

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076175.D
 Acq On : 22 May 2023 14:52
 Operator : KP/SY
 Sample : 02847-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-051823RE

Quant Time: May 23 01:25:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	31380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	67356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	71973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	30400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29840	98.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	196.780%#
35) Dibromofluoromethane	7.804	113	29657	63.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.400%
50) Toluene-d8	10.269	98	60992	33.606	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.220%
62) 4-Bromofluorobenzene	12.575	95	24389	48.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.760%

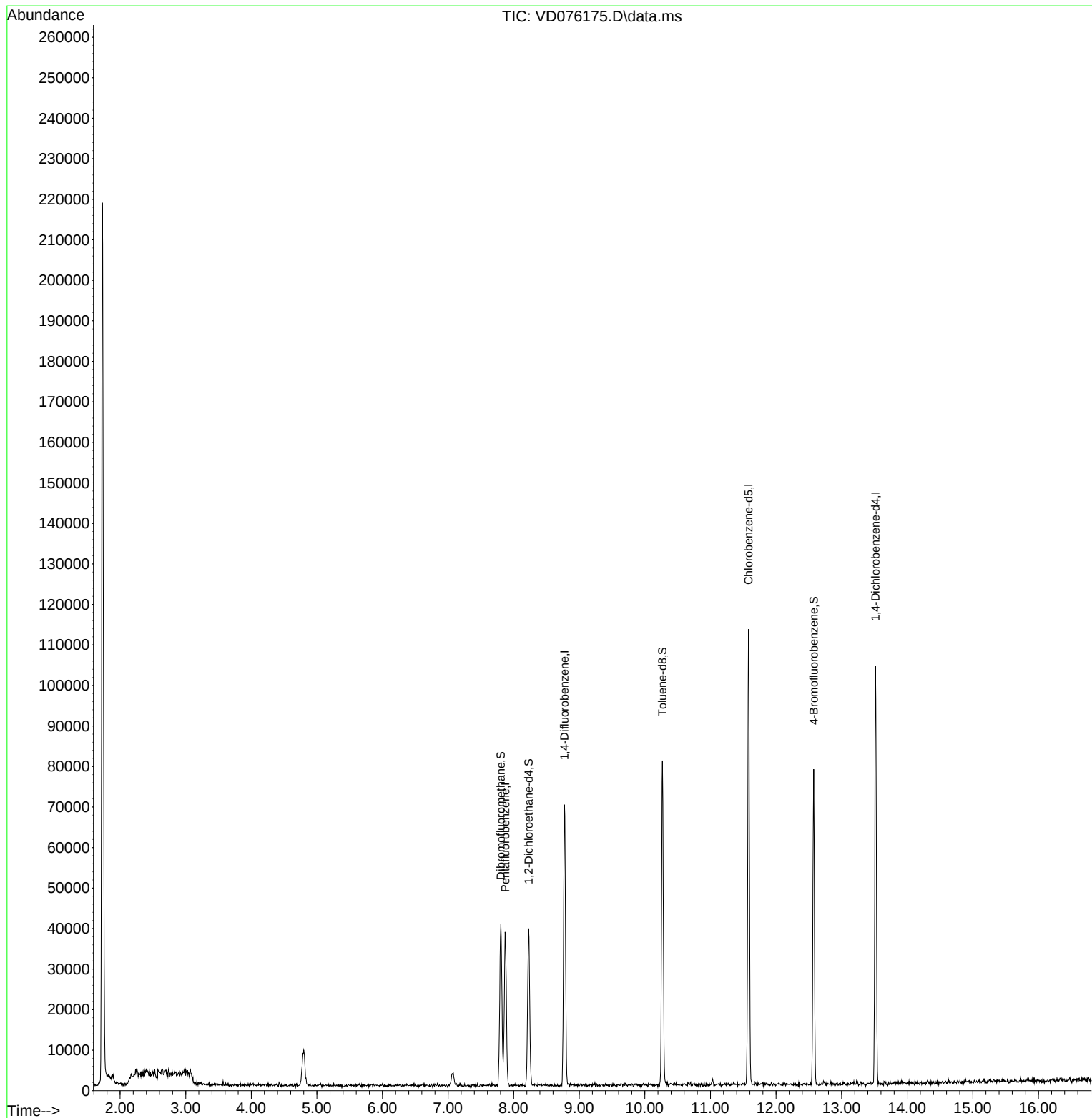
Target Compounds	Qvalue

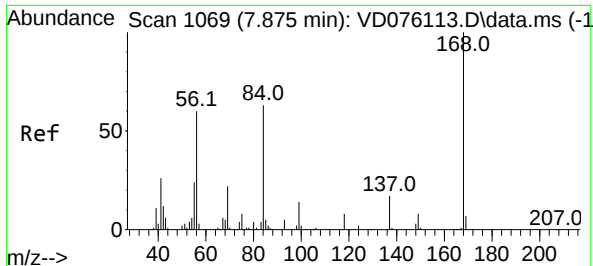
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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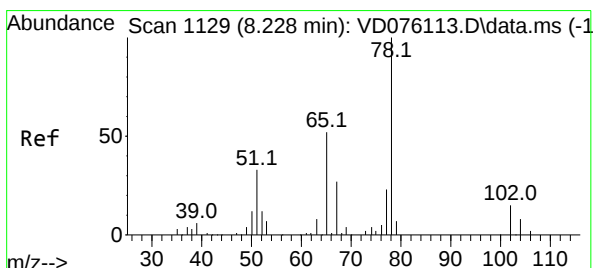
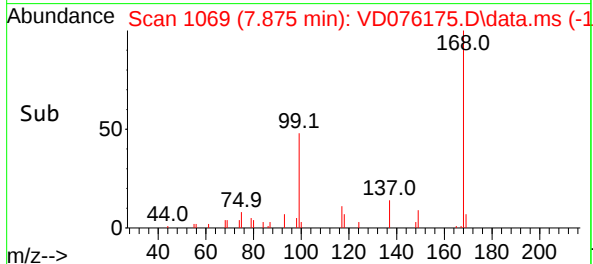
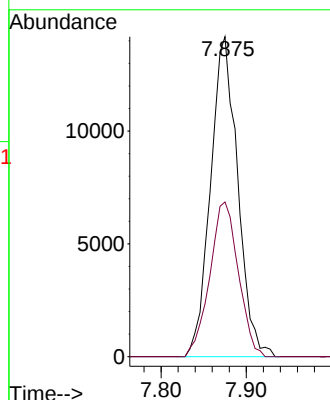
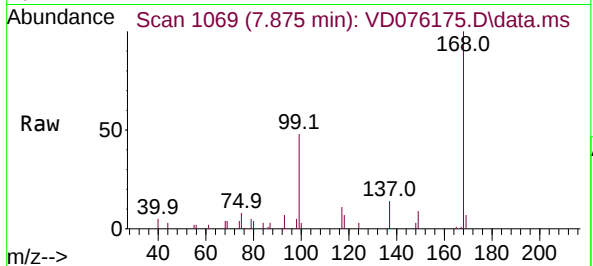




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076175.D
Acq: 22 May 2023 14:52

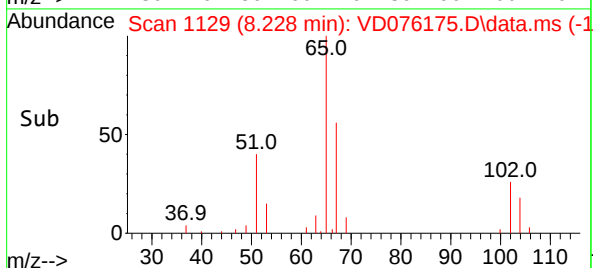
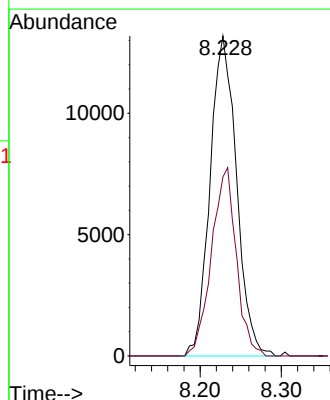
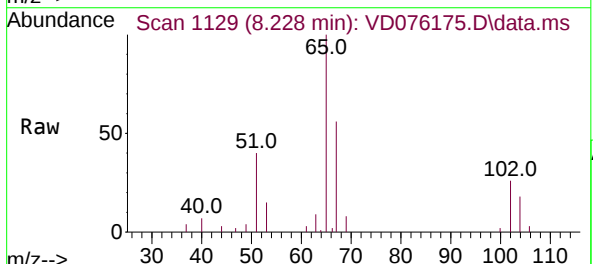
Instrument :
MSVOA_D
ClientSampleId :
TR-04-051823RE

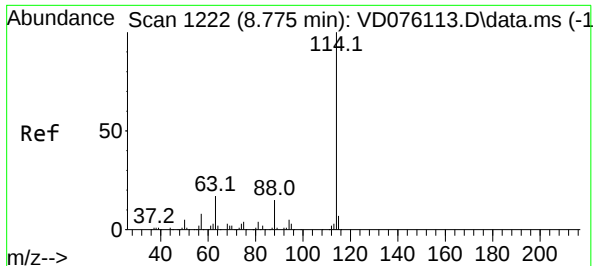
Tgt Ion:168 Resp: 31380
Ion Ratio Lower Upper
168 100
99 48.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 98.391 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076175.D
Acq: 22 May 2023 14:52

Tgt Ion: 65 Resp: 29840
Ion Ratio Lower Upper
65 100
67 55.2 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: VD076175.D

Acq: 22 May 2023 14:52

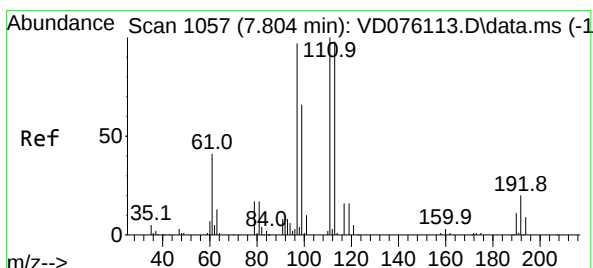
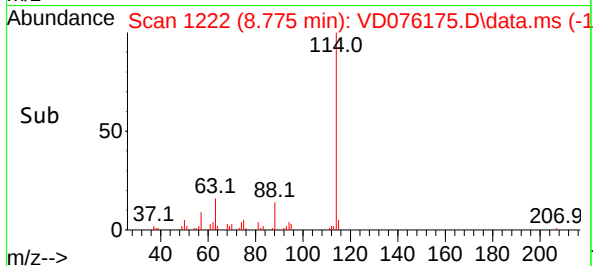
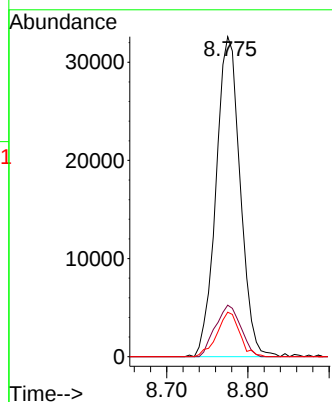
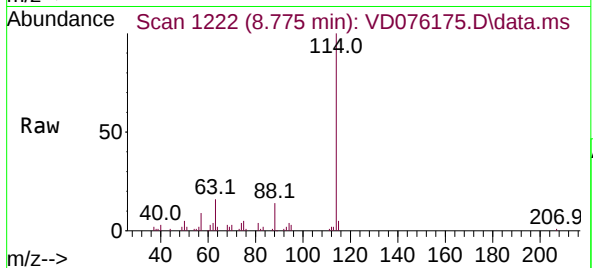
Instrument :

MSVOA_D

ClientSampleId :

TR-04-051823RE

Tgt Ion:114	Resp:	67356
Ion	Ratio	Lower Upper
114	100	
63	16.1	0.0 41.6
88	13.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 63.699 ug/l

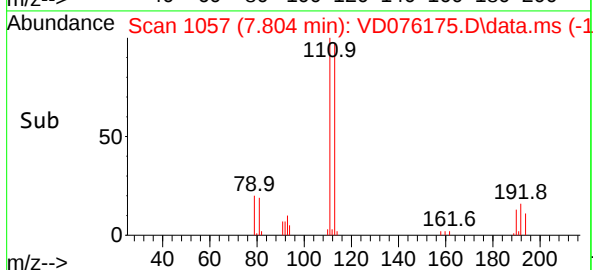
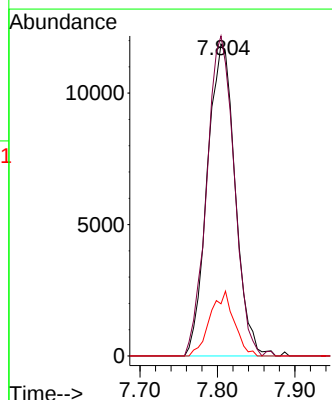
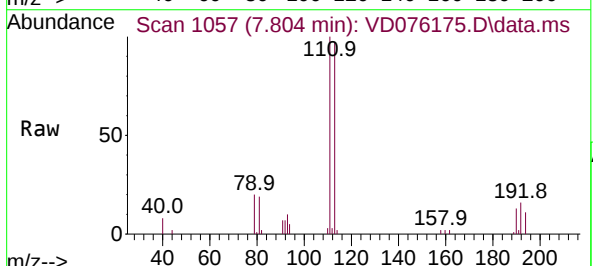
RT: 7.804 min Scan# 1057

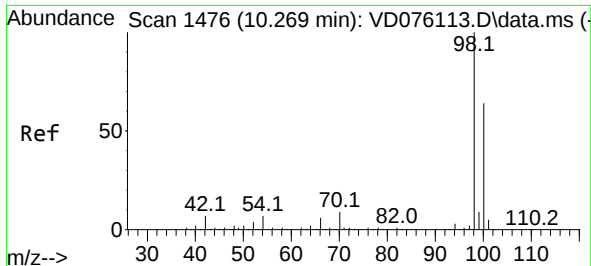
Delta R.T. -0.001 min

Lab File: VD076175.D

Acq: 22 May 2023 14:52

Tgt Ion:113	Resp:	29657
Ion	Ratio	Lower Upper
113	100	
111	100.9	81.4 122.0
192	18.0	15.2 22.8

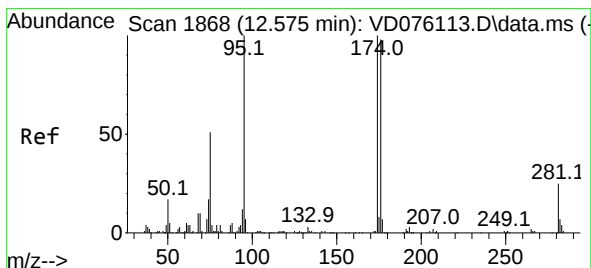
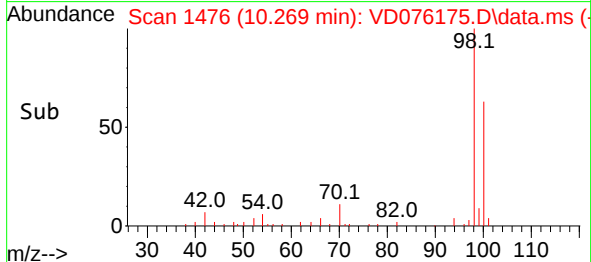
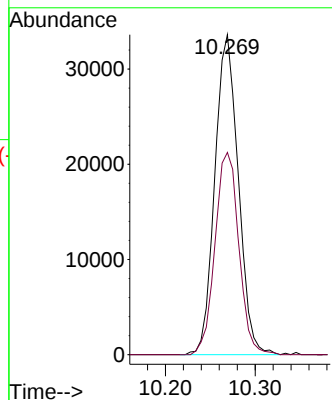
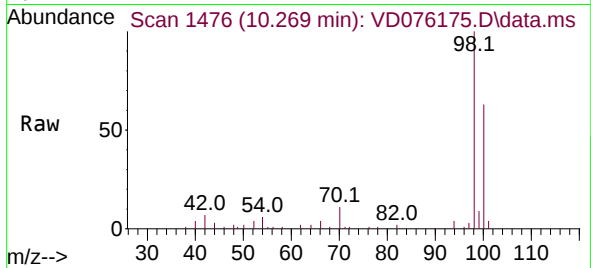




#50
Toluene-d8
Concen: 33.606 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076175.D
Acq: 22 May 2023 14:52

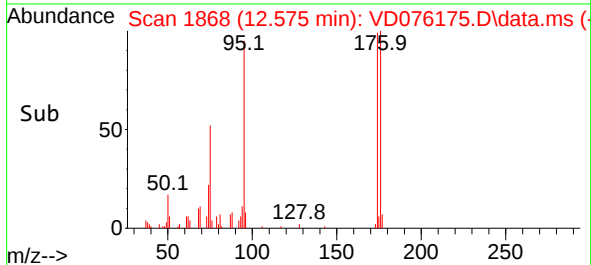
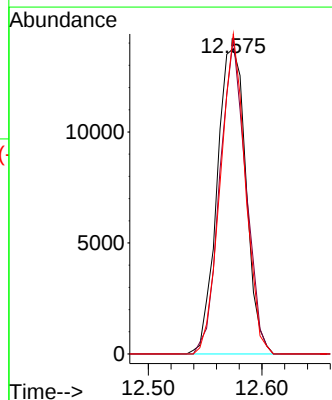
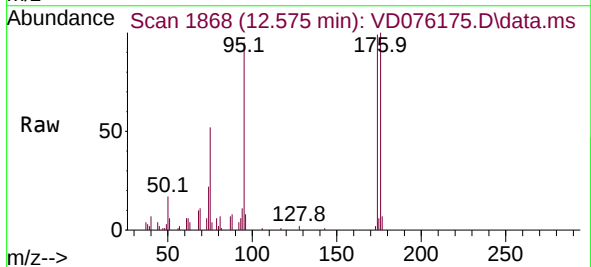
Instrument :
MSVOA_D
ClientSampleId :
TR-04-051823RE

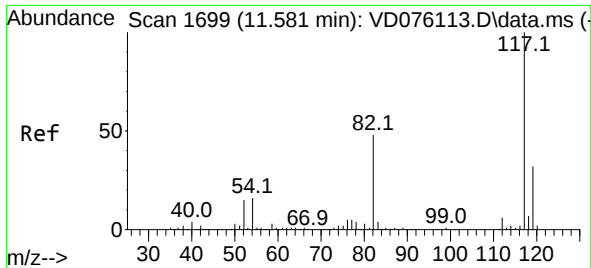
Tgt Ion: 98 Resp: 60992
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076175.D
Acq: 22 May 2023 14:52

Tgt Ion: 95 Resp: 24389
Ion Ratio Lower Upper
95 100
174 91.8 0.0 164.0
176 90.2 0.0 156.8

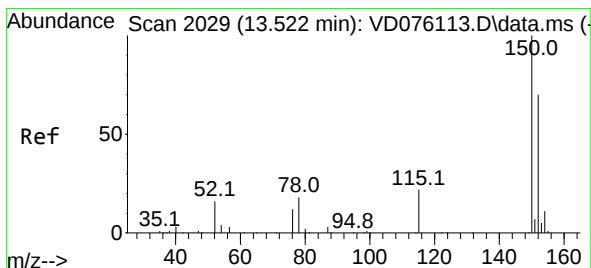
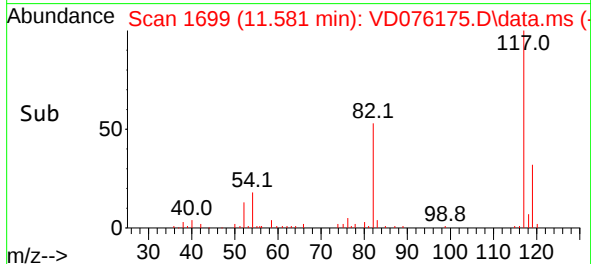
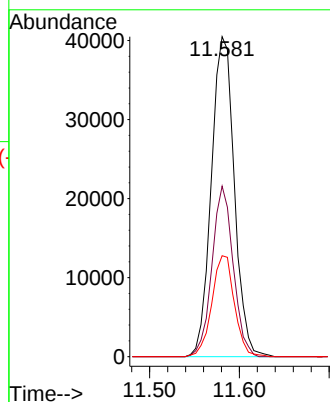
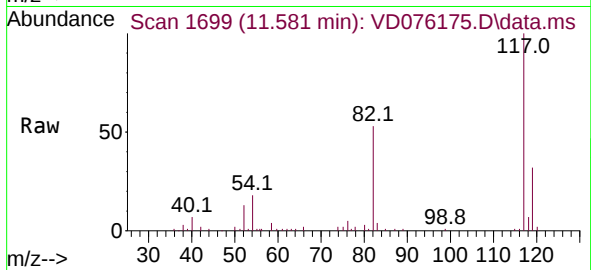




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076175.D
Acq: 22 May 2023 14:52

Instrument :
MSVOA_D
ClientSampleId :
TR-04-051823RE

Tgt Ion:117 Resp: 71973
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.5 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: VD076175.D
Acq: 22 May 2023 14:52

Tgt Ion:152 Resp: 30400
Ion Ratio Lower Upper
152 100
115 52.3 30.1 90.3
150 156.6 0.0 364.8

