

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077008.D
 Acq On : 14 Aug 2023 18:32
 Operator : JC/SY
 Sample : 03973-05
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-16.5-17.0

Quant Time: Aug 15 04:50:44 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)

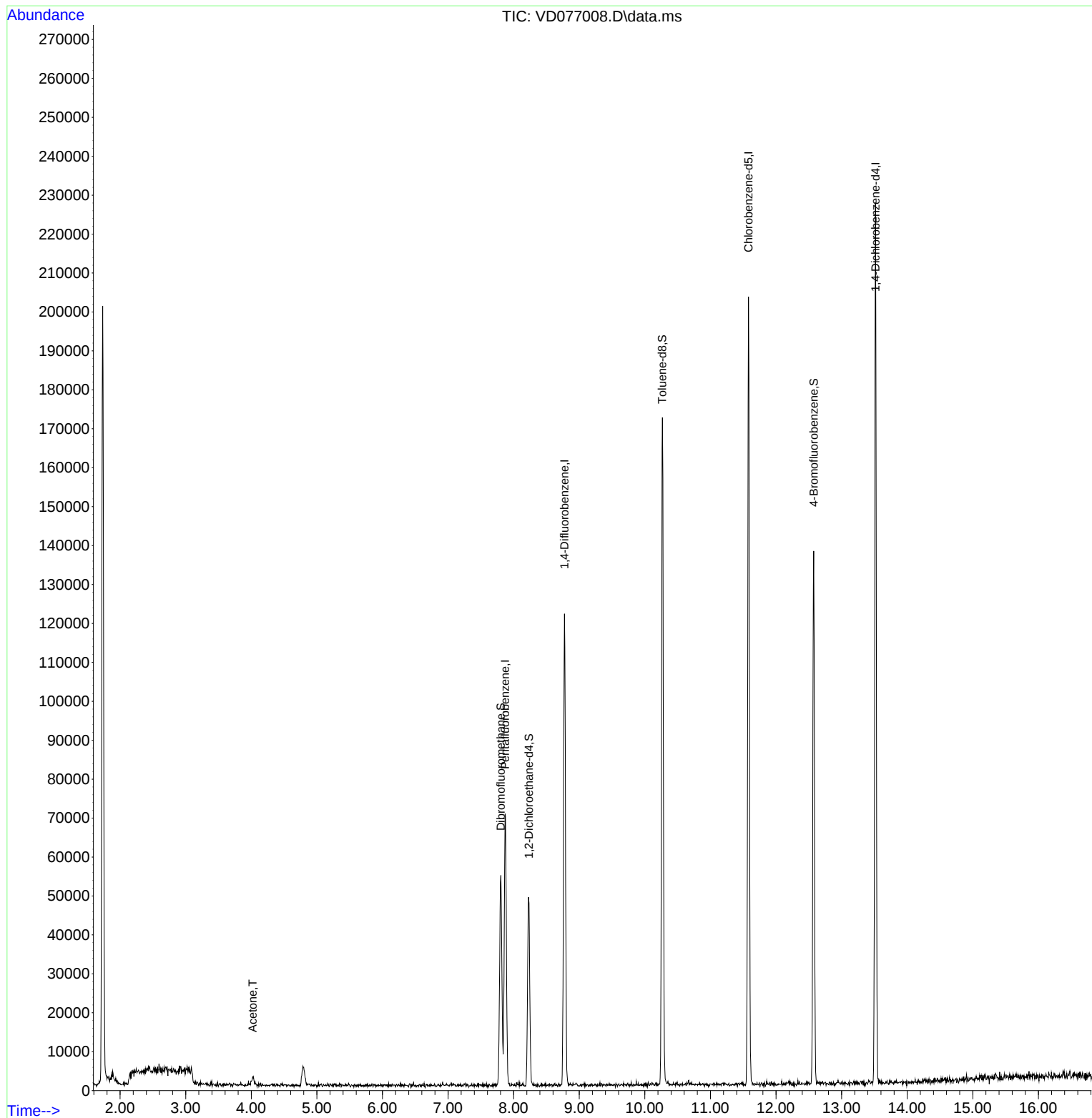
Internal Standards						
1) Pentafluorobenzene	7.869	168	54768	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	114887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38958	90.172	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	180.340%	#
35) Dibromofluoromethane	7.804	113	40703	65.900	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	131.800%	
50) Toluene-d8	10.263	98	126715	63.874	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	127.740%	
62) 4-Bromofluorobenzene	12.575	95	43081	62.120	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	124.240%	
Target Compounds						
16) Acetone	4.022	43	3612	27.817	ug/l	# 79

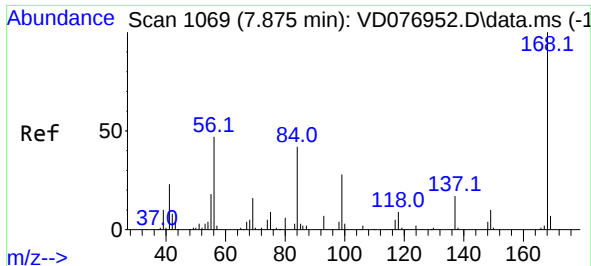
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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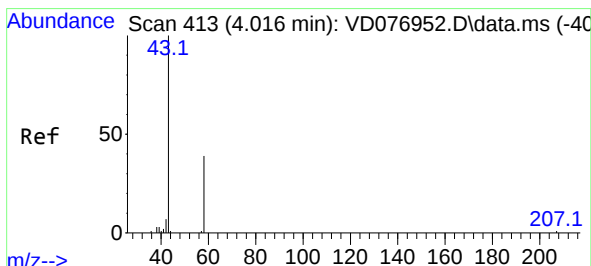
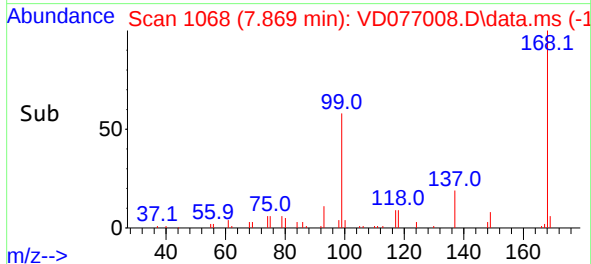
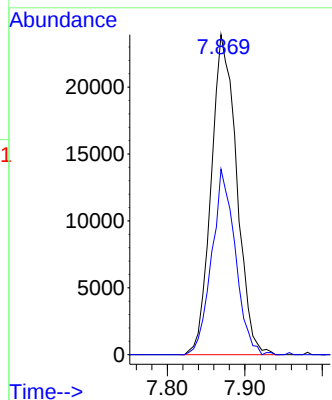
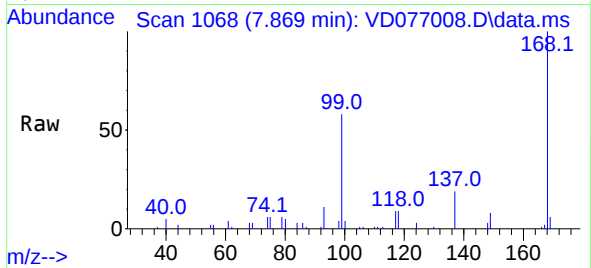




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

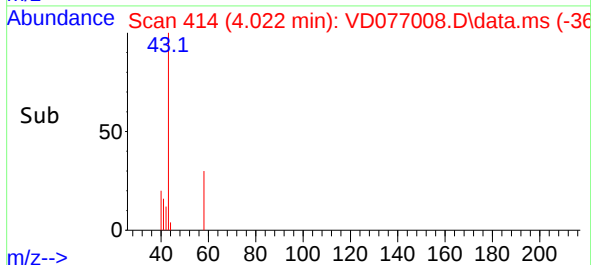
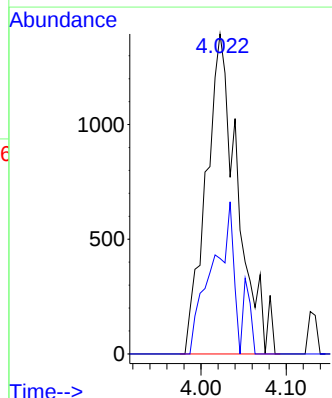
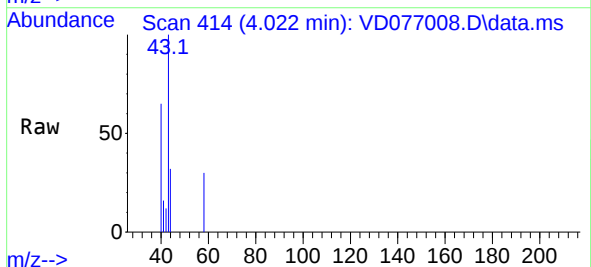
Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

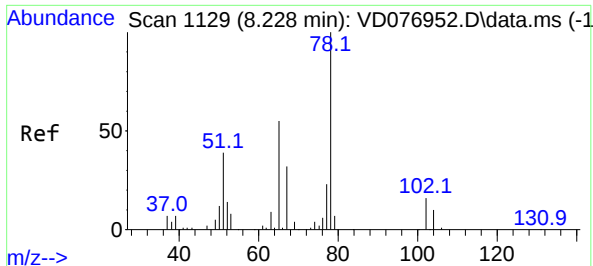
Tgt Ion:168 Resp: 54768
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1#



#16
Acetone
Concen: 27.817 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
58 29.8 34.7 52.1#

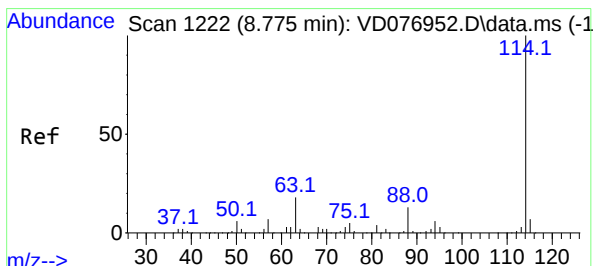
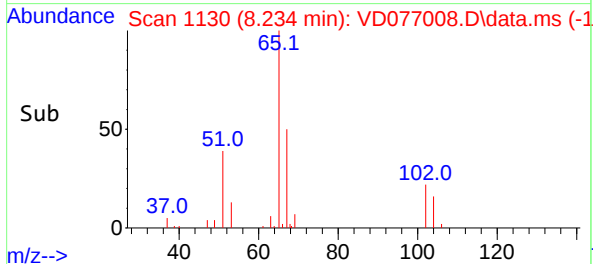
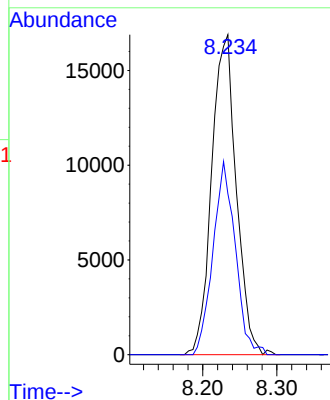
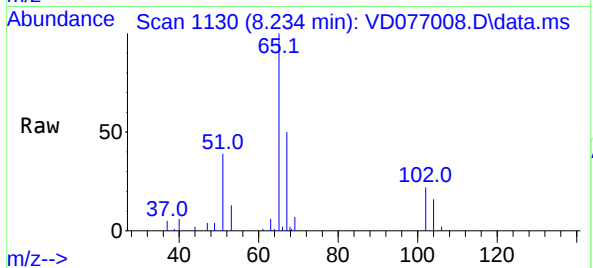




#33
1,2-Dichloroethane-d4
Concen: 90.172 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

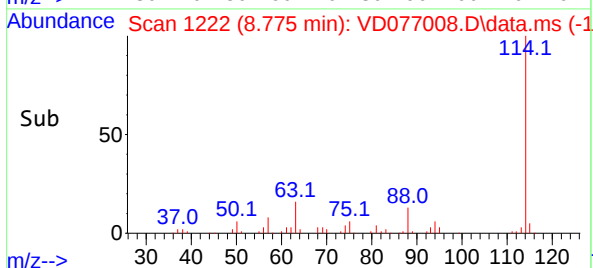
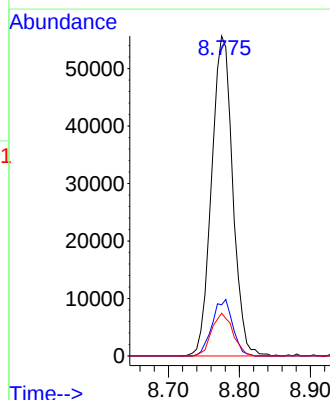
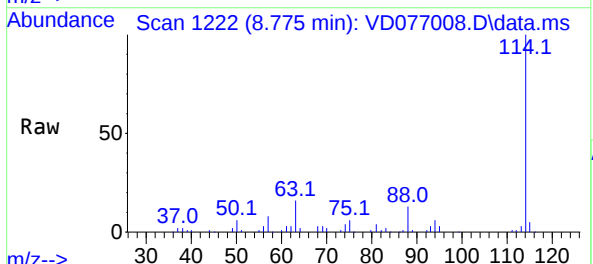
Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

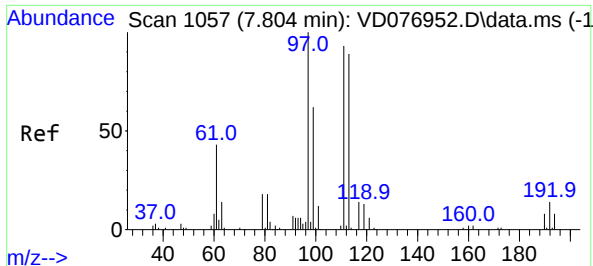
Tgt Ion: 65 Resp: 38958
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 114 Resp: 114887
Ion Ratio Lower Upper
114 100
63 16.0 0.0 33.4
88 13.4 0.0 26.2

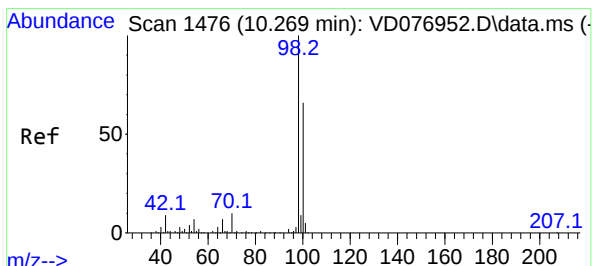
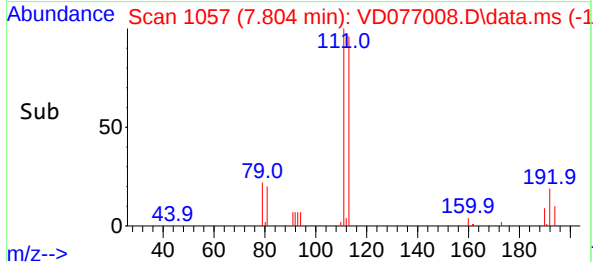
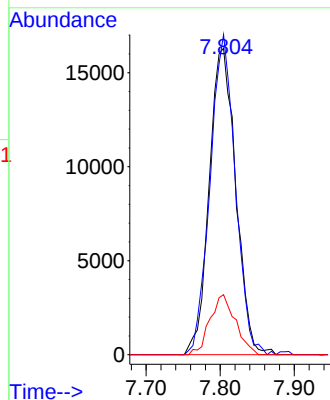
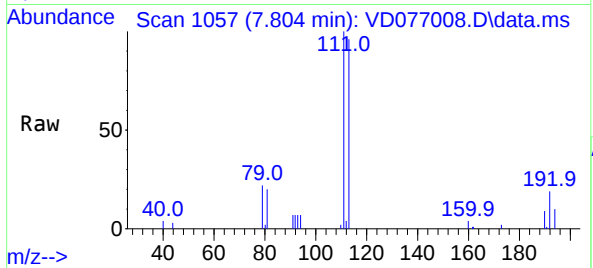




#35
Dibromofluoromethane
Concen: 65.900 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

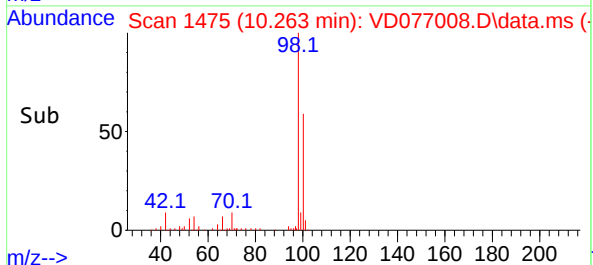
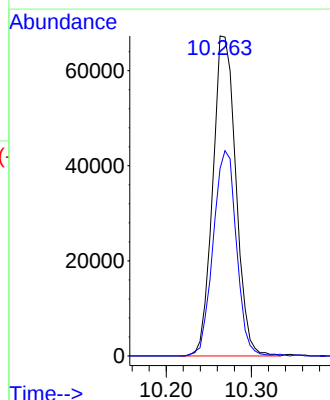
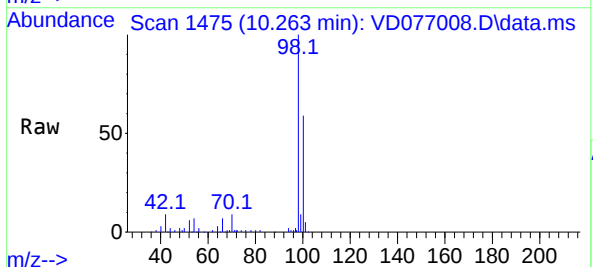
Instrument :
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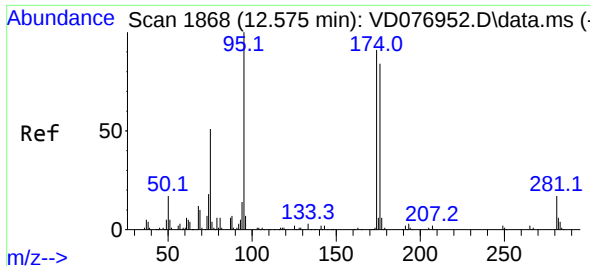
Tgt Ion:113 Resp: 40703
Ion Ratio Lower Upper
113 100
111 99.0 84.7 127.1
192 18.8 16.8 25.2



#50
Toluene-d8
Concen: 63.874 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Tgt Ion: 98 Resp: 126715
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

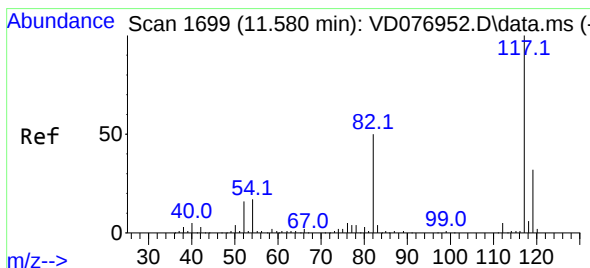
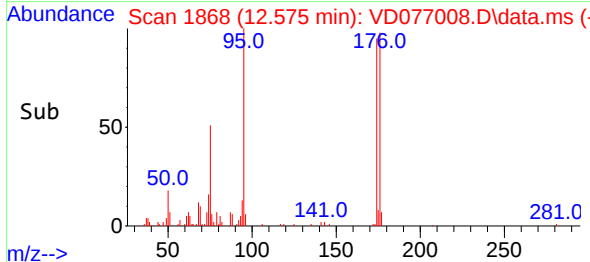
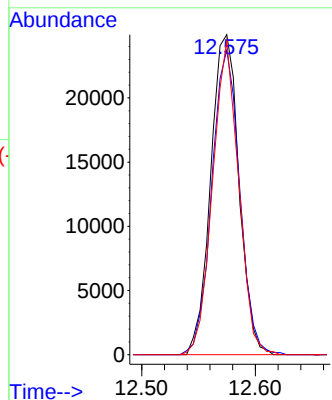
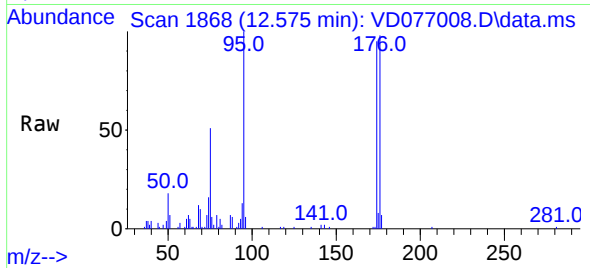




#62
4-Bromofluorobenzene
Concen: 62.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

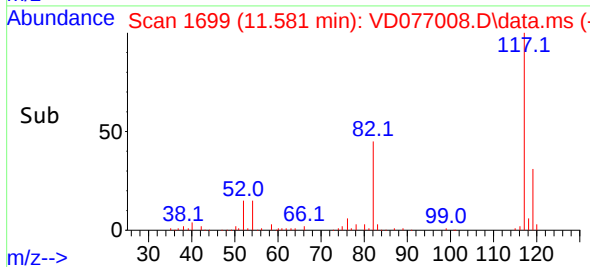
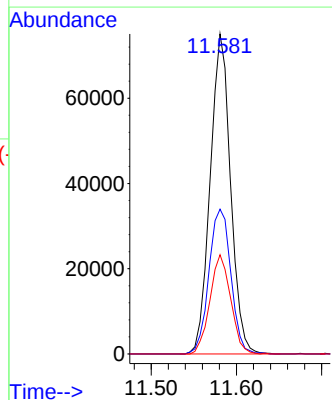
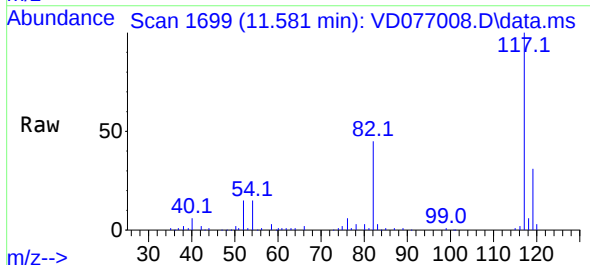
Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0

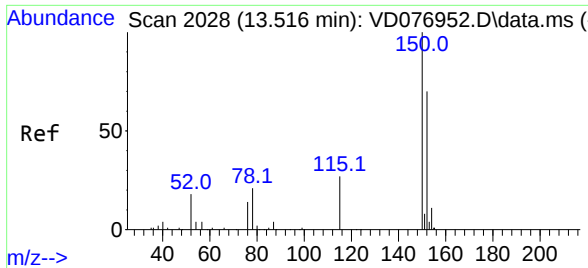
Tgt Ion: 95 Resp: 43081
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 90.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

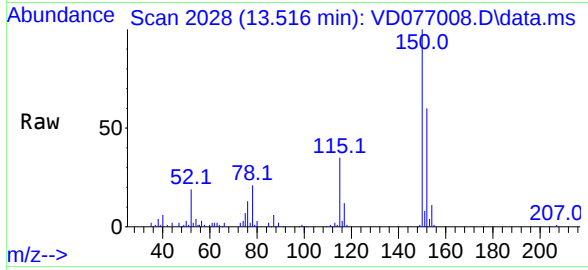
Tgt Ion: 117 Resp: 124694
Ion Ratio Lower Upper
117 100
82 45.2 38.3 57.5
119 31.0 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD077008.D
Acq: 14 Aug 2023 18:32

Instrument :
MSVOA_D
ClientSampleId :
SB-03-16.5-17.0



Tgt Ion:	152	Resp:	59599
Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.1	81.3
150	164.8	0.0	353.6

