

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077915.D
 Acq On : 15 Dec 2023 21:47
 Operator : RP/MD
 Sample : VD1215SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBL02

Quant Time: Dec 16 05:09:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	192891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	344756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148106	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93157	40.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.980%
35) Dibromofluoromethane	7.805	113	102129	42.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.580%
50) Toluene-d8	10.269	98	447301	46.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.569	95	128963	44.598	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.200%

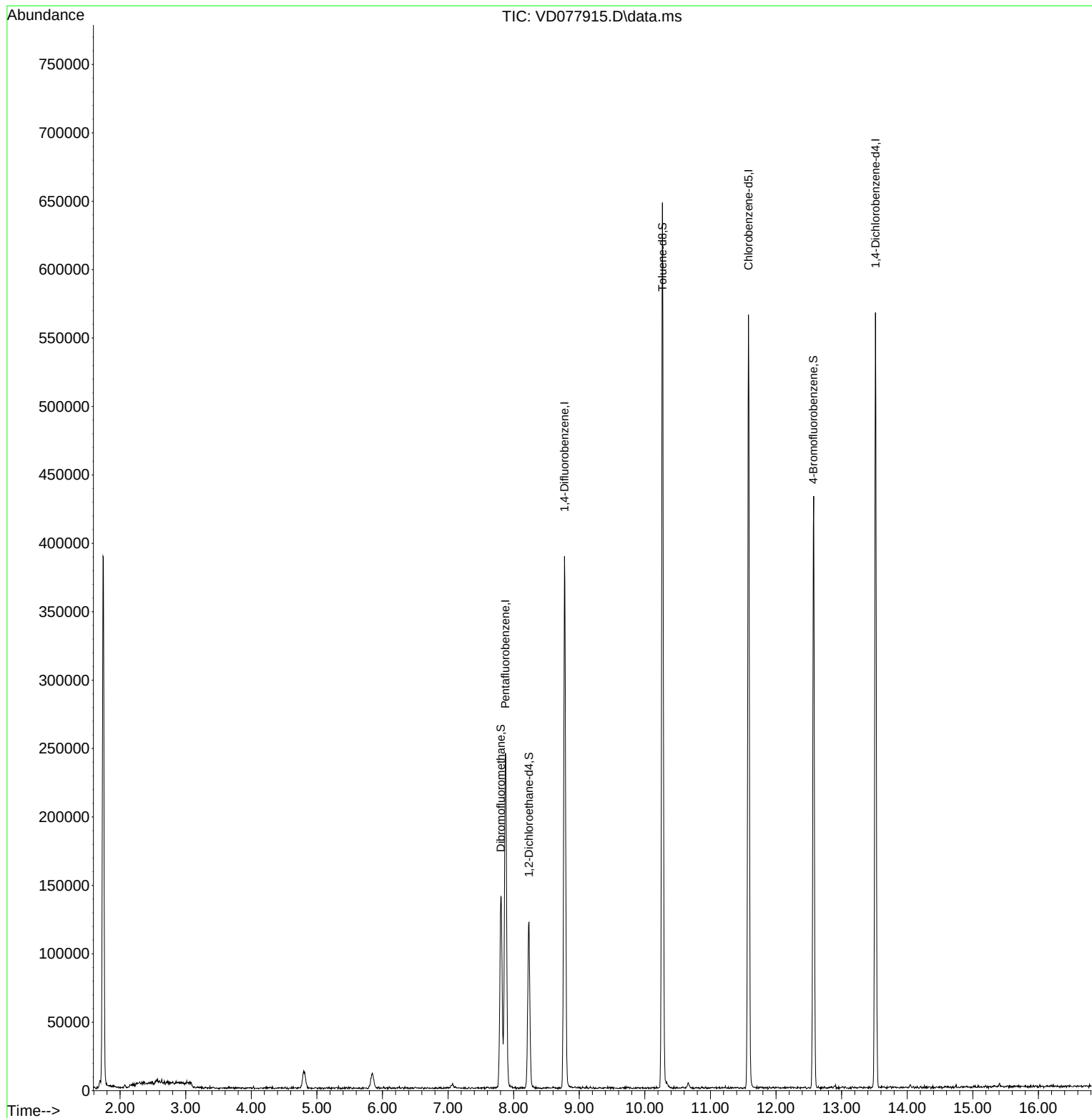
Target Compounds	Qvalue

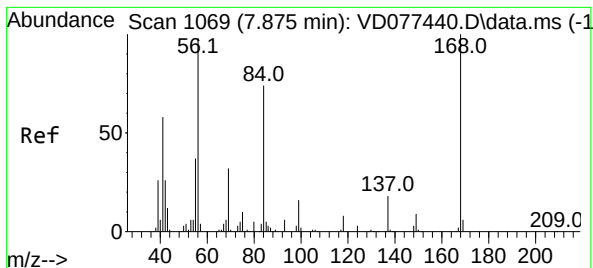
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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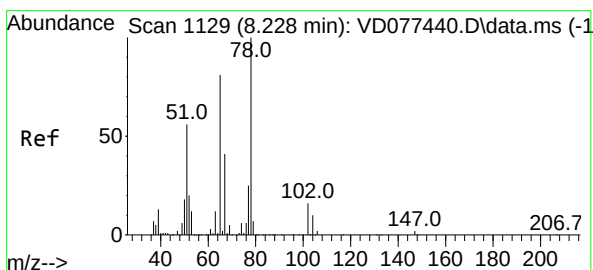
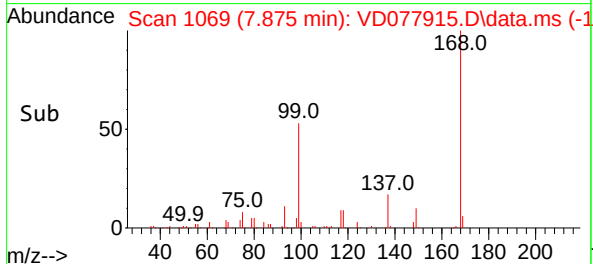
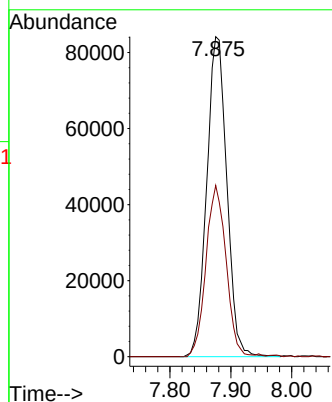
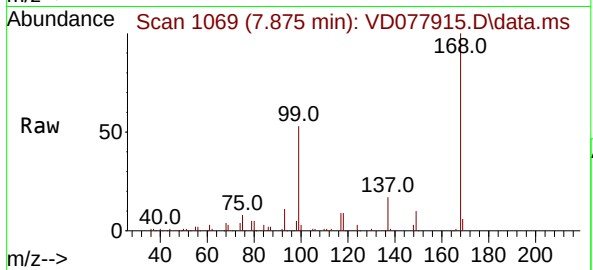




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

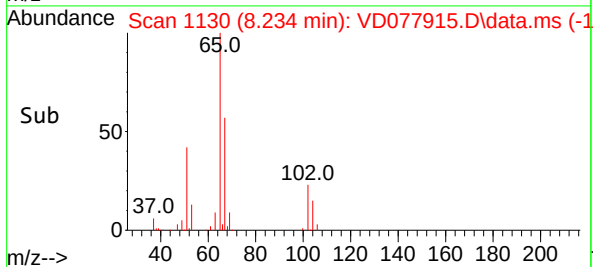
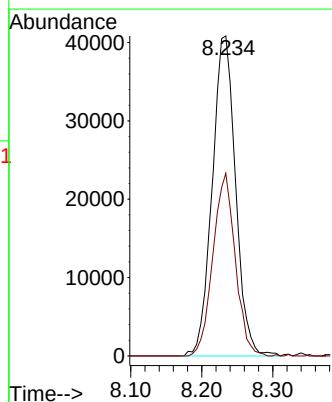
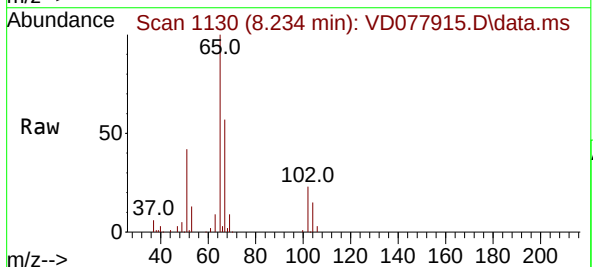
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL02

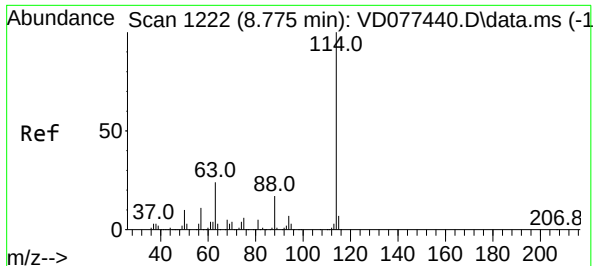
Tgt Ion:168 Resp: 192891
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.985 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

Tgt Ion: 65 Resp: 93157
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0

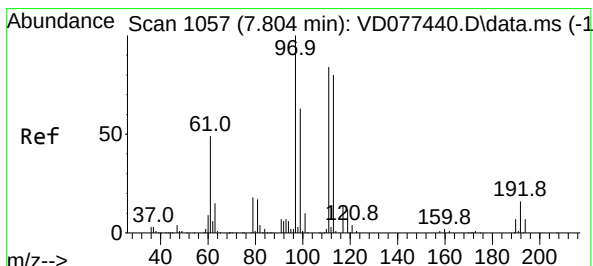
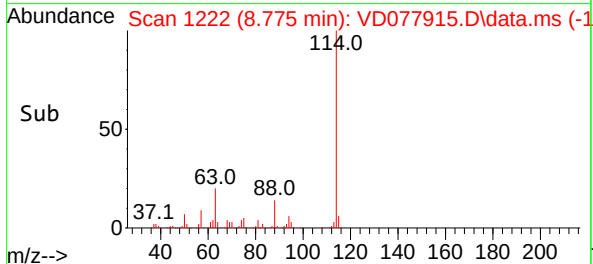
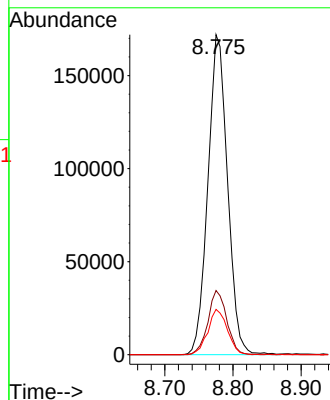
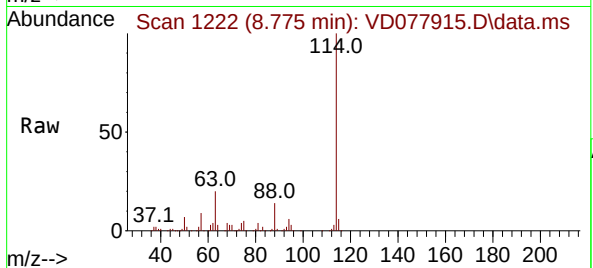




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

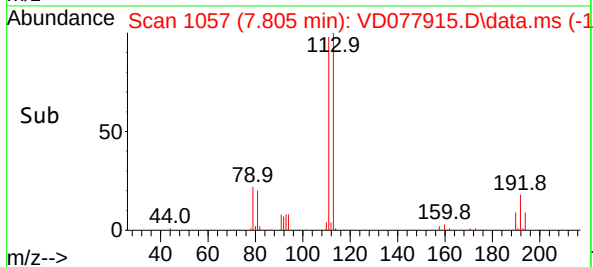
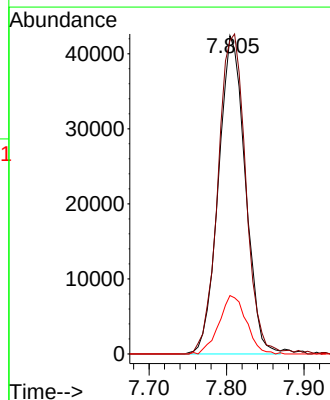
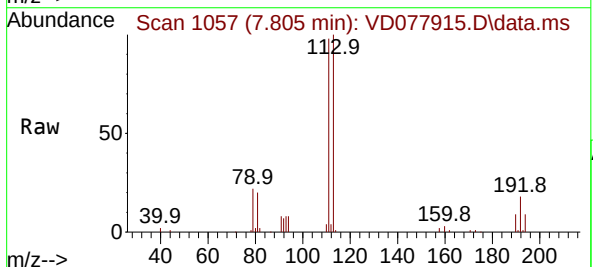
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL02

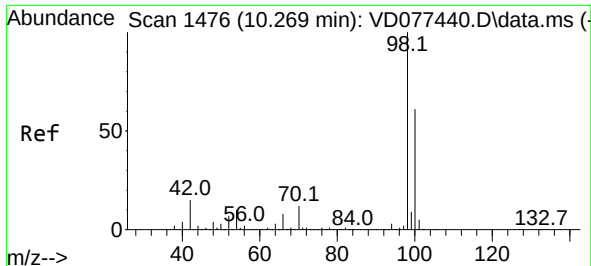
Tgt Ion:114 Resp: 344756
Ion Ratio Lower Upper
114 100
63 20.1 0.0 33.4
88 14.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 42.291 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

Tgt Ion:113 Resp: 102129
Ion Ratio Lower Upper
113 100
111 104.4 84.7 127.1
192 18.7 16.8 25.2

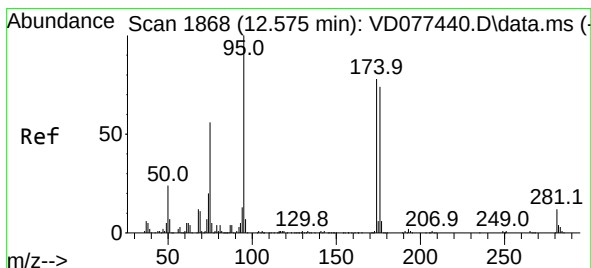
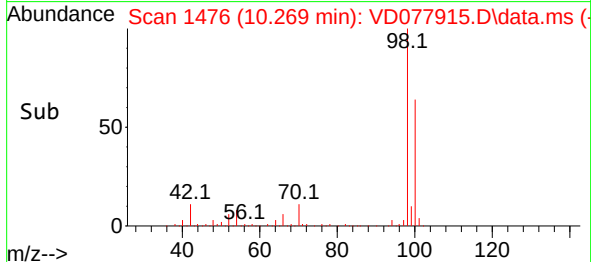
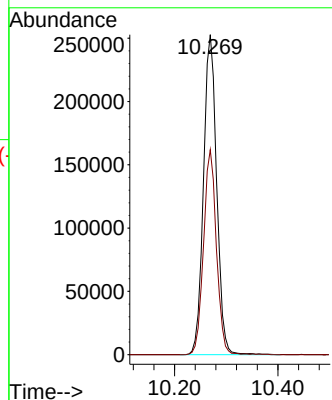
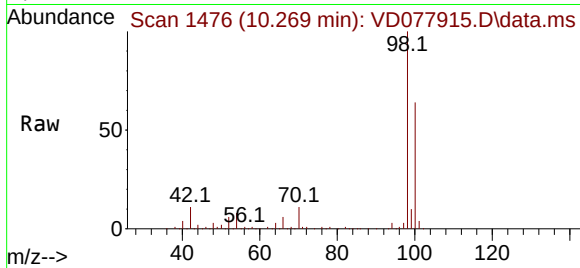




#50
Toluene-d8
Concen: 46.247 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

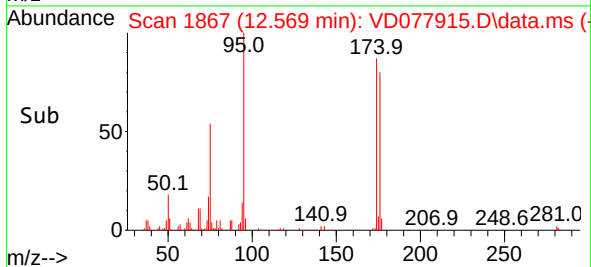
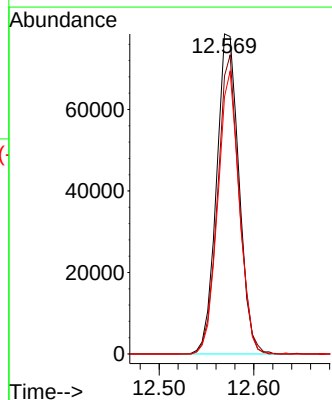
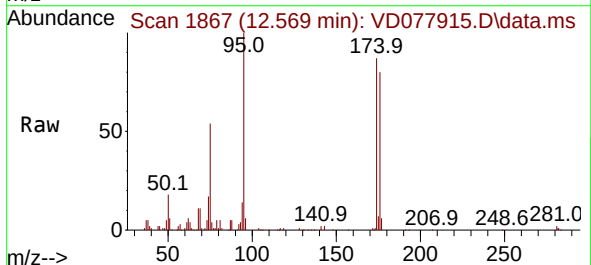
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL02

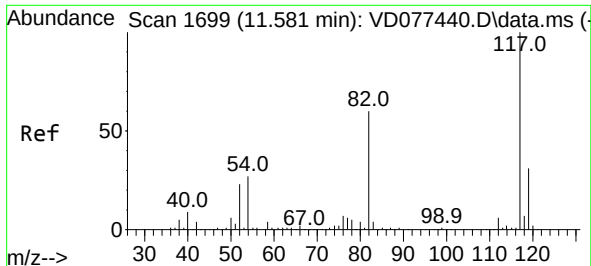
Tgt Ion: 98 Resp: 447301
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.598 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

Tgt Ion: 95 Resp: 128963
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 84.6 0.0 191.8

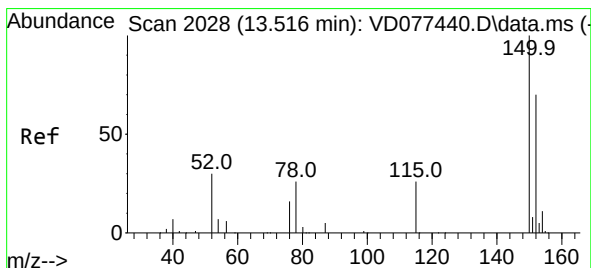
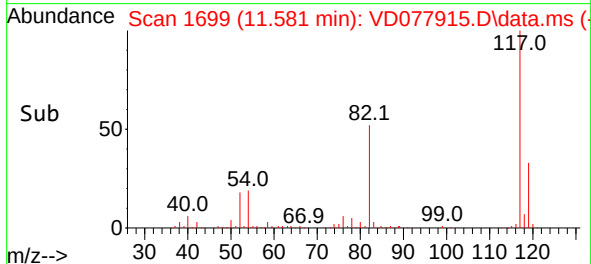
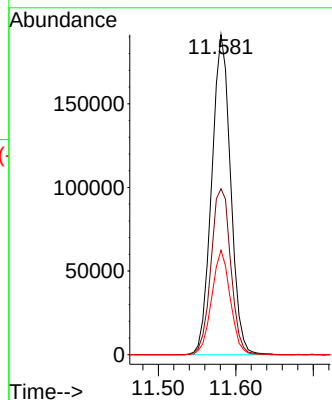
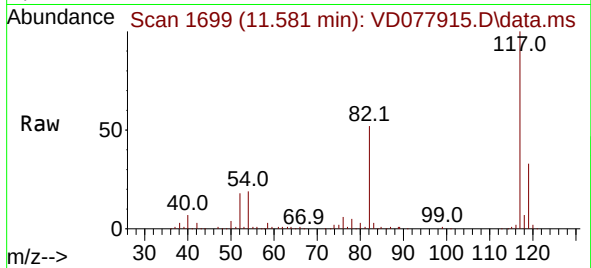




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077915.D
Acq: 15 Dec 2023 21:47

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL02

Tgt Ion:117 Resp: 325031
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.7 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: VD077915.D
Acq: 15 Dec 2023 21:47

Tgt Ion:152 Resp: 148106
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 156.3 0.0 353.6

