

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077511.D
 Acq On : 06 Nov 2023 16:55
 Operator : JC/SY
 Sample : 05270-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-3-110623

Quant Time: Nov 07 02:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	309925	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	583692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	518478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	222105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	183661	41.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.820%
35) Dibromofluoromethane	7.805	113	173016	42.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.780%
50) Toluene-d8	10.269	98	752078	47.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.575	95	225390	42.705	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.420%

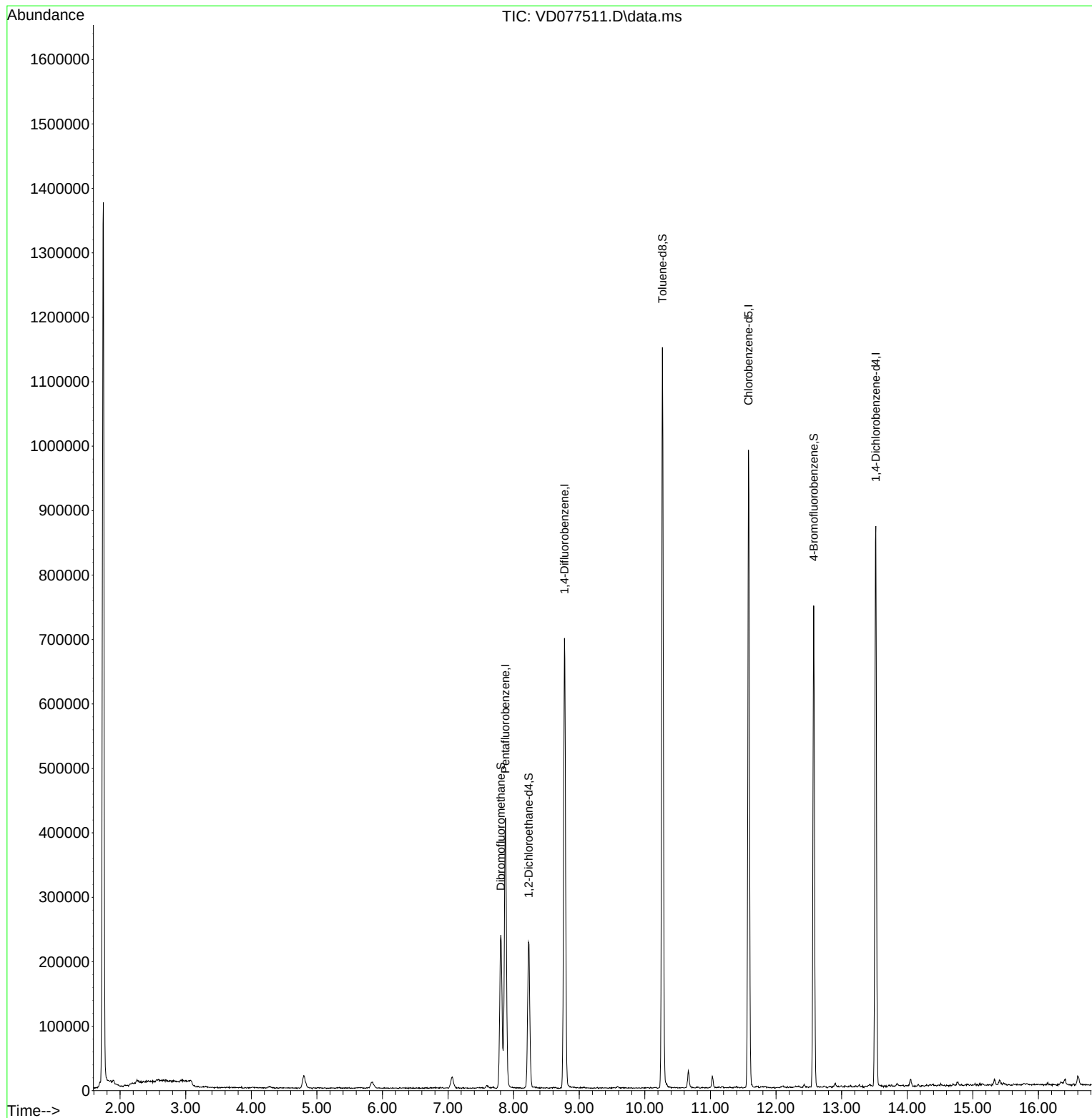
Target Compounds	Qvalue

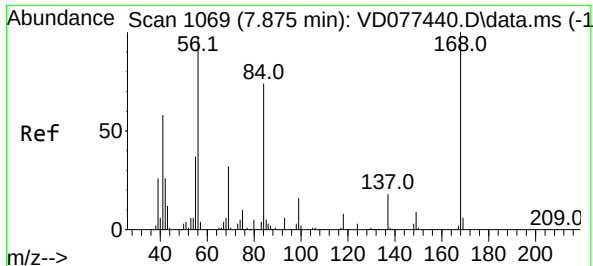
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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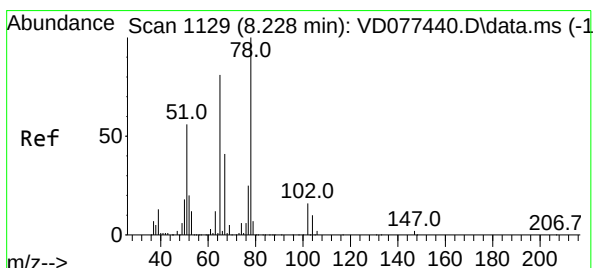
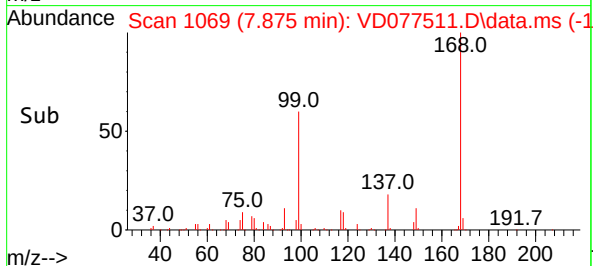
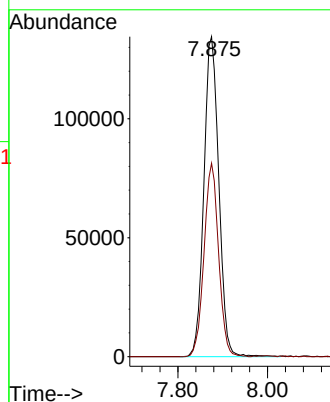
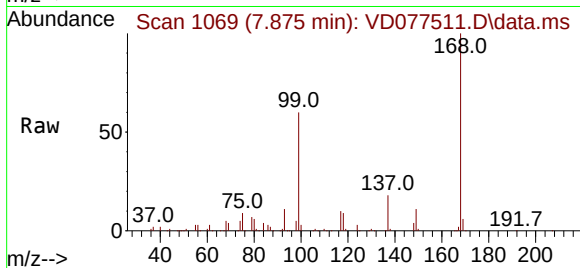




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

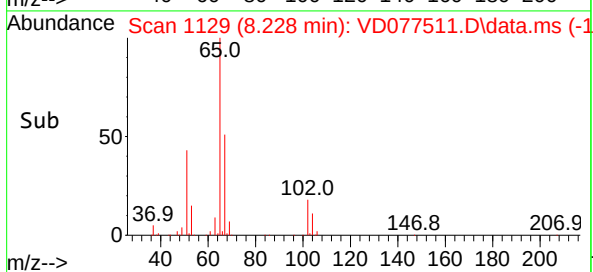
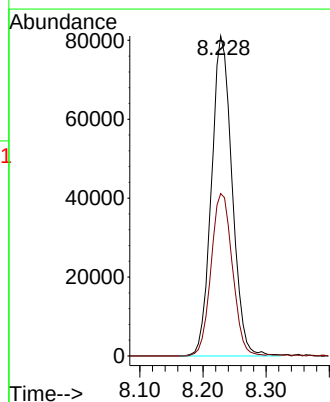
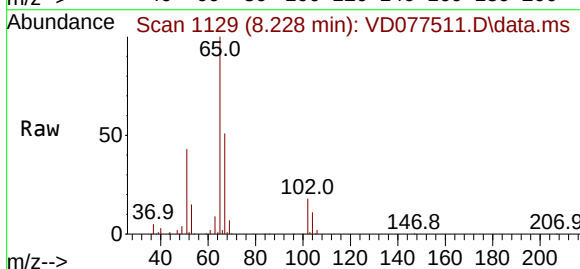
Instrument :
MSVOA_D
ClientSampleId :
OR-3-110623

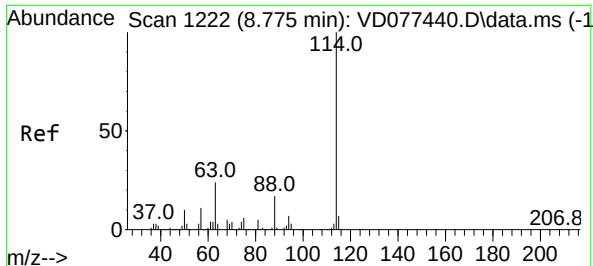
Tgt Ion:168 Resp: 309925
Ion Ratio Lower Upper
168 100
99 60.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 41.908 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion: 65 Resp: 183661
Ion Ratio Lower Upper
65 100
67 52.6 0.0 115.0

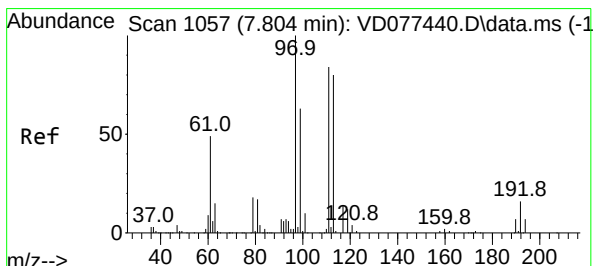
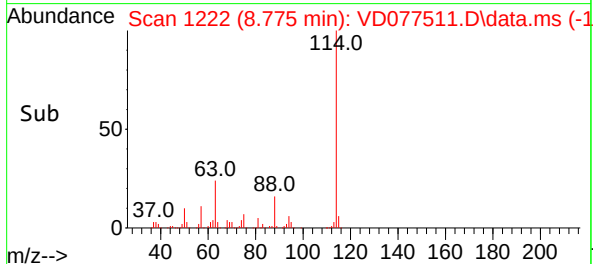
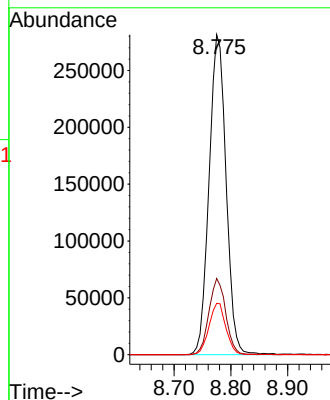
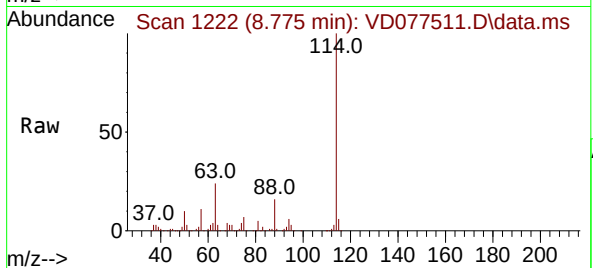




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

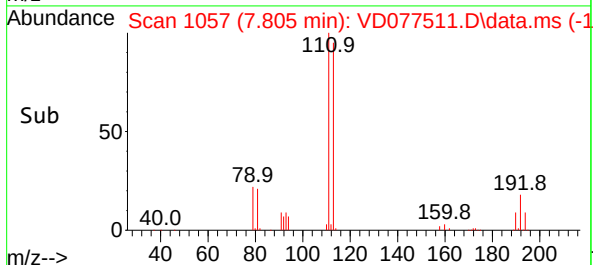
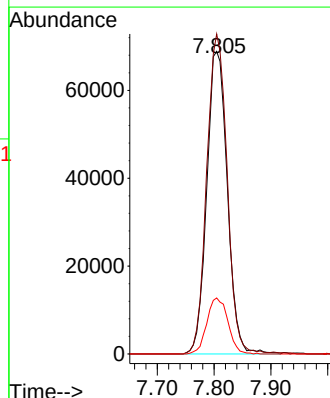
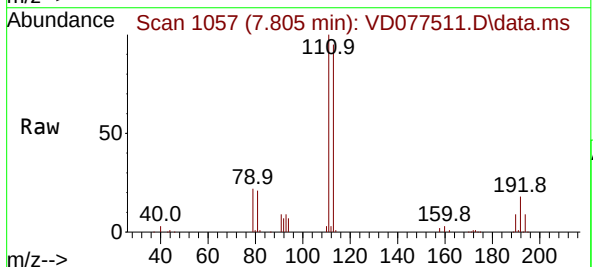
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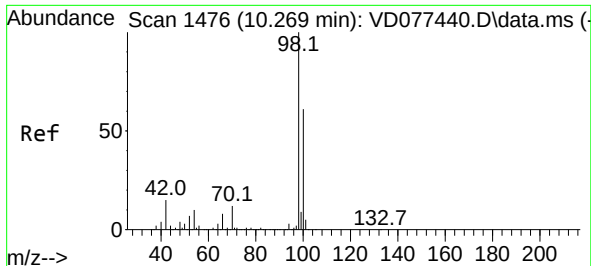
Tgt Ion:114 Resp: 583692
Ion Ratio Lower Upper
114 100
63 23.8 0.0 33.4
88 16.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 42.887 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion:113 Resp: 173016
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 19.0 16.8 25.2

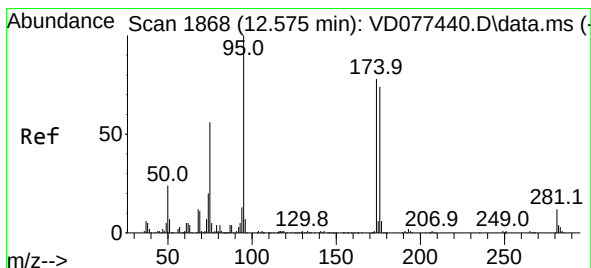
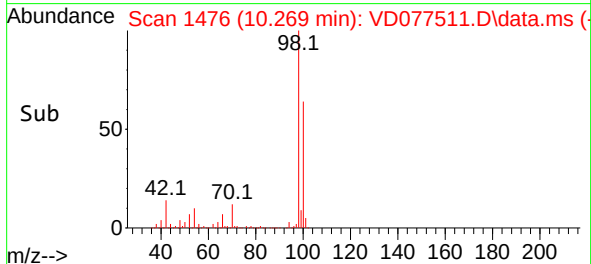
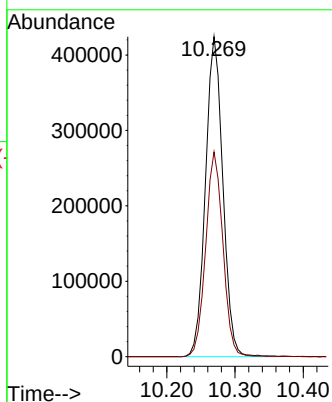
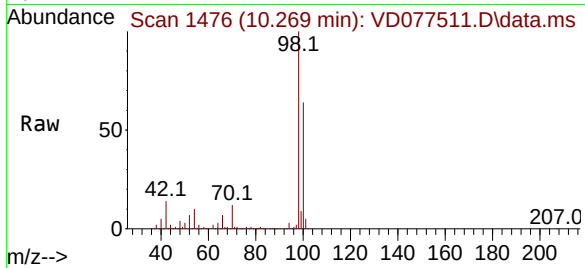




#50
Toluene-d8
Concen: 47.995 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

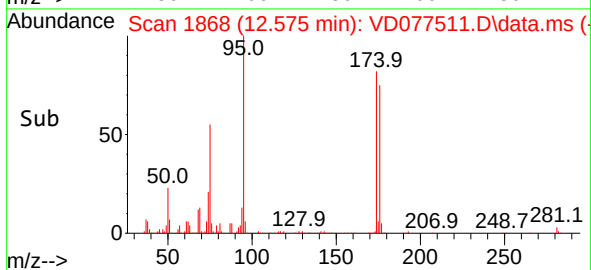
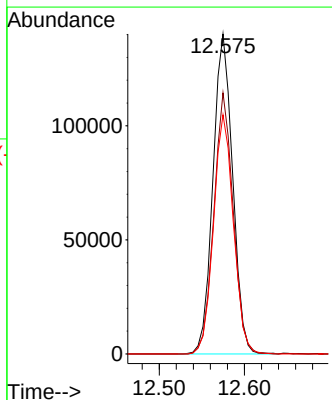
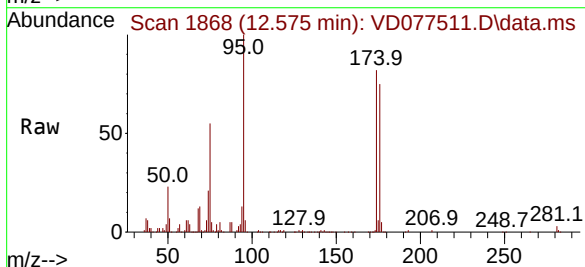
Instrument :
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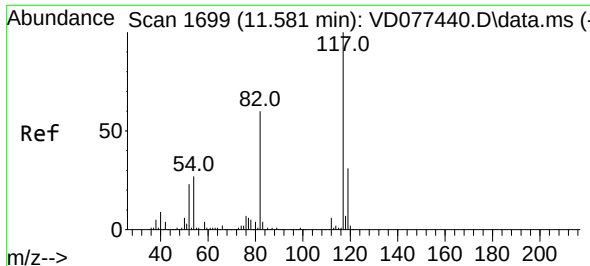
Tgt Ion: 98 Resp: 752078
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.705 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion: 95 Resp: 225390
Ion Ratio Lower Upper
95 100
174 80.2 0.0 201.8
176 75.7 0.0 191.8

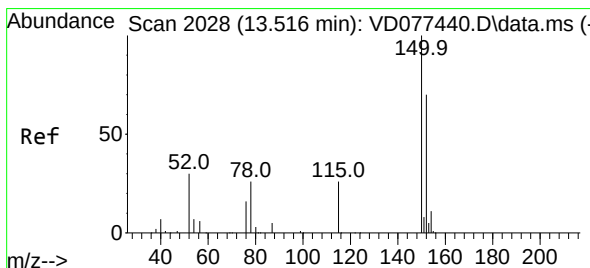
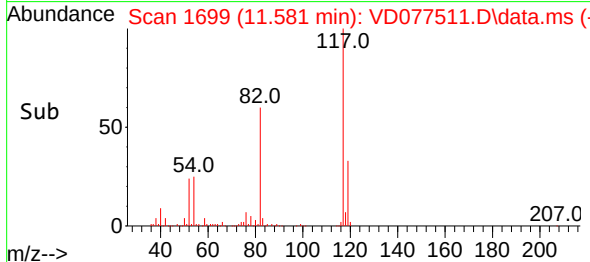
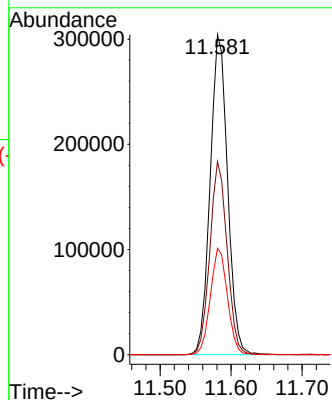
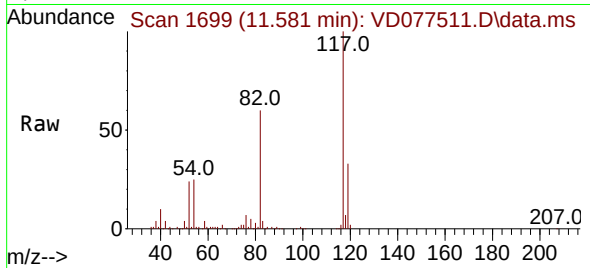




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Instrument :
MSVOA_D
ClientSampleId :
OR-3-110623

Tgt Ion:117 Resp: 518478
Ion Ratio Lower Upper
117 100
82 60.3 38.3 57.5#
119 33.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077511.D
Acq: 06 Nov 2023 16:55

Tgt Ion:152 Resp: 222105
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 157.6 0.0 353.6

