

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077168.D
 Acq On : 20 Sep 2023 15:48
 Operator : JC/SY
 Sample : 04433-01RE
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PILE-2RE

Quant Time: Sep 21 02:24:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	8863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	19346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	12002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6794	75.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	151.920%
35) Dibromofluoromethane	7.805	113	7569	56.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.660%
50) Toluene-d8	10.263	98	23584	49.308	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.569	95	10366	69.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	139.840%

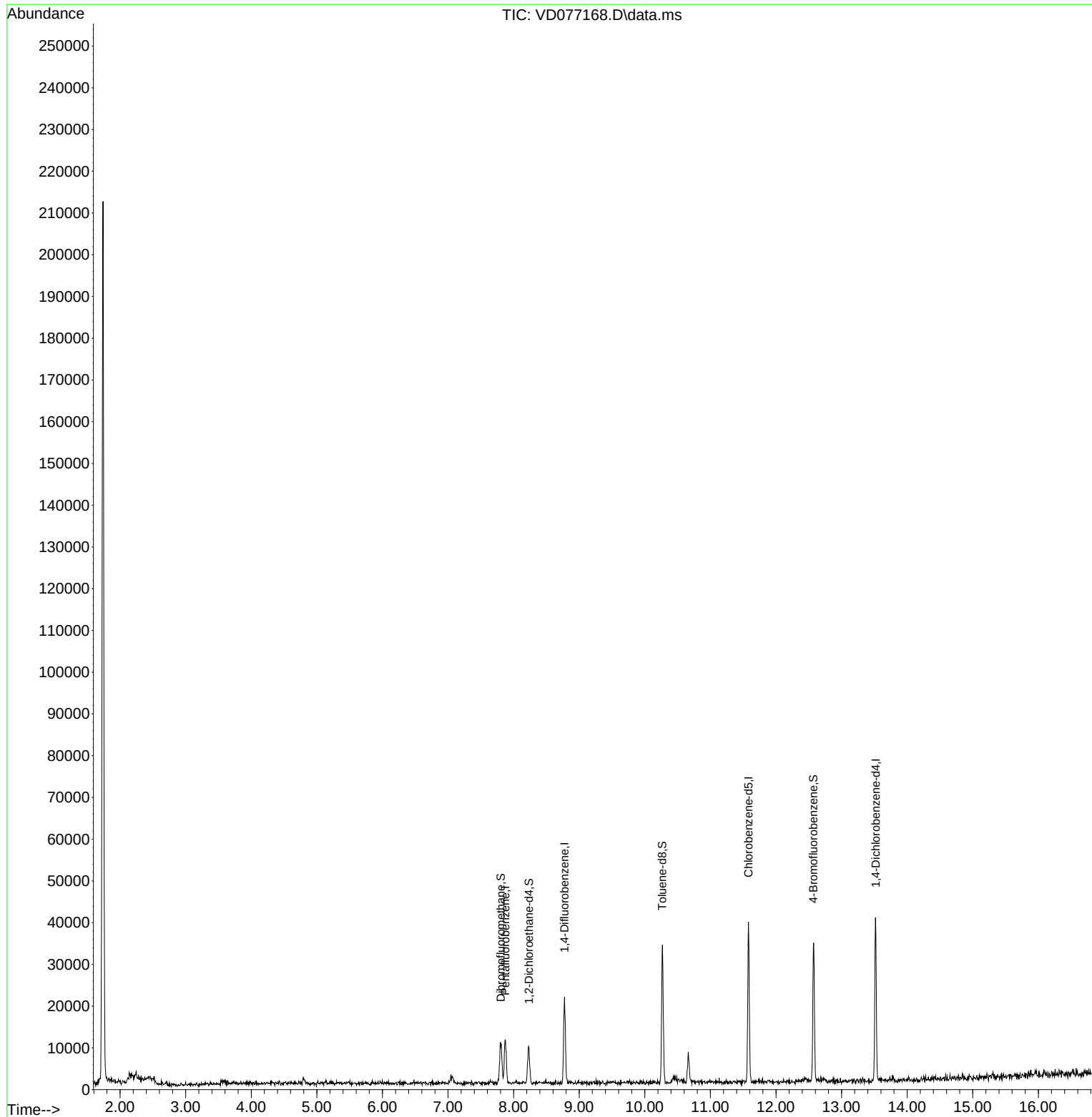
Target Compounds	Qvalue

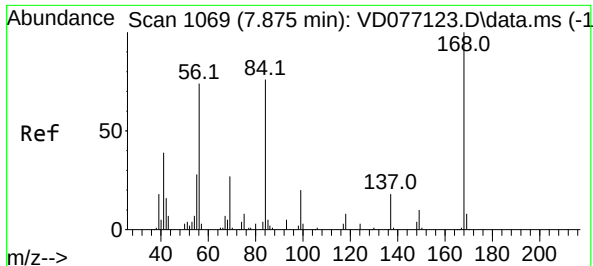
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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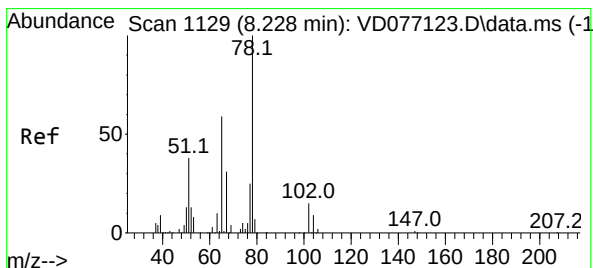
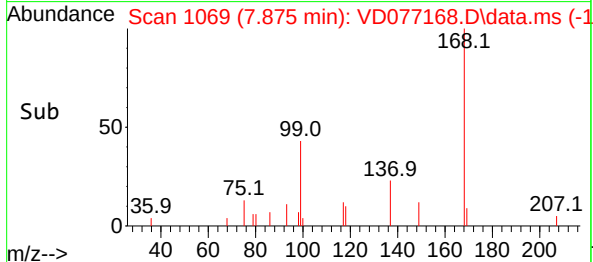
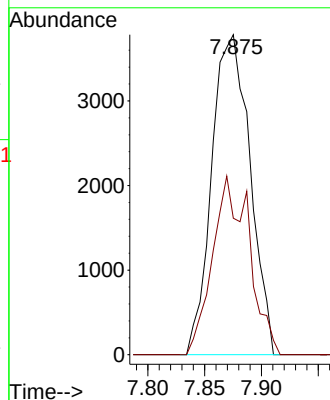
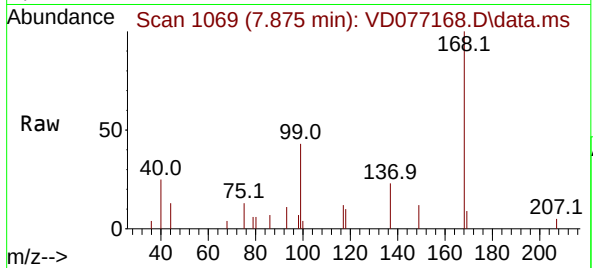




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077168.D
Acq: 20 Sep 2023 15:48

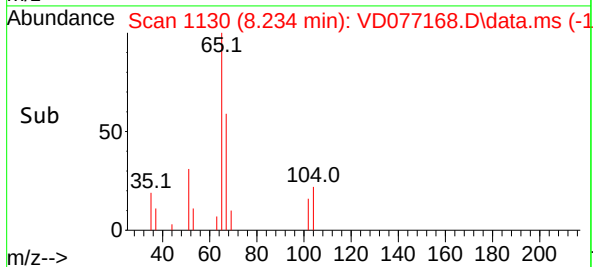
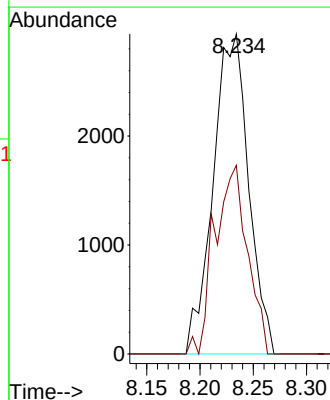
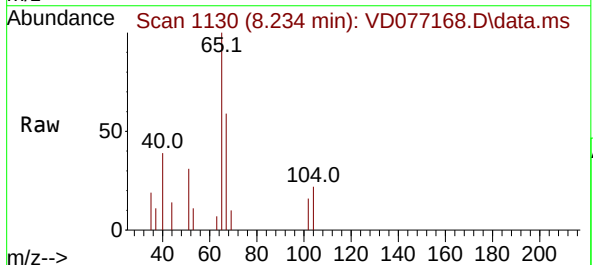
Instrument :
MSVOA_D
ClientSampleId :
PILE-2RE

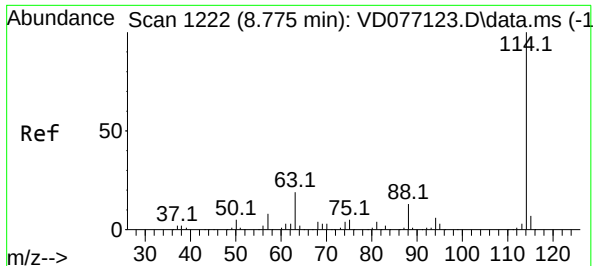
Tgt Ion:168 Resp: 8863
Ion Ratio Lower Upper
168 100
99 42.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 75.956 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077168.D
Acq: 20 Sep 2023 15:48

Tgt Ion: 65 Resp: 6794
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077168.D

Acq: 20 Sep 2023 15:48

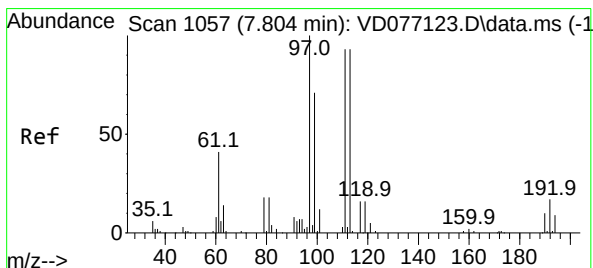
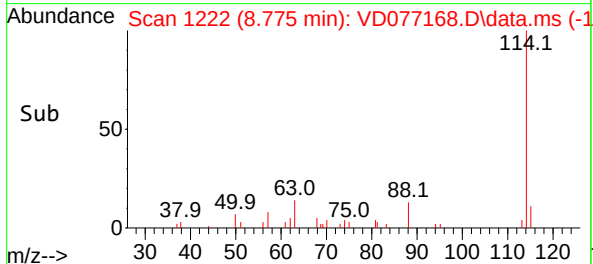
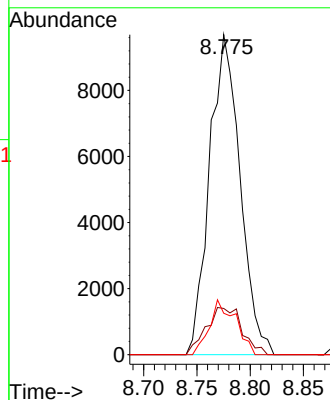
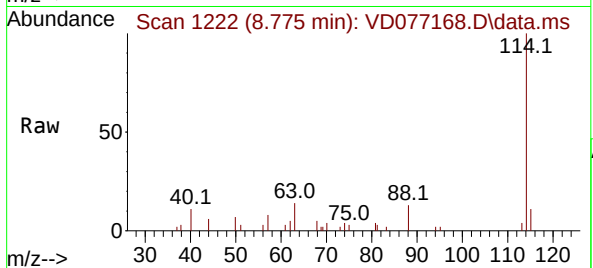
Instrument :

MSVOA_D

ClientSampleId :

PILE-2RE

Tgt Ion:114	Resp:	19346
Ion Ratio	Lower	Upper
114	100	
63	14.5	0.0 33.4
88	13.0	0.0 26.2



#35

Dibromofluoromethane

Concen: 56.327 ug/l

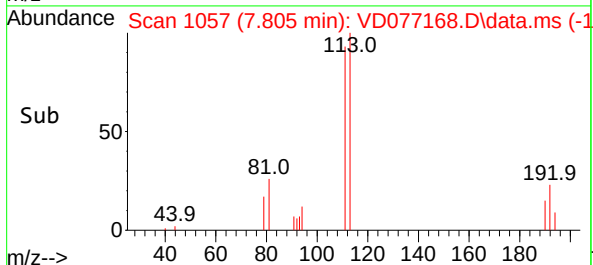
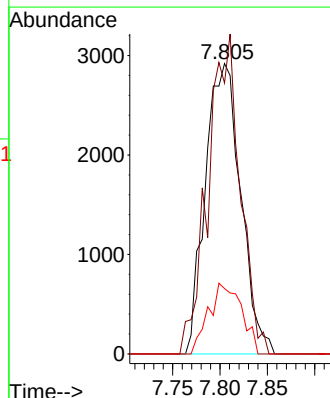
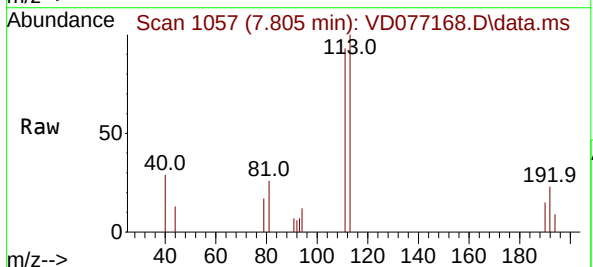
RT: 7.805 min Scan# 1057

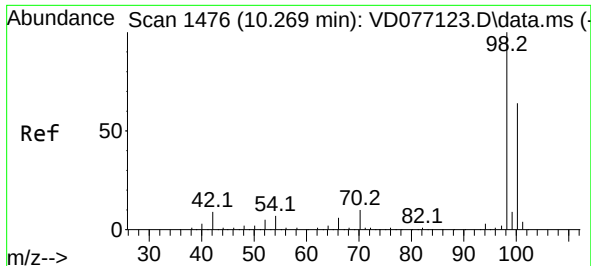
Delta R.T. 0.000 min

Lab File: VD077168.D

Acq: 20 Sep 2023 15:48

Tgt Ion:113	Resp:	7569
Ion Ratio	Lower	Upper
113	100	
111	100.2	84.7 127.1
192	22.7	16.8 25.2

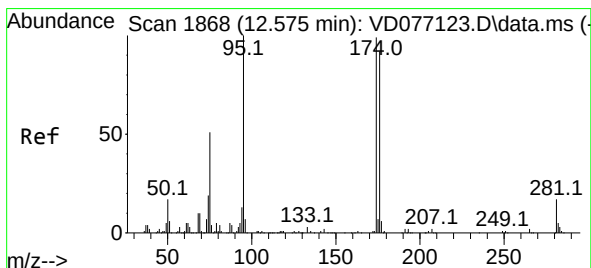
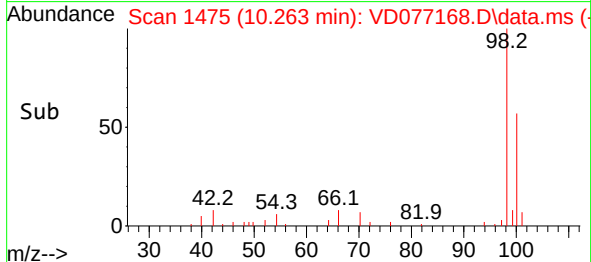
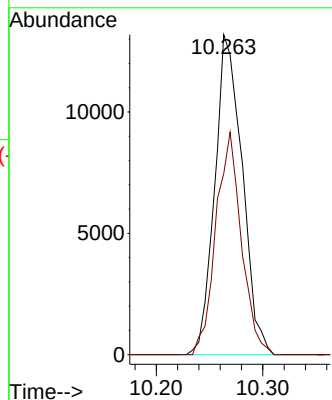
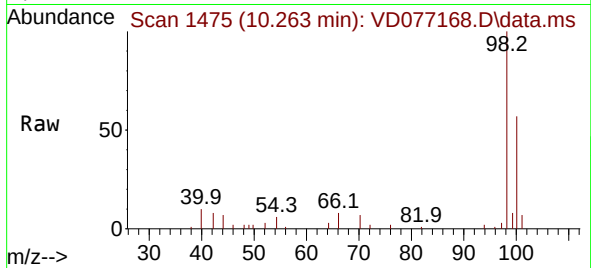




#50
Toluene-d8
Concen: 49.308 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD077168.D
Acq: 20 Sep 2023 15:48

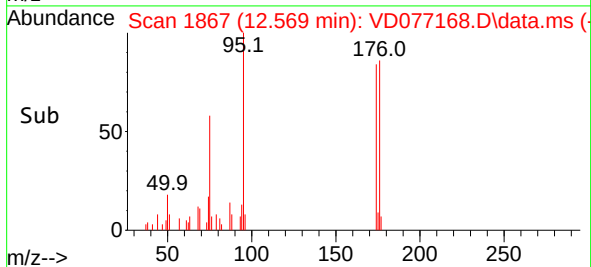
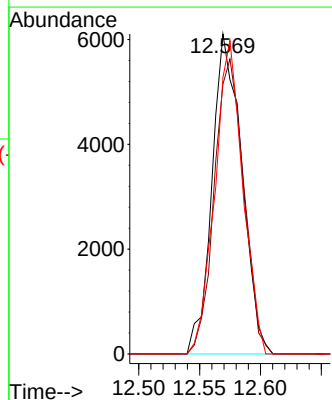
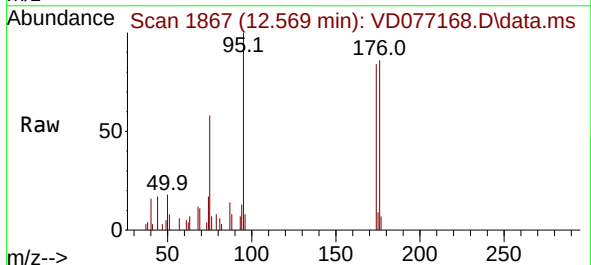
Instrument :
MSVOA_D
ClientSampleId :
PILE-2RE

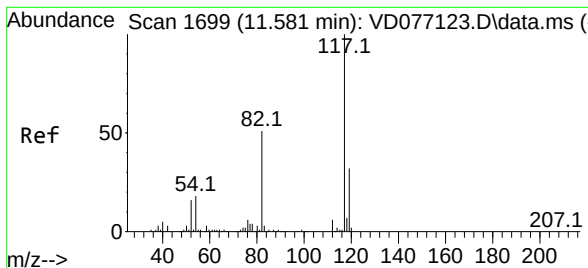
Tgt Ion: 98 Resp: 23584
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.924 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077168.D
Acq: 20 Sep 2023 15:48

Tgt Ion: 95 Resp: 10366
Ion Ratio Lower Upper
95 100
174 91.5 0.0 201.8
176 92.2 0.0 191.8

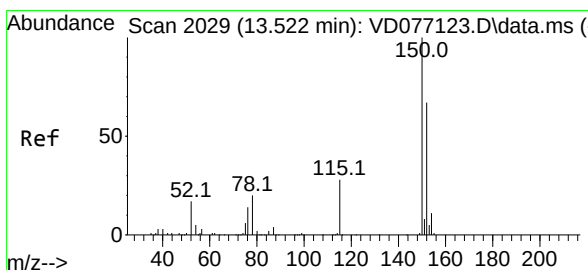
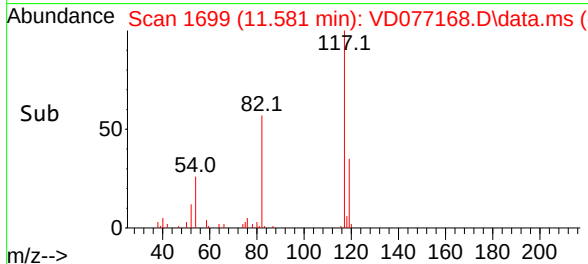
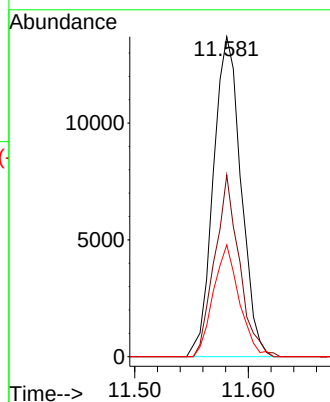
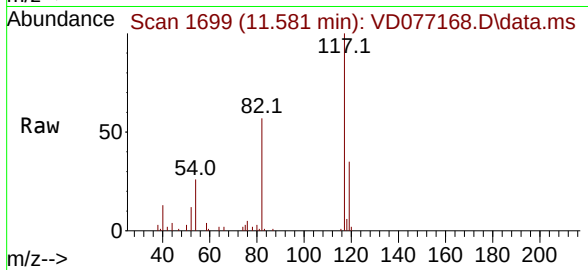




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077168.D
Acq: 20 Sep 2023 15:48

Instrument :
MSVOA_D
ClientSampleId :
PILE-2RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.8	38.3	57.5
119	35.0	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077168.D
Acq: 20 Sep 2023 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.1	81.3
150	152.2	0.0	353.6

