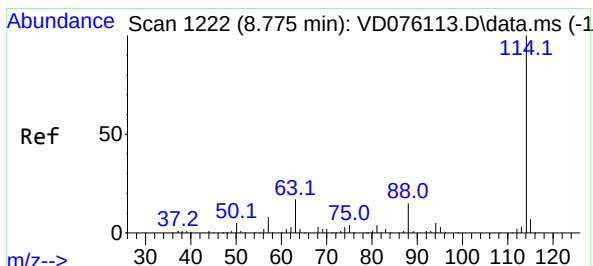
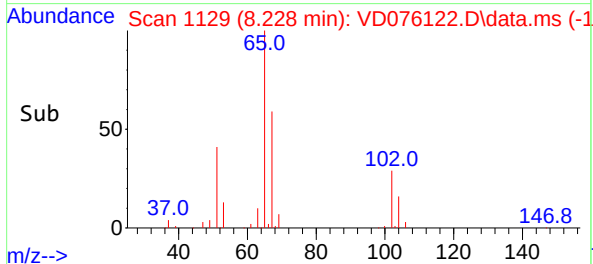
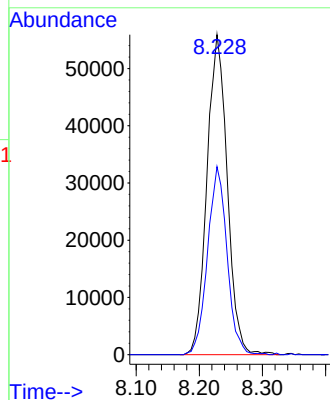
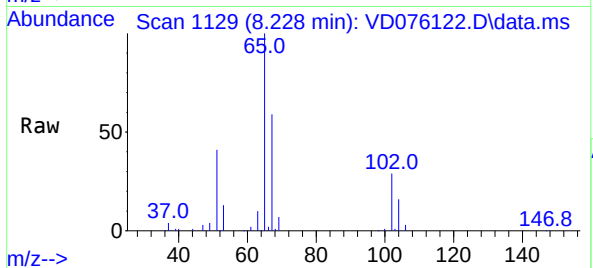




#33
1,2-Dichloroethane-d4
Concen: 77.836 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

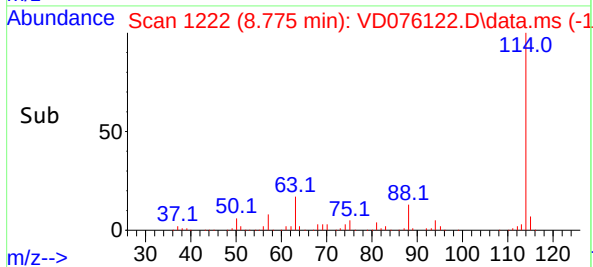
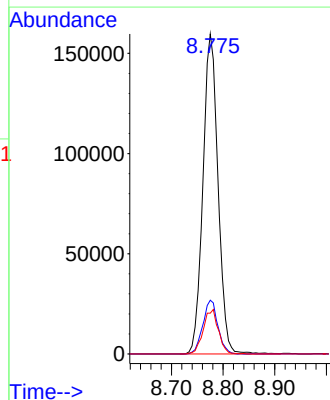
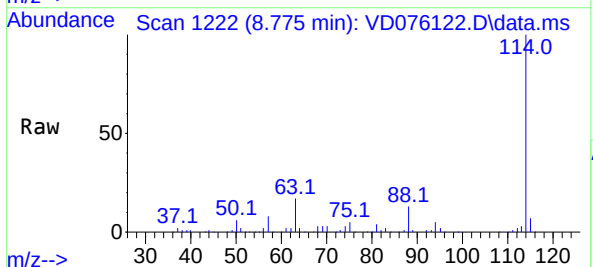
Instrument :
MSVOA_D
ClientSampleId :
BU-03-051223

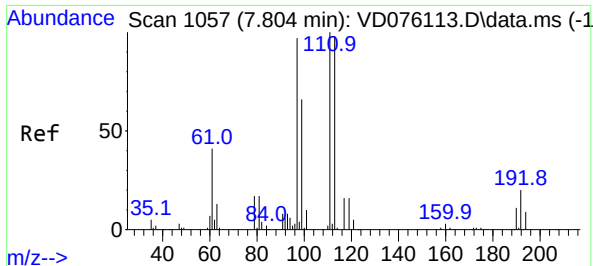
Tgt Ion: 65 Resp: 124579
Ion Ratio Lower Upper
65 100
67 56.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

Tgt Ion: 114 Resp: 324052
Ion Ratio Lower Upper
114 100
63 16.8 0.0 41.6
88 12.7 0.0 30.6

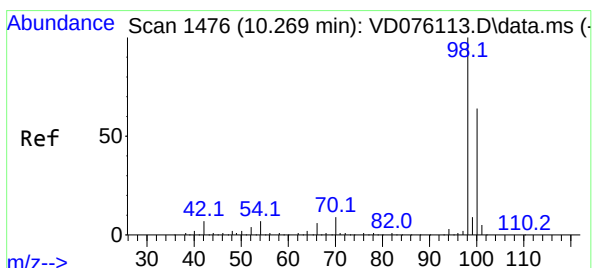
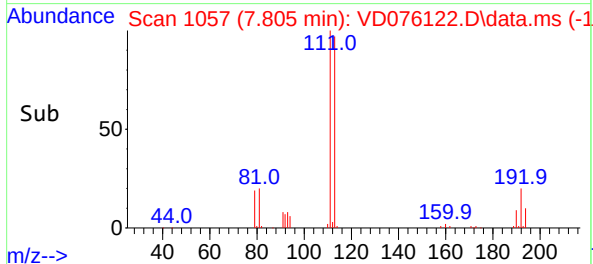
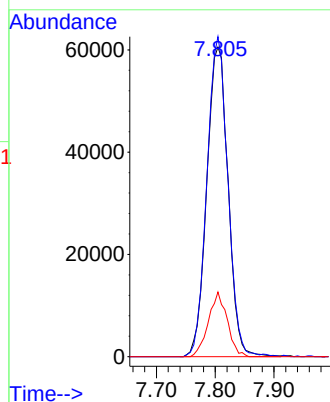
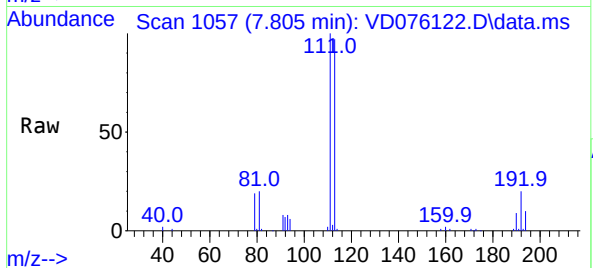




#35
Dibromofluoromethane
Concen: 68.063 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

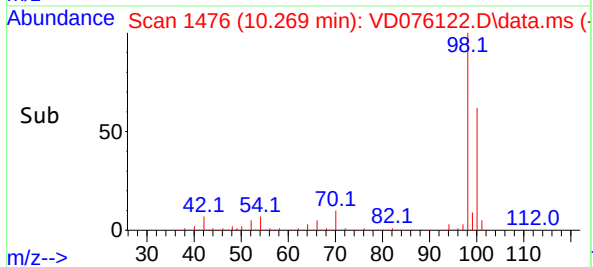
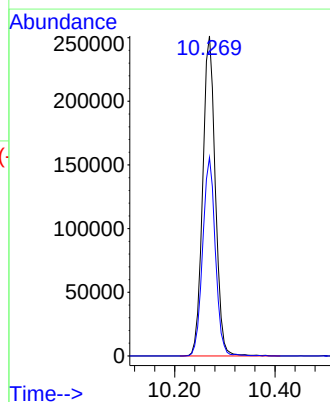
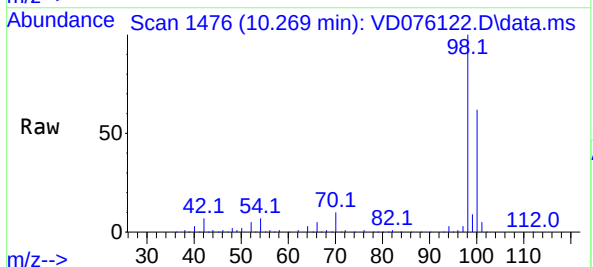
Instrument :
MSVOA_D
ClientSampleId :
BU-03-051223

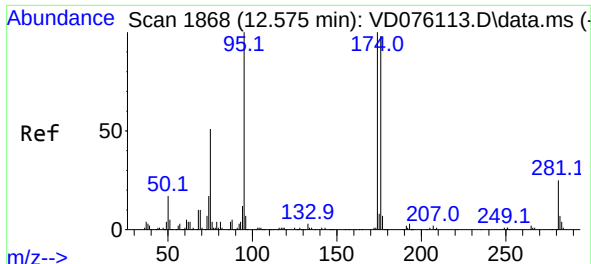
Tgt Ion:113 Resp: 152455
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.4 15.2 22.8



#50
Toluene-d8
Concen: 50.185 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

Tgt Ion: 98 Resp: 438201
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1

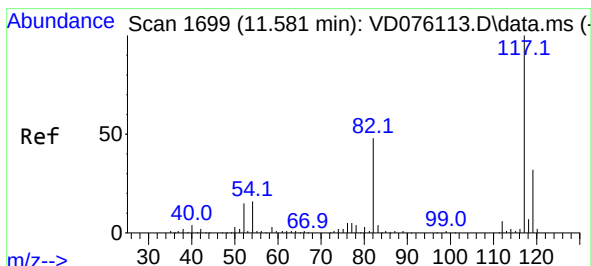
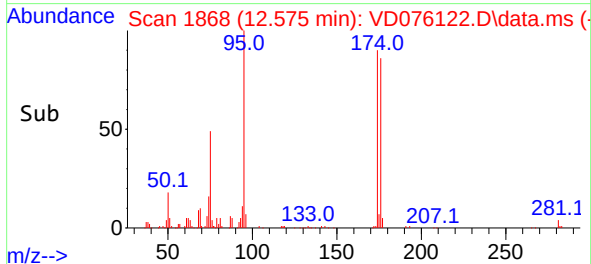
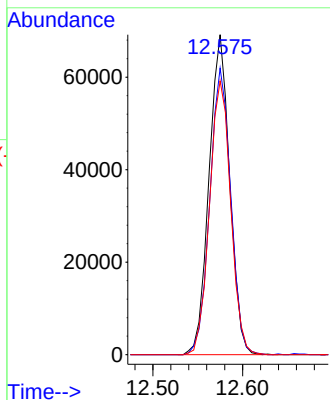
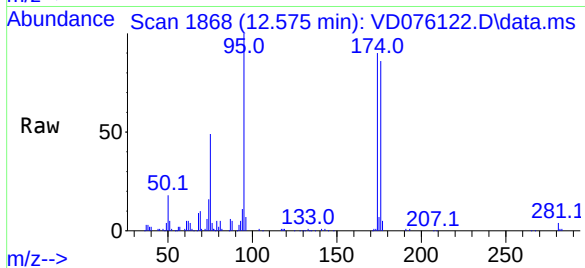




#62
4-Bromofluorobenzene
Concen: 45.601 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

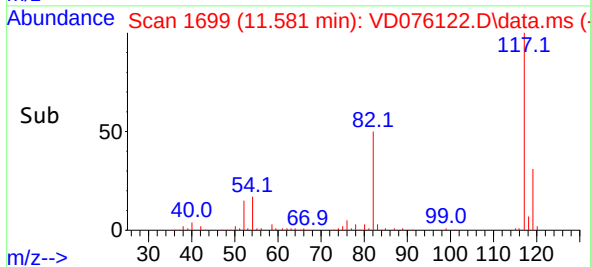
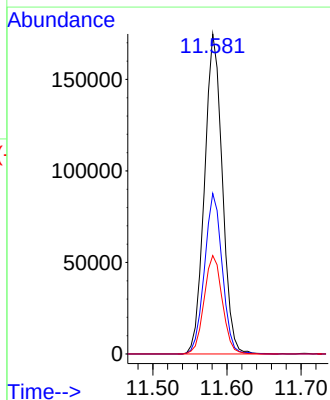
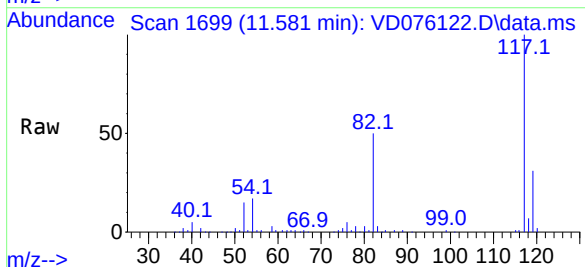
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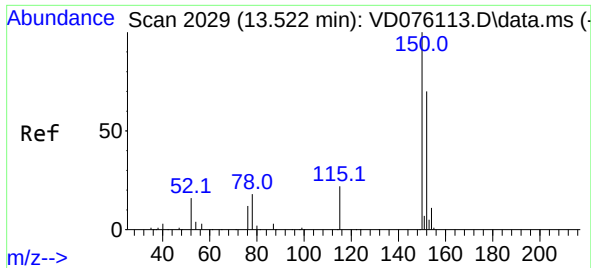
Tgt Ion: 95 Resp: 110608
Ion Ratio Lower Upper
95 100
174 90.6 0.0 164.0
176 87.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076122.D
Acq: 17 May 2023 14:46

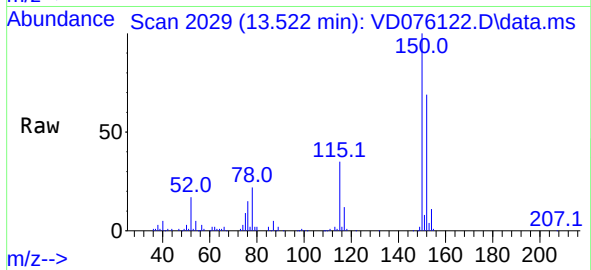
Tgt Ion: 117 Resp: 291172
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 30.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076122.D
 Acq: 17 May 2023 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-051223



Tgt Ion:	152	Resp:	93605
Ion	Ratio	Lower	Upper
152	100		
115	54.0	30.1	90.3
150	158.0	0.0	364.8

