

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077477.D
 Acq On : 01 Nov 2023 13:38
 Operator : JC/SY
 Sample : 05198-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SCF

Quant Time: Nov 02 00:54:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

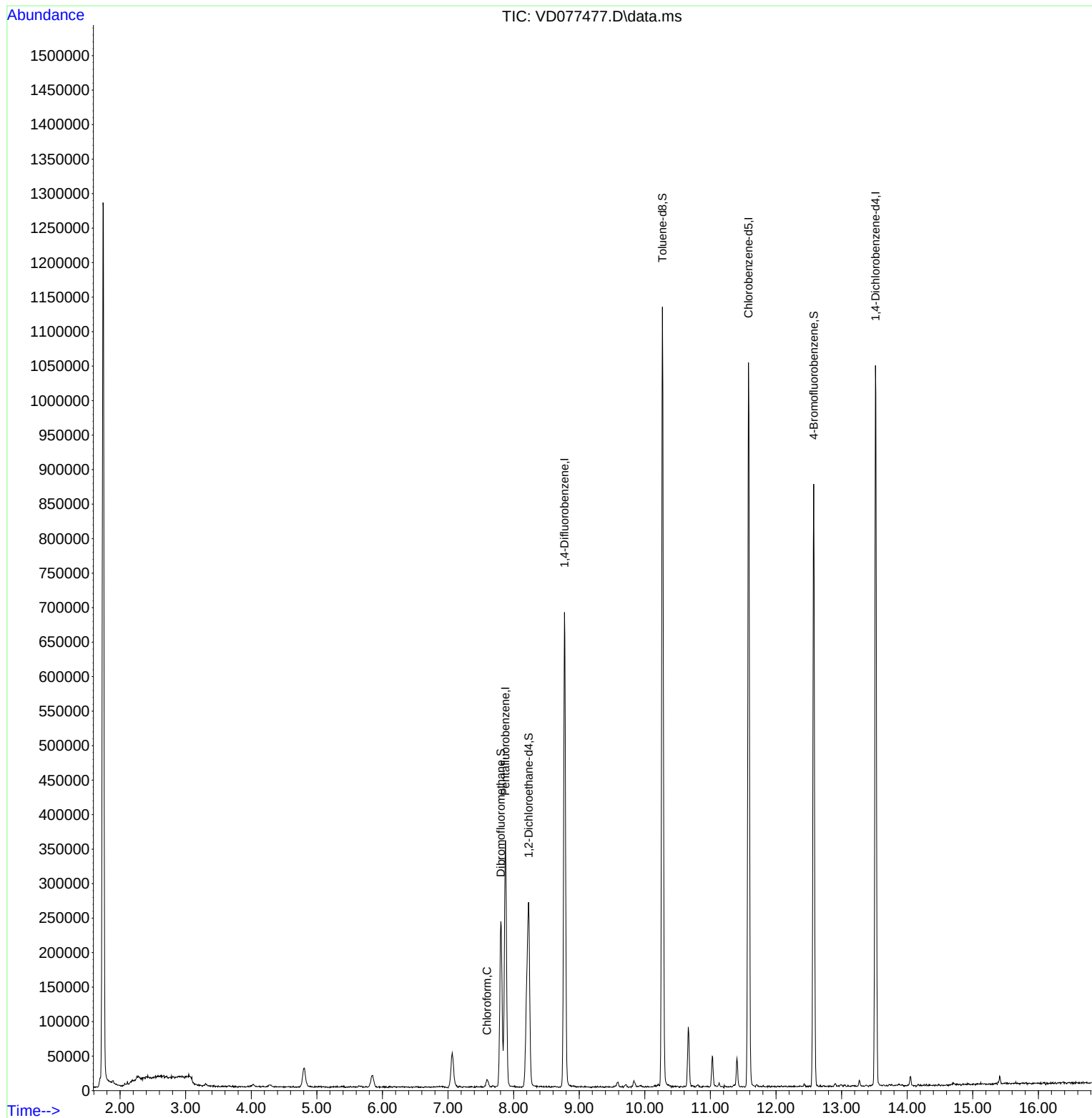
Internal Standards						
1) Pentafluorobenzene	7.875	168	261310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	555753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	556303	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	253943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	181820	49.206	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.805	113	175808	45.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.540%
50) Toluene-d8	10.269	98	745689	49.979	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.575	95	261108	51.960	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.920%
Target Compounds						
					Qvalue	
30) Chloroform	7.593	83	10153	1.566	ug/l	100

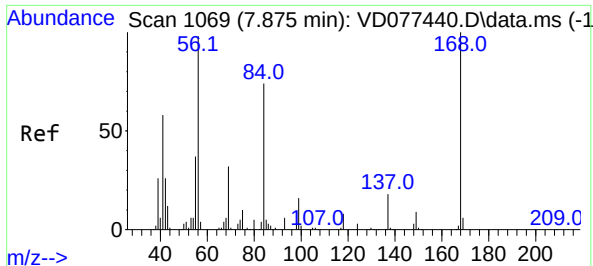
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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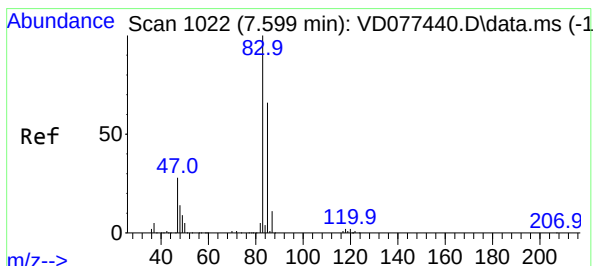
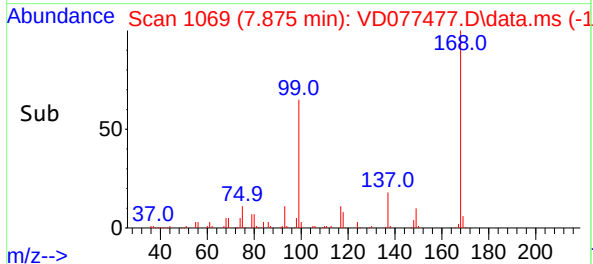
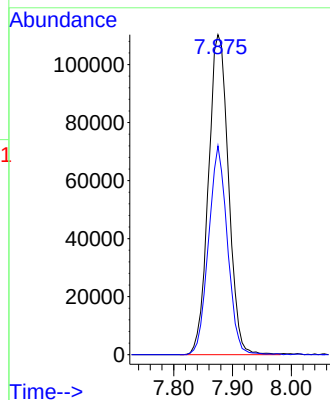
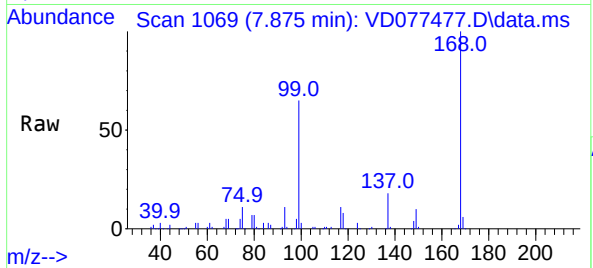




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

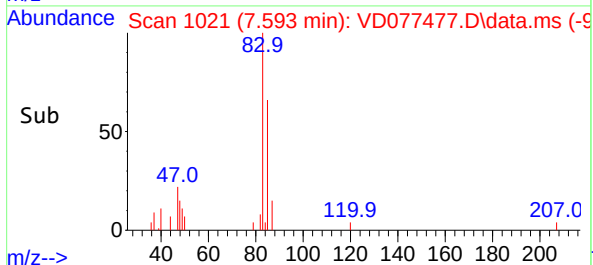
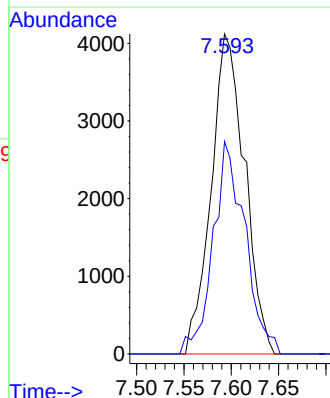
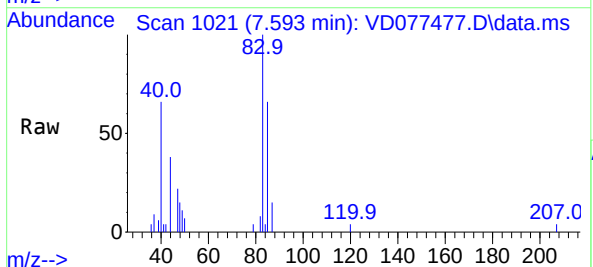
Instrument :
MSVOA_D
ClientSampleId :
SCF

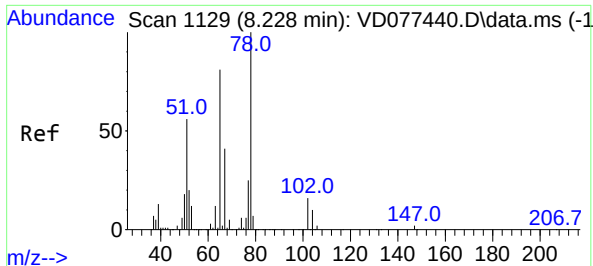
Tgt Ion:168 Resp: 261310
Ion Ratio Lower Upper
168 100
99 65.3 36.7 55.1#



#30
Chloroform
Concen: 1.566 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

Tgt Ion: 83 Resp: 10153
Ion Ratio Lower Upper
83 100
85 66.4 53.4 80.2

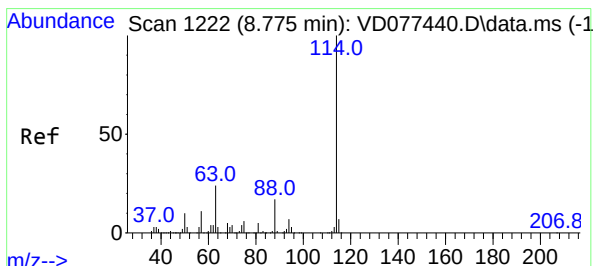
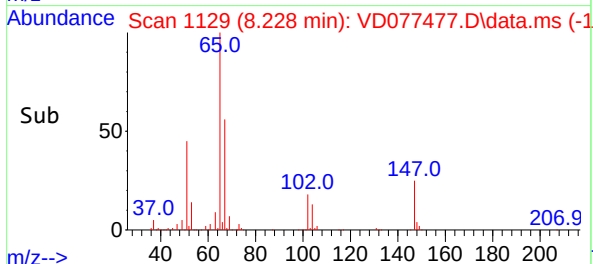
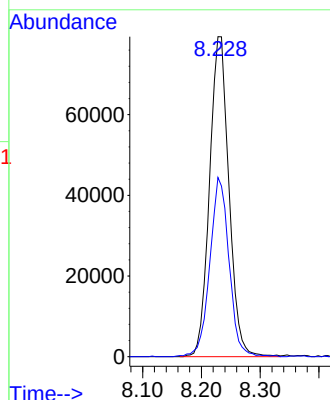
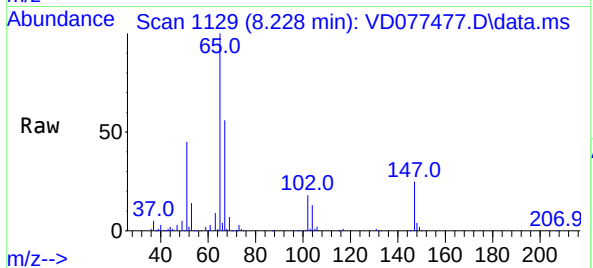




#33
 1,2-Dichloroethane-d4
 Concen: 49.206 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077477.D
 Acq: 01 Nov 2023 13:38

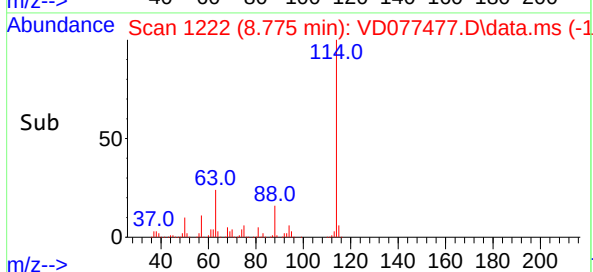
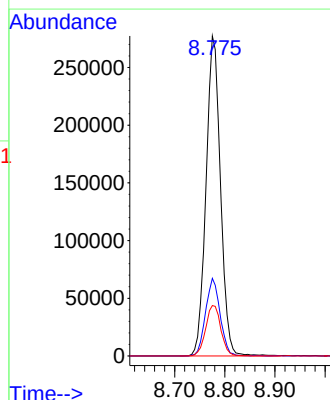
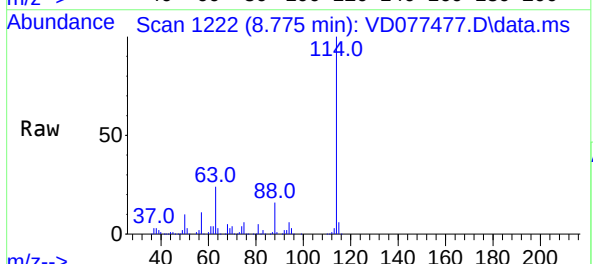
Instrument :
 MSVOA_D
 ClientSampleId :
 SCF

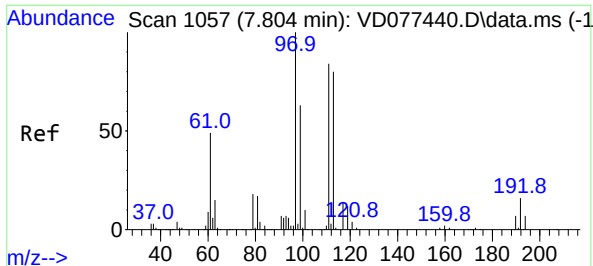
Tgt Ion: 65 Resp: 181820
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD077477.D
 Acq: 01 Nov 2023 13:38

Tgt Ion:114 Resp: 555753
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 33.4
 88 15.8 0.0 26.2

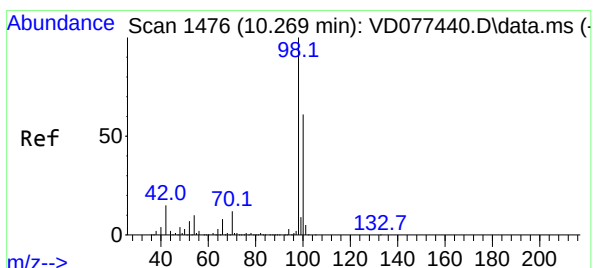
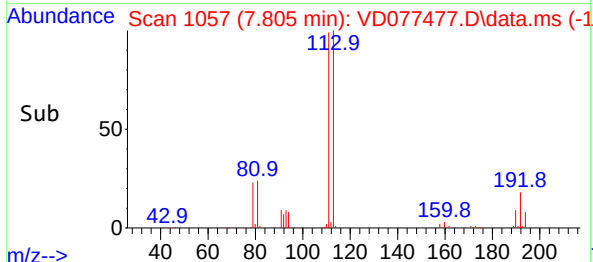
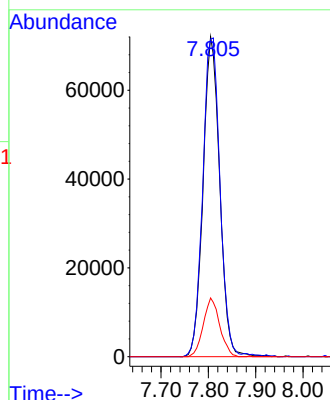
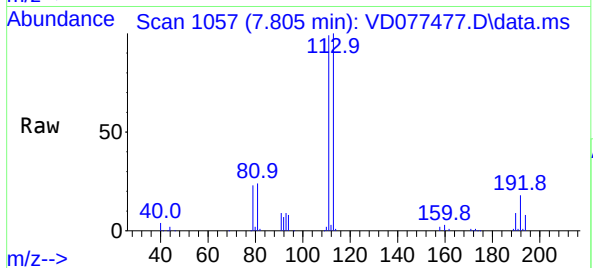




#35
Dibromofluoromethane
Concen: 45.770 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

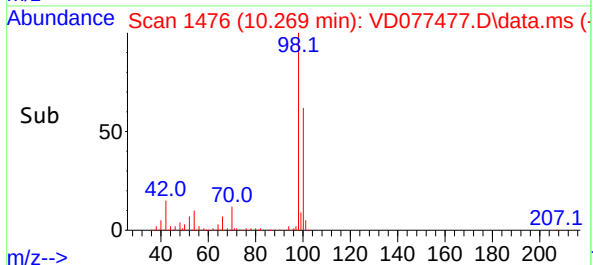
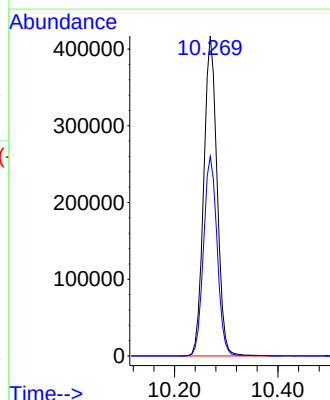
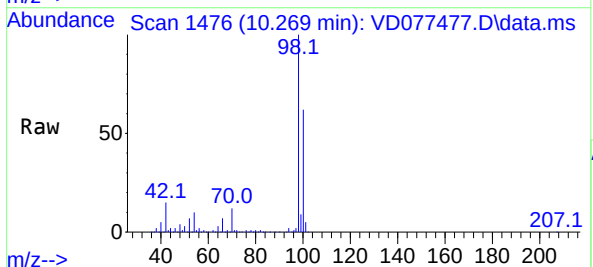
Instrument :
MSVOA_D
ClientSampleId :
SCF

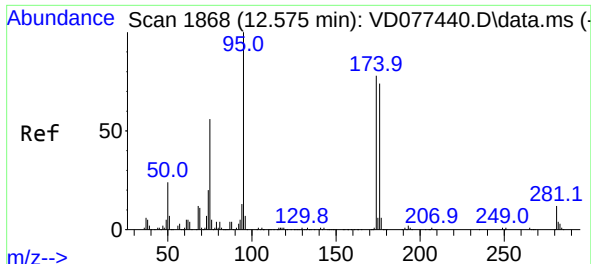
Tgt Ion:113 Resp: 175808
Ion Ratio Lower Upper
113 100
111 102.8 84.7 127.1
192 18.1 16.8 25.2



#50
Toluene-d8
Concen: 49.979 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

Tgt Ion: 98 Resp: 745689
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5

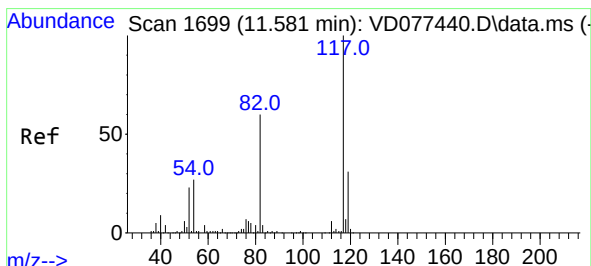
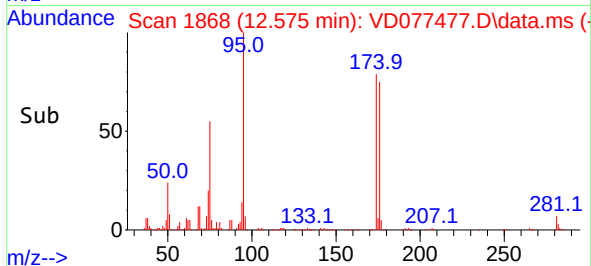
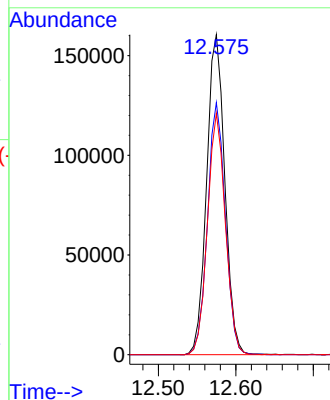
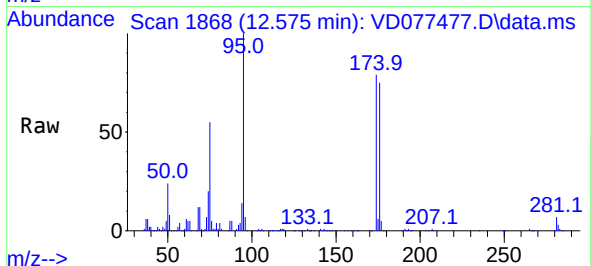




#62
4-Bromofluorobenzene
Concen: 51.960 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

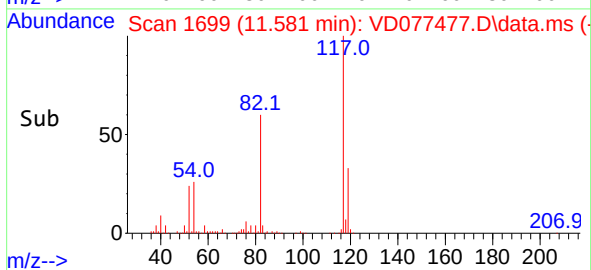
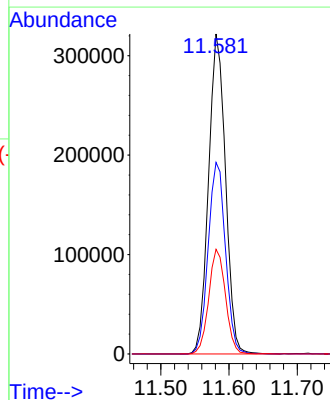
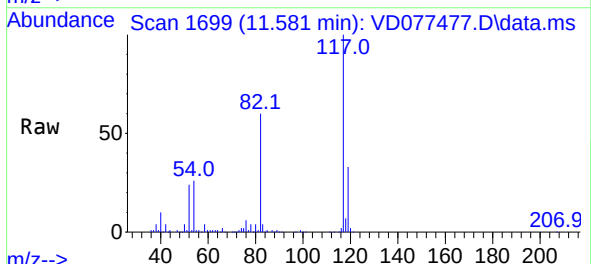
Instrument :
MSVOA_D
ClientSampleId :
SCF

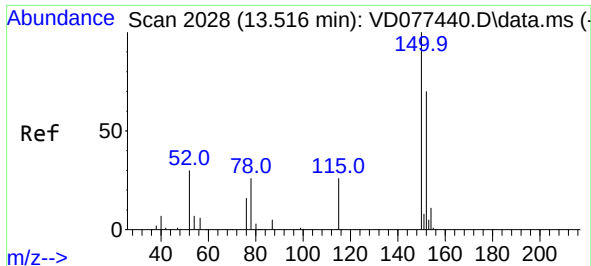
Tgt Ion: 95 Resp: 261108
Ion Ratio Lower Upper
95 100
174 77.2 0.0 201.8
176 74.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

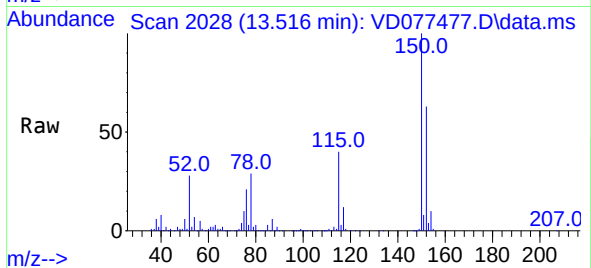
Tgt Ion: 117 Resp: 556303
Ion Ratio Lower Upper
117 100
82 59.9 38.3 57.5#
119 32.7 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD077477.D
Acq: 01 Nov 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
SCF



Tgt Ion:	152	Resp:	253943
Ion	Ratio	Lower	Upper
152	100		
115	61.2	27.1	81.3
150	159.1	0.0	353.6

