

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075679.D
 Acq On : 14 Apr 2023 14:57
 Operator : KP/SY
 Sample : 02307-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-041223

Quant Time: Apr 17 01:33:29 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	122426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	421685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	198907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78626	67.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.320%
35) Dibromofluoromethane	7.805	113	124496	55.332	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.660%
50) Toluene-d8	10.269	98	468776	52.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.060%
62) 4-Bromofluorobenzene	12.575	95	167280	69.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	139.700%

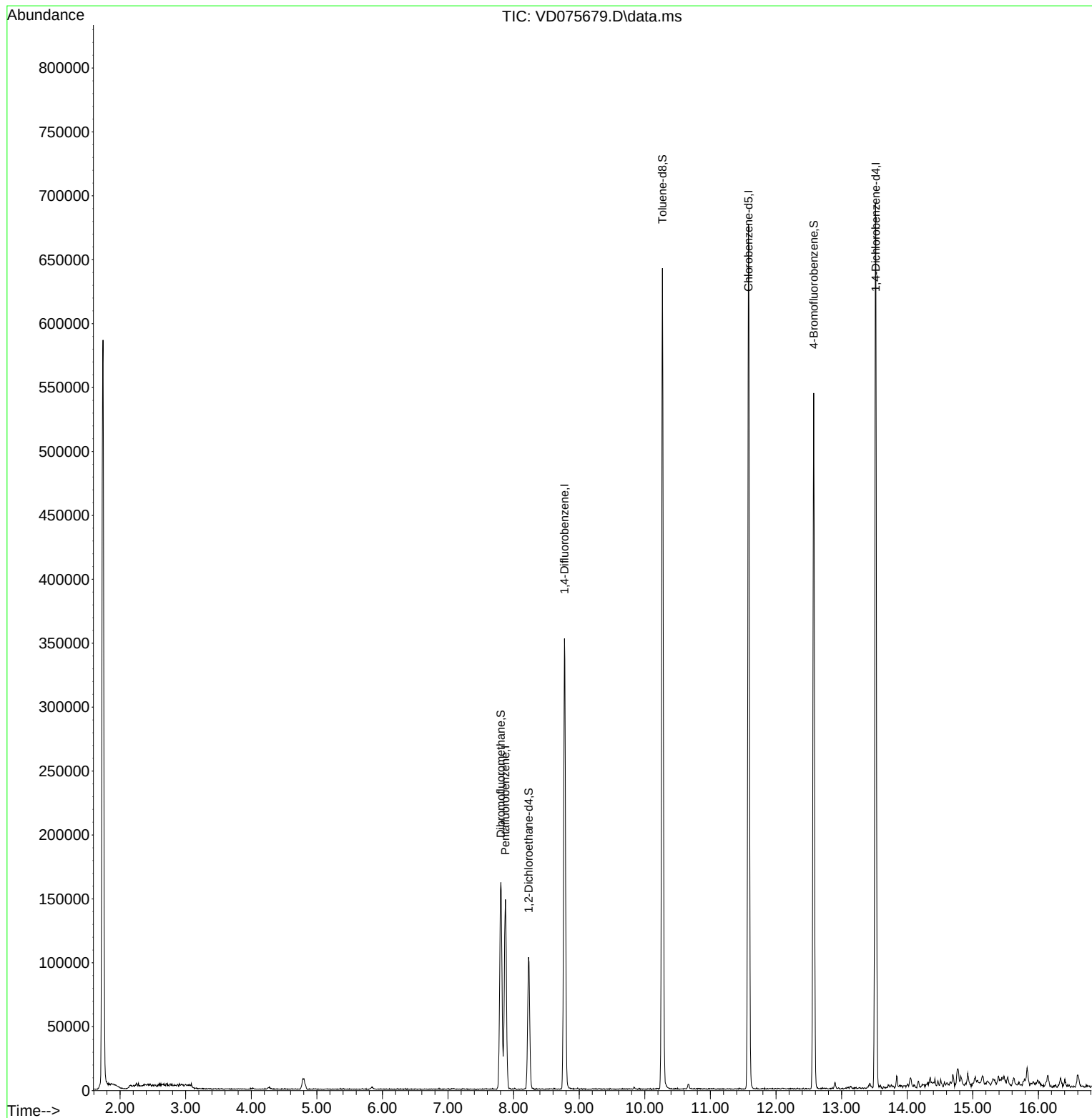
Target Compounds	Qvalue

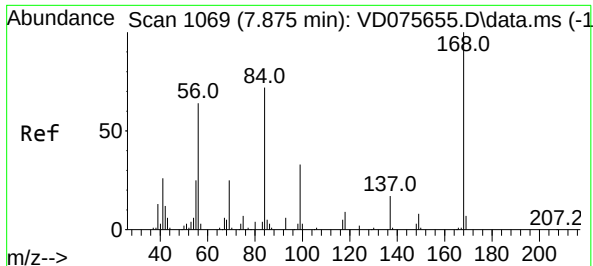
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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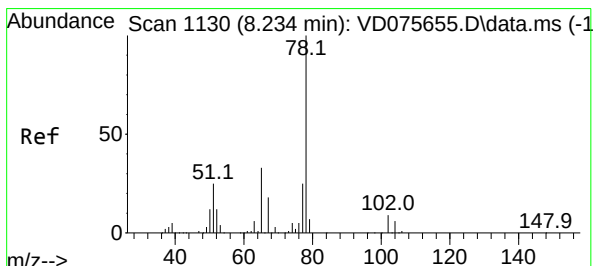
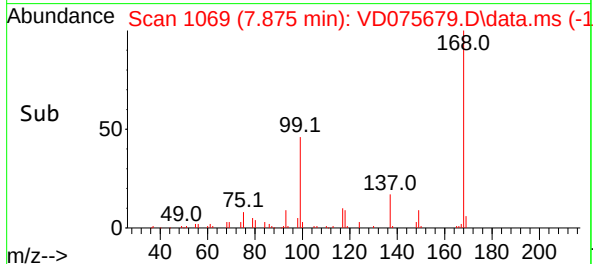
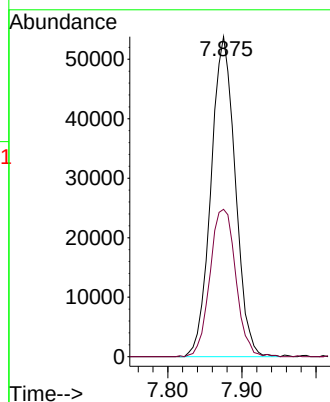
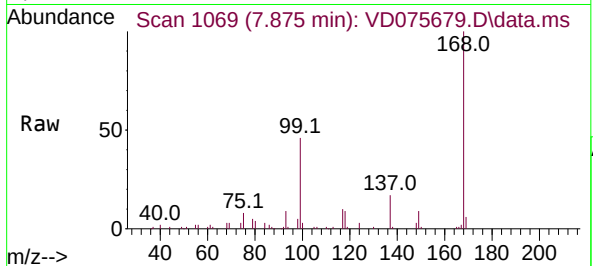




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

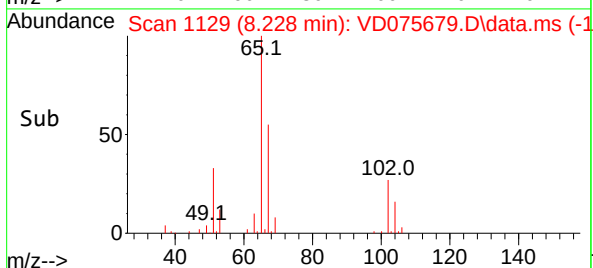
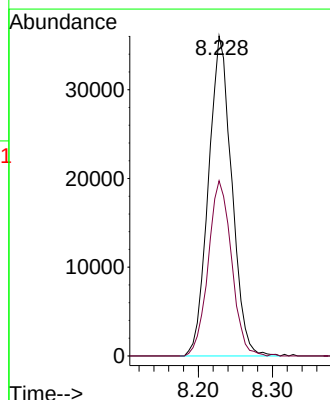
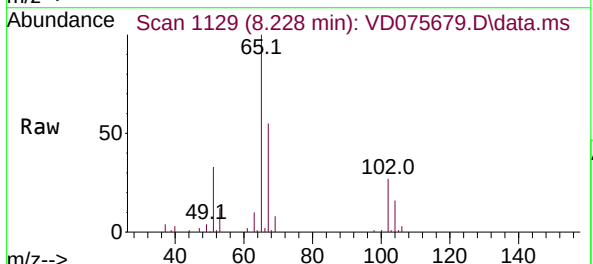
Instrument :
MSVOA_D
ClientSampleId :
PL-02-041223

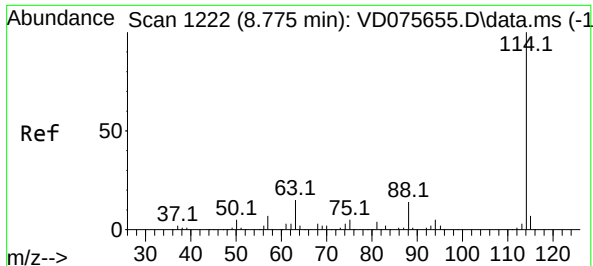
Tgt Ion:168 Resp: 122426
Ion Ratio Lower Upper
168 100
99 46.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 67.661 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 65 Resp: 78626
Ion Ratio Lower Upper
65 100
67 54.8 0.0 102.2

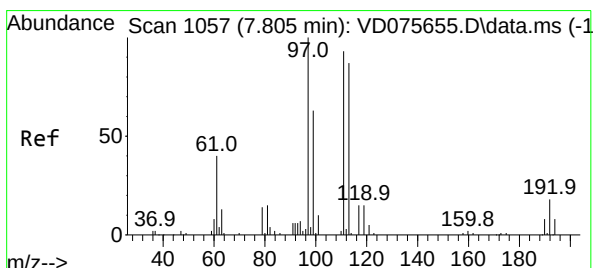
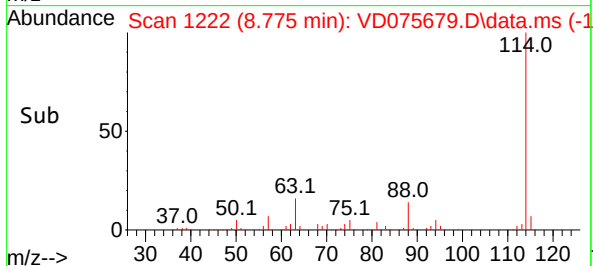
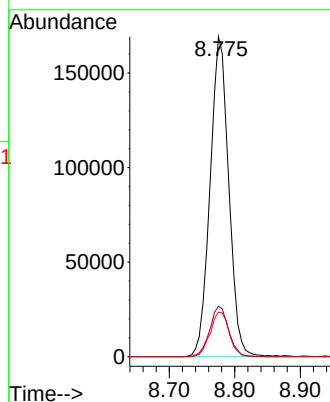
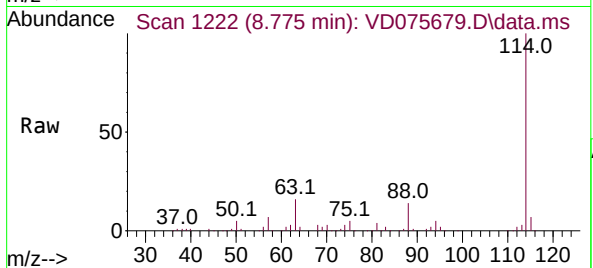




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

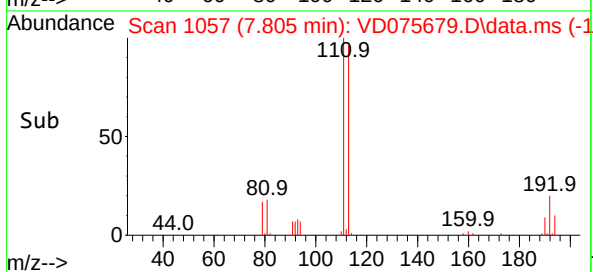
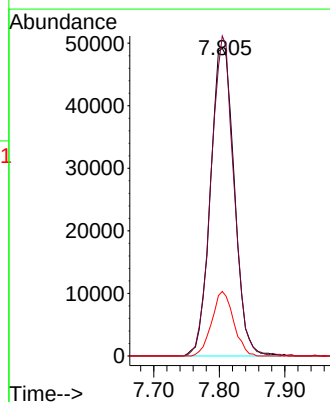
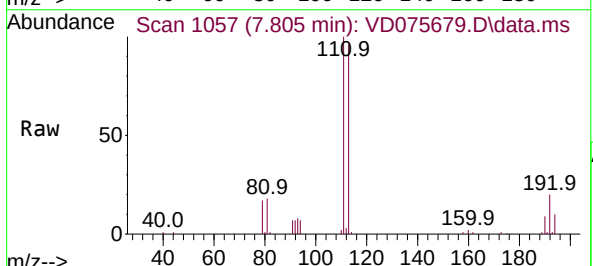
Instrument :
MSVOA_D
ClientSampleId :
PL-02-041223

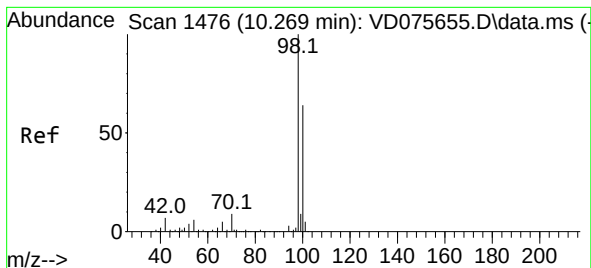
Tgt Ion:114 Resp: 334523
Ion Ratio Lower Upper
114 100
63 15.8 0.0 41.6
88 13.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.332 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

Tgt Ion:113 Resp: 124496
Ion Ratio Lower Upper
113 100
111 99.2 81.4 122.0
192 19.1 15.2 22.8





#50

Toluene-d8

Concen: 52.027 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075679.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

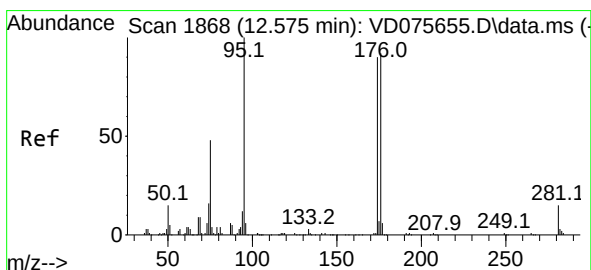
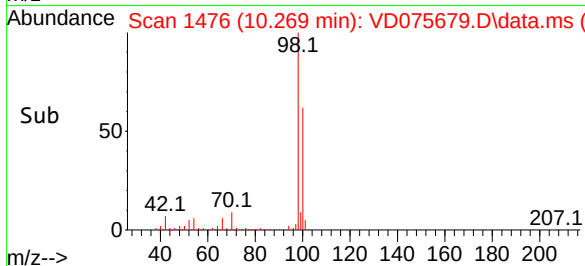
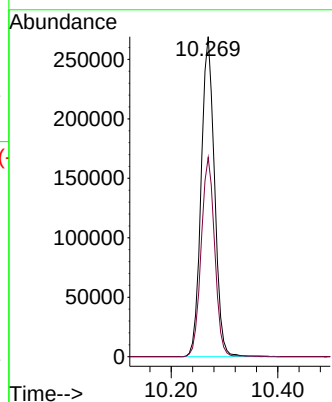
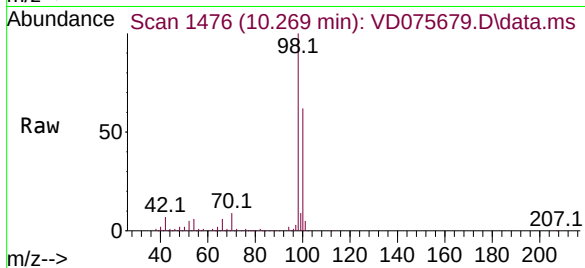
PL-02-041223

Tgt Ion: 98 Resp: 468776

Ion Ratio Lower Upper

98 100

100 63.0 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 69.848 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075679.D

Acq: 14 Apr 2023 14:57

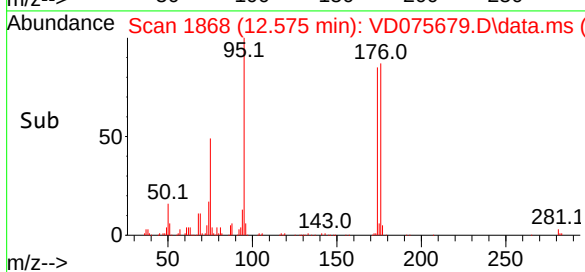
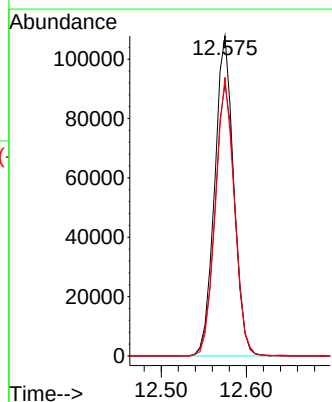
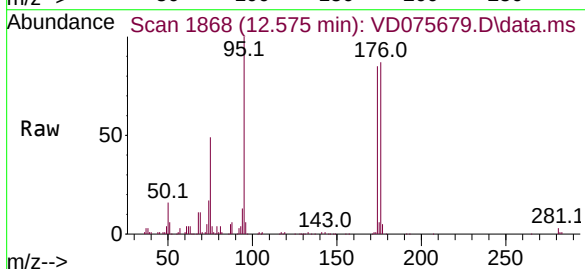
Tgt Ion: 95 Resp: 167280

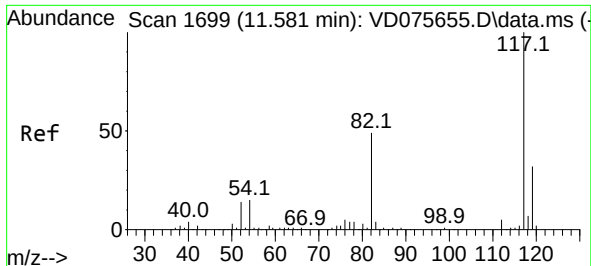
Ion Ratio Lower Upper

95 100

174 88.8 0.0 164.0

176 86.7 0.0 156.8

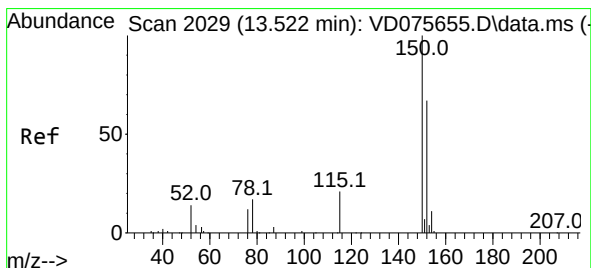
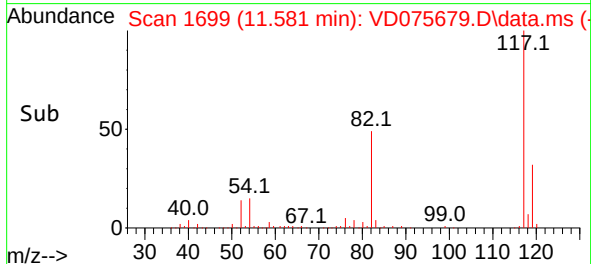
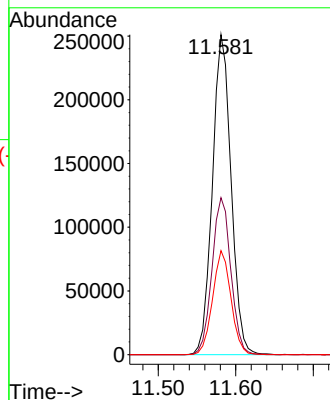
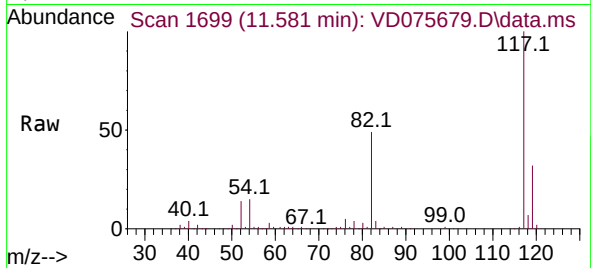




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075679.D
Acq: 14 Apr 2023 14:57

Instrument :
MSVOA_D
ClientSampleId :
PL-02-041223

Tgt Ion:117 Resp: 421685
Ion Ratio Lower Upper
117 100
82 49.0 44.0 66.0
119 32.5 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: VD075679.D
Acq: 14 Apr 2023 14:57

Tgt Ion:152 Resp: 198907
Ion Ratio Lower Upper
152 100
115 55.1 30.1 90.3
150 157.4 0.0 364.8

