

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075604.D
 Acq On : 07 Apr 2023 16:45
 Operator : KP/SY
 Sample : 02206-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929

Quant Time: Apr 10 02:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	127834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	213504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84656	72.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.960%
35) Dibromofluoromethane	7.805	113	103911	62.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.800%
50) Toluene-d8	10.269	98	354305	53.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.720%
62) 4-Bromofluorobenzene	12.575	95	85298	44.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.700%

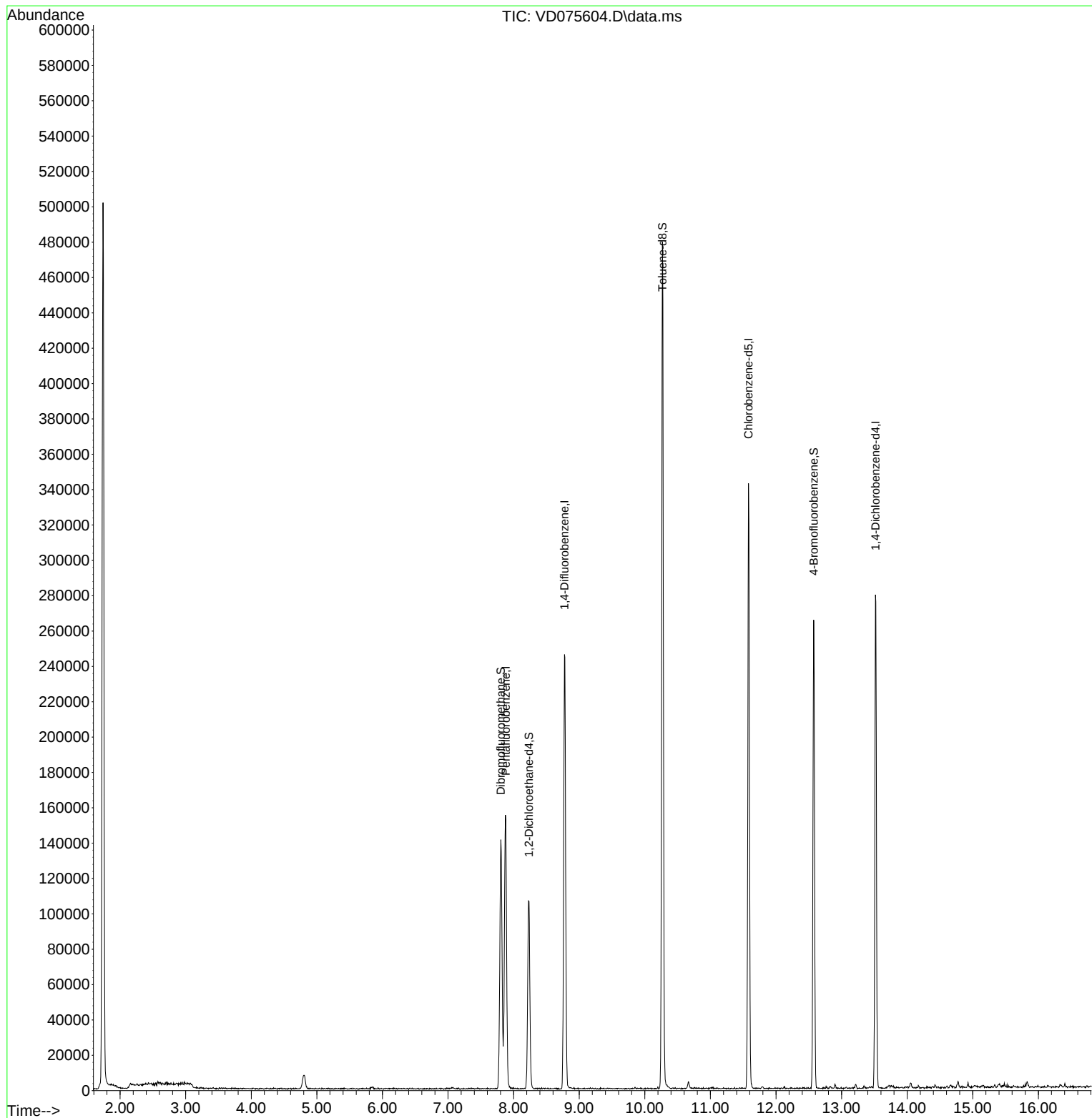
Target Compounds	Qvalue

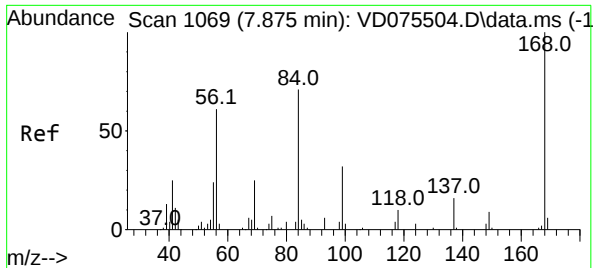
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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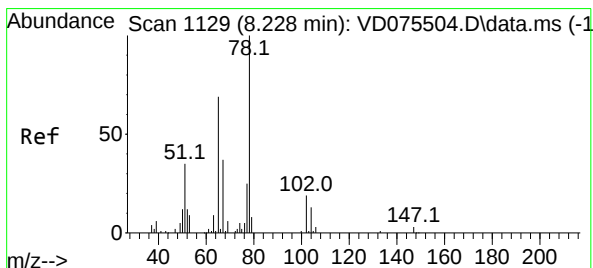
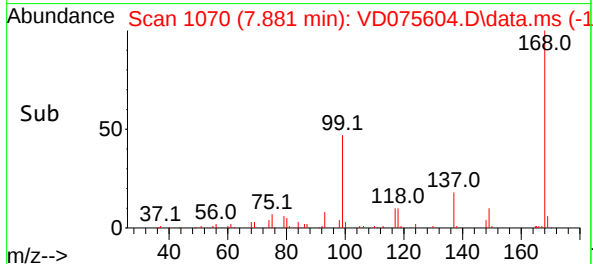
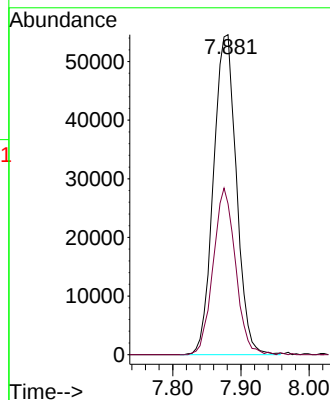
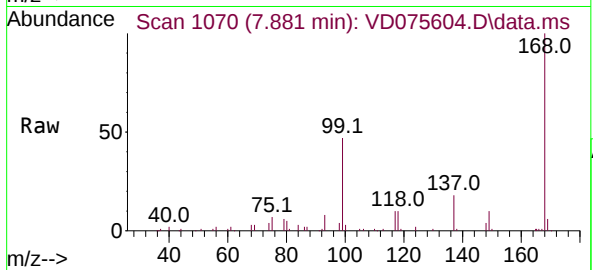




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075604.D
Acq: 07 Apr 2023 16:45

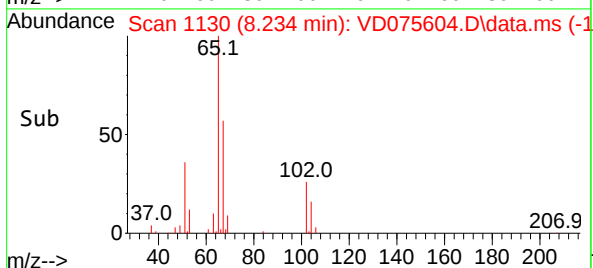
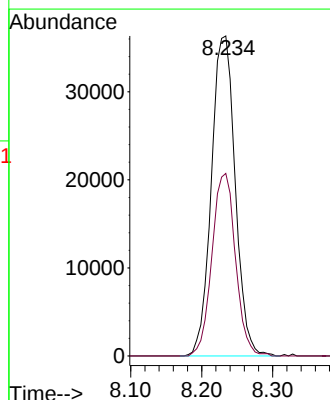
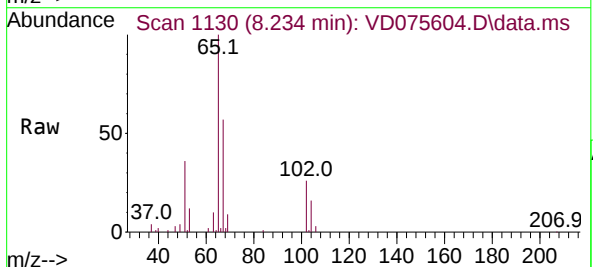
Instrument :
MSVOA_D
ClientSampleId :
72-11929

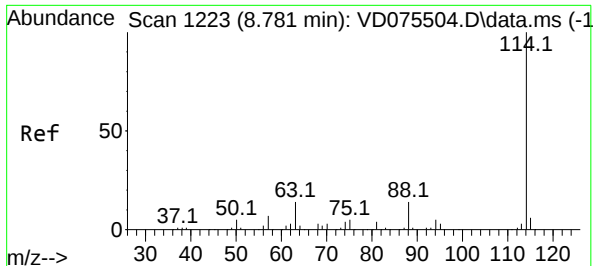
Tgt Ion:168 Resp: 127834
Ion Ratio Lower Upper
168 100
99 47.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 72.983 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075604.D
Acq: 07 Apr 2023 16:45

Tgt Ion: 65 Resp: 84656
Ion Ratio Lower Upper
65 100
67 56.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD075604.D

Acq: 07 Apr 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :

72-11929

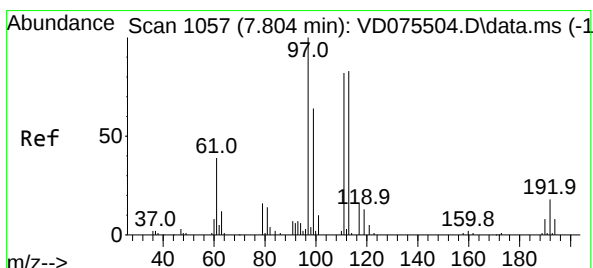
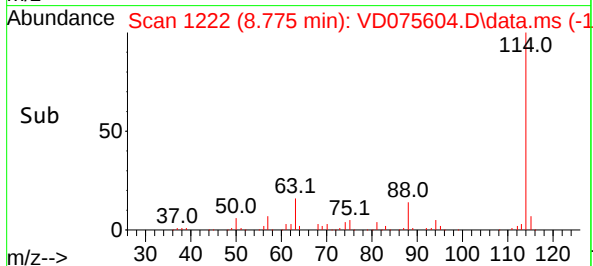
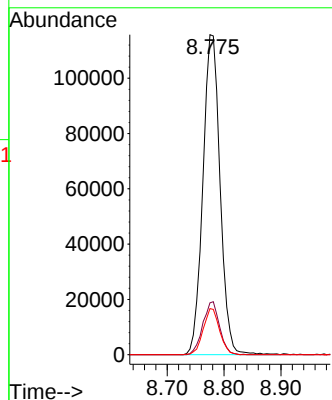
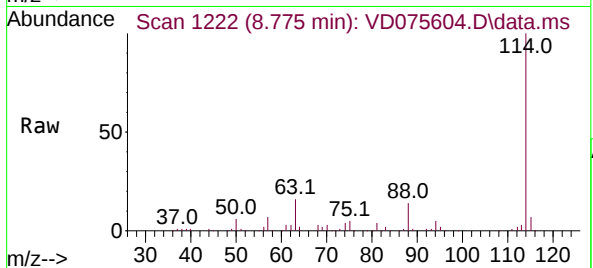
Tgt Ion:114 Resp: 243138

Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 62.400 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075604.D

Acq: 07 Apr 2023 16:45

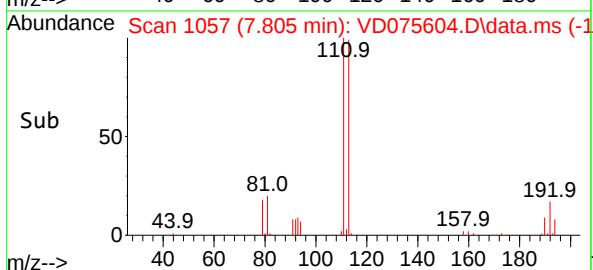
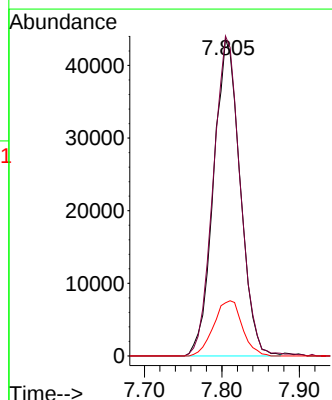
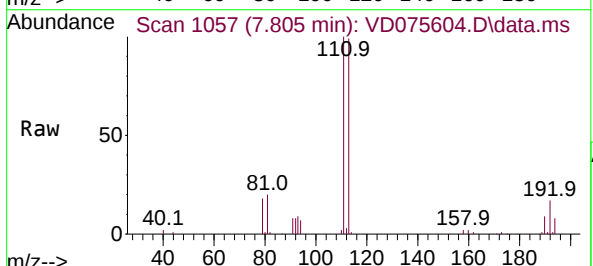
Tgt Ion:113 Resp: 103911

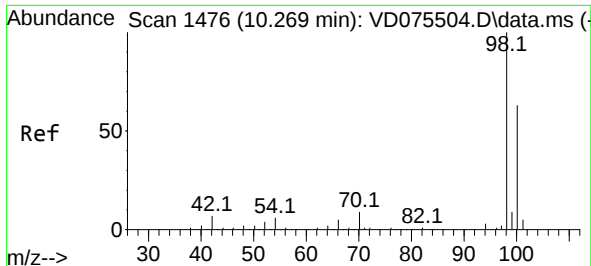
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.7 15.2 22.8

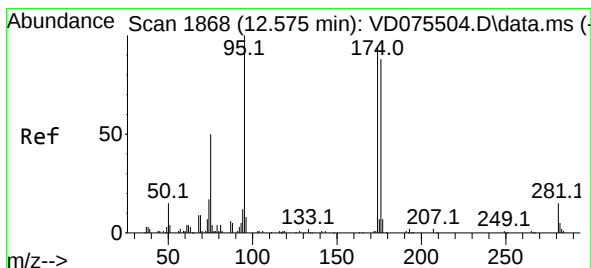
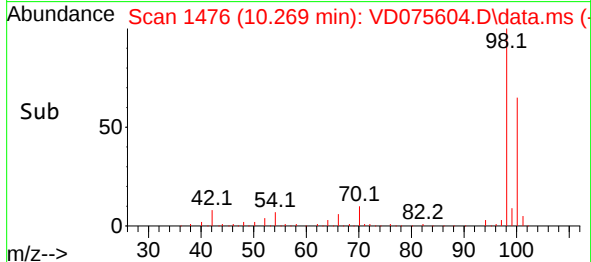
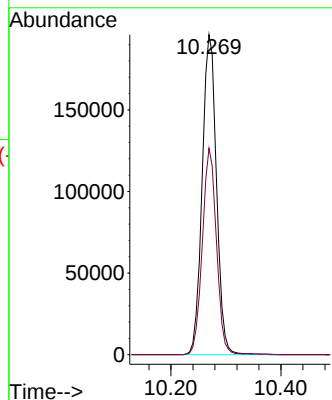
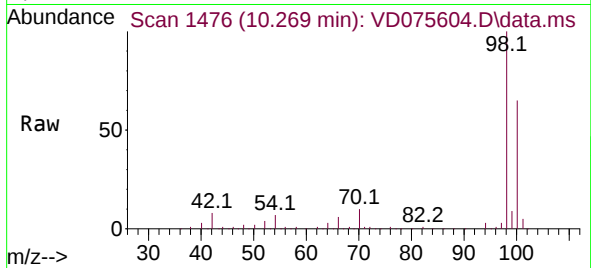




#50
Toluene-d8
Concen: 53.858 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075604.D
Acq: 07 Apr 2023 16:45

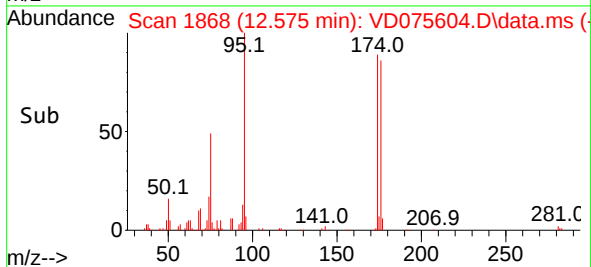
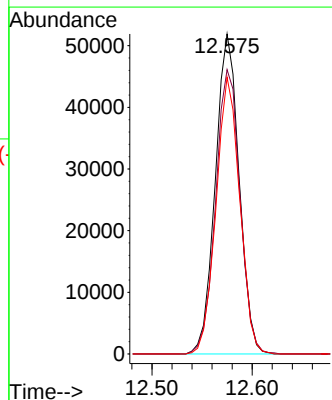
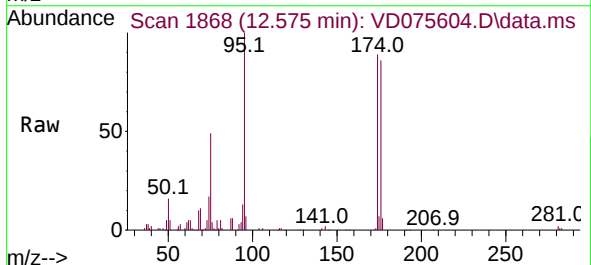
Instrument :
MSVOA_D
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72-11929

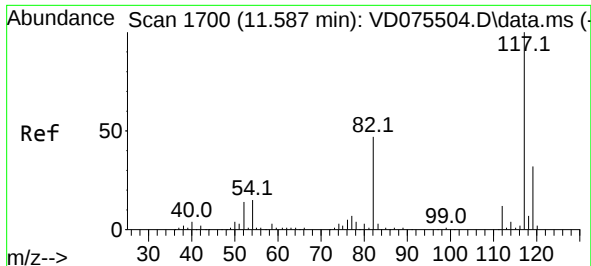
Tgt Ion: 98 Resp: 354305
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.853 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075604.D
Acq: 07 Apr 2023 16:45

Tgt Ion: 95 Resp: 85298
Ion Ratio Lower Upper
95 100
174 91.0 0.0 164.0
176 86.4 0.0 156.8

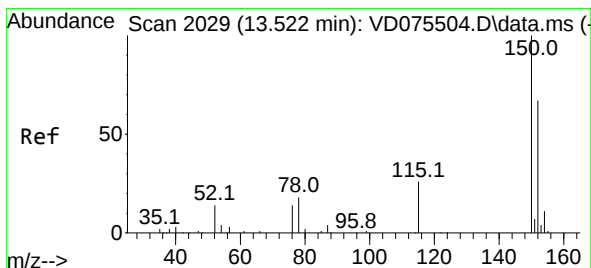
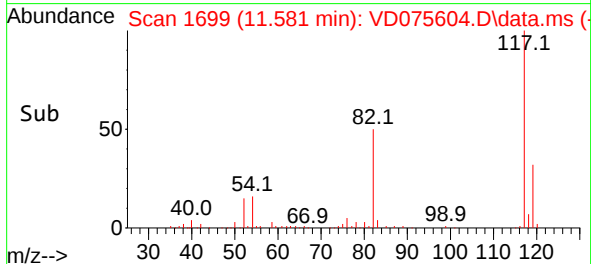
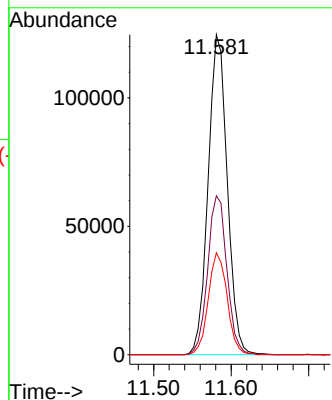
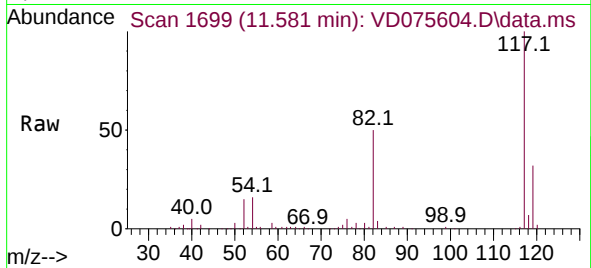




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075604.D
Acq: 07 Apr 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :
72-11929

Tgt Ion:117 Resp: 213504
Ion Ratio Lower Upper
117 100
82 49.7 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075604.D
Acq: 07 Apr 2023 16:45

Tgt Ion:152 Resp: 82080
Ion Ratio Lower Upper
152 100
115 56.3 30.1 90.3
150 153.7 0.0 364.8

