

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074777.D
 Acq On : 08 Nov 2022 00:01
 Operator : VA/SY
 Sample : N5415-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-14

Quant Time: Nov 08 02:53:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

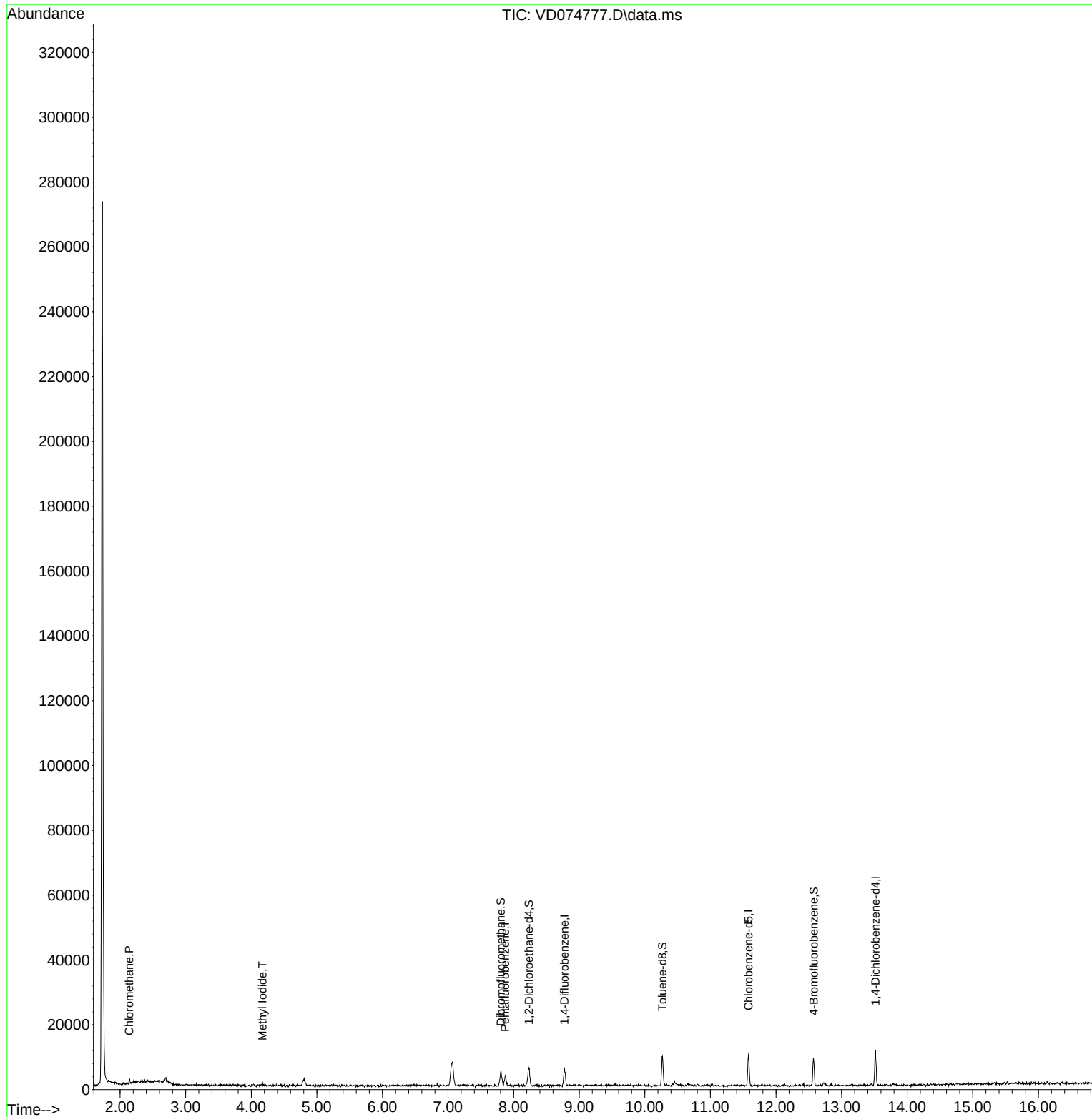
Internal Standards						
1) Pentafluorobenzene	7.869	168	3162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	6305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	4666	186.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	372.620%#
35) Dibromofluoromethane	7.805	113	3421	91.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	183.440%#
50) Toluene-d8	10.269	98	7278	53.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.575	95	3287	83.679	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	167.360%#
Target Compounds						
3) Chloromethane	2.140	50	652	15.733	ug/l	# 86
10) Methyl Iodide	4.169	142	596	17.735	ug/l	# 43

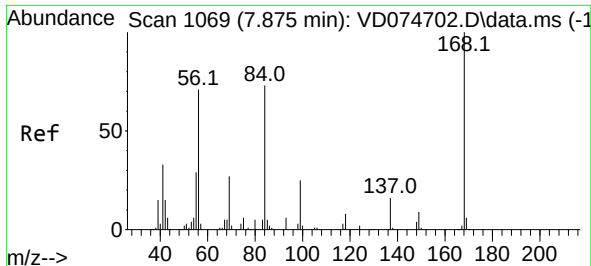
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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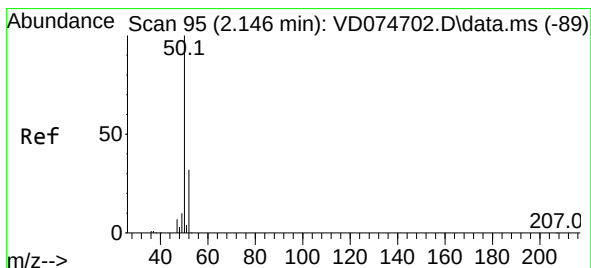
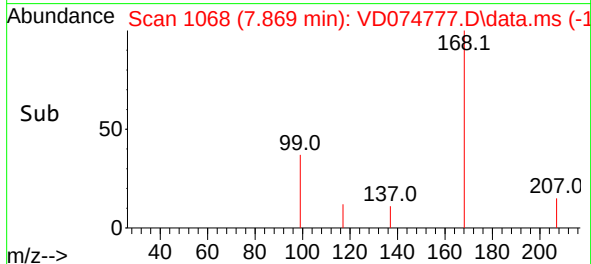
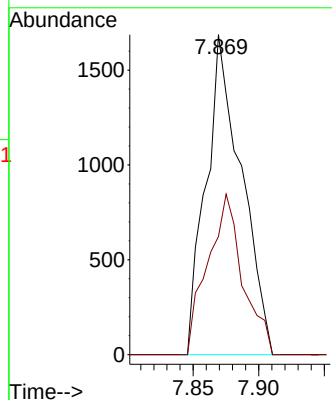
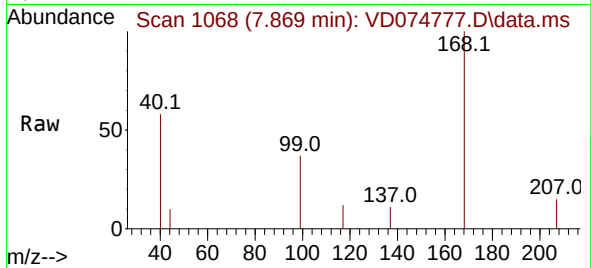




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD074777.D
Acq: 08 Nov 2022 00:01

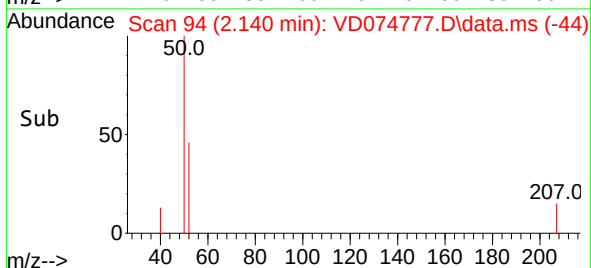
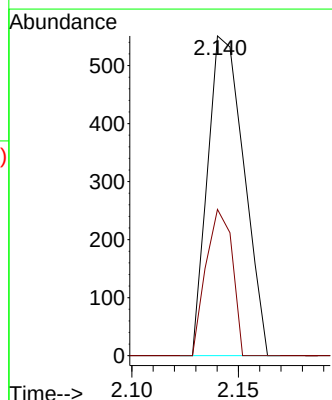
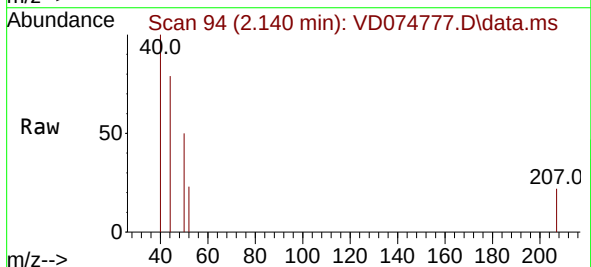
Instrument :
MSVOA_D
ClientSampleId :
R-14

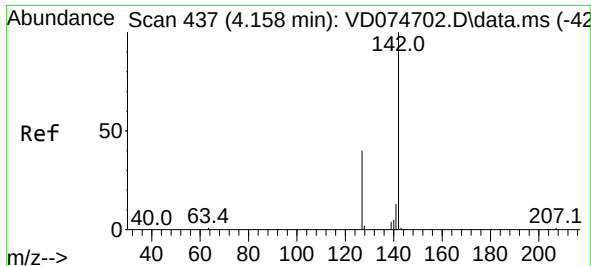
Tgt Ion:168 Resp: 3162
Ion Ratio Lower Upper
168 100
99 36.9 40.9 61.3#



#3
Chloromethane
Concen: 15.733 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074777.D
Acq: 08 Nov 2022 00:01

Tgt Ion: 50 Resp: 652
Ion Ratio Lower Upper
50 100
52 45.7 30.0 45.0#

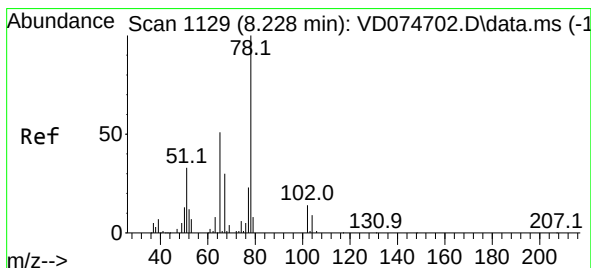
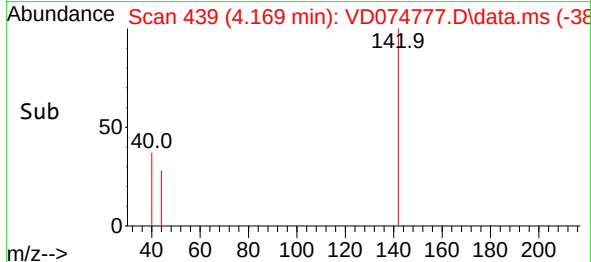
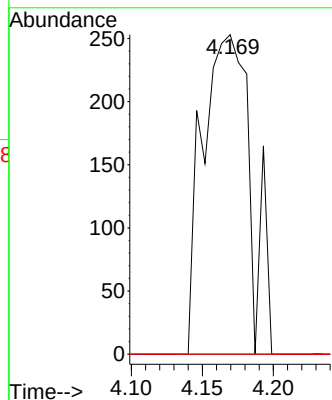
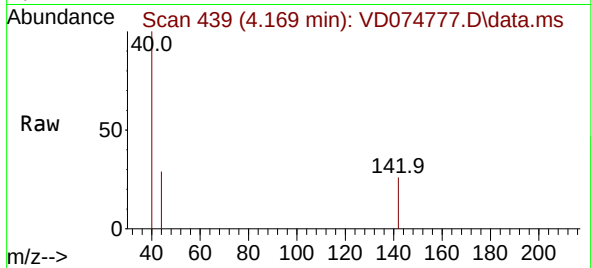




#10
Methyl Iodide
Concen: 17.735 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074777.D
Acq: 08 Nov 2022 00:01

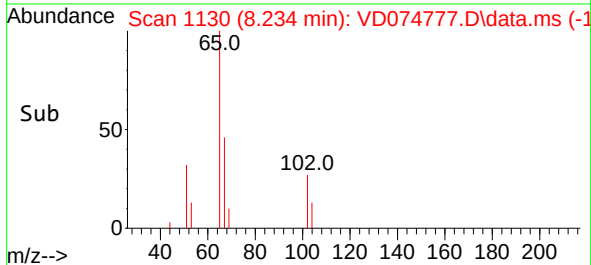
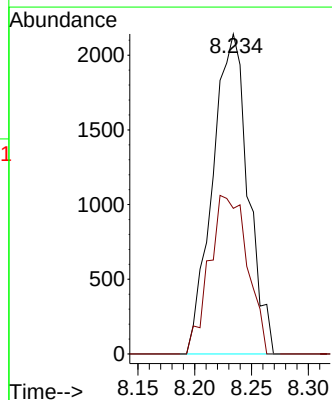
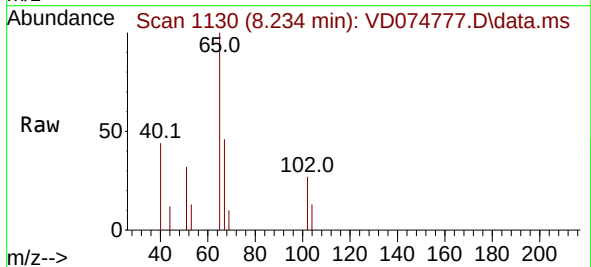
Instrument :
MSVOA_D
ClientSampleId :
R-14

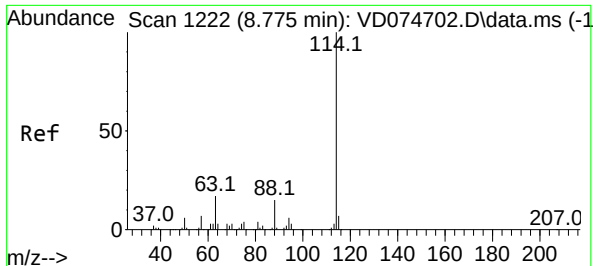
Tgt Ion:142 Resp: 596
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#33
1,2-Dichloroethane-d4
Concen: 186.315 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074777.D
Acq: 08 Nov 2022 00:01

Tgt Ion: 65 Resp: 4666
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074777.D

Acq: 08 Nov 2022 00:01

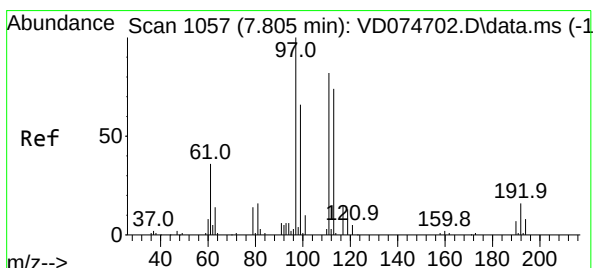
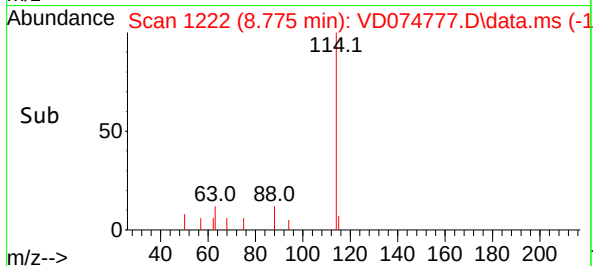
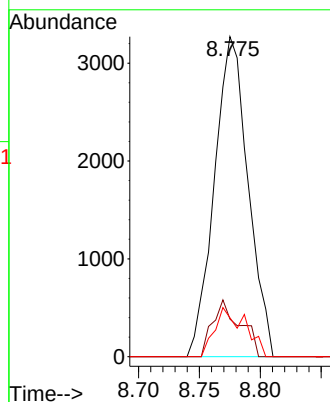
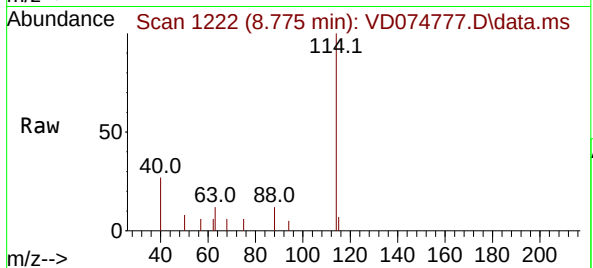
Instrument :

MSVOA_D

ClientSampleId :

R-14

Tgt Ion:114	Resp:	6305
Ion	Ratio	Lower Upper
114	100	
63	11.8	0.0 33.2
88	12.1	0.0 28.2



#35

Dibromofluoromethane

Concen: 91.724 ug/l

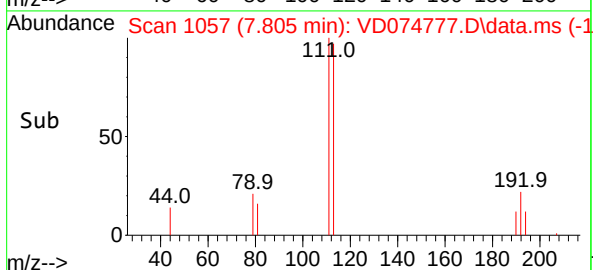
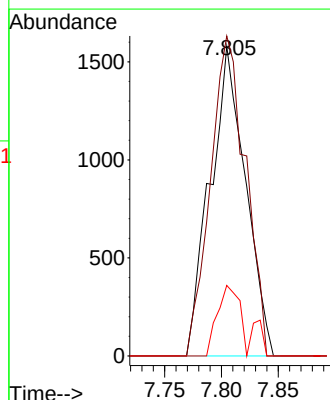
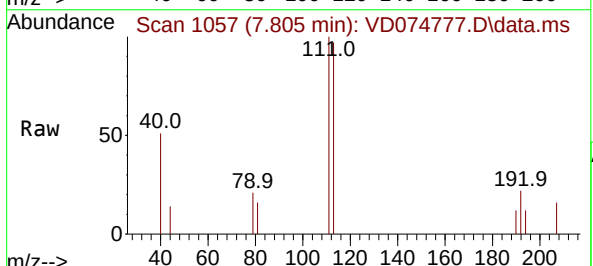
RT: 7.805 min Scan# 1057

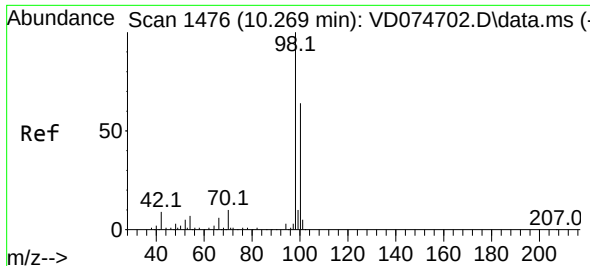
Delta R.T. -0.000 min

Lab File: VD074777.D

Acq: 08 Nov 2022 00:01

Tgt Ion:113	Resp:	3421
Ion	Ratio	Lower Upper
113	100	
111	102.7	82.3 123.5
192	14.2	16.4 24.6

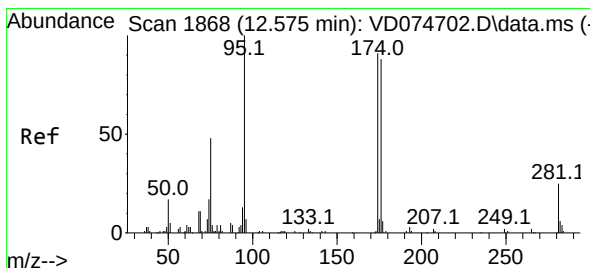
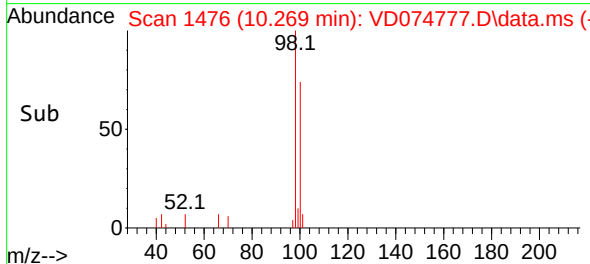
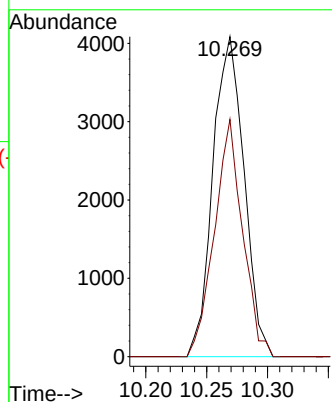
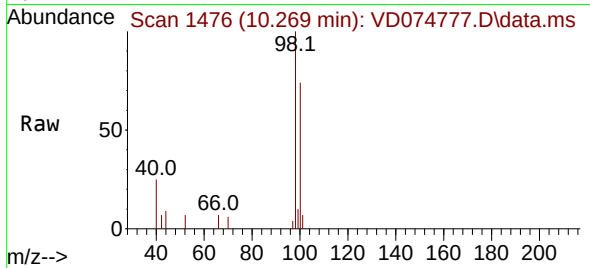




#50
Toluene-d8
Concen: 53.496 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074777.D
Acq: 08 Nov 2022 00:01

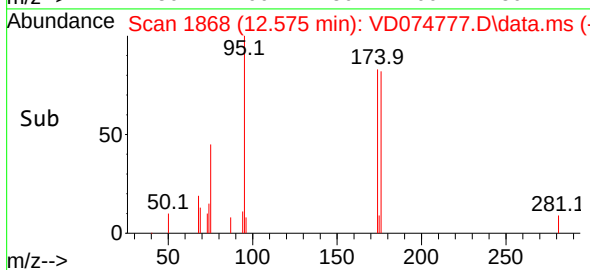
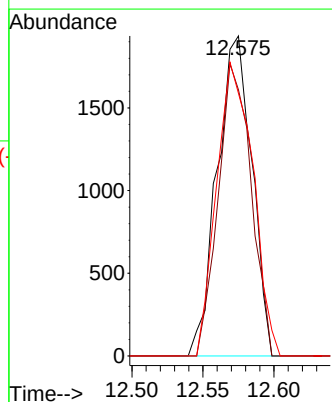
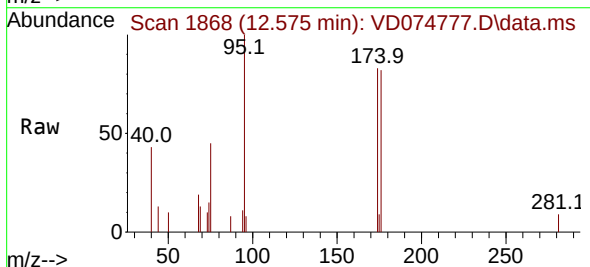
Instrument :
MSVOA_D
ClientSampleId :
R-14

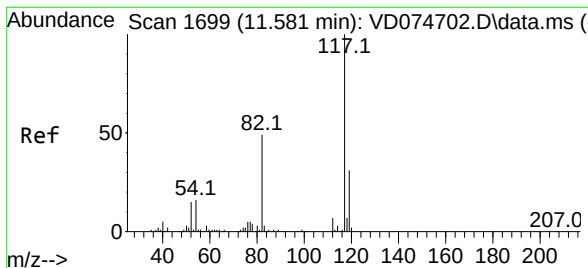
Tgt Ion: 98 Resp: 7278
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 83.679 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074777.D
Acq: 08 Nov 2022 00:01

Tgt Ion: 95 Resp: 3287
Ion Ratio Lower Upper
95 100
174 86.2 0.0 197.0
176 95.9 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074777.D

Acq: 08 Nov 2022 00:01

Instrument :

MSVOA_D

ClientSampleId :

R-14

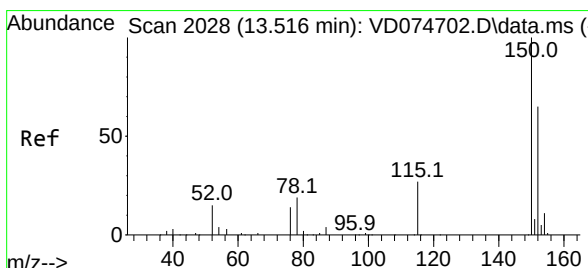
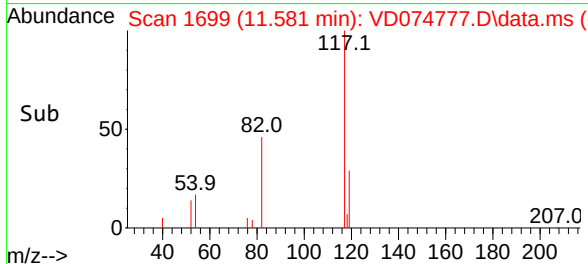
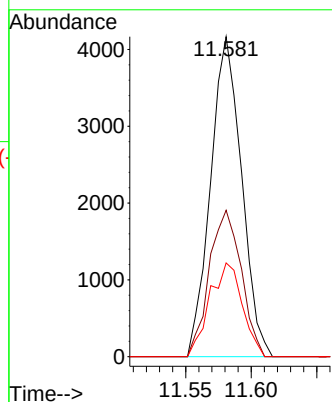
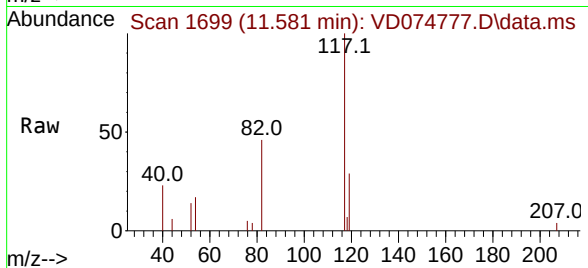
Tgt Ion:117 Resp: 6841

Ion Ratio Lower Upper

117 100

82 45.7 41.6 62.4

119 29.3 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD074777.D

Acq: 08 Nov 2022 00:01

Tgt Ion:152 Resp: 3412

Ion Ratio Lower Upper

152 100

115 55.8 26.8 80.4

150 172.2 0.0 348.2

