

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074842.D
 Acq On : 09 Nov 2022 23:03
 Operator : VA/SY
 Sample : VD1109SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1109SBL02

Quant Time: Nov 10 00:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	269418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65205	54.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.640%
35) Dibromofluoromethane	7.810	113	78439	49.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.269	98	279752	48.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.575	95	85444	50.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.800%

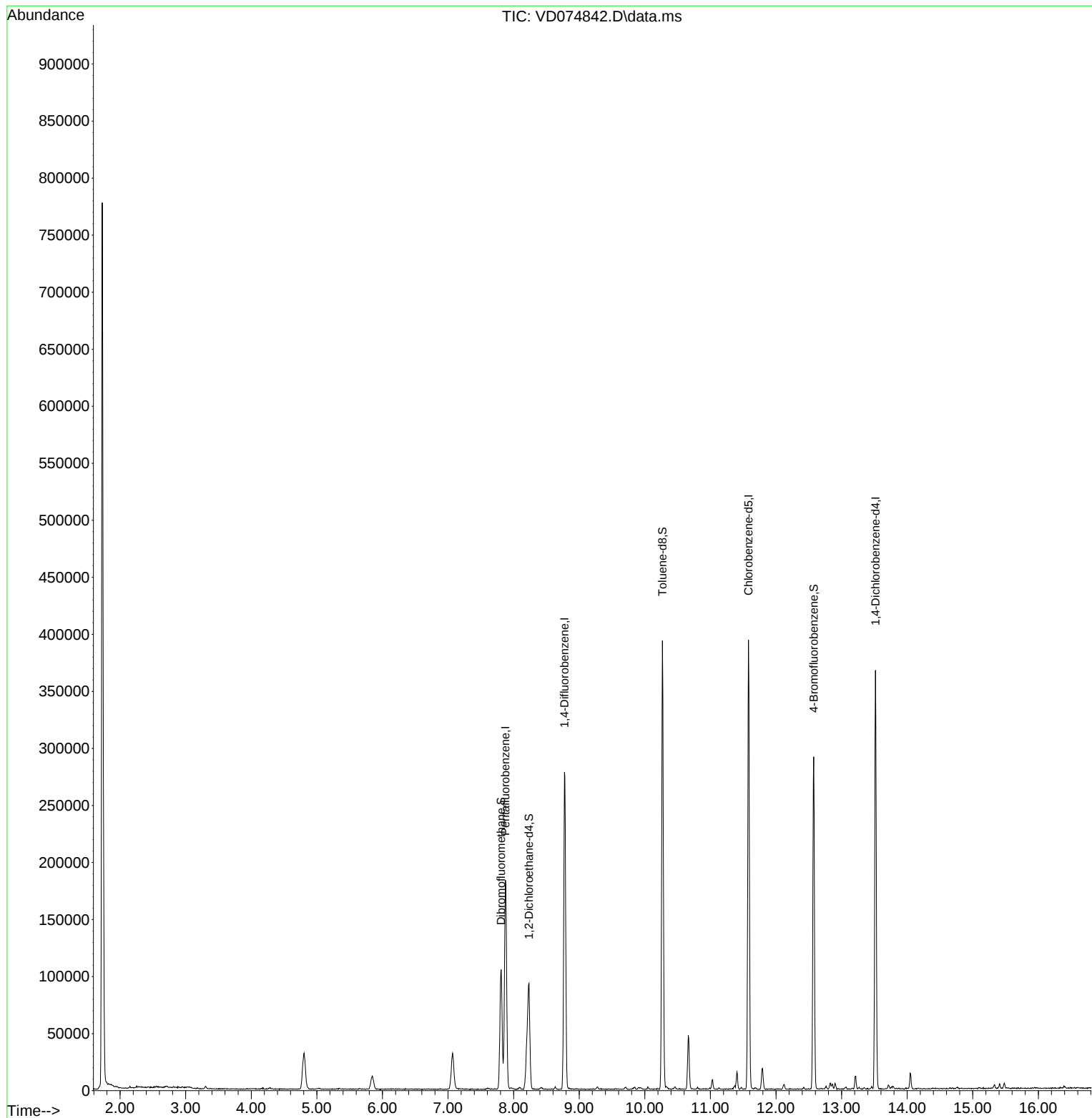
Target Compounds	Qvalue

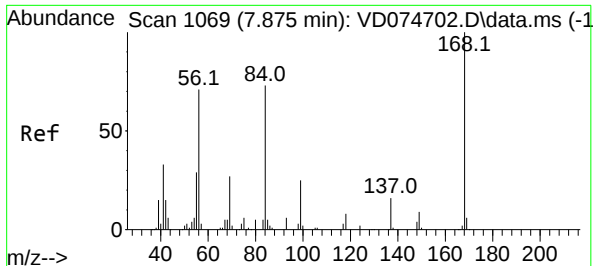
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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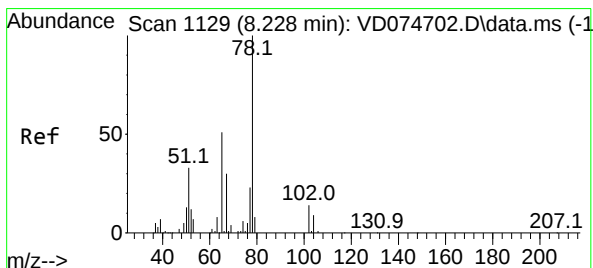
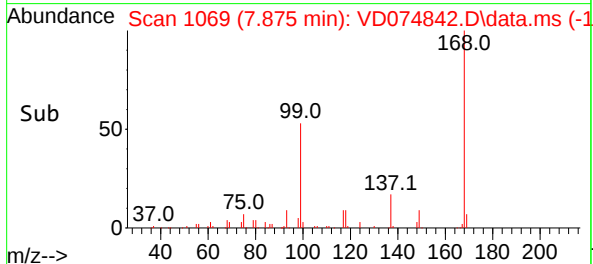
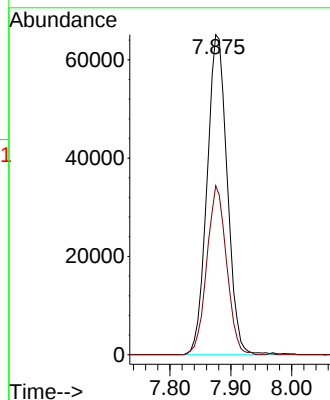
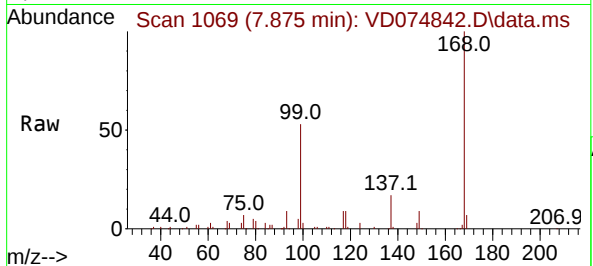




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

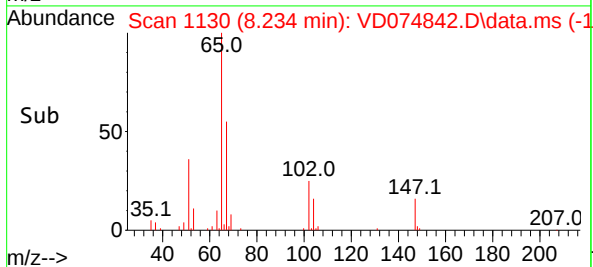
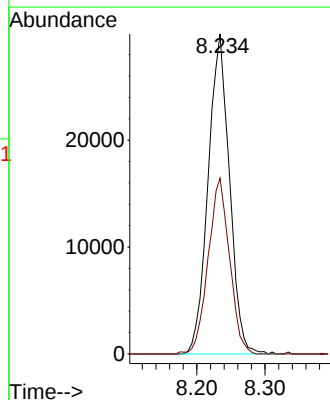
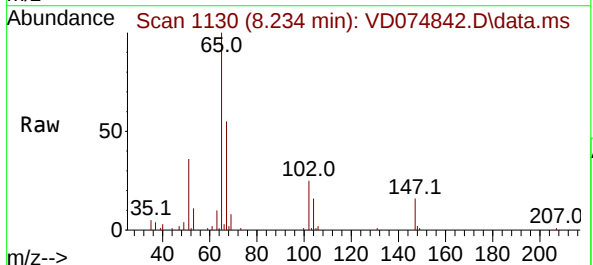
Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

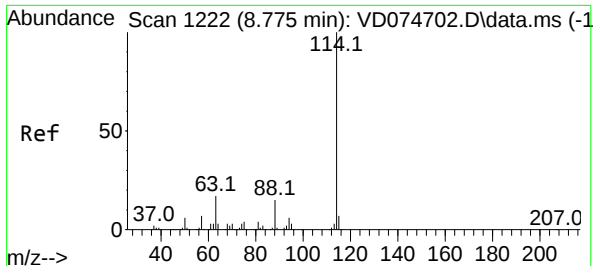
Tgt Ion:168 Resp: 150168
Ion Ratio Lower Upper
168 100
99 52.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 54.824 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 65 Resp: 65205
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074842.D

Acq: 09 Nov 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

VD1109SBL02

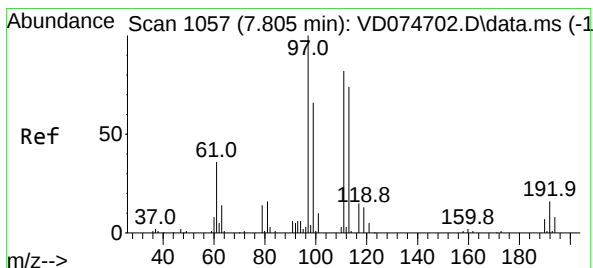
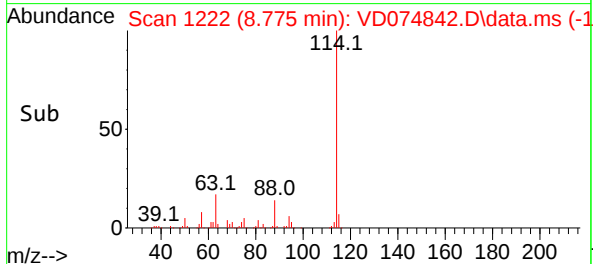
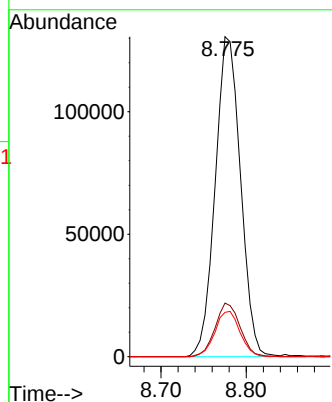
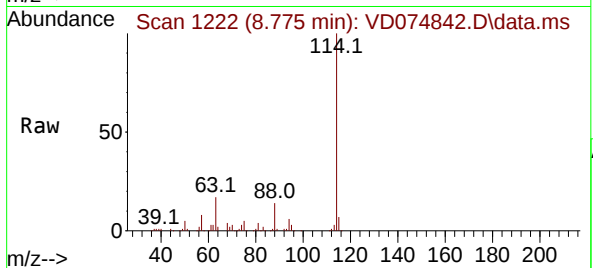
Tgt Ion:114 Resp: 269418

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.218 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074842.D

Acq: 09 Nov 2022 23:03

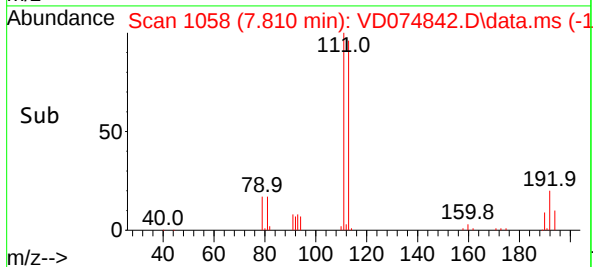
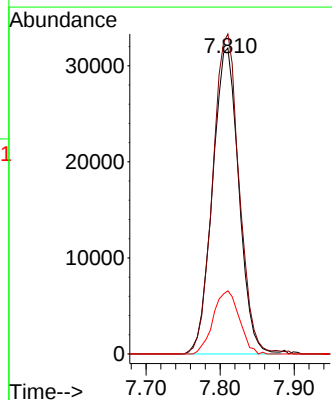
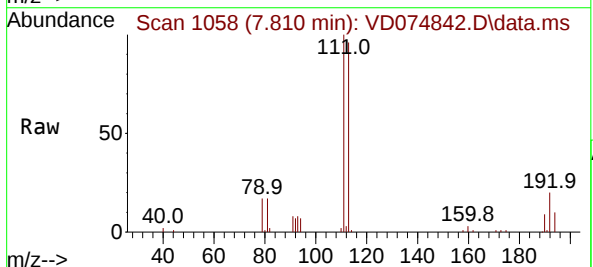
Tgt Ion:113 Resp: 78439

Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 20.4 16.4 24.6

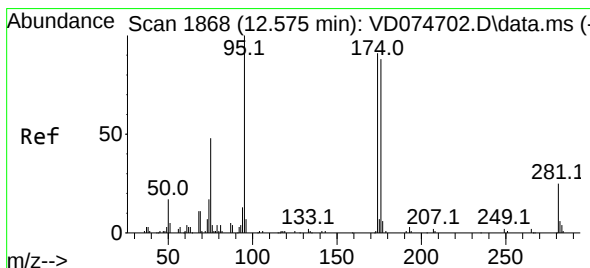
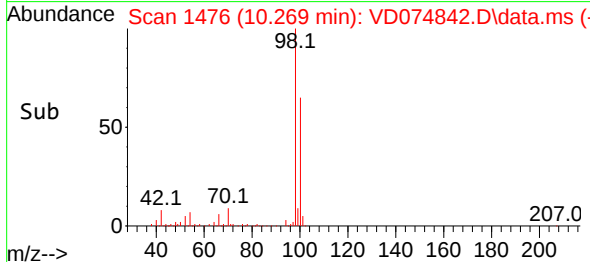
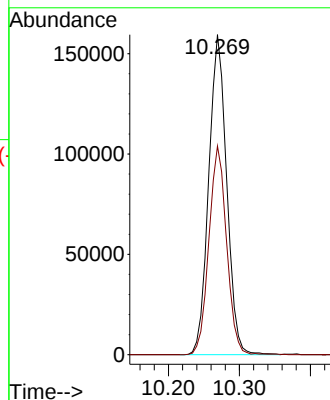
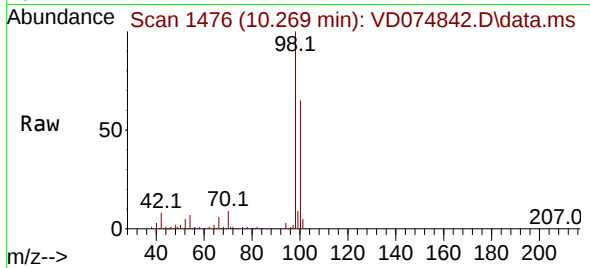




#50
Toluene-d8
Concen: 48.122 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

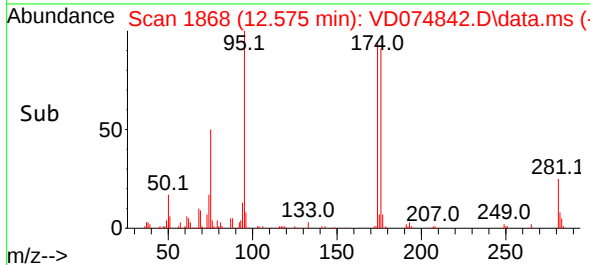
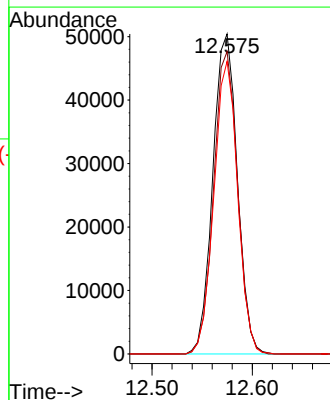
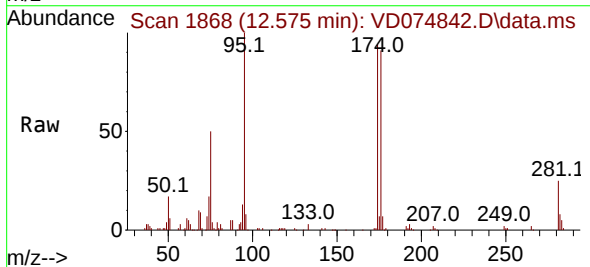
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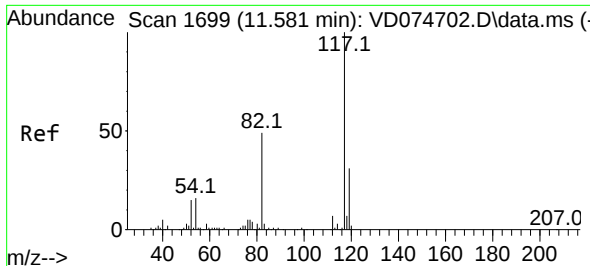
Tgt Ion: 98 Resp: 279752
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.904 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion: 95 Resp: 85444
Ion Ratio Lower Upper
95 100
174 92.4 0.0 197.0
176 88.8 0.0 182.6

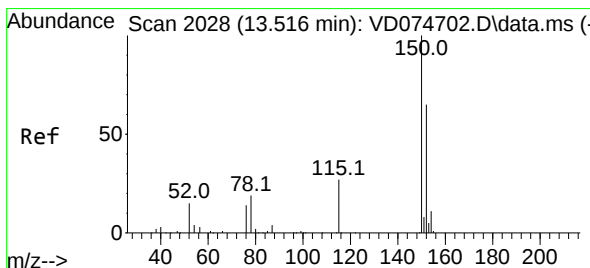
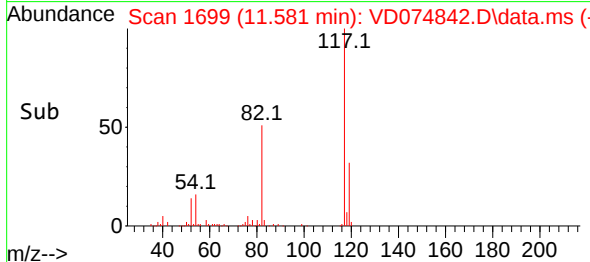
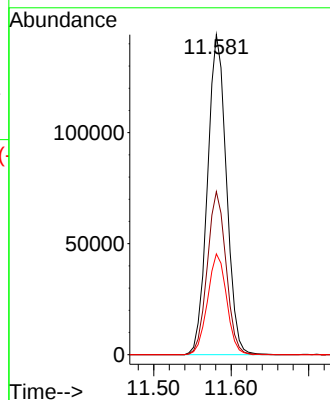
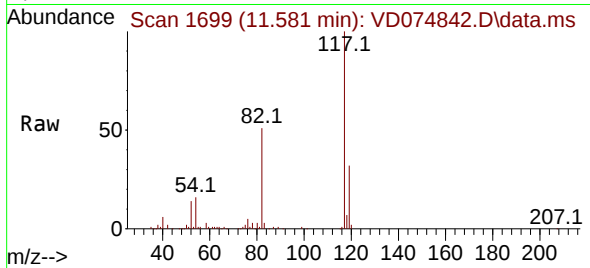




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Instrument :
MSVOA_D
ClientSampleId :
VD1109SBL02

Tgt Ion:117 Resp: 244132
Ion Ratio Lower Upper
117 100
82 51.0 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074842.D
Acq: 09 Nov 2022 23:03

Tgt Ion:152 Resp: 107033
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 155.6 0.0 348.2

