

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077055.D
 Acq On : 29 Aug 2023 10:23
 Operator : JC/SY
 Sample : VD0829SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0829SBL01

Quant Time: Aug 29 20:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	122854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	289029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	314746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78115	64.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.160%
35) Dibromofluoromethane	7.804	113	102558	53.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.269	98	377316	54.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.575	95	111693	54.232	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.460%

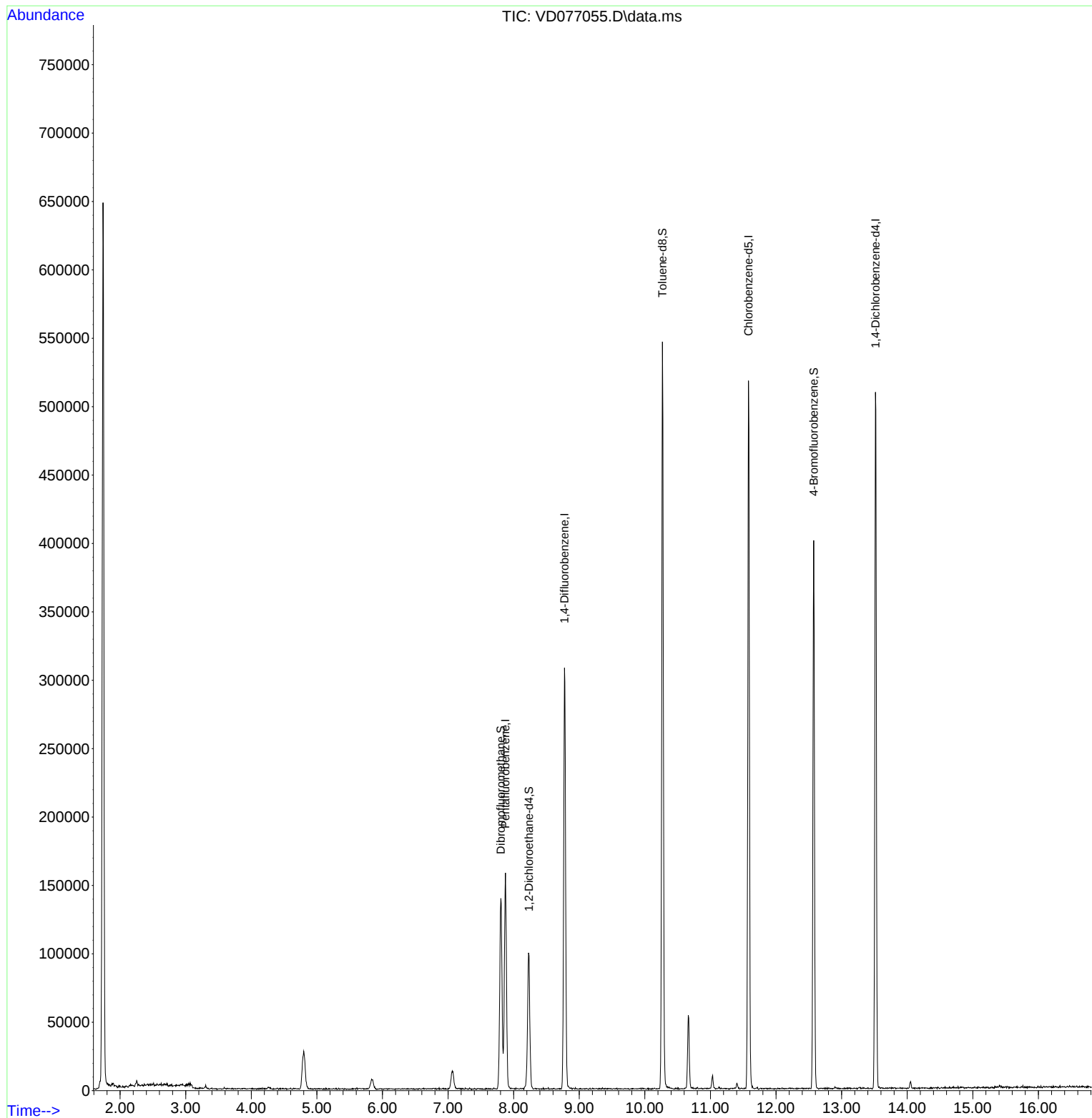
Target Compounds	Qvalue

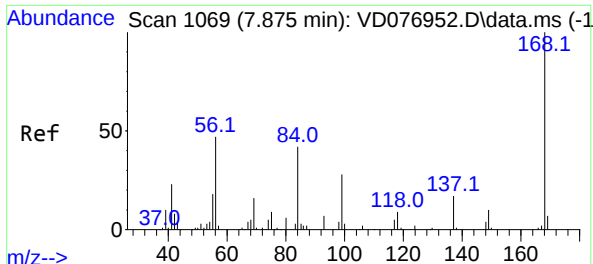
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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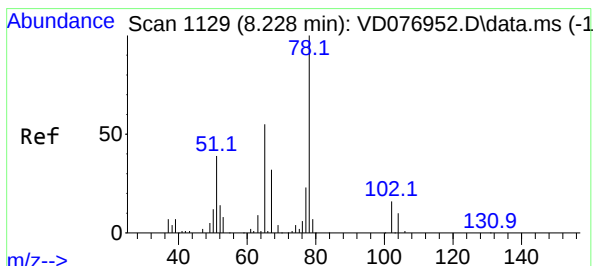
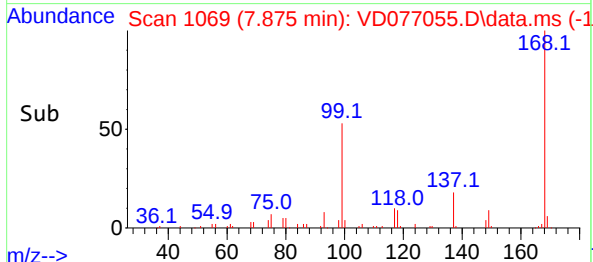
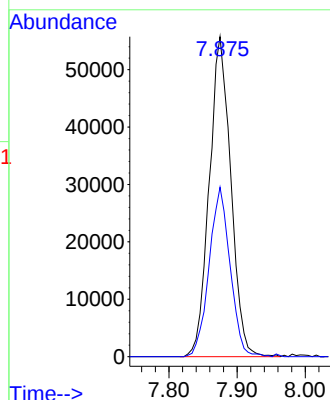
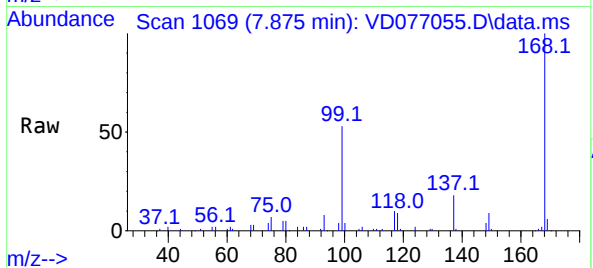




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

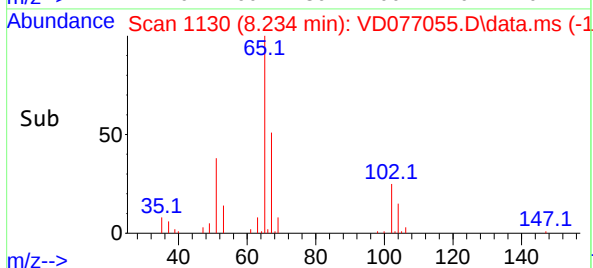
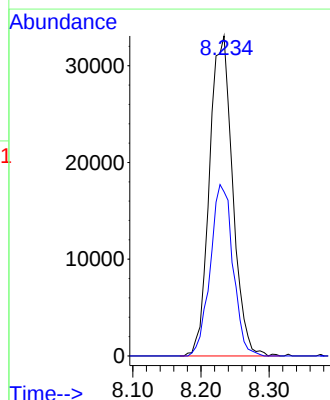
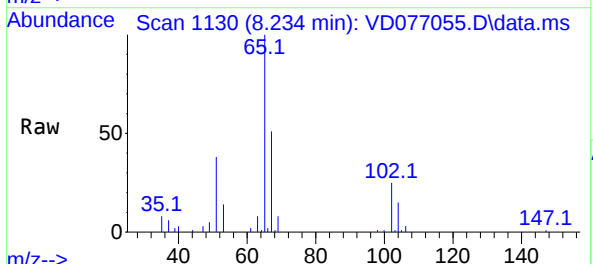
Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL01

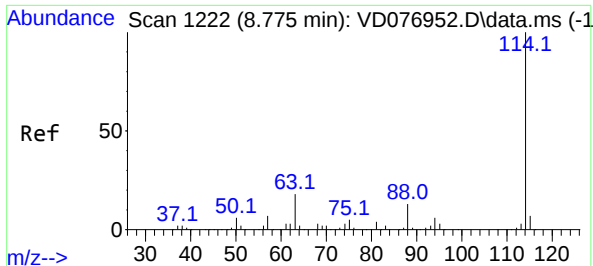
Tgt Ion:168 Resp: 122854
Ion Ratio Lower Upper
168 100
99 53.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.580 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

Tgt Ion: 65 Resp: 78115
Ion Ratio Lower Upper
65 100
67 52.5 0.0 115.0

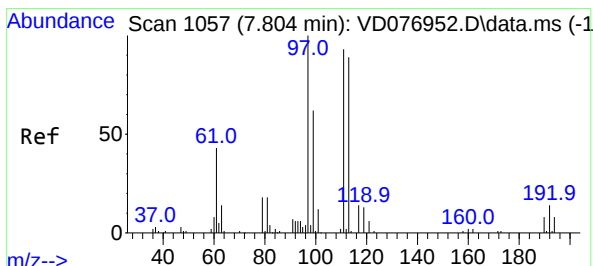
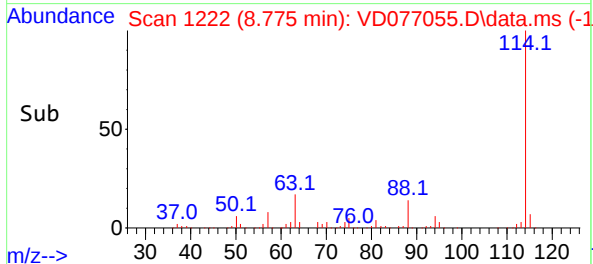
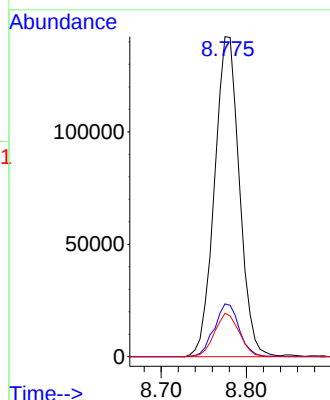
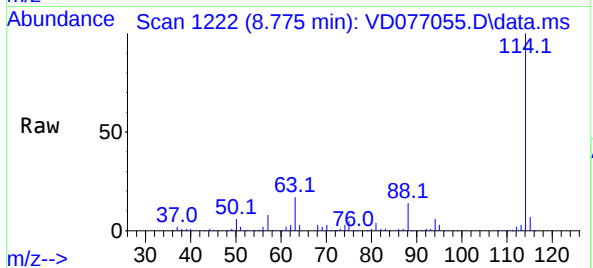




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

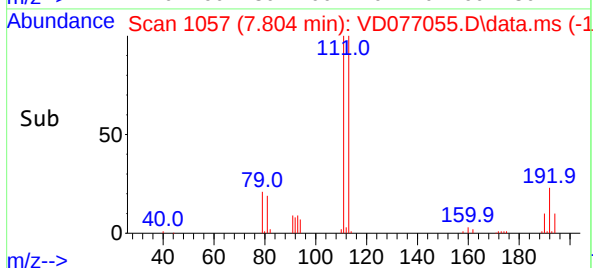
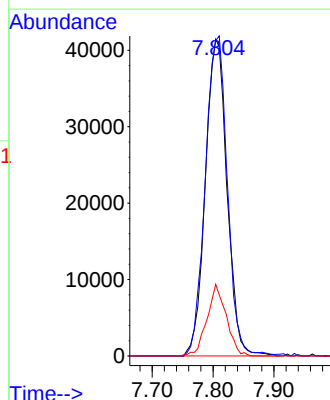
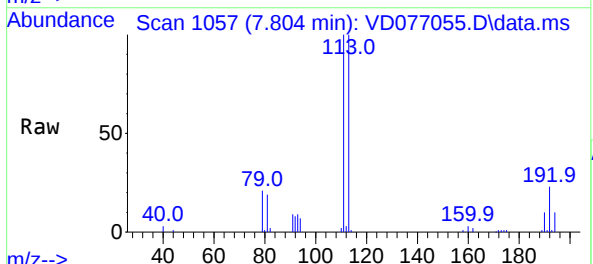
Instrument :
MSVOA_D
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VD0829SBL01

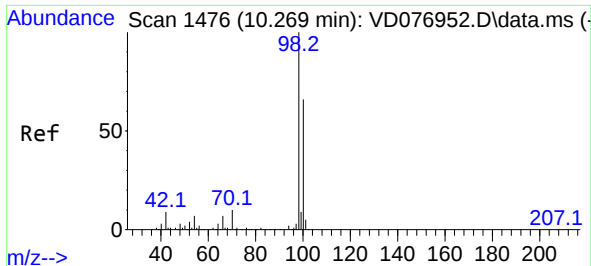
Tgt Ion:114 Resp: 289029
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 13.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.114 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

Tgt Ion:113 Resp: 102558
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 20.2 16.8 25.2

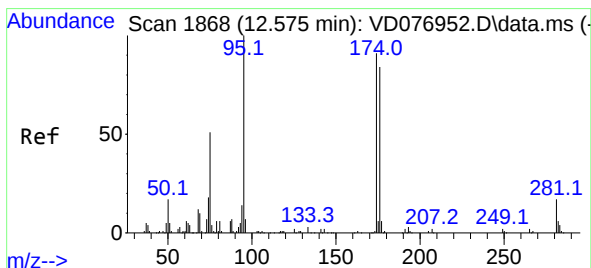
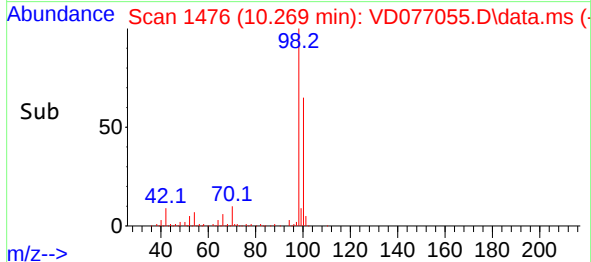
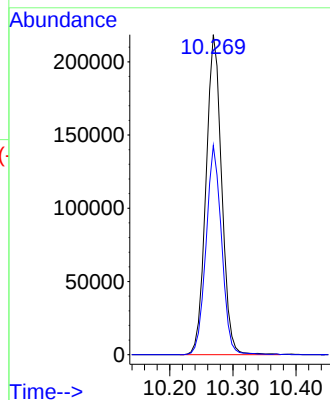
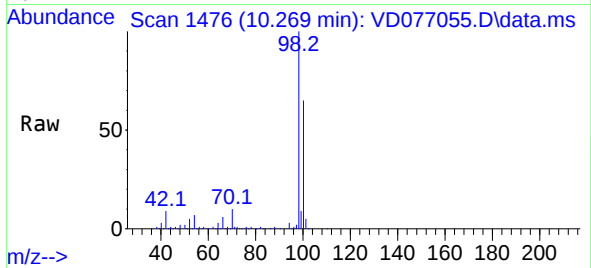




#50
Toluene-d8
Concen: 54.014 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

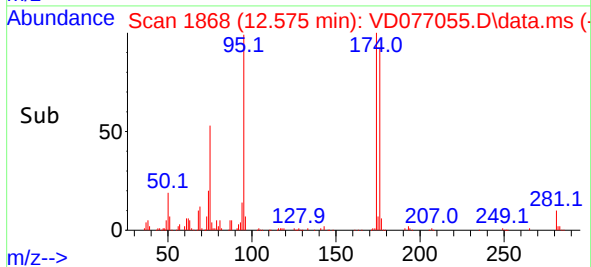
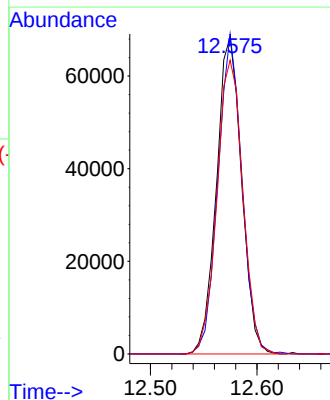
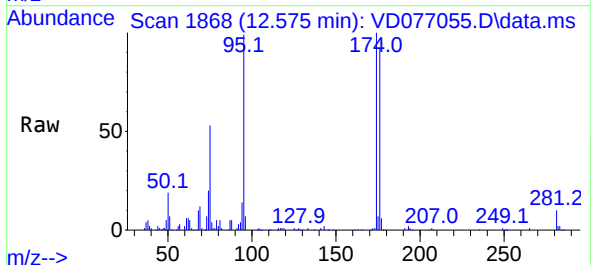
Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL01

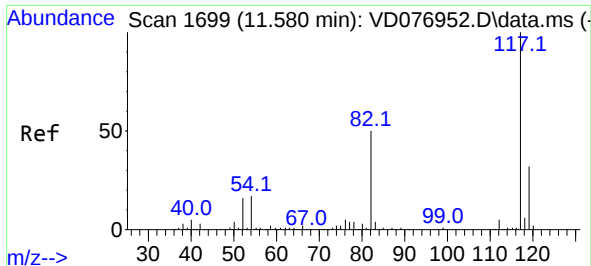
Tgt Ion: 98 Resp: 377316
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 54.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

Tgt Ion: 95 Resp: 111693
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.8
176 95.2 0.0 191.8

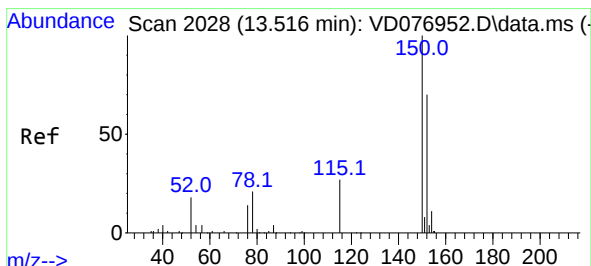
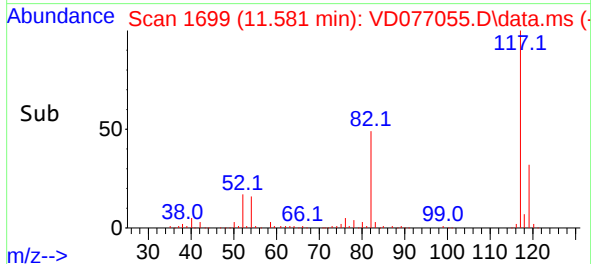
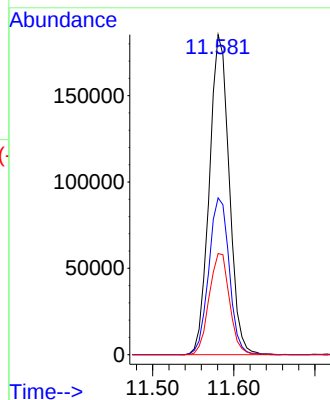
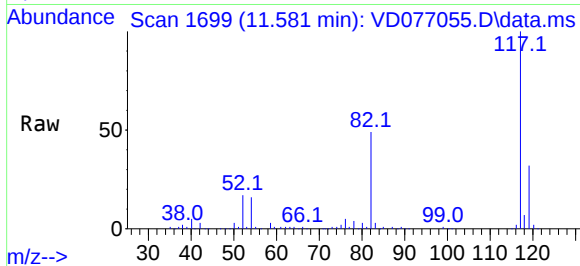




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

Instrument :
MSVOA_D
ClientSampleId :
VD0829SBL01

Tgt Ion:117 Resp: 314746
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077055.D
Acq: 29 Aug 2023 10:23

Tgt Ion:152 Resp: 144712
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 155.8 0.0 353.6

