

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075661.D
 Acq On : 13 Apr 2023 15:31
 Operator : KP/SY
 Sample : VD0413SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0413SBL01

Quant Time: Apr 14 01:34:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	171882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	130421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101390	62.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.300%
35) Dibromofluoromethane	7.805	113	118248	53.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.240%
50) Toluene-d8	10.269	98	425331	48.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.575	95	115640	49.269	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.540%

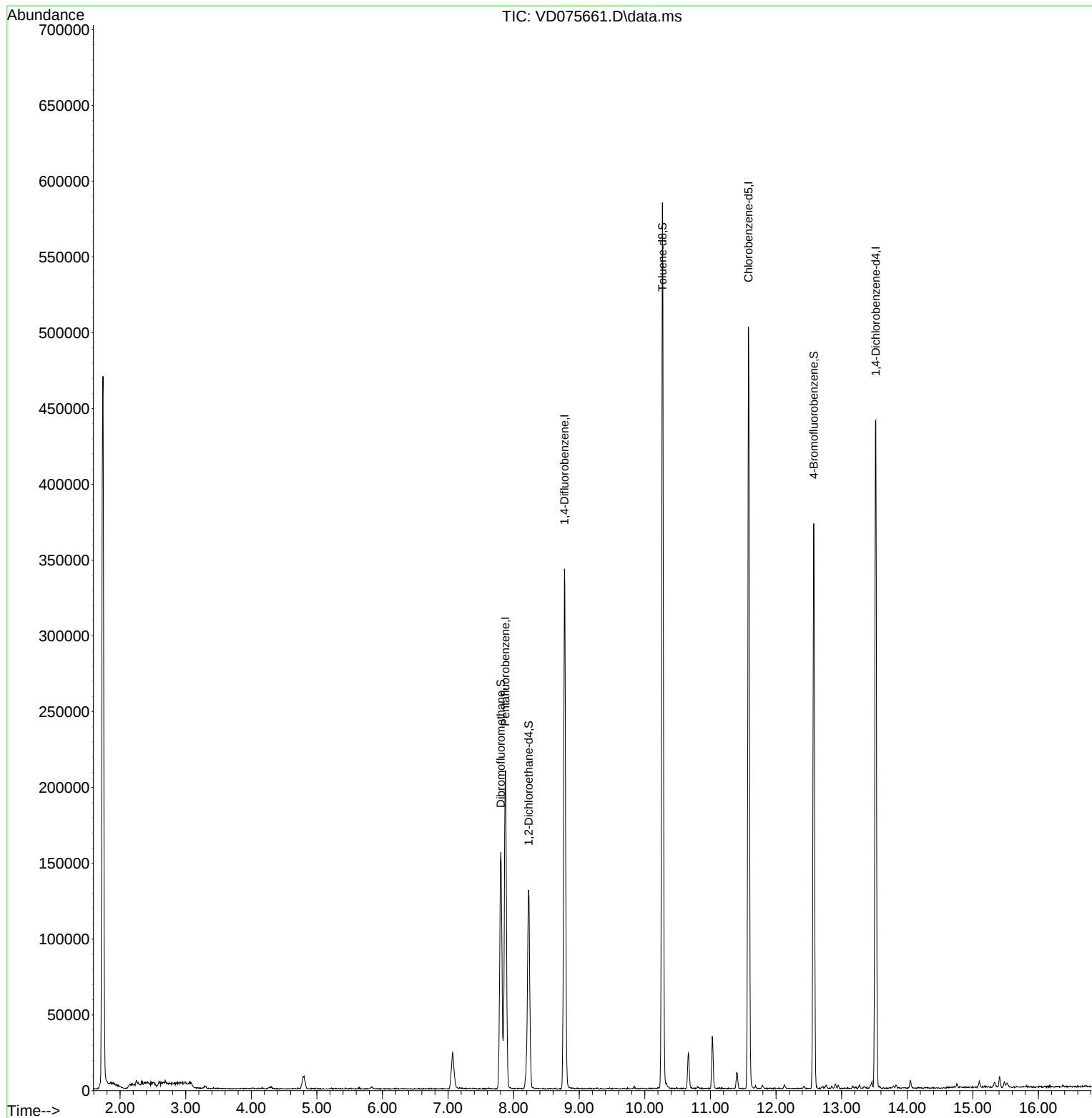
Target Compounds	Qvalue

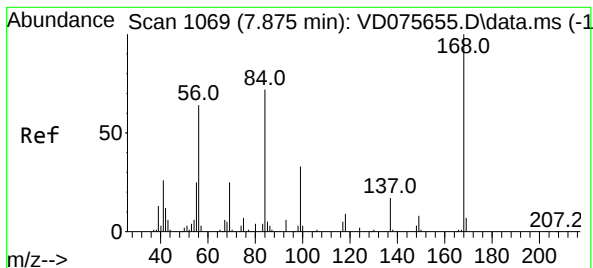
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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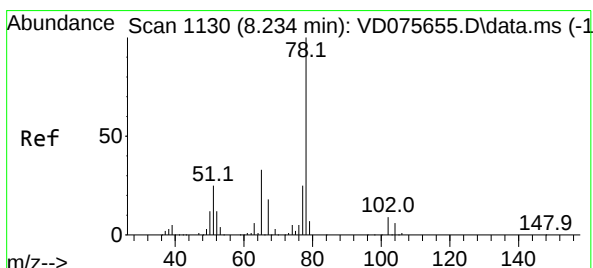
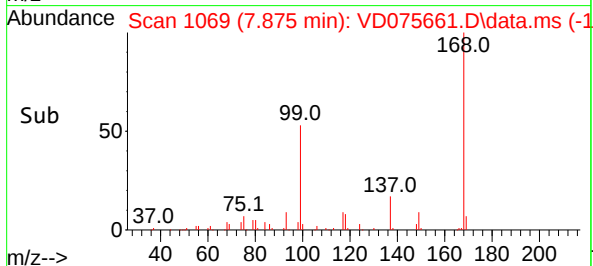
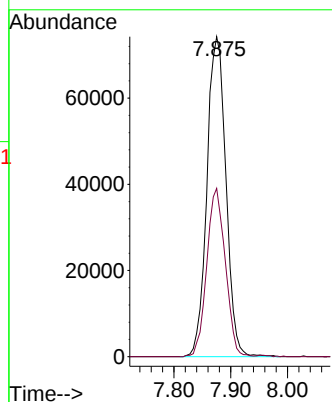
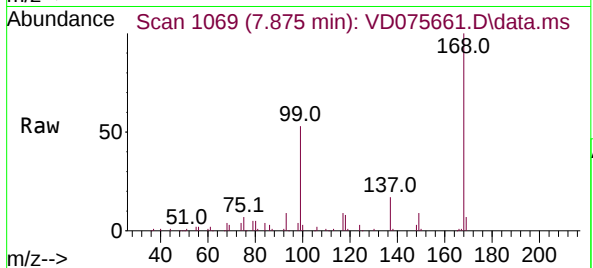




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

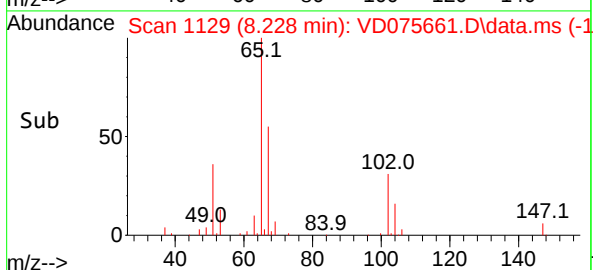
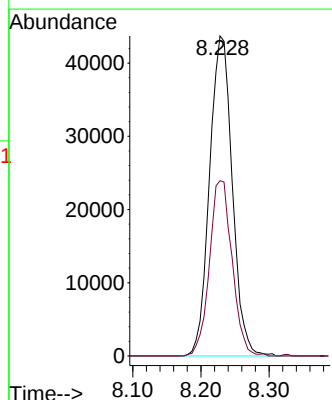
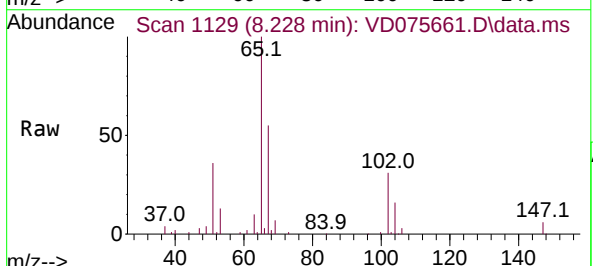
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

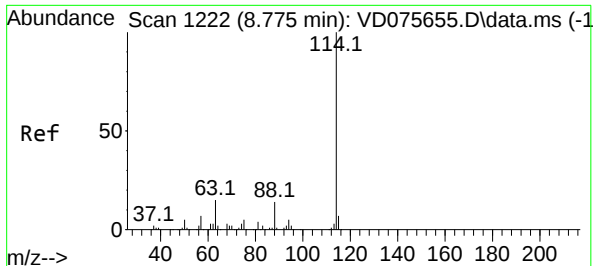
Tgt Ion:168 Resp: 171882
Ion Ratio Lower Upper
168 100
99 52.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.146 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion: 65 Resp: 101390
Ion Ratio Lower Upper
65 100
67 54.6 0.0 102.2

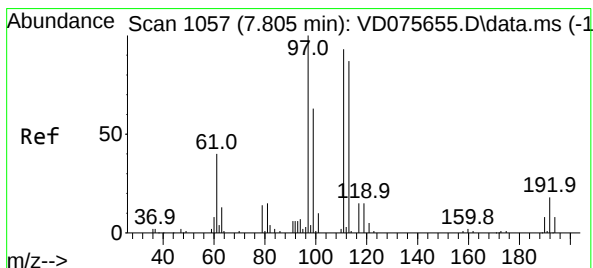
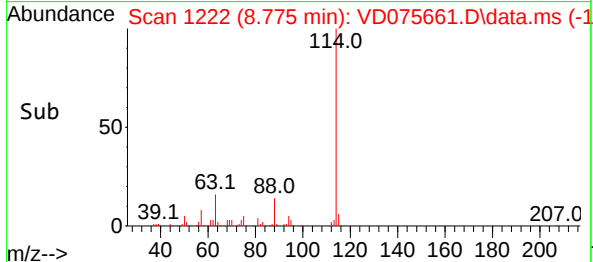
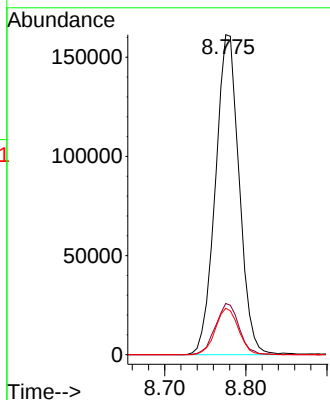
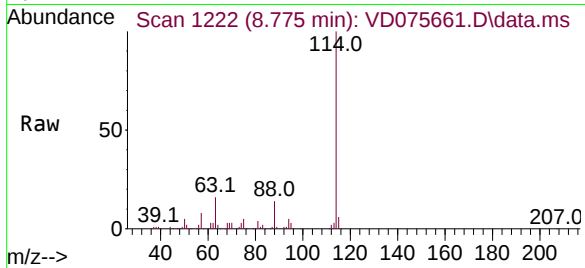




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

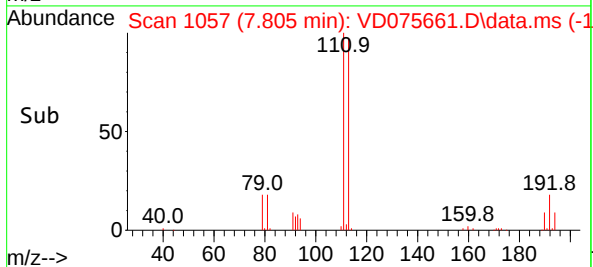
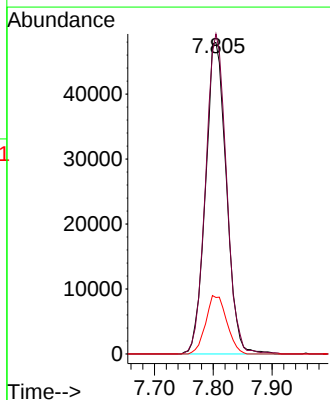
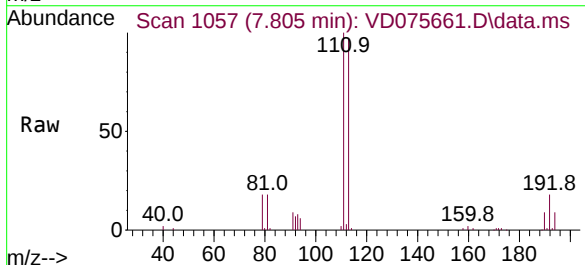
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

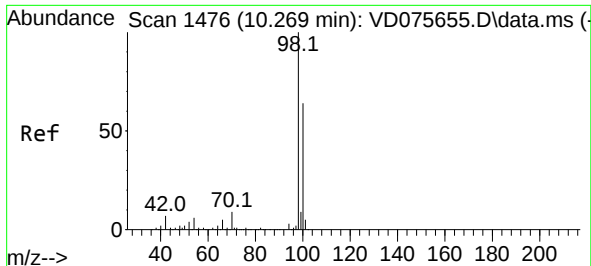
Tgt Ion:114 Resp: 327849
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.6
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.625 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion:113 Resp: 118248
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.8 15.2 22.8

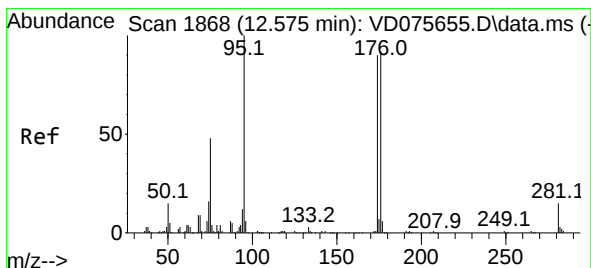
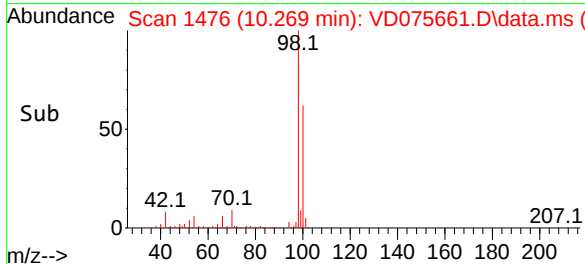
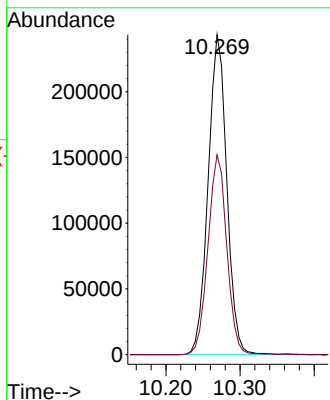
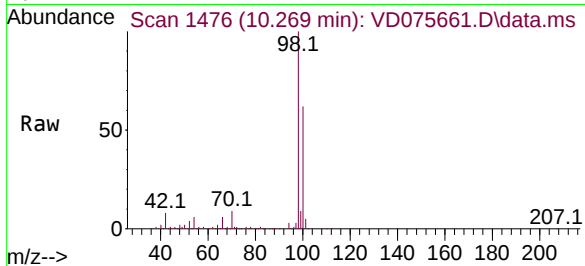




#50
Toluene-d8
Concen: 48.166 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

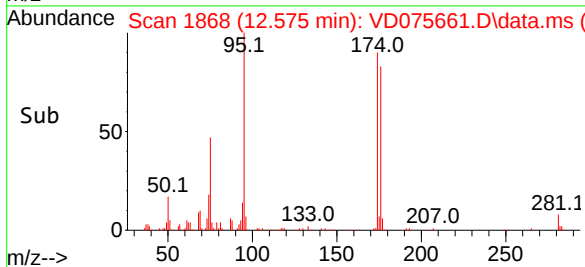
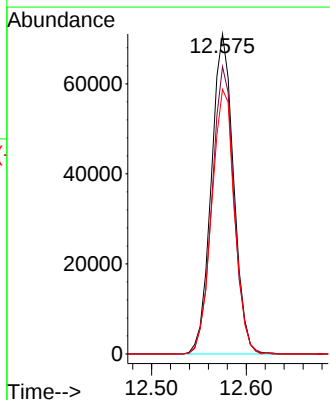
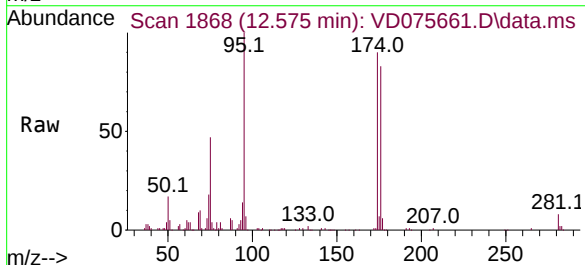
Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

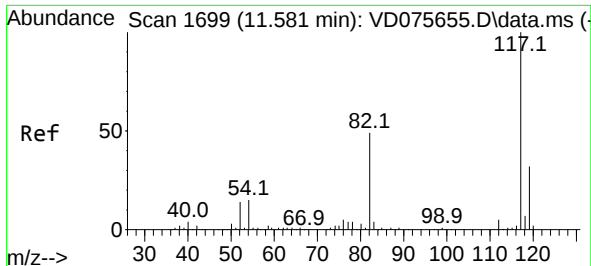
Tgt Ion: 98 Resp: 425331
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.269 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion: 95 Resp: 115640
Ion Ratio Lower Upper
95 100
174 89.1 0.0 164.0
176 84.8 0.0 156.8

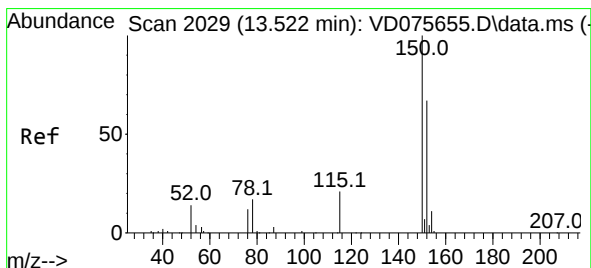
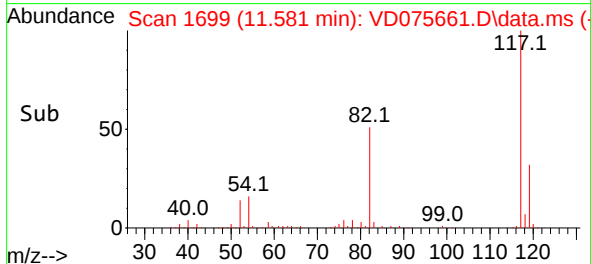
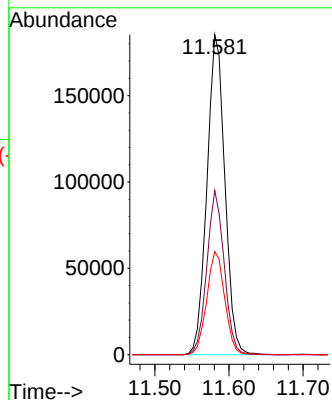
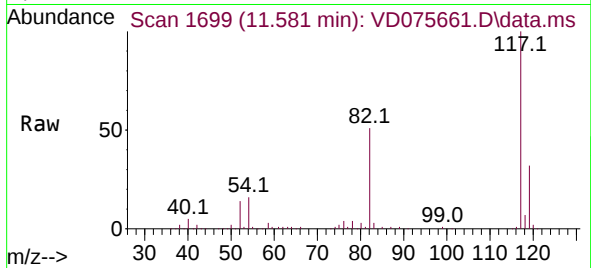




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
VD0413SBL01

Tgt Ion:117 Resp: 311045
Ion Ratio Lower Upper
117 100
82 51.3 44.0 66.0
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075661.D
Acq: 13 Apr 2023 15:31

Tgt Ion:152 Resp: 130421
Ion Ratio Lower Upper
152 100
115 55.7 30.1 90.3
150 159.2 0.0 364.8

