

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
 Data File : VD074695.D
 Acq On : 31 Oct 2022 18:27
 Operator : VA/SY
 Sample : N5341-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Nov 01 01:35:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

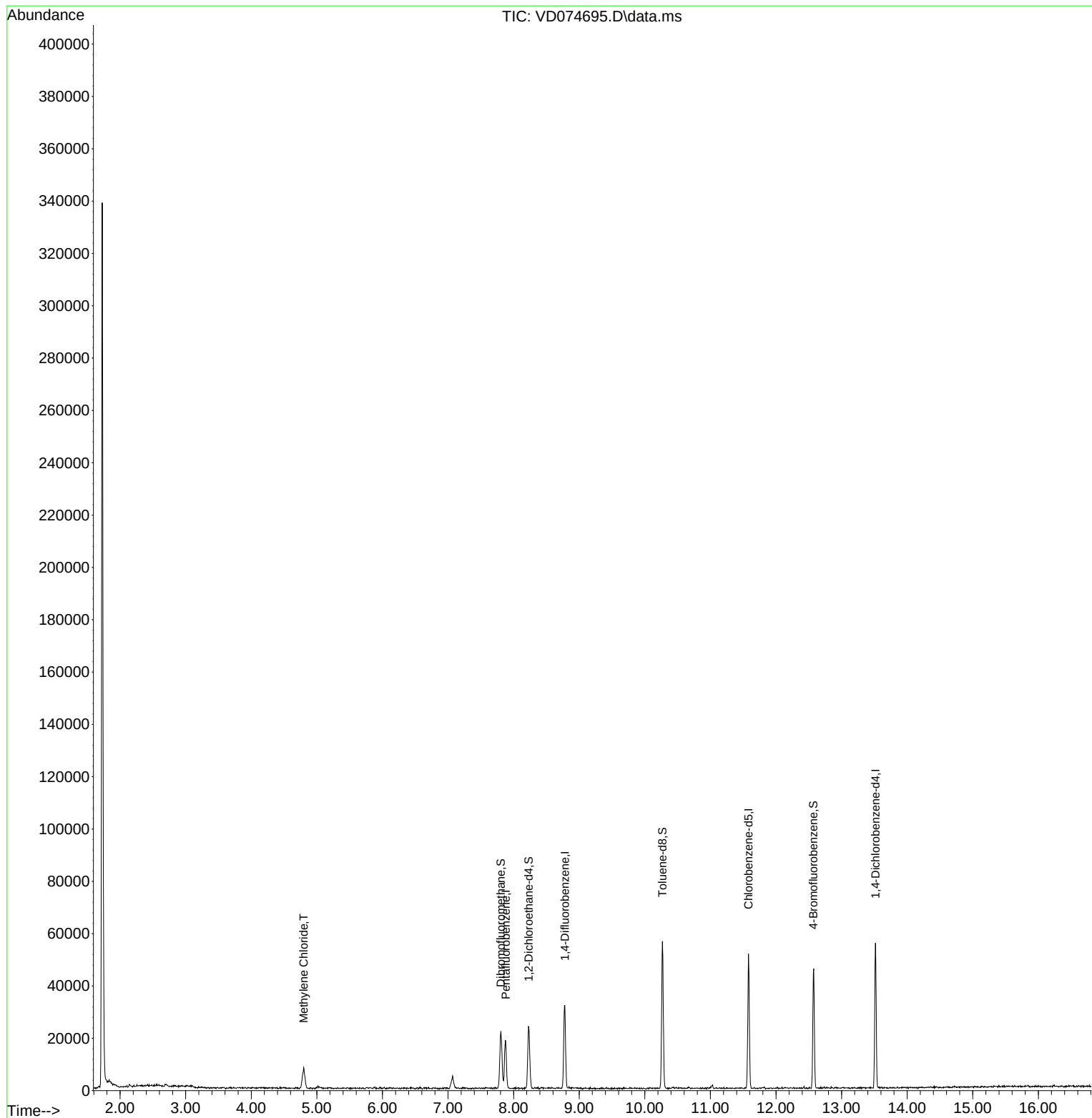
Internal Standards						
1) Pentafluorobenzene	7.881	168	16194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	32321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	18183	133.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 266.060%#	
35) Dibromofluoromethane	7.805	113	16161	81.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 163.780%#	
50) Toluene-d8	10.269	98	41000	54.020	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.040%	
62) 4-Bromofluorobenzene	12.569	95	15284	73.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 146.640%#	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	6354	22.054	ug/l	# 84

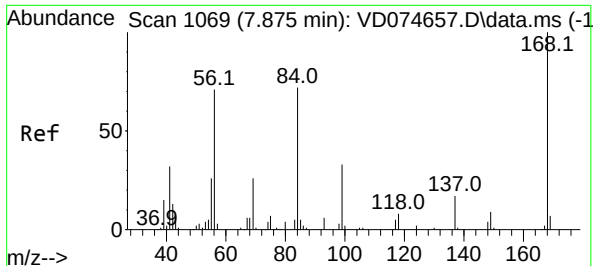
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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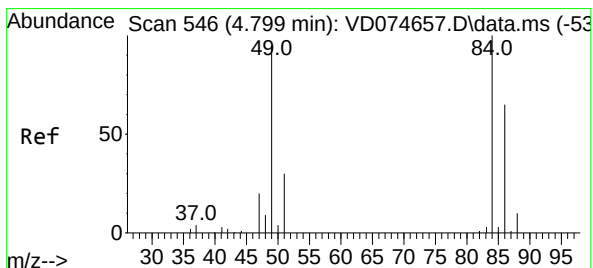
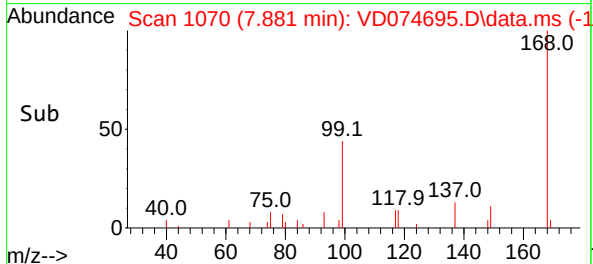
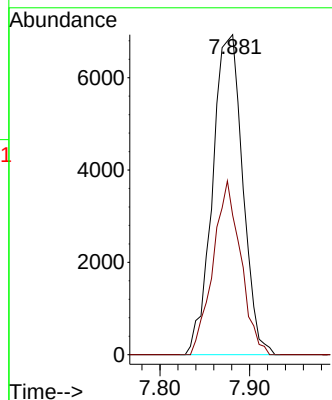
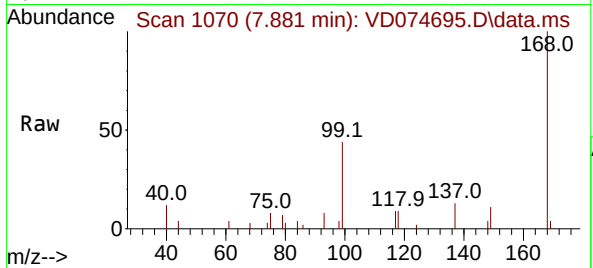




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074695.D
Acq: 31 Oct 2022 18:27

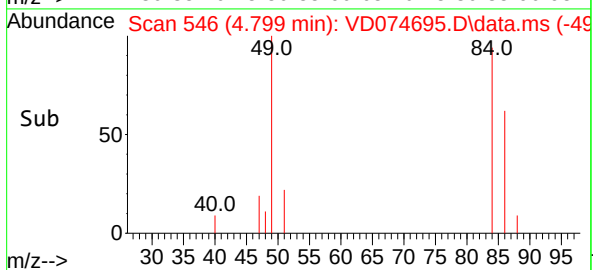
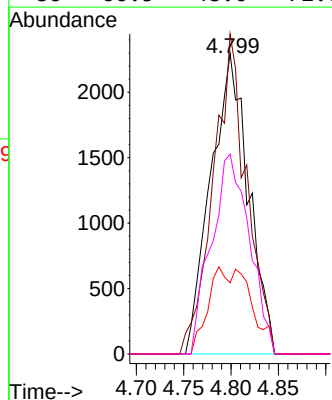
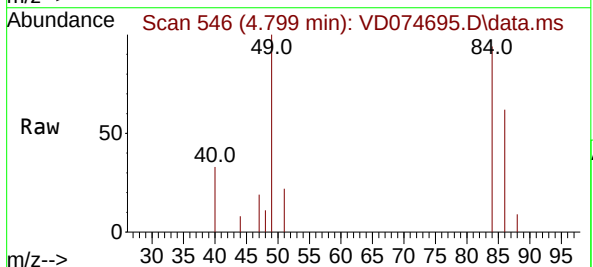
Instrument :
MSVOA_D
ClientSampleId :
WC-1

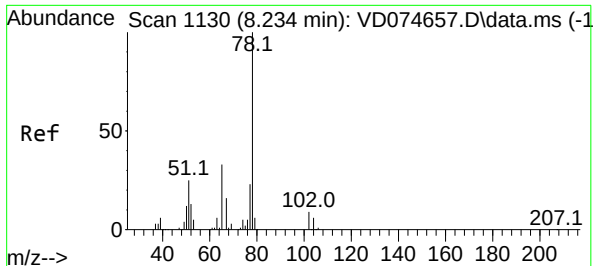
Tgt Ion:168 Resp: 16194
Ion Ratio Lower Upper
168 100
99 43.5 40.9 61.3



#20
Methylene Chloride
Concen: 22.054 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074695.D
Acq: 31 Oct 2022 18:27

Tgt Ion: 84 Resp: 6354
Ion Ratio Lower Upper
84 100
49 106.5 68.0 102.0#
51 23.7 23.2 34.8
86 66.5 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 133.033 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074695.D

Acq: 31 Oct 2022 18:27

Instrument :

MSVOA_D

ClientSampleId :

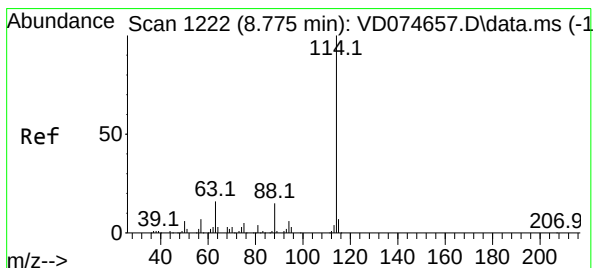
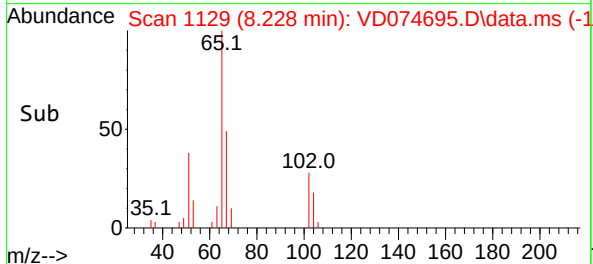
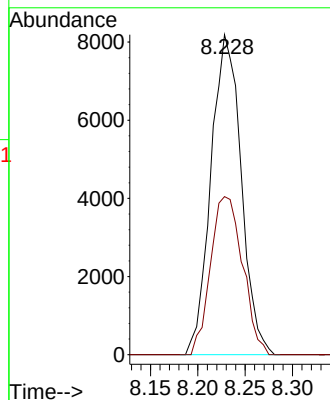
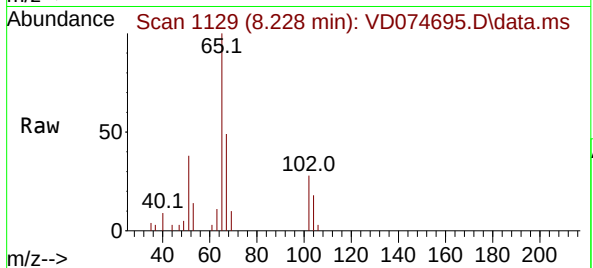
WC-1

Tgt Ion: 65 Resp: 18183

Ion Ratio Lower Upper

65 100

67 52.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074695.D

Acq: 31 Oct 2022 18:27

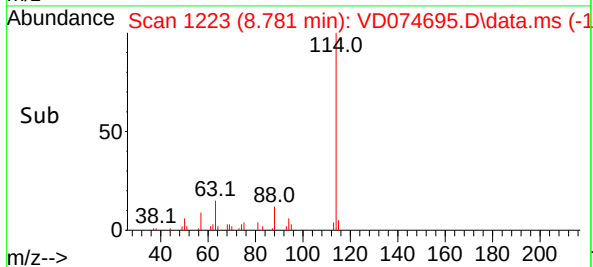
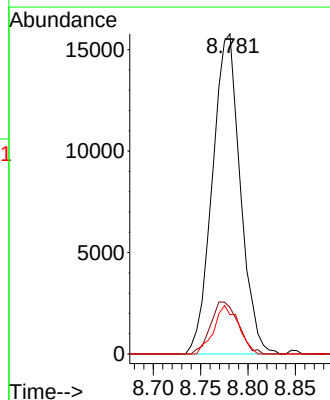
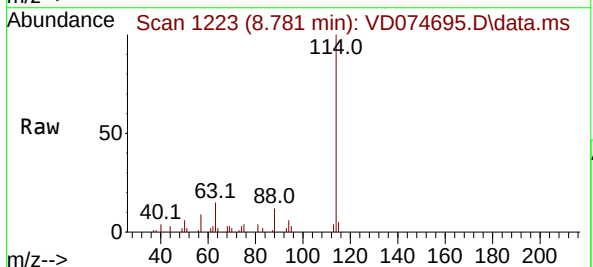
Tgt Ion: 114 Resp: 32321

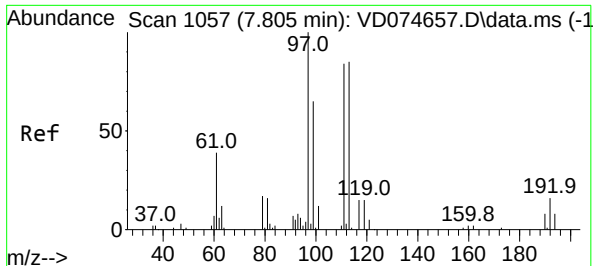
Ion Ratio Lower Upper

114 100

63 14.5 0.0 33.2

88 12.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 81.886 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074695.D

Acq: 31 Oct 2022 18:27

Instrument :

MSVOA_D

ClientSampleId :

WC-1

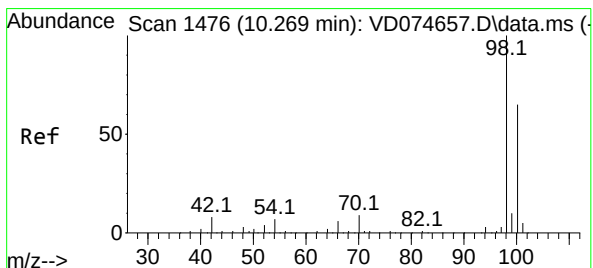
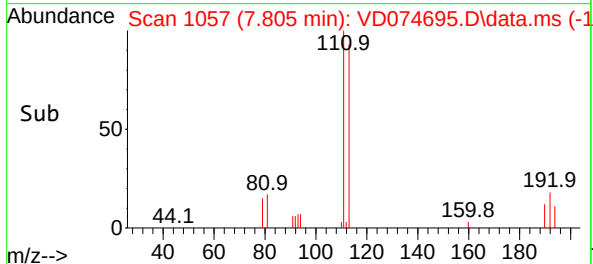
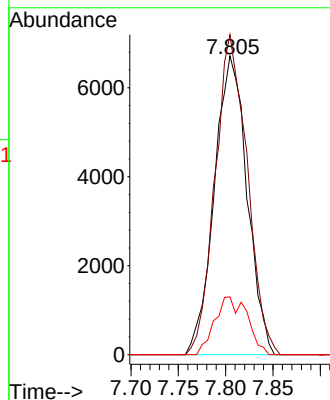
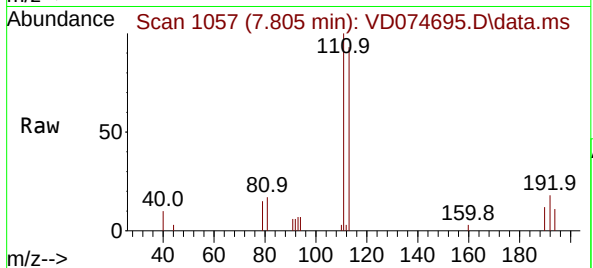
Tgt Ion:113 Resp: 16161

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 19.2 16.4 24.6



#50

Toluene-d8

Concen: 54.020 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074695.D

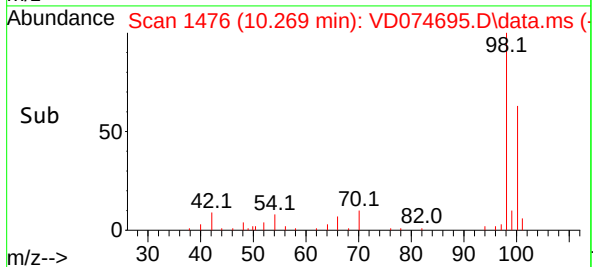
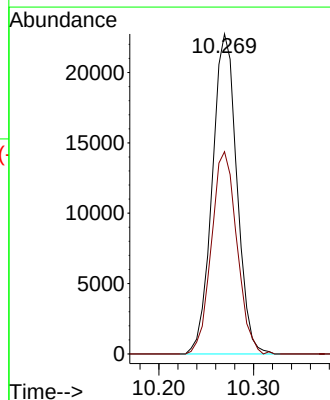
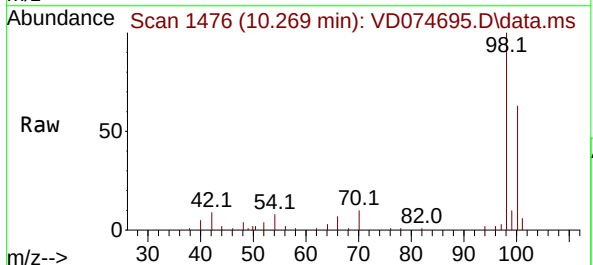
Acq: 31 Oct 2022 18:27

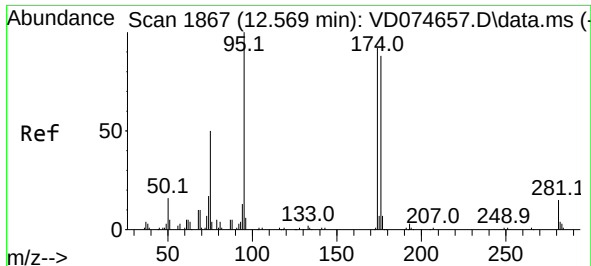
Tgt Ion: 98 Resp: 41000

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

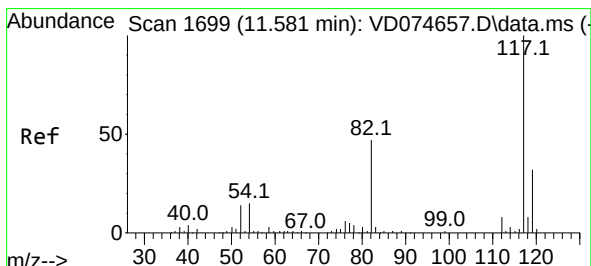
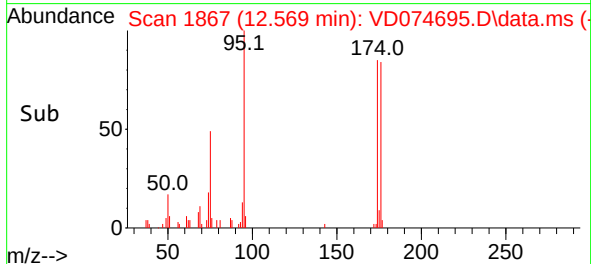
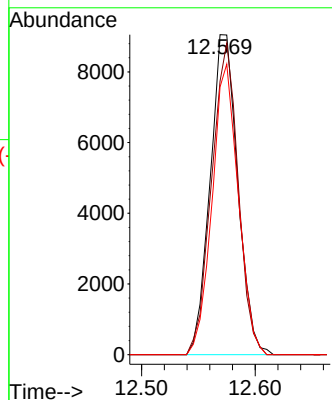
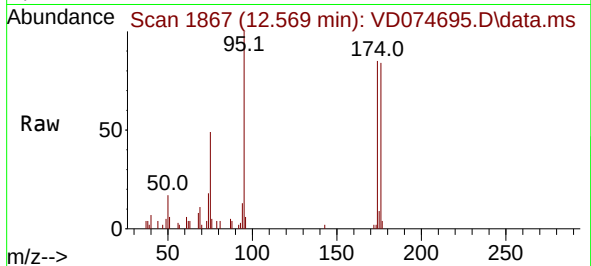




#62
4-Bromofluorobenzene
Concen: 73.324 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074695.D
Acq: 31 Oct 2022 18:27

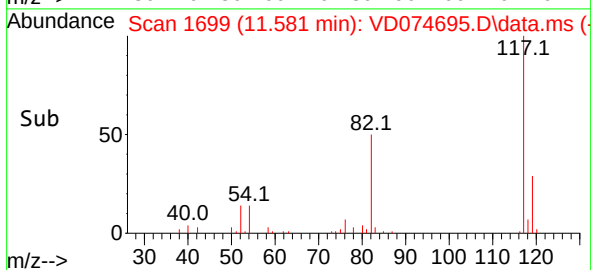
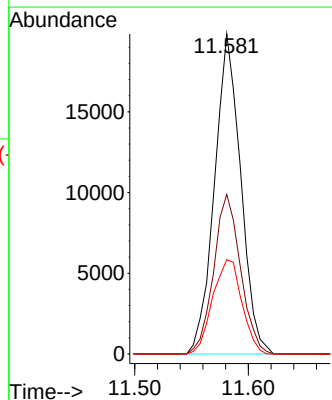
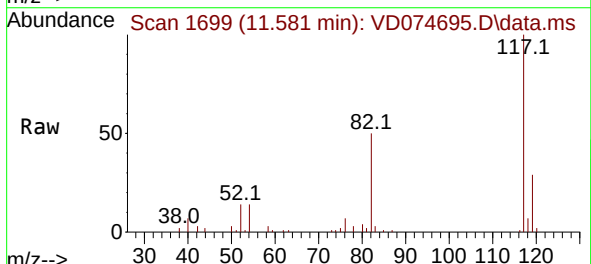
Instrument :
MSVOA_D
ClientSampleId :
WC-1

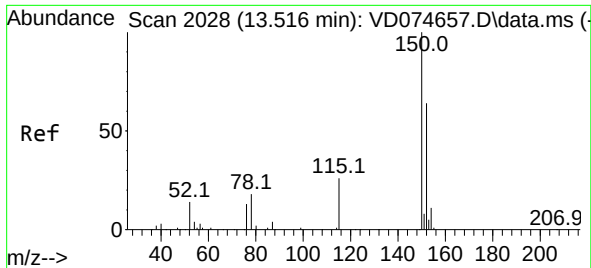
Tgt Ion:	95	Resp:	15284
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	197.0
176	86.2	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074695.D
Acq: 31 Oct 2022 18:27

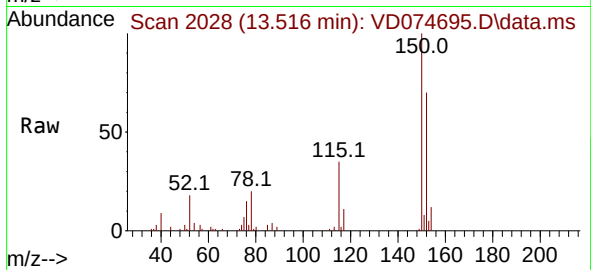
Tgt Ion:	117	Resp:	31788
Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.6	62.4
119	29.5	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074695.D
 Acq: 31 Oct 2022 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.8	80.4
150	162.4	0.0	348.2

