

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077006.D
 Acq On : 14 Aug 2023 17:35
 Operator : JC/SY
 Sample : 03973-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-14.5-15.0

Quant Time: Aug 15 04:49:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	6530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	12459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	17695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7930	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3926	76.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.420%
35) Dibromofluoromethane	7.816	113	4250	63.451	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.900%
50) Toluene-d8	10.269	98	16073	74.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	149.420%#
62) 4-Bromofluorobenzene	12.569	95	6462	85.921	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	171.840%#

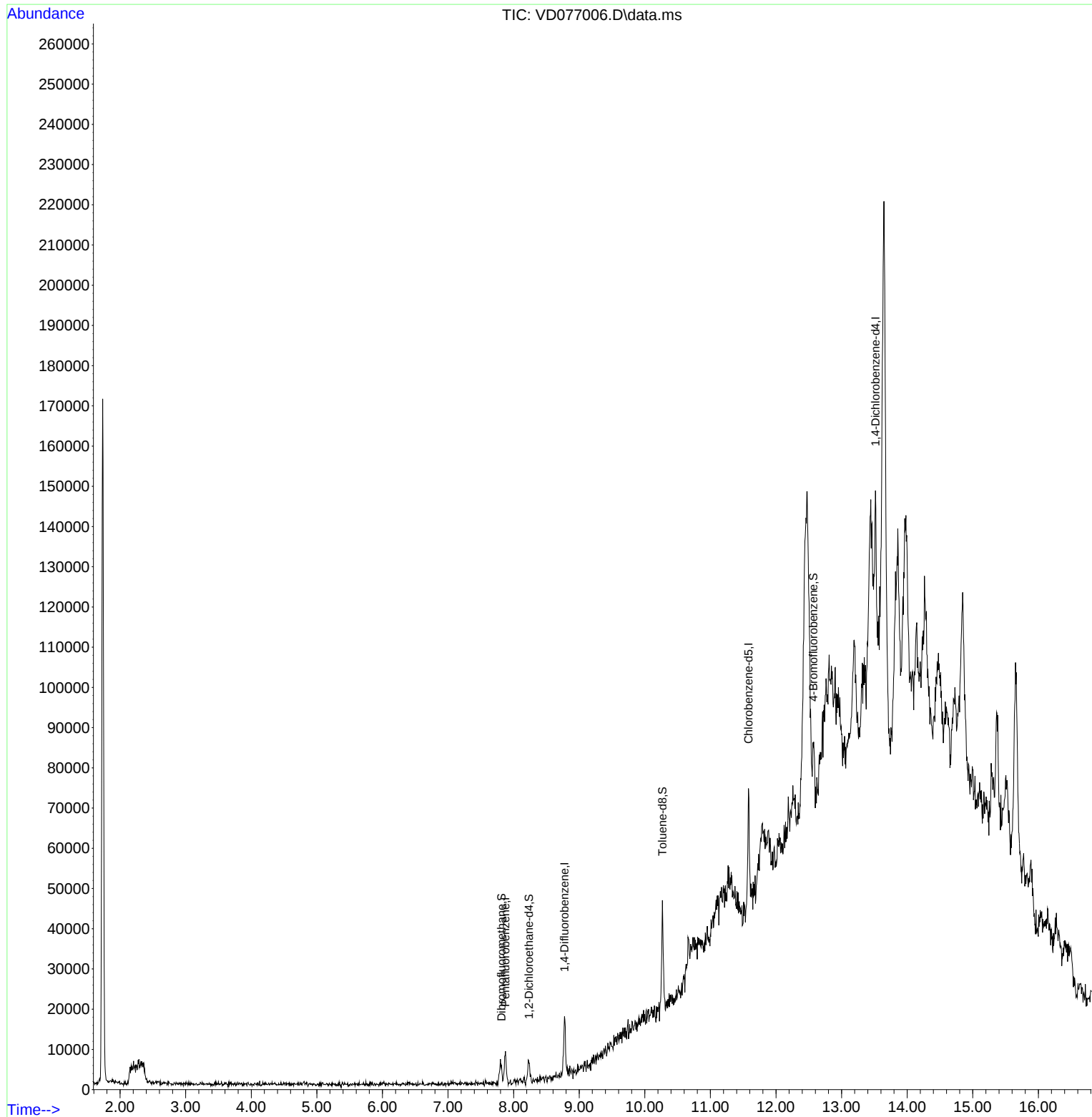
Target Compounds	Qvalue

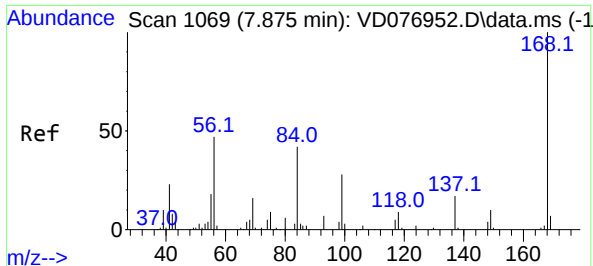
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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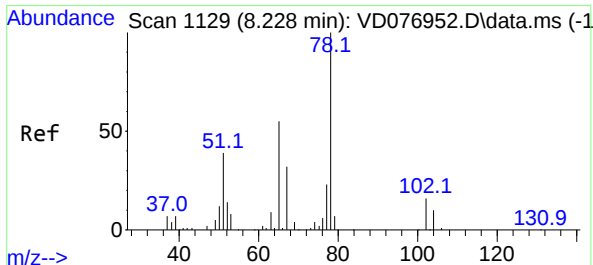
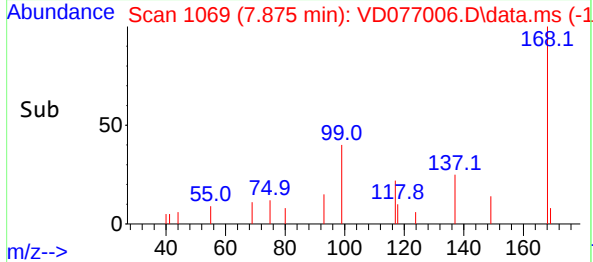
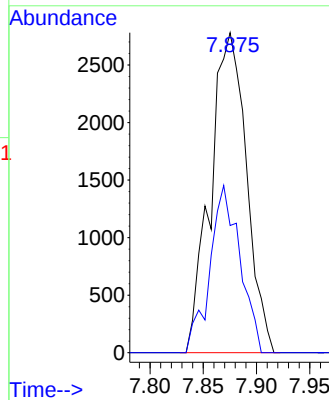
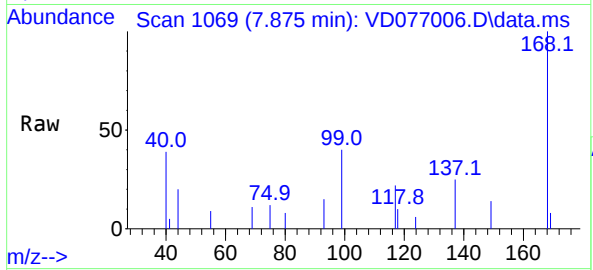




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

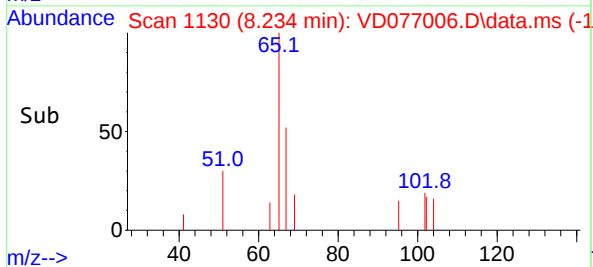
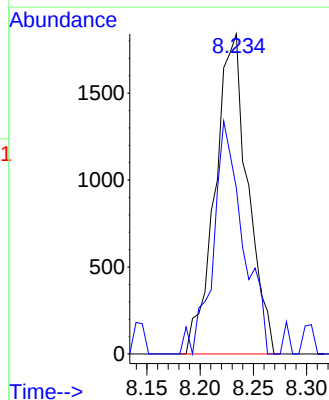
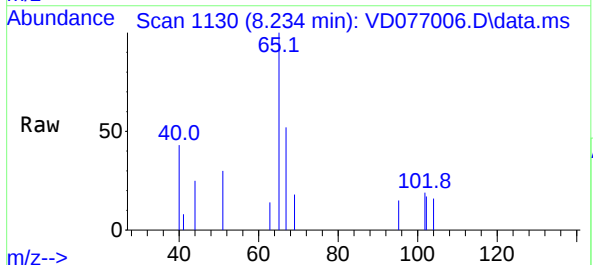
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

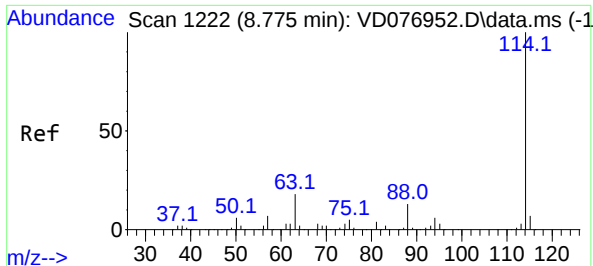
Tgt Ion:168 Resp: 6530
Ion Ratio Lower Upper
168 100
99 39.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 76.215 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 65 Resp: 3926
Ion Ratio Lower Upper
65 100
67 66.4 0.0 115.0

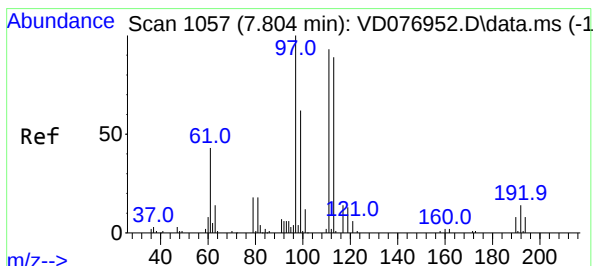
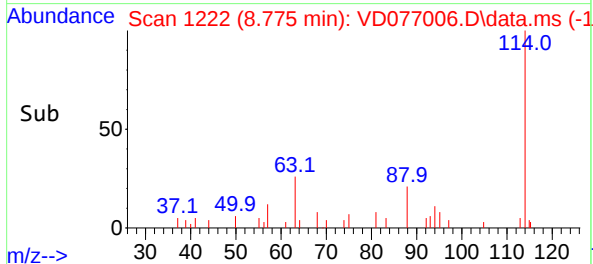
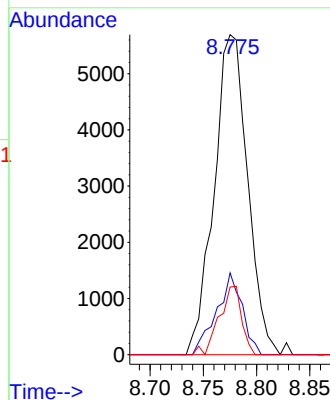
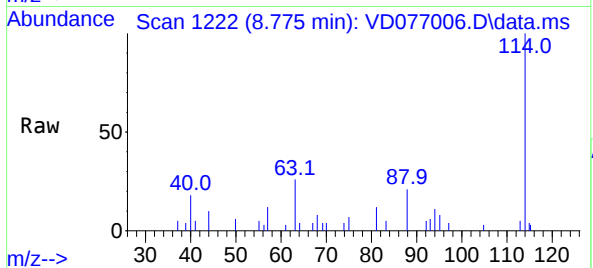




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

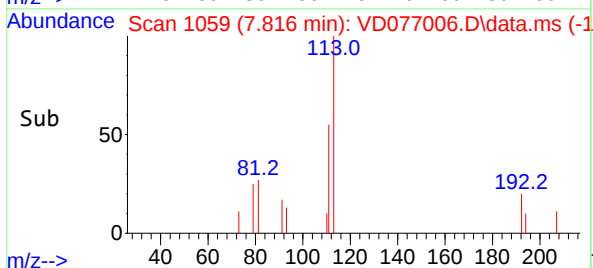
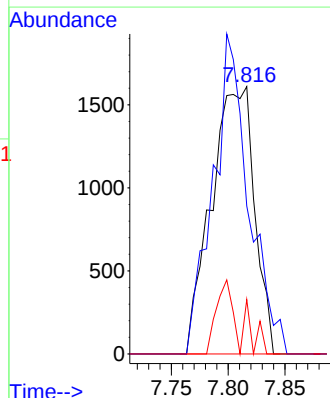
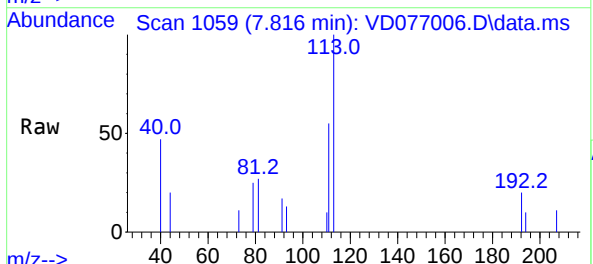
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

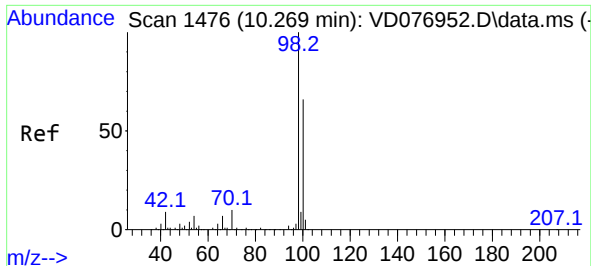
Tgt Ion:114	Resp:	12459
Ion	Ratio	Lower Upper
114	100	
63	25.5	0.0 33.4
88	21.1	0.0 26.2



#35
Dibromofluoromethane
Concen: 63.451 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:113	Resp:	4250
Ion	Ratio	Lower Upper
113	100	
111	0.0	84.7 127.1#
192	4.4	16.8 25.2#

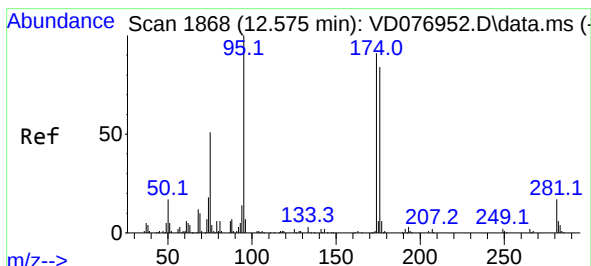
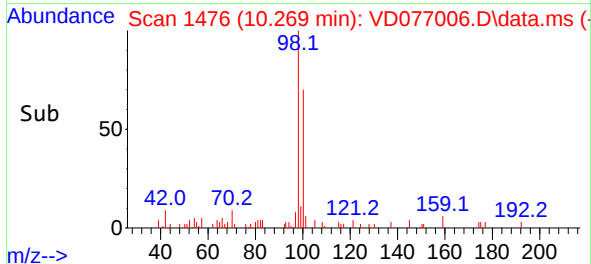
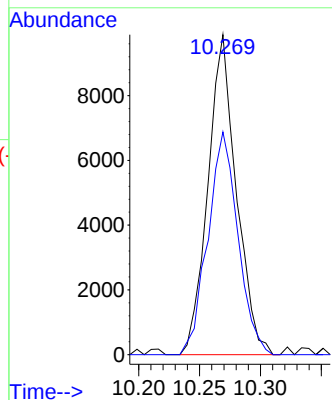
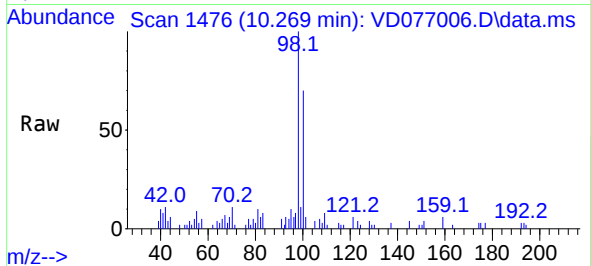




#50
Toluene-d8
Concen: 74.711 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

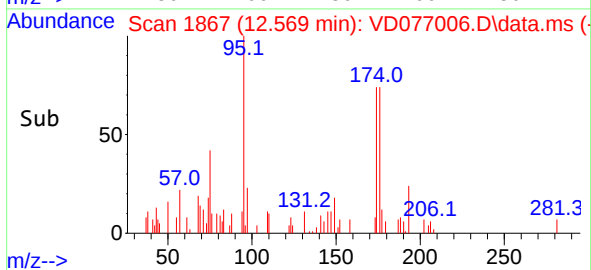
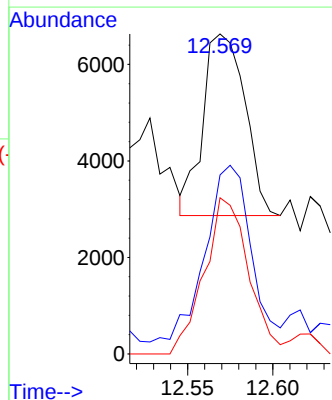
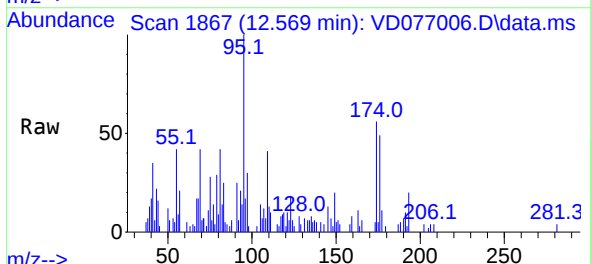
Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

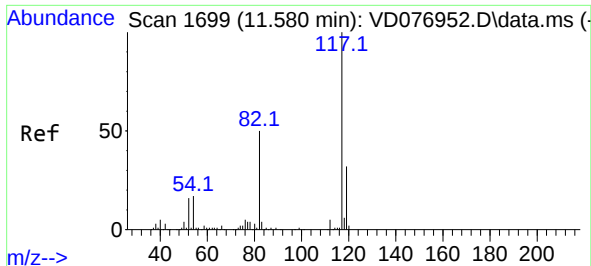
Tgt Ion: 98 Resp: 16073
Ion Ratio Lower Upper
98 100
100 73.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 85.921 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 95 Resp: 6462
Ion Ratio Lower Upper
95 100
174 111.4 0.0 201.8
176 90.0 0.0 191.8

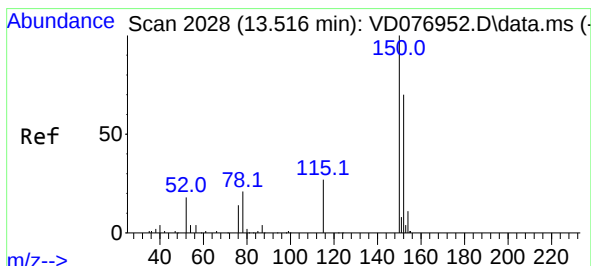
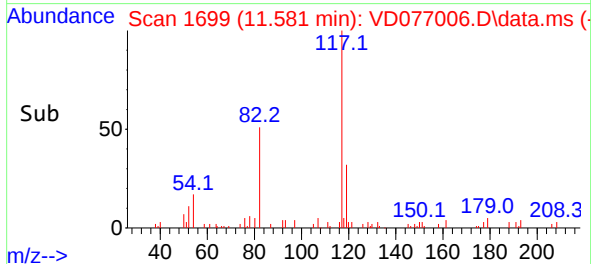
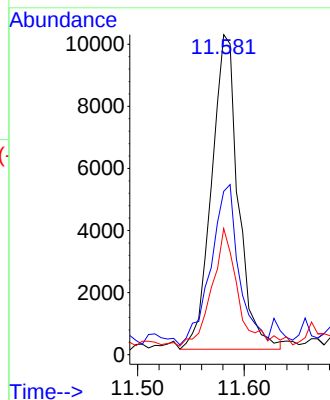
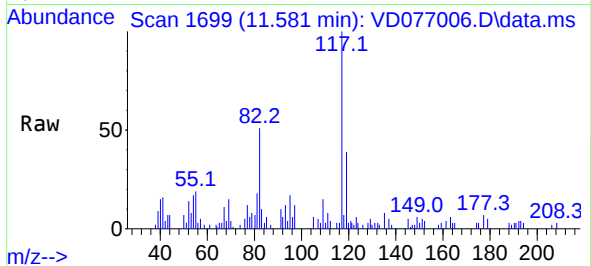




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Instrument :
MSVOA_D
ClientSampleId :
SB-01-14.5-15.0

Tgt Ion:	117	Resp:	17695
Ion	Ratio	Lower	Upper
117	100		
82	48.8	38.3	57.5
119	37.4	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077006.D
Acq: 14 Aug 2023 17:35

Tgt Ion:	152	Resp:	7930
Ion	Ratio	Lower	Upper
152	100		
115	94.0	27.1	81.3#
150	150.7	0.0	353.6

