

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075606.D
 Acq On : 07 Apr 2023 17:42
 Operator : KP/SY
 Sample : 02206-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11929RE

Quant Time: Apr 10 02:08:24 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	7.875	168	135641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	247384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	85837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79307	64.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.880%
35) Dibromofluoromethane	7.810	113	99836	58.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.840%
50) Toluene-d8	10.269	98	339956	50.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.575	95	81396	42.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.140%

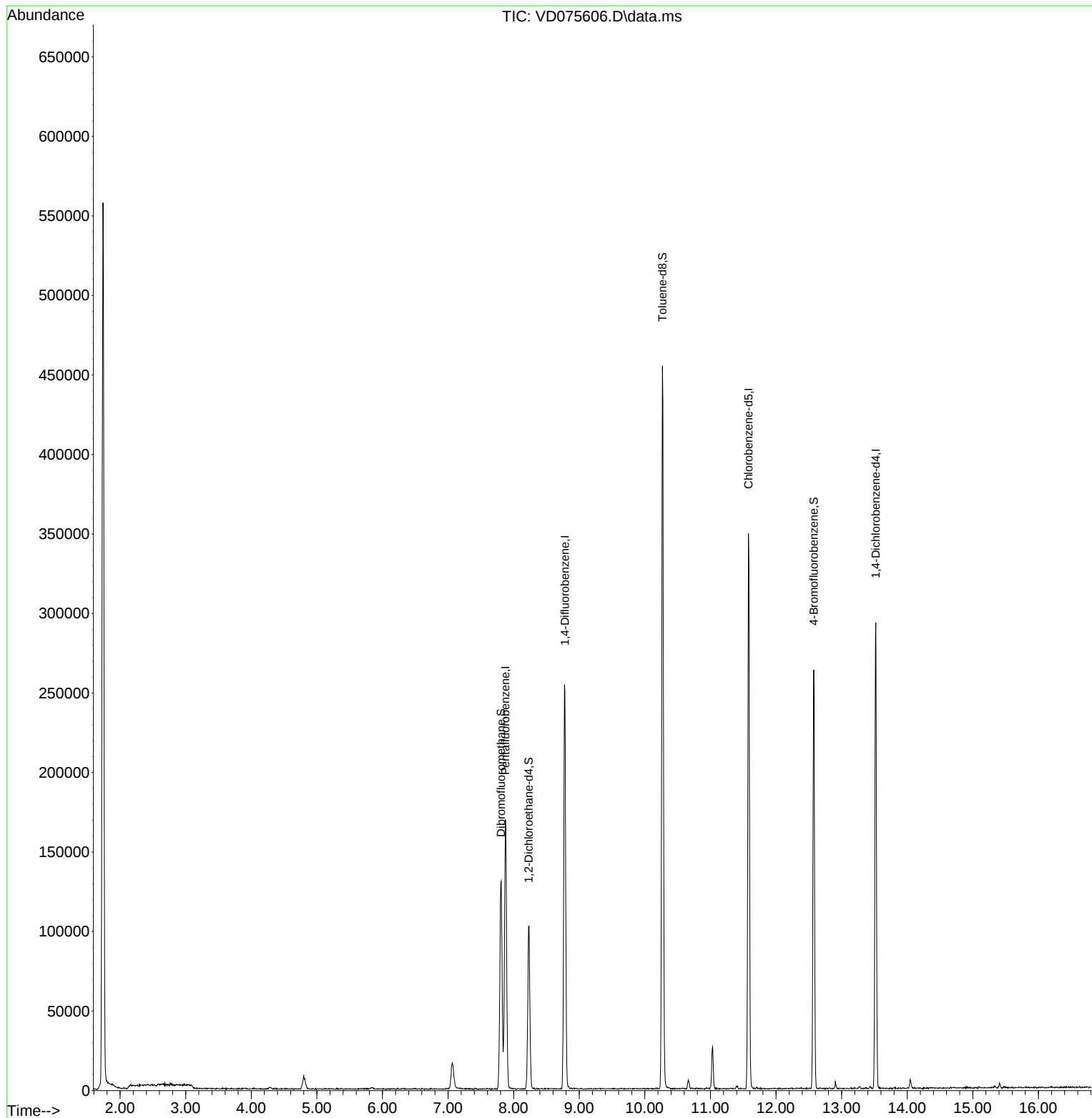
Target Compounds	Qvalue

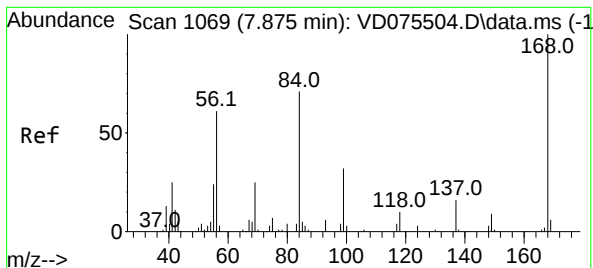
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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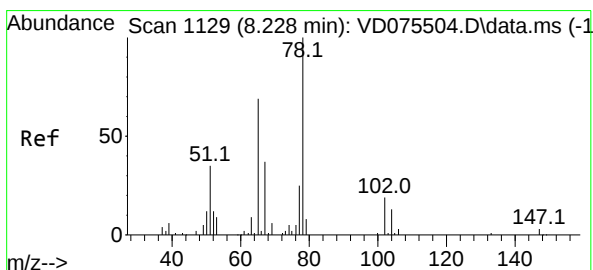
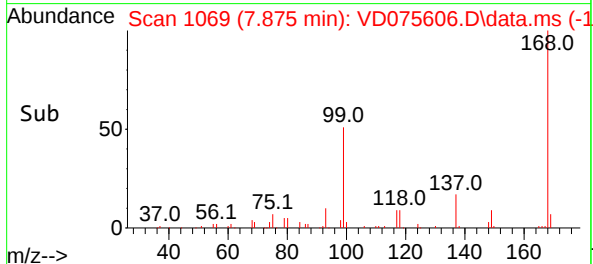
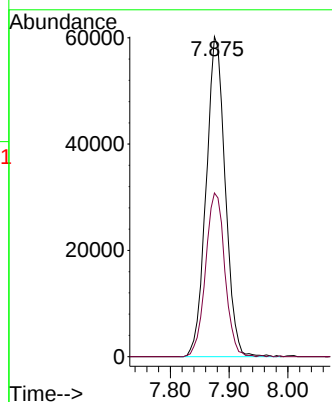
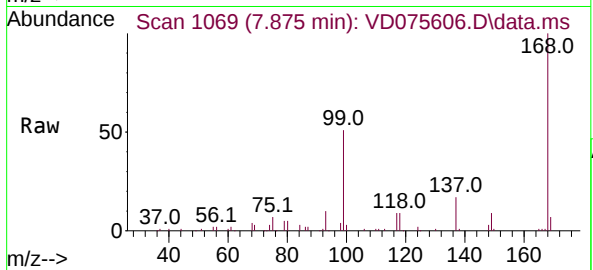




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075606.D
Acq: 07 Apr 2023 17:42

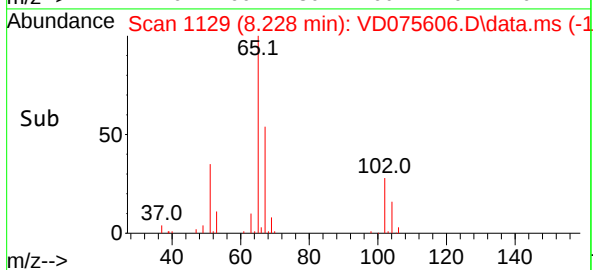
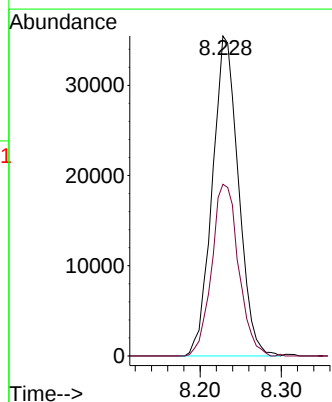
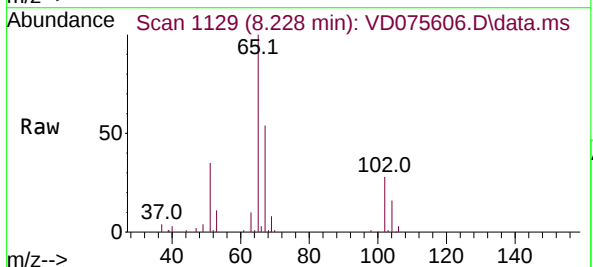
Instrument :
MSVOA_D
ClientSampleId :
72-11929RE

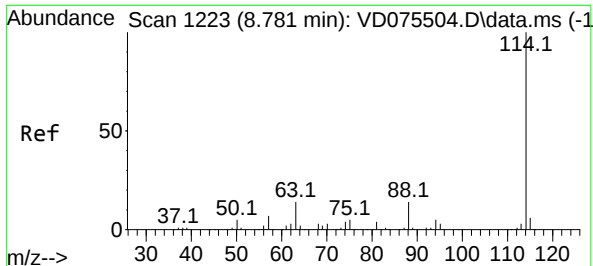
Tgt Ion:168 Resp: 135641
Ion Ratio Lower Upper
168 100
99 51.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 64.436 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075606.D
Acq: 07 Apr 2023 17:42

Tgt Ion: 65 Resp: 79307
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075606.D

Acq: 07 Apr 2023 17:42

Instrument :

MSVOA_D

ClientSampleId :

72-11929RE

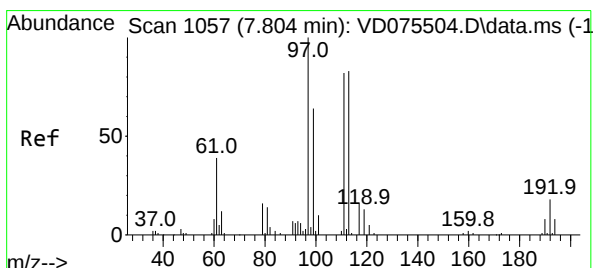
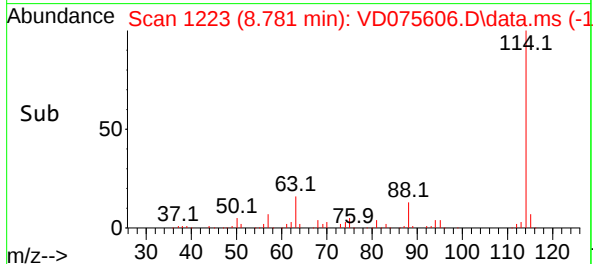
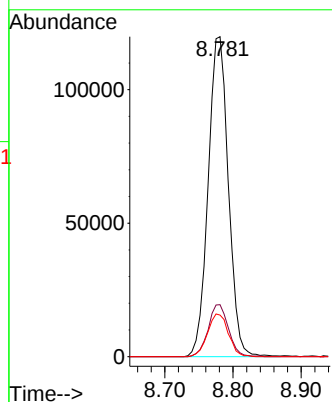
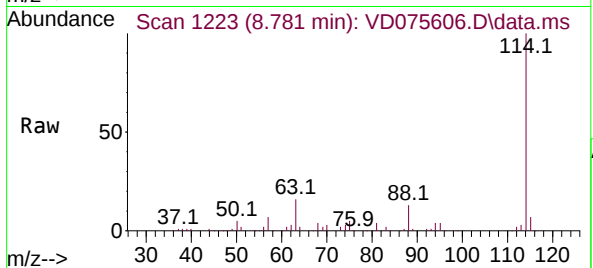
Tgt Ion:114 Resp: 247384

Ion Ratio Lower Upper

114 100

63 16.2 0.0 41.6

88 13.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.924 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075606.D

Acq: 07 Apr 2023 17:42

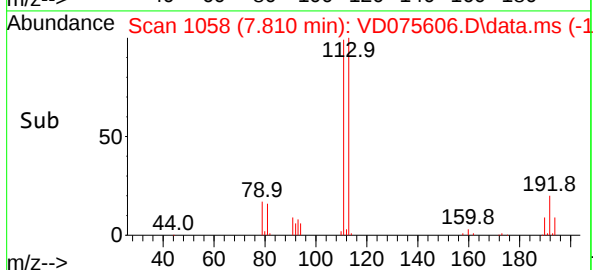
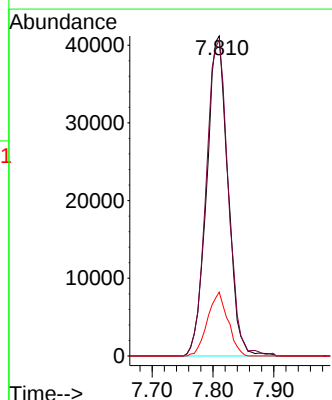
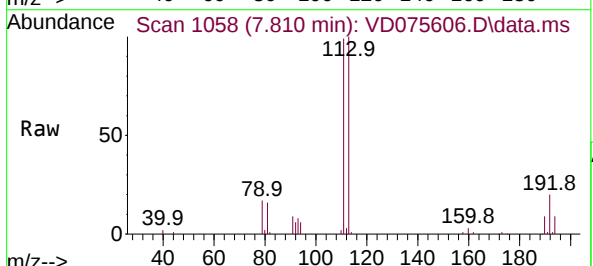
Tgt Ion:113 Resp: 99836

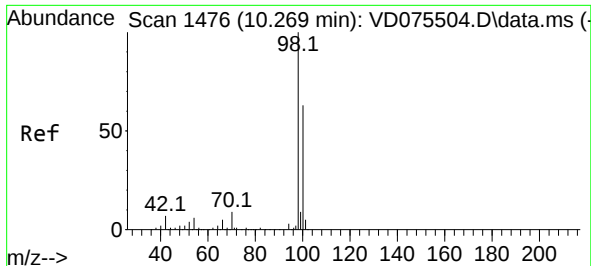
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.1 15.2 22.8

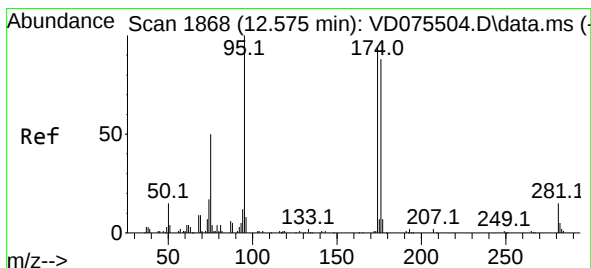
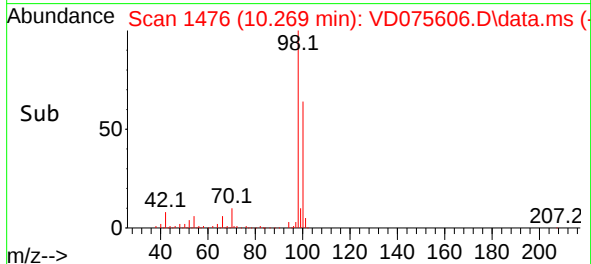
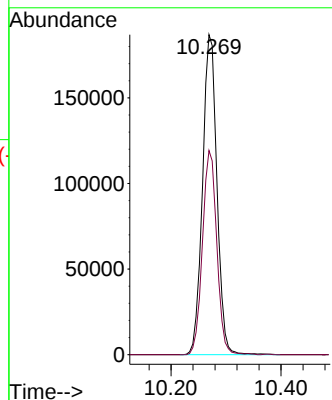
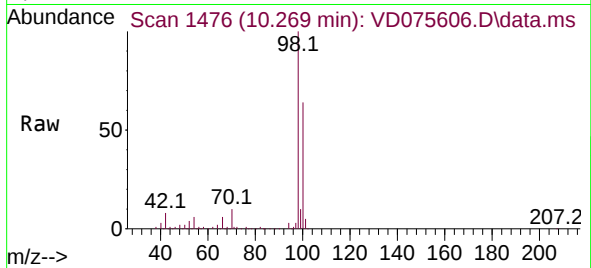




#50
Toluene-d8
Concen: 50.790 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075606.D
Acq: 07 Apr 2023 17:42

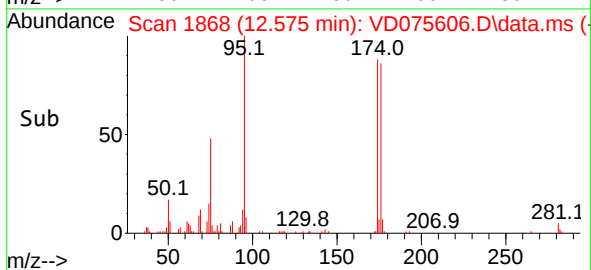
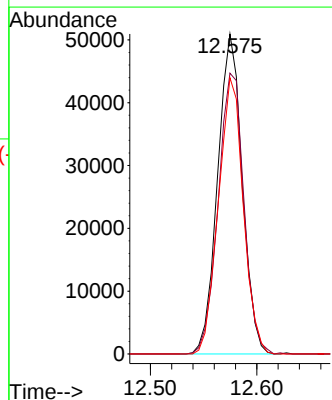
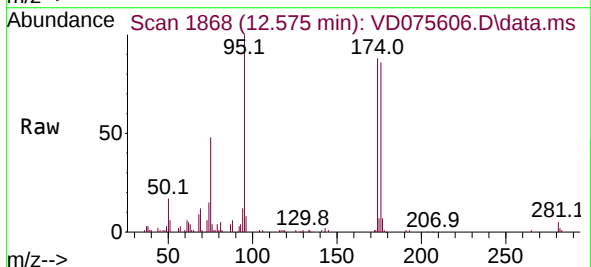
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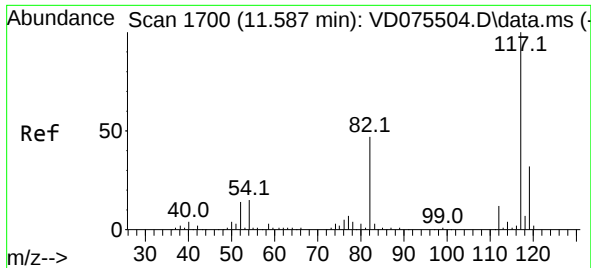
Tgt Ion: 98 Resp: 339956
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.067 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075606.D
Acq: 07 Apr 2023 17:42

Tgt Ion: 95 Resp: 81396
Ion Ratio Lower Upper
95 100
174 91.8 0.0 164.0
176 87.4 0.0 156.8

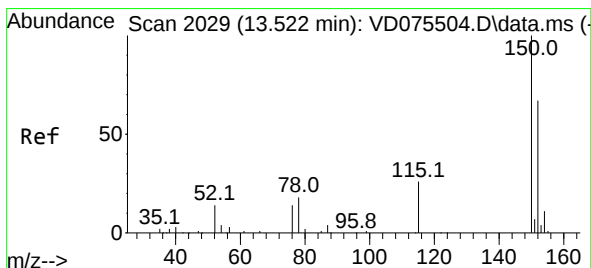
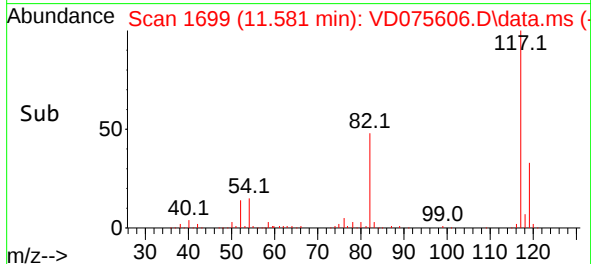
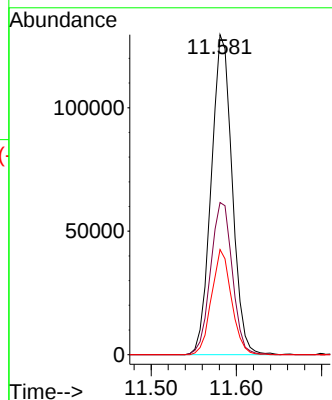
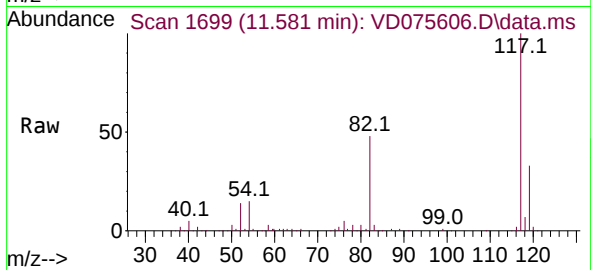




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD075606.D
Acq: 07 Apr 2023 17:42

Instrument :
MSVOA_D
ClientSampleId :
72-11929RE

Tgt Ion:117 Resp: 220991
Ion Ratio Lower Upper
117 100
82 47.6 44.0 66.0
119 32.8 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: VD075606.D
Acq: 07 Apr 2023 17:42

Tgt Ion:152 Resp: 85837
Ion Ratio Lower Upper
152 100
115 55.3 30.1 90.3
150 153.6 0.0 364.8

