

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078779.D
 Acq On : 28 Mar 2024 17:24
 Operator : RP/MD
 Sample : P1879-04
 Misc : 4.28G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-02(2-4)

Quant Time: Mar 29 01:36:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	140127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	269023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93666	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68668	52.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.580%
35) Dibromofluoromethane	7.804	113	85442	49.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.269	98	331600	52.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.575	95	78154	41.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.880%

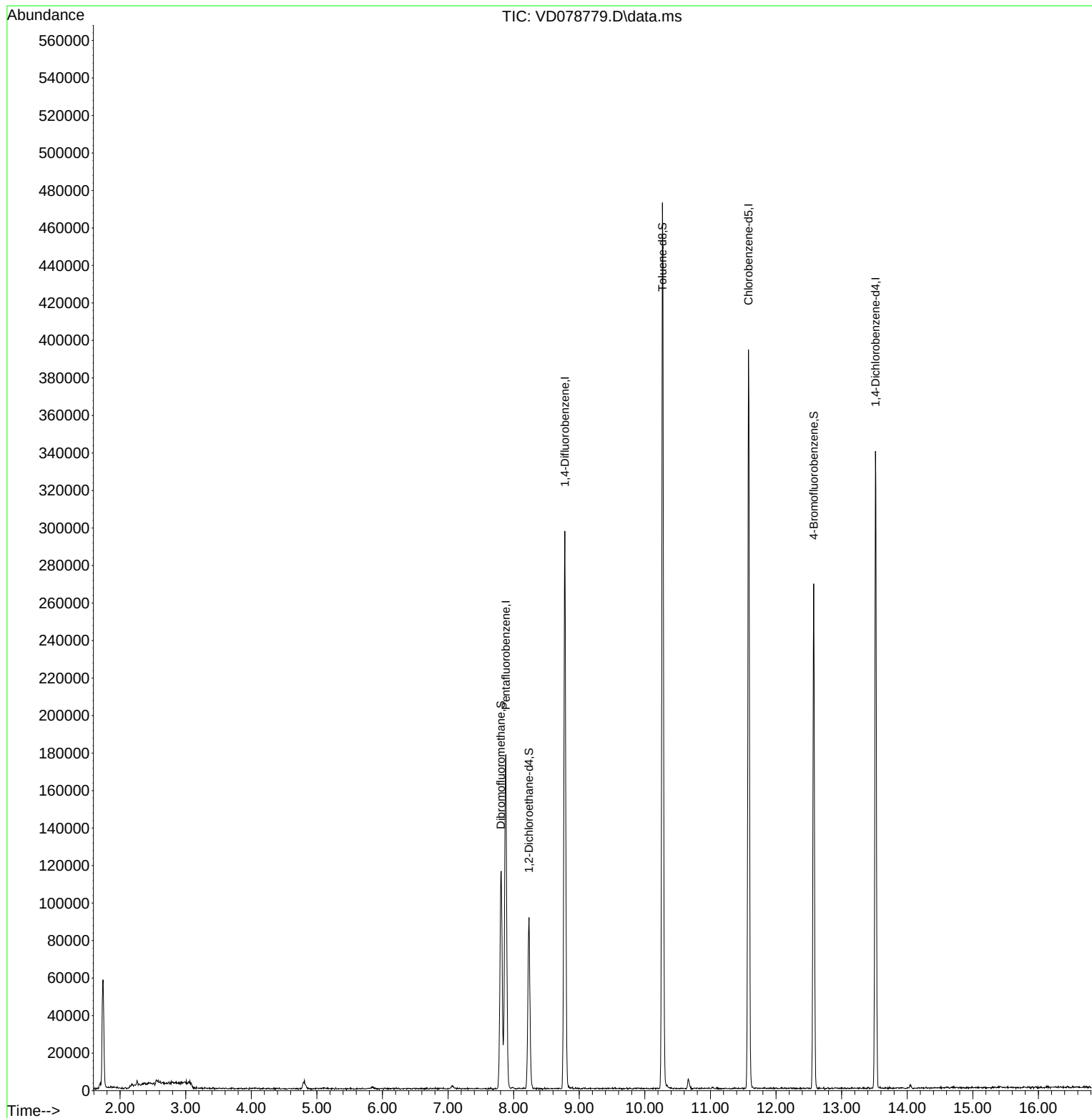
Target Compounds	Qvalue

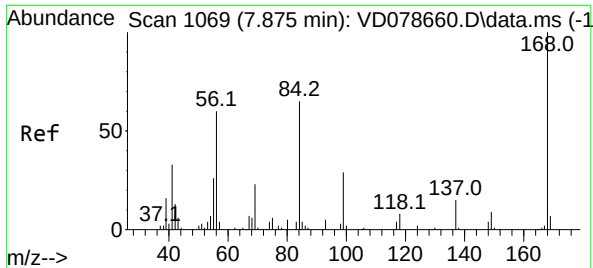
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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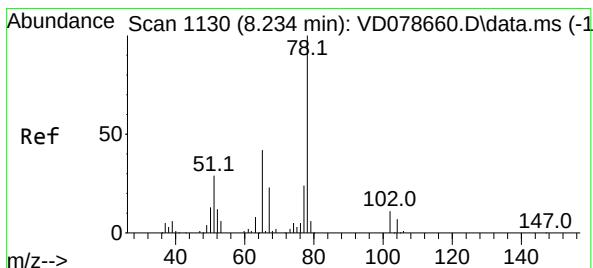
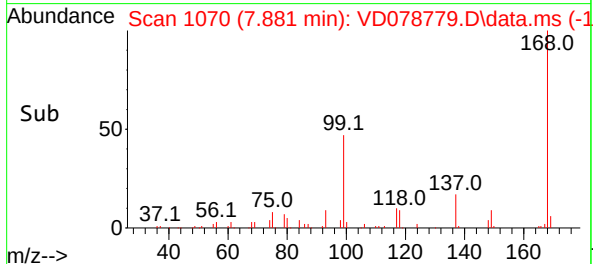
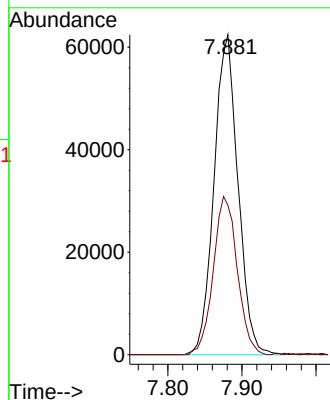
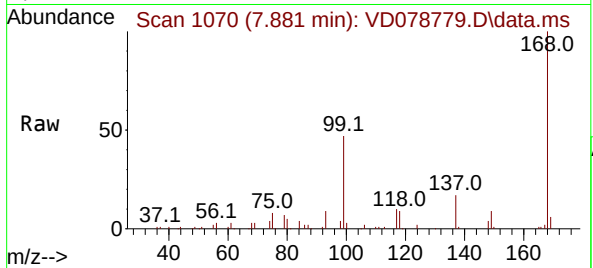




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

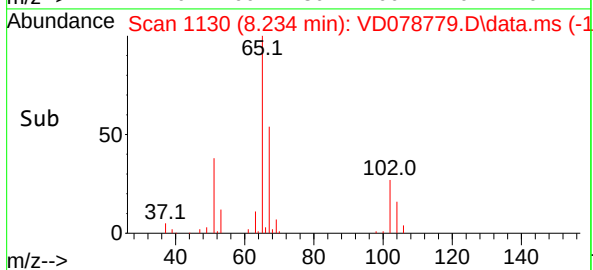
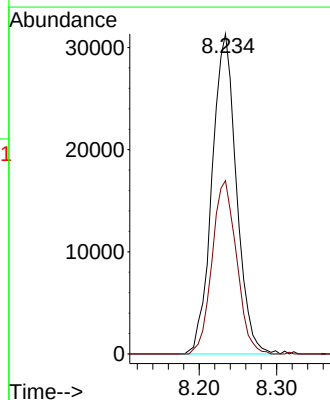
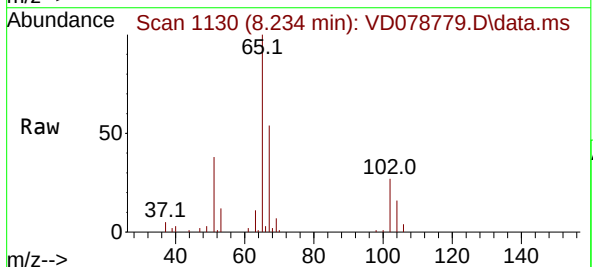
Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

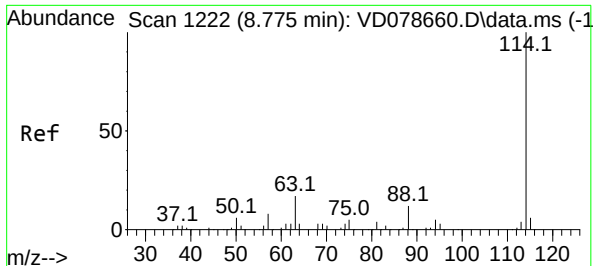
Tgt Ion:168 Resp: 140127
Ion Ratio Lower Upper
168 100
99 46.7 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 52.290 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Tgt Ion: 65 Resp: 68668
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2

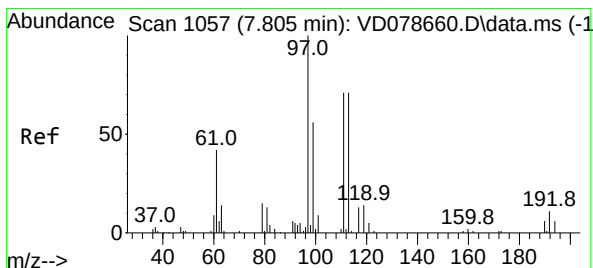
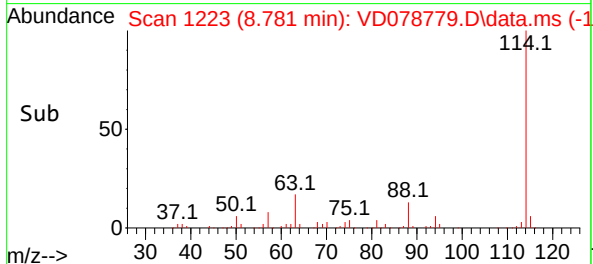
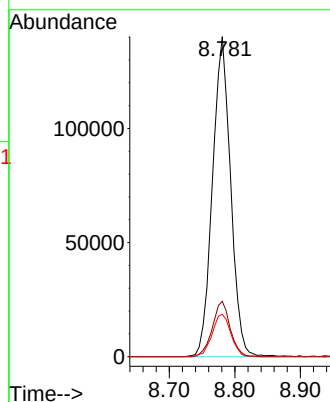
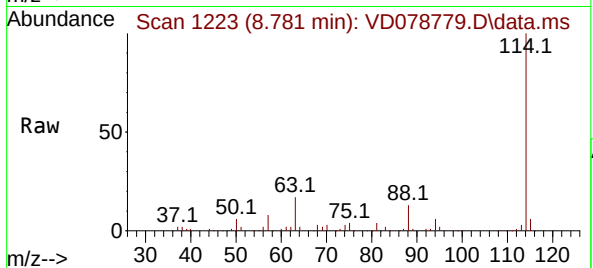




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

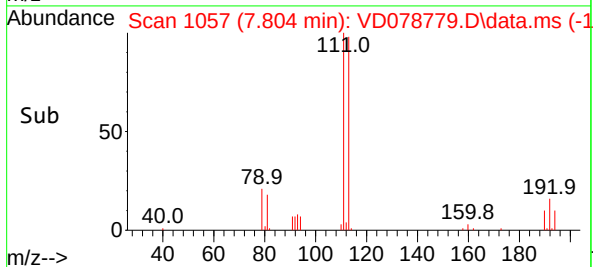
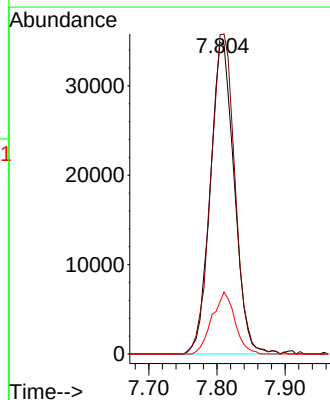
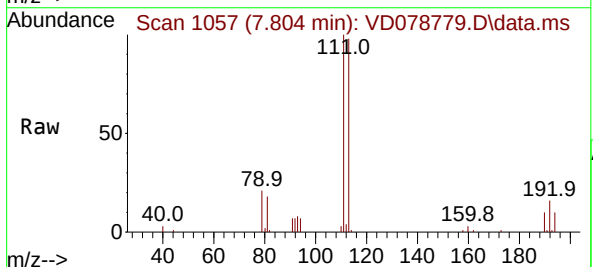
Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

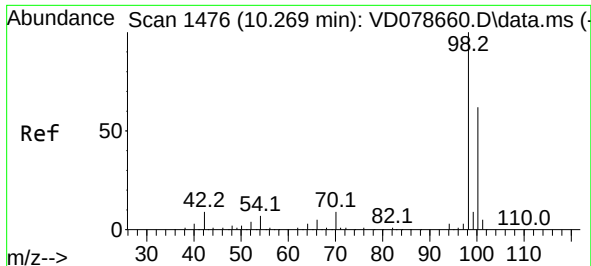
Tgt Ion:114 Resp: 269023
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 13.3 0.0 24.6



#35
Dibromofluoromethane
Concen: 49.329 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Tgt Ion:113 Resp: 85442
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 18.9 15.4 23.0

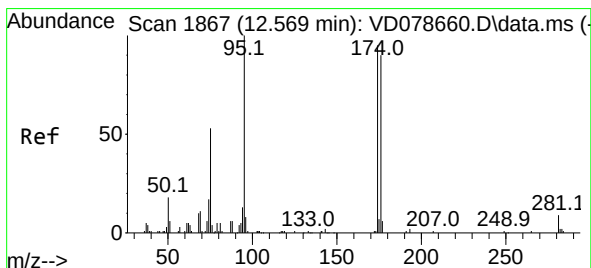
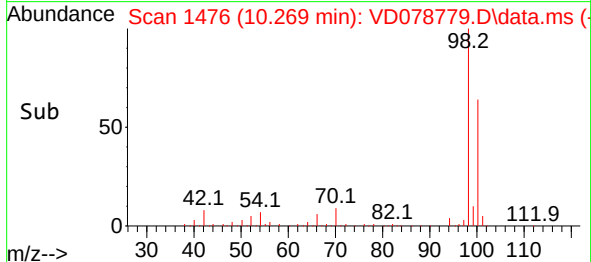
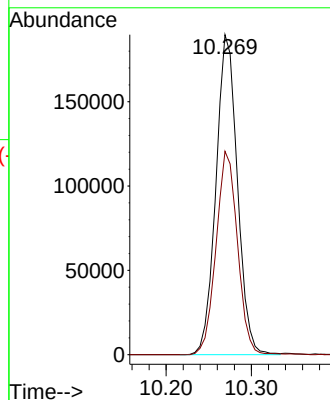
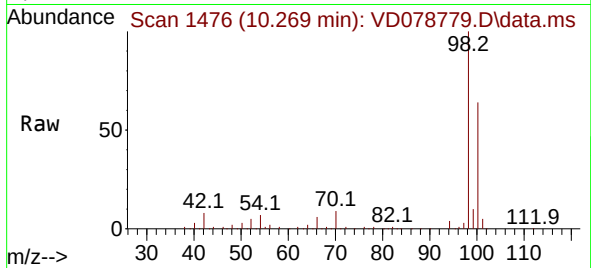




#50
Toluene-d8
Concen: 52.055 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

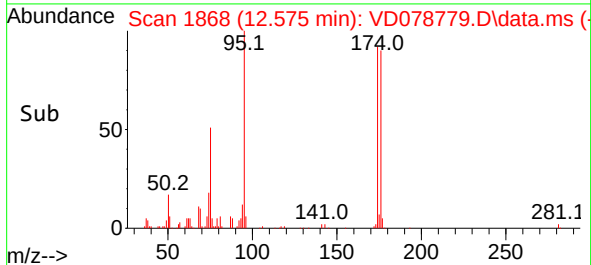
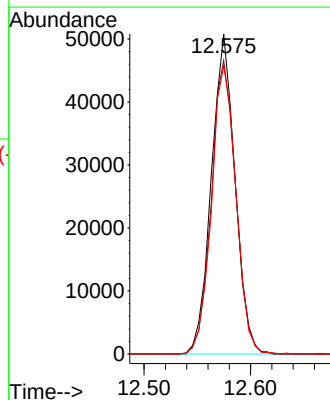
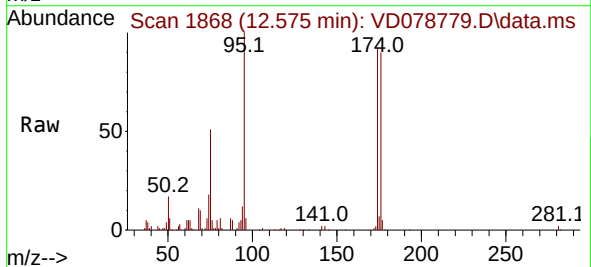
Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

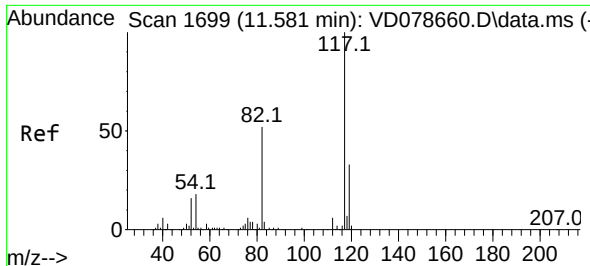
Tgt Ion: 98 Resp: 331600
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.937 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Tgt Ion: 95 Resp: 78154
Ion Ratio Lower Upper
95 100
174 94.7 0.0 195.2
176 93.1 0.0 188.2

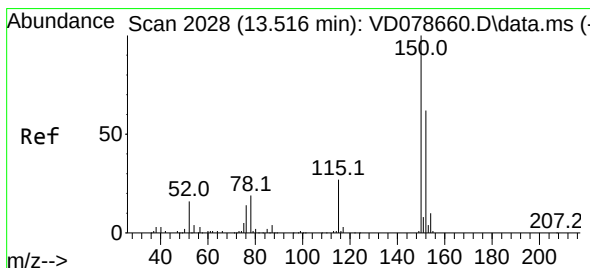
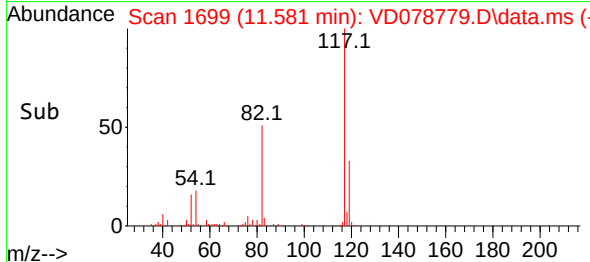
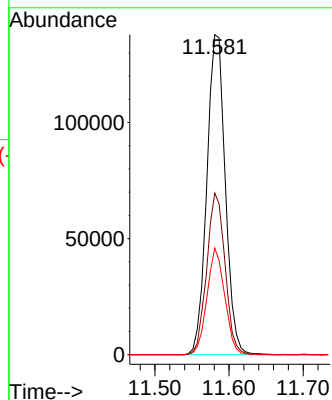
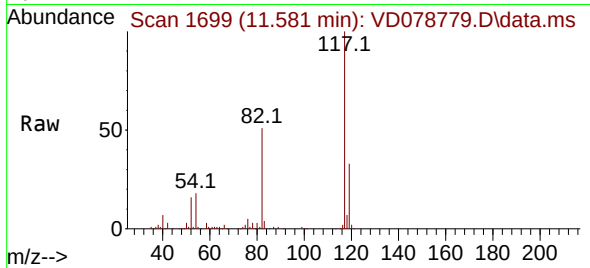




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Instrument :
MSVOA_D
ClientSampleId :
EB-02(2-4)

Tgt Ion:117 Resp: 238311
Ion Ratio Lower Upper
117 100
82 50.5 41.4 62.2
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078779.D
Acq: 28 Mar 2024 17:24

Tgt Ion:152 Resp: 93666
Ion Ratio Lower Upper
152 100
115 54.1 27.1 81.2
150 156.5 0.0 350.2

