

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076218.D
 Acq On : 24 May 2023 17:09
 Operator : KP/SY
 Sample : 02892-10
 Misc : 6.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32

Quant Time: May 25 06:02:37 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	7.869	168	4258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	9356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2883	70.057	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.120%	
35) Dibromofluoromethane	7.798	113	3380	52.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.540%	
50) Toluene-d8	10.269	98	6537	25.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 51.860%#	
62) 4-Bromofluorobenzene	12.575	95	2715	38.769	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.540%	

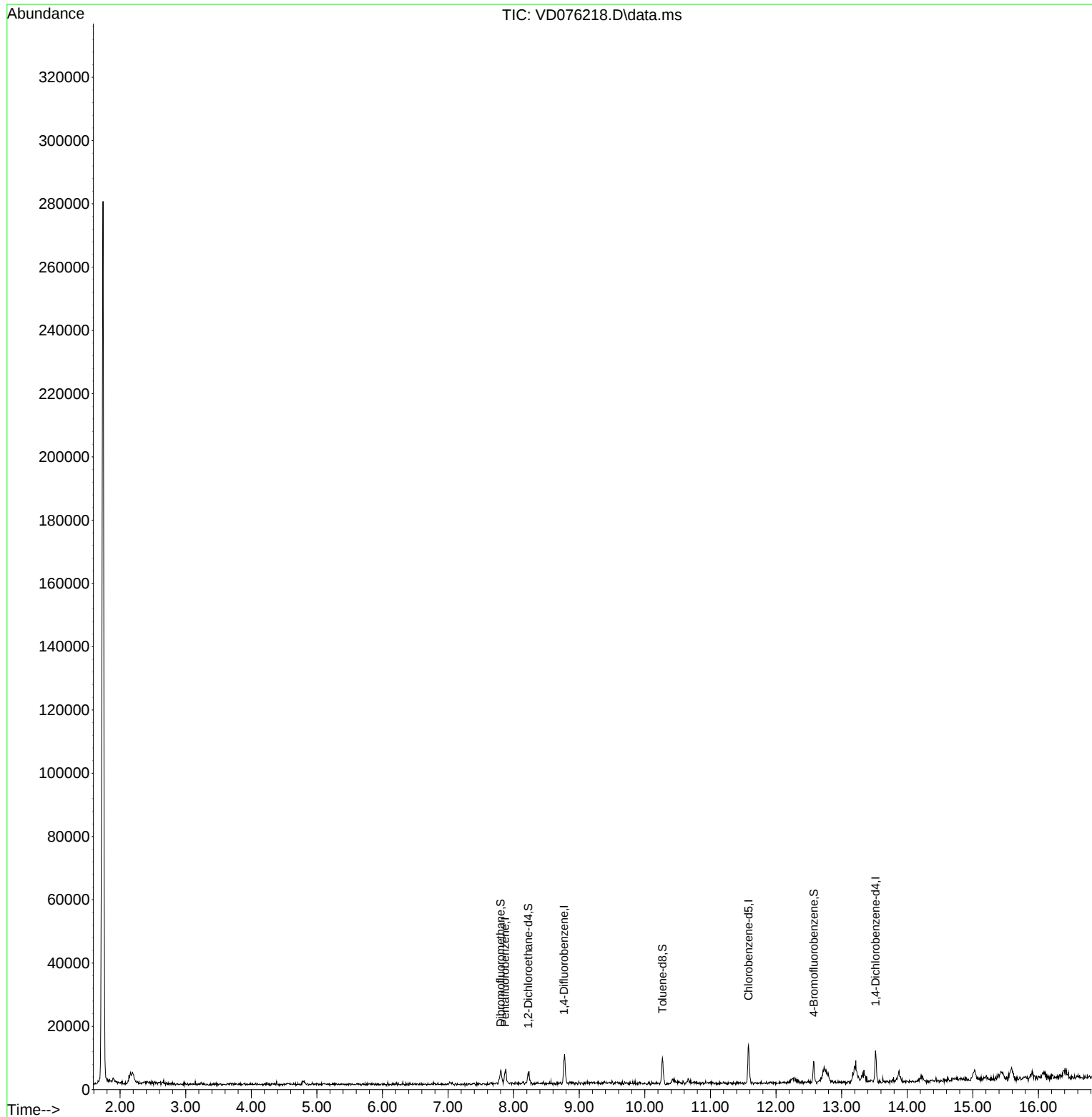
Target Compounds	Qvalue

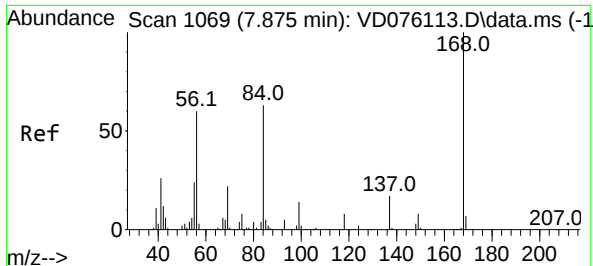
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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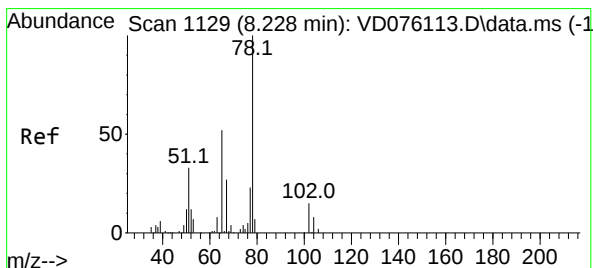
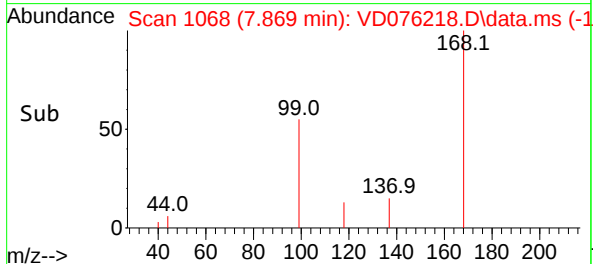
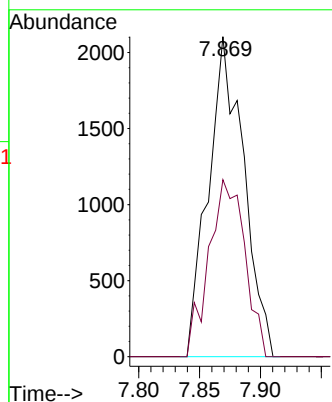
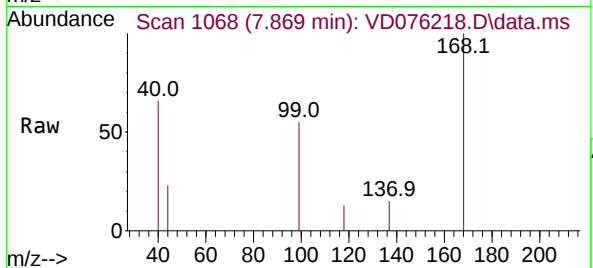




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076218.D
Acq: 24 May 2023 17:09

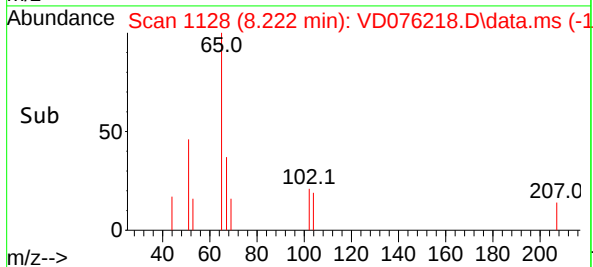
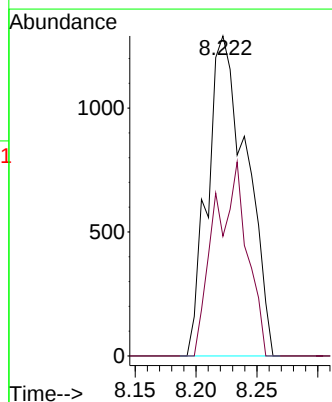
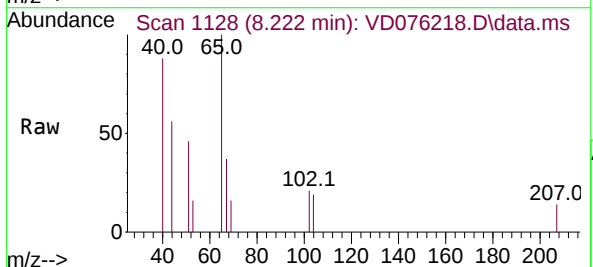
Instrument :
MSVOA_D
ClientSampleId :
TP-32

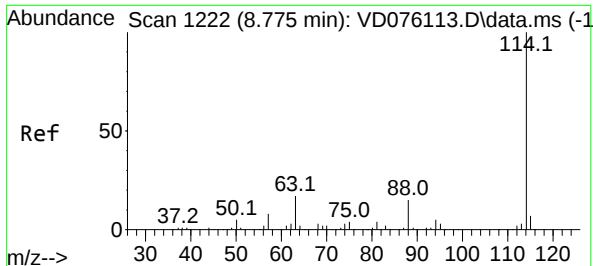
Tgt Ion:168 Resp: 4258
Ion Ratio Lower Upper
168 100
99 55.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 70.057 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD076218.D
Acq: 24 May 2023 17:09

Tgt Ion: 65 Resp: 2883
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076218.D

Acq: 24 May 2023 17:09

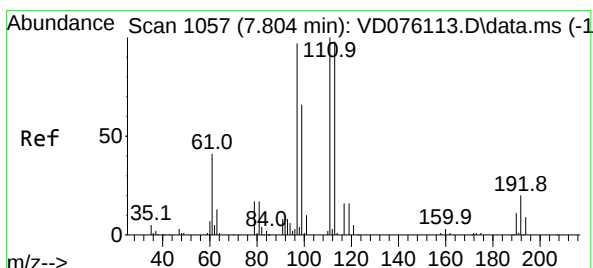
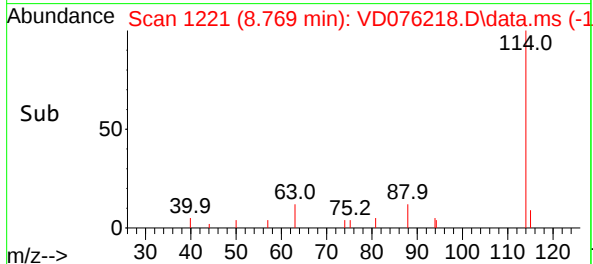
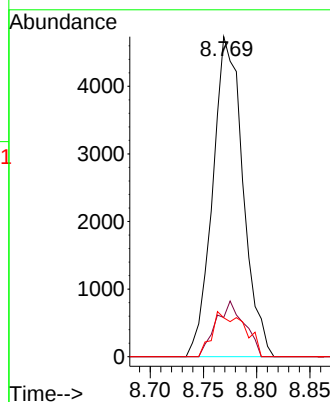
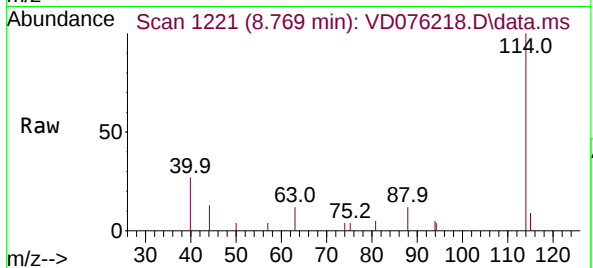
Instrument :

MSVOA_D

ClientSampleId :

TP-32

Tgt Ion:114	Resp:	9356
Ion	Ratio	Lower Upper
114	100	
63	12.2	0.0 41.6
88	12.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 52.265 ug/l

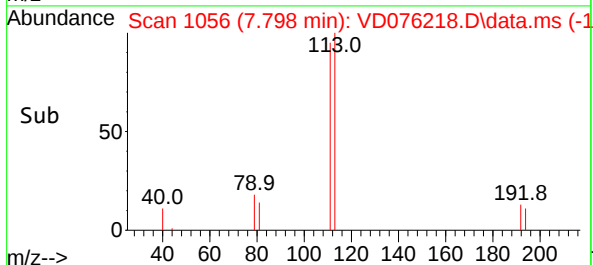
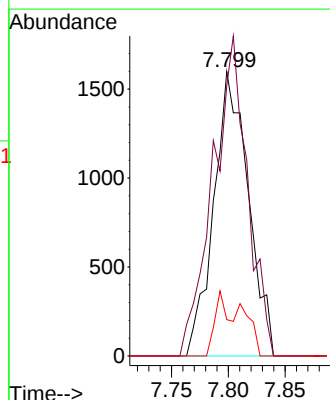
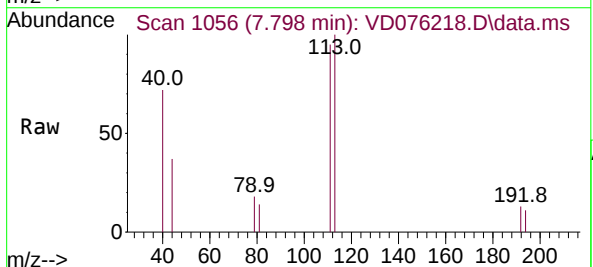
RT: 7.798 min Scan# 1056

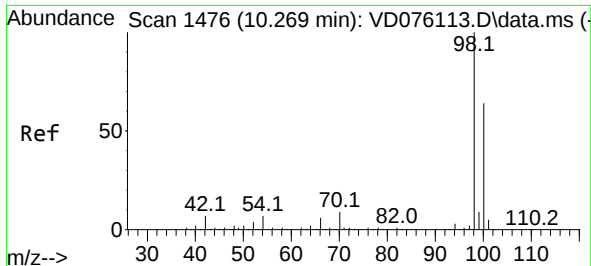
Delta R.T. -0.006 min

Lab File: VD076218.D

Acq: 24 May 2023 17:09

Tgt Ion:113	Resp:	3380
Ion	Ratio	Lower Upper
113	100	
111	112.8	81.4 122.0
192	9.6	15.2 22.8

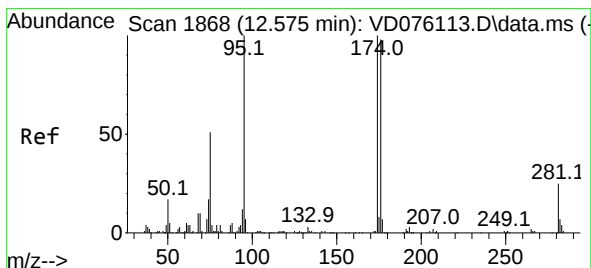
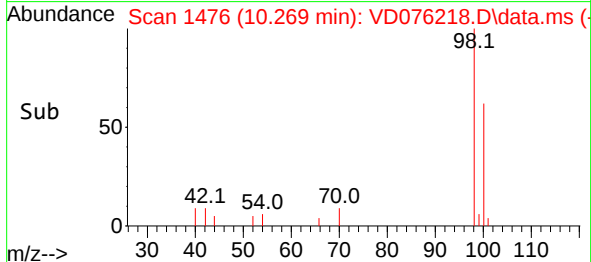
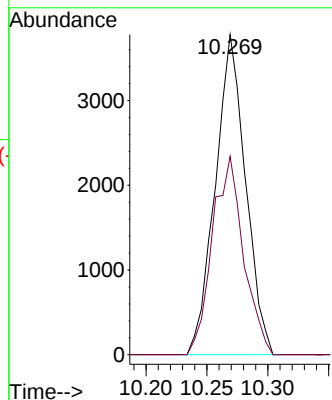
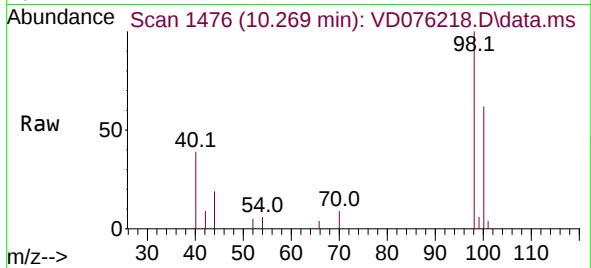




#50
Toluene-d8
Concen: 25.930 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076218.D
Acq: 24 May 2023 17:09

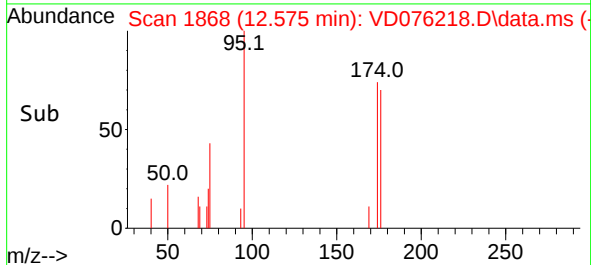
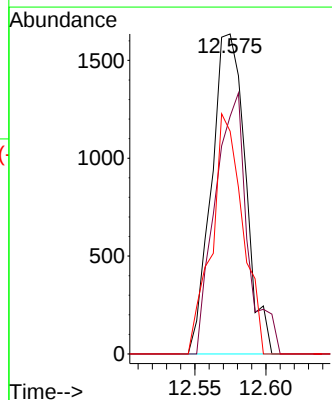
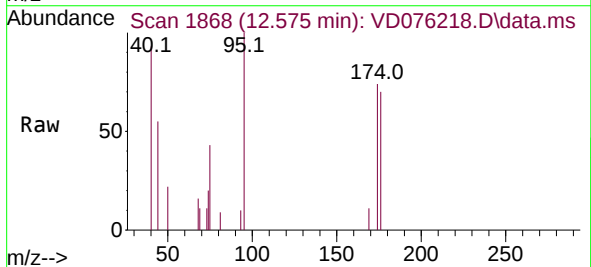
Instrument :
MSVOA_D
ClientSampleId :
TP-32

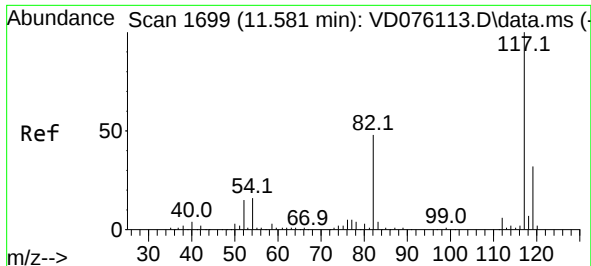
Tgt Ion: 98 Resp: 6537
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.769 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076218.D
Acq: 24 May 2023 17:09

Tgt Ion: 95 Resp: 2715
Ion Ratio Lower Upper
95 100
174 77.9 0.0 164.0
176 68.5 0.0 156.8

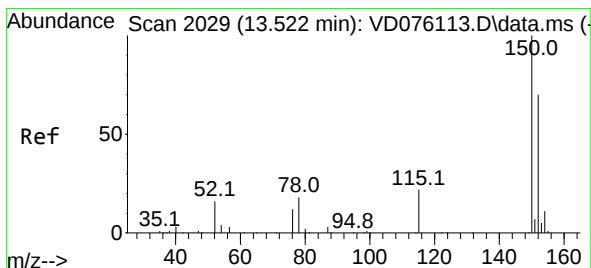
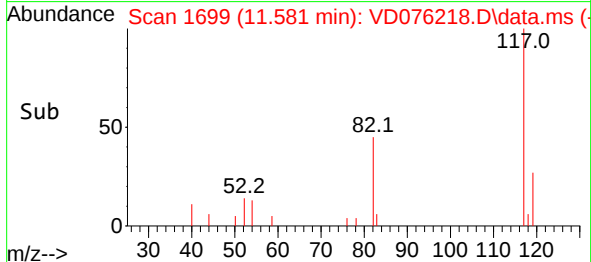
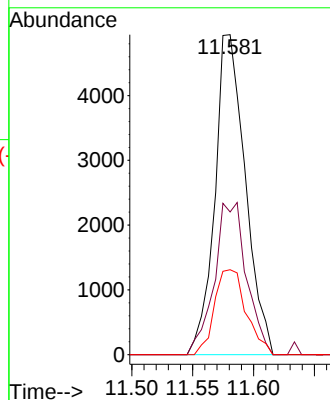
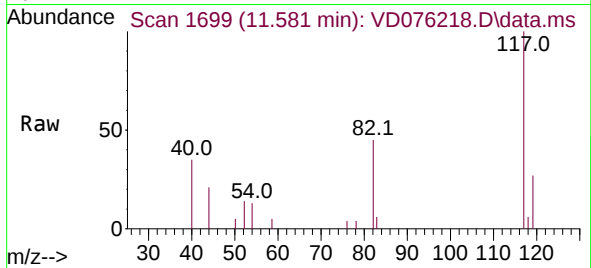




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076218.D
Acq: 24 May 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :
TP-32

Tgt Ion:117 Resp: 8608
Ion Ratio Lower Upper
117 100
82 44.6 44.0 66.0
119 26.6 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: VD076218.D
Acq: 24 May 2023 17:09

Tgt Ion:152 Resp: 3178
Ion Ratio Lower Upper
152 100
115 51.4 30.1 90.3
150 164.8 0.0 364.8

