

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075747.D
 Acq On : 19 Apr 2023 14:21
 Operator : KP/SY
 Sample : 02270-15
 Misc : 4.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19-0-2-20230411

Quant Time: Apr 20 06:00:39 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	7.881	168	214093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	423627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	368957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	139467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	109443	53.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.720%
35) Dibromofluoromethane	7.810	113	135111	47.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.840%
50) Toluene-d8	10.269	98	500605	43.873	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.575	95	117794	38.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.680%

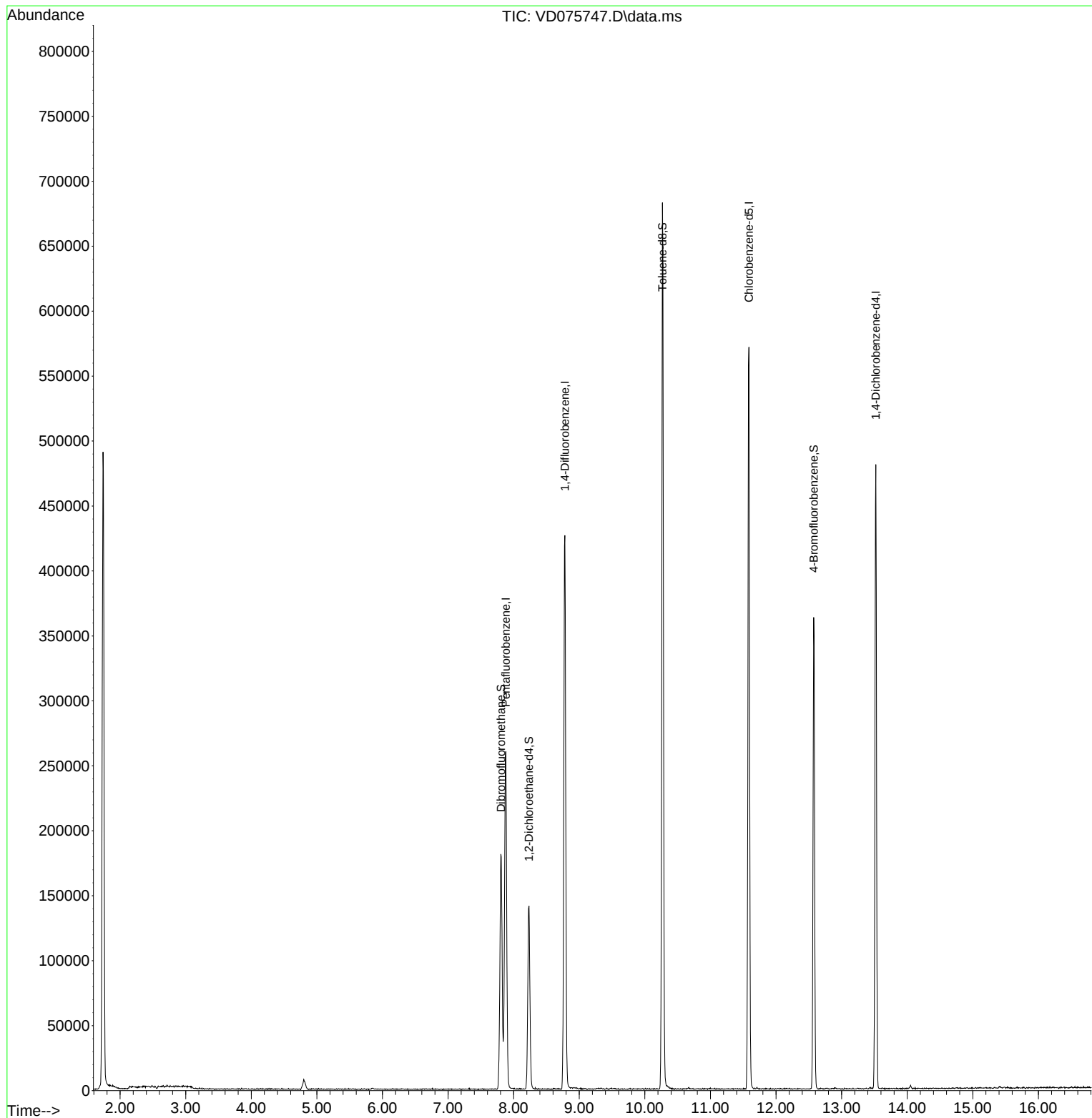
Target Compounds	Qvalue

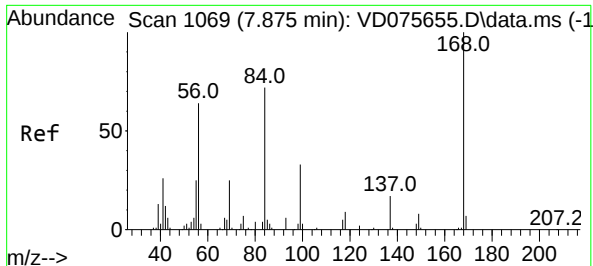
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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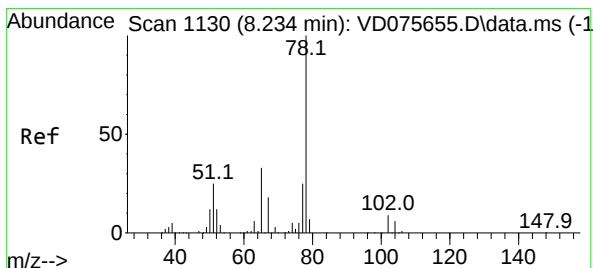
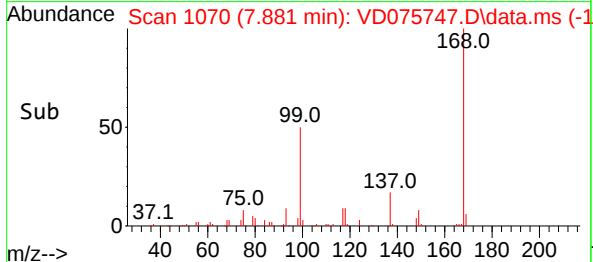
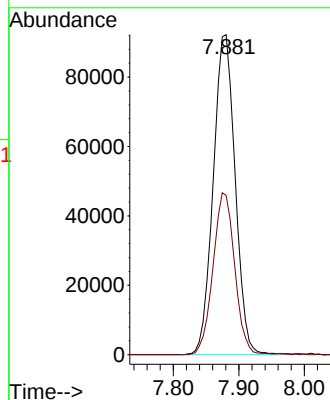
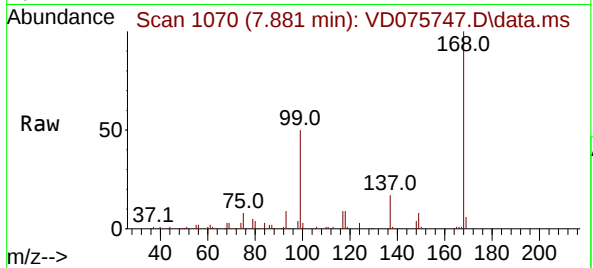




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

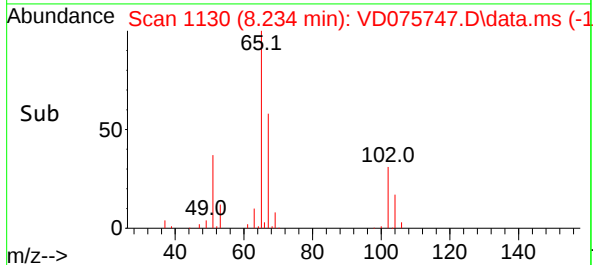
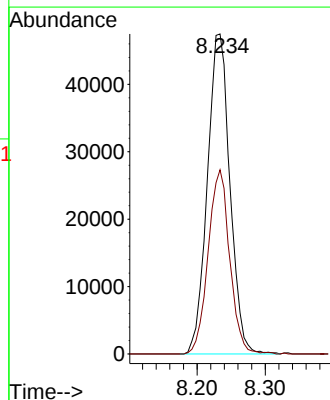
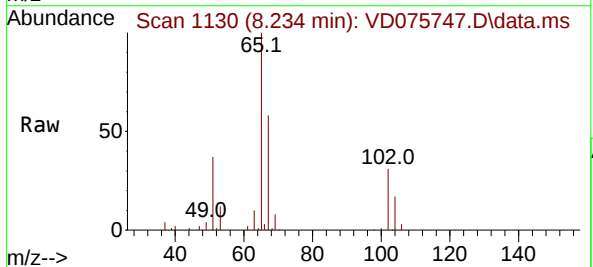
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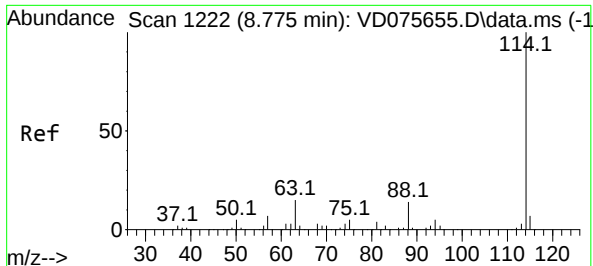
Tgt Ion:168 Resp: 214093
Ion Ratio Lower Upper
168 100
99 49.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 53.856 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

Tgt Ion: 65 Resp: 109443
Ion Ratio Lower Upper
65 100
67 54.9 0.0 102.2

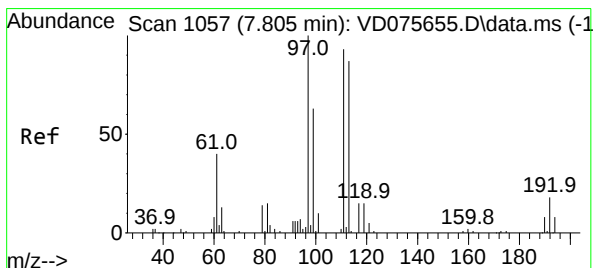
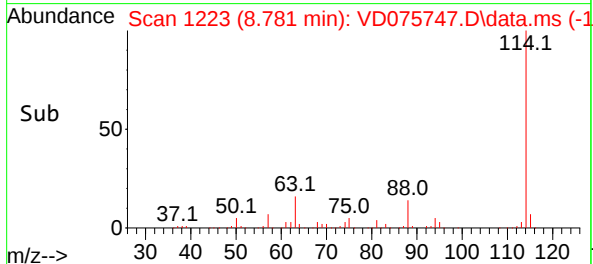
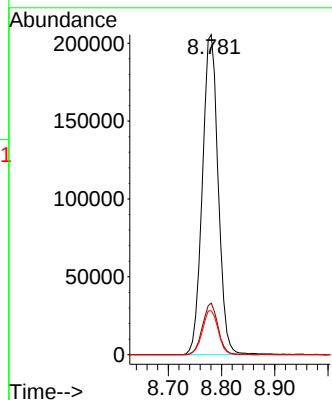
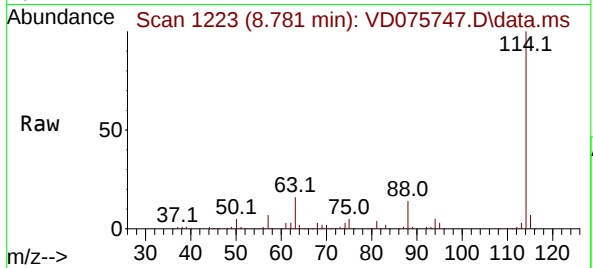




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

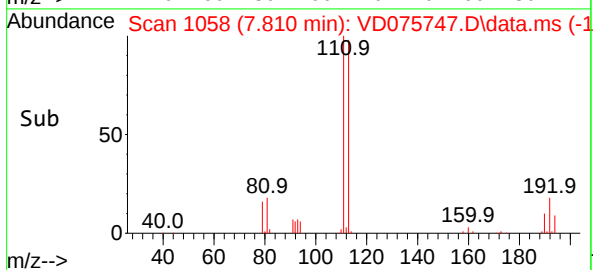
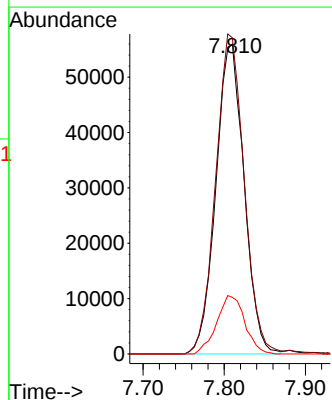
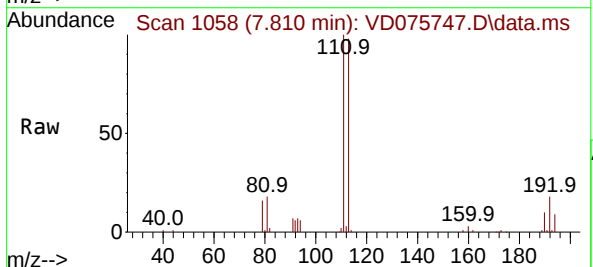
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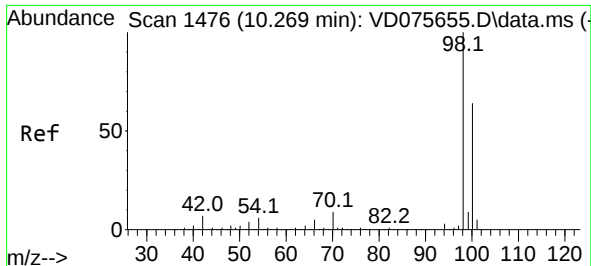
Tgt Ion:114 Resp: 423627
Ion Ratio Lower Upper
114 100
63 16.1 0.0 41.6
88 13.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

Tgt Ion:113 Resp: 135111
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 18.8 15.2 22.8

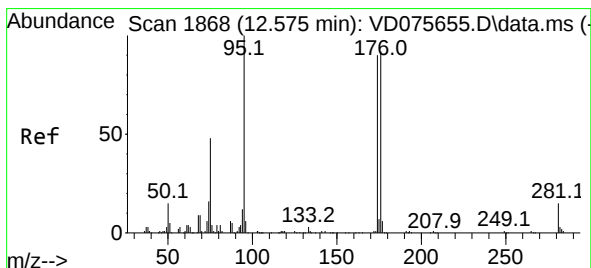
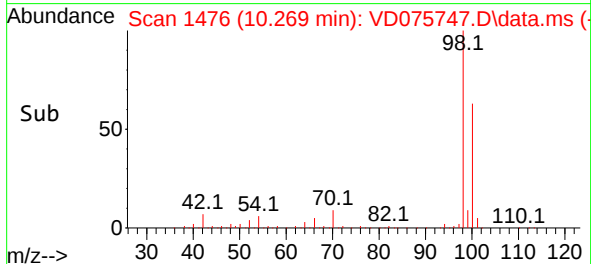
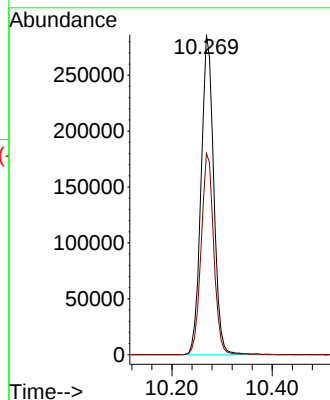
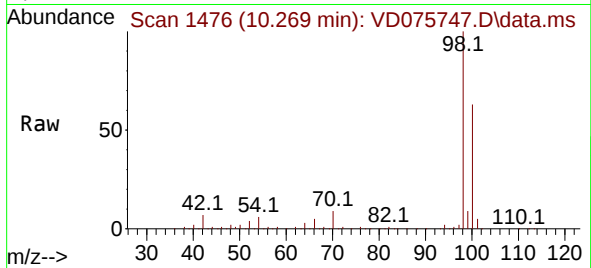




#50
Toluene-d8
Concen: 43.873 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

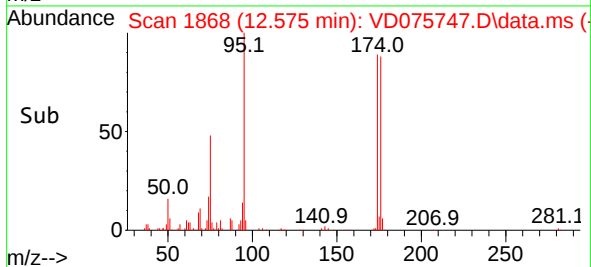
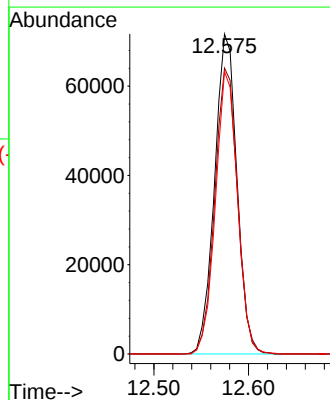
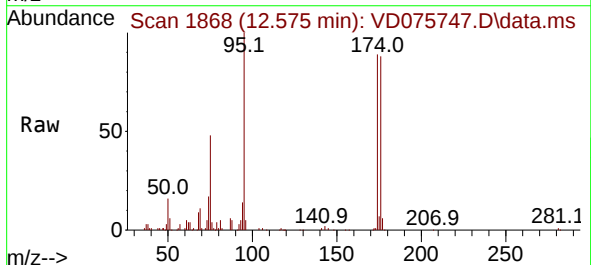
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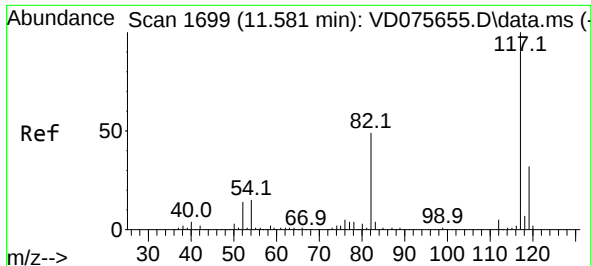
Tgt Ion: 98 Resp: 500605
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

Tgt Ion: 95 Resp: 117794
Ion Ratio Lower Upper
95 100
174 90.2 0.0 164.0
176 87.1 0.0 156.8

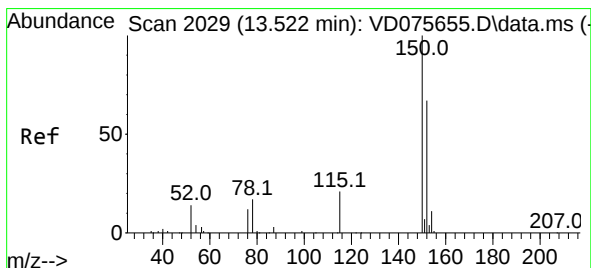
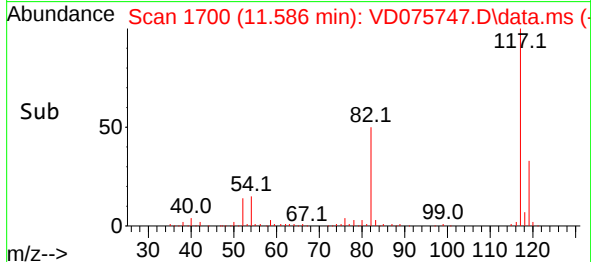
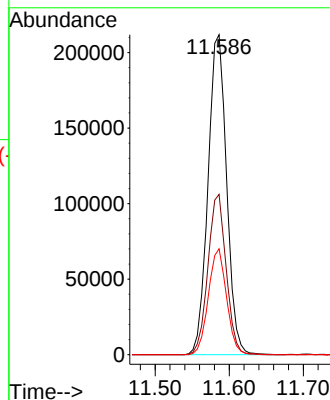
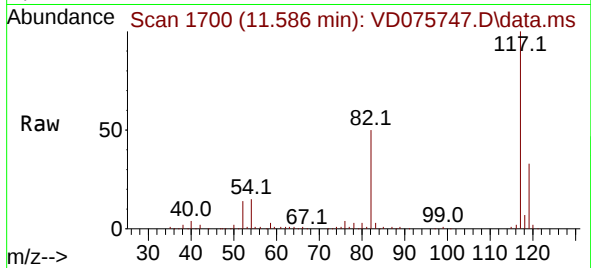




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075747.D
Acq: 19 Apr 2023 14:21

Instrument :
MSVOA_D
ClientSampleId :
SB-19-0-2-20230411

Tgt Ion:117 Resp: 368957
Ion Ratio Lower Upper
117 100
82 50.1 44.0 66.0
119 33.1 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: VD075747.D
Acq: 19 Apr 2023 14:21

Tgt Ion:152 Resp: 139467
Ion Ratio Lower Upper
152 100
115 54.8 30.1 90.3
150 159.0 0.0 364.8

