

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074766.D
 Acq On : 07 Nov 2022 17:29
 Operator : VA/SY
 Sample : N5494-13
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23

Quant Time: Nov 08 00:22:31 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)

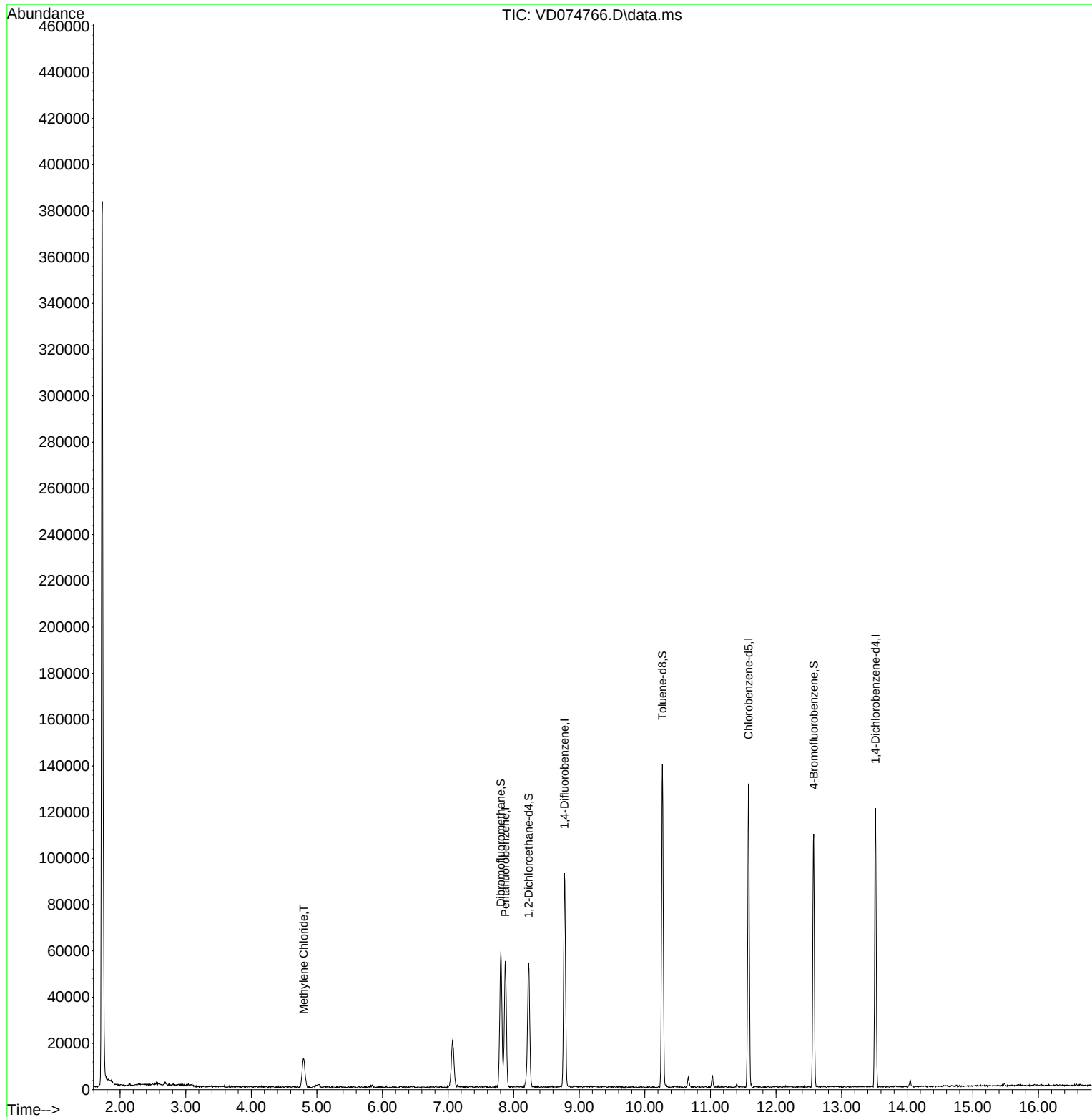
Internal Standards						
1) Pentafluorobenzene	7.875	168	45715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	89909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	79524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	34703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42012	116.032	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	232.060%#	
35) Dibromofluoromethane	7.805	113	43169	81.168	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	162.340%#	
50) Toluene-d8	10.269	98	103325	53.260	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	106.520%	
62) 4-Bromofluorobenzene	12.575	95	33198	59.267	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	118.540%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	10793	7.245	ug/l #	83

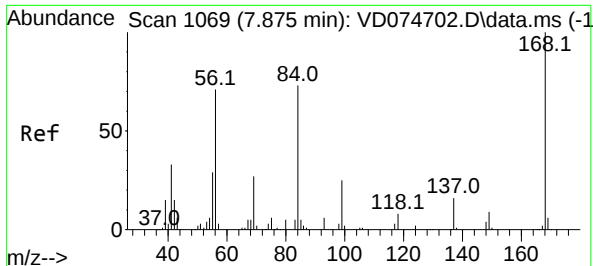
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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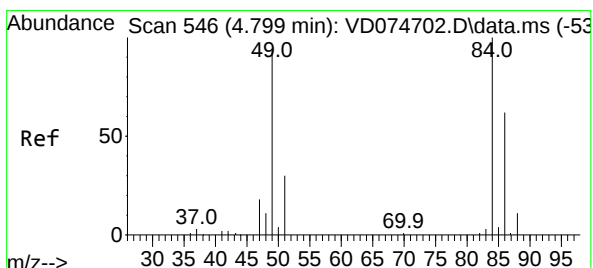
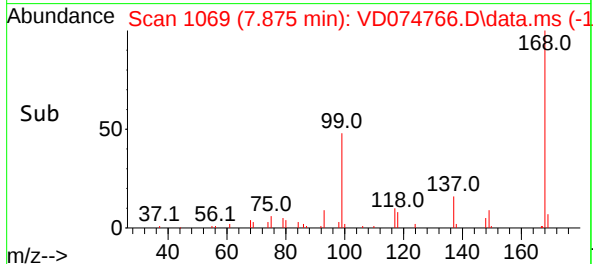
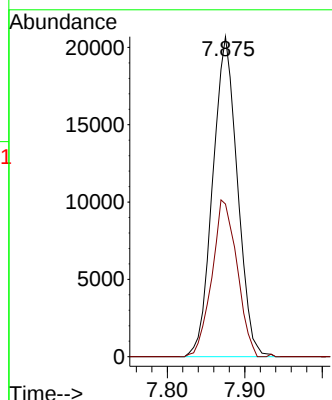
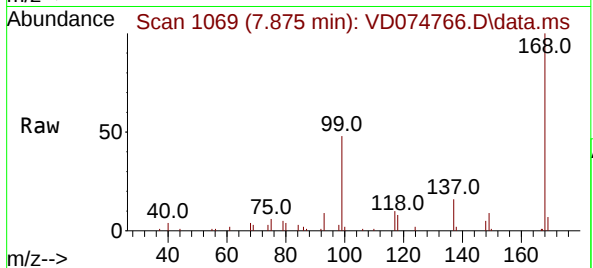




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

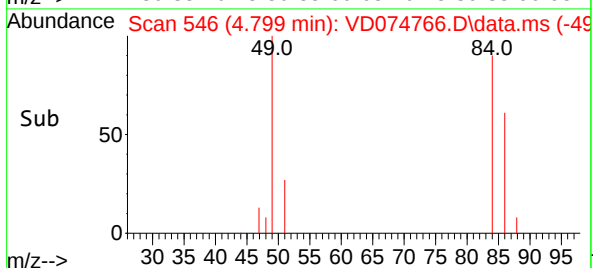
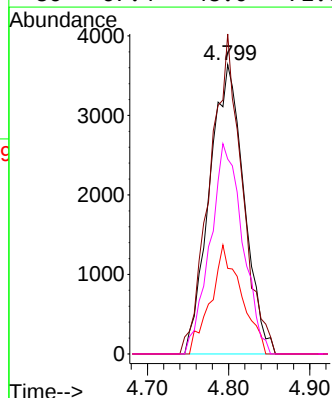
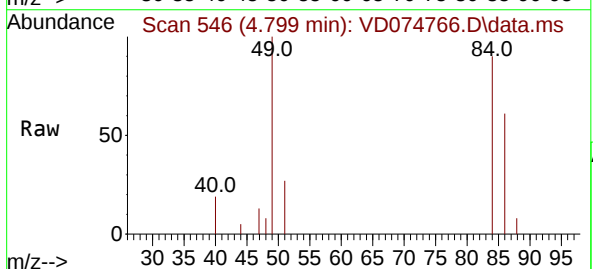
Instrument :
MSVOA_D
ClientSampleId :
SB-23

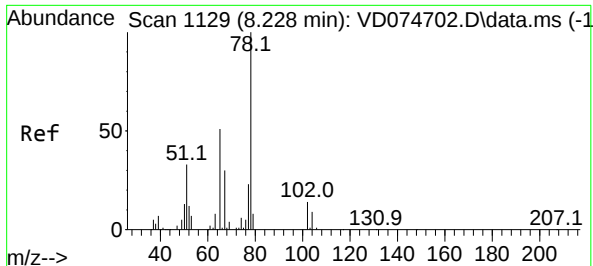
Tgt Ion:168 Resp: 45715
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#20
Methylene Chloride
Concen: 7.245 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

Tgt Ion: 84 Resp: 10793
Ion Ratio Lower Upper
84 100
49 110.6 68.0 102.0#
51 29.6 23.2 34.8
86 67.4 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 116.032 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

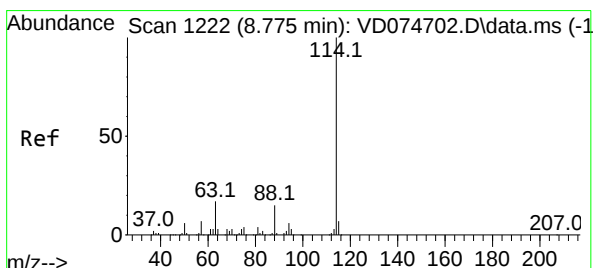
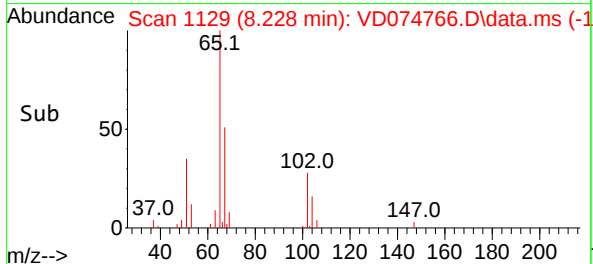
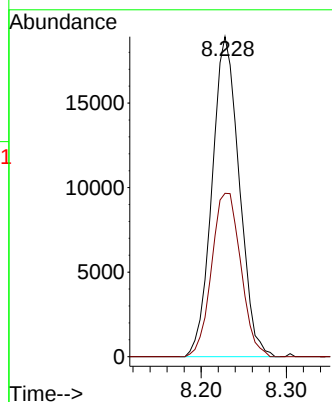
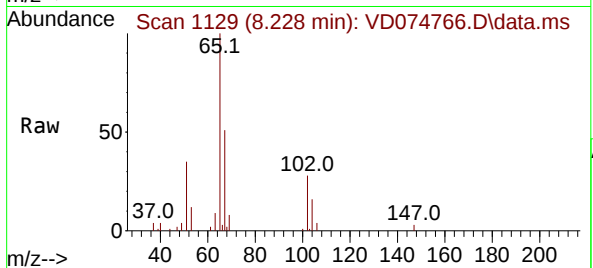
SB-23

Tgt Ion: 65 Resp: 42012

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

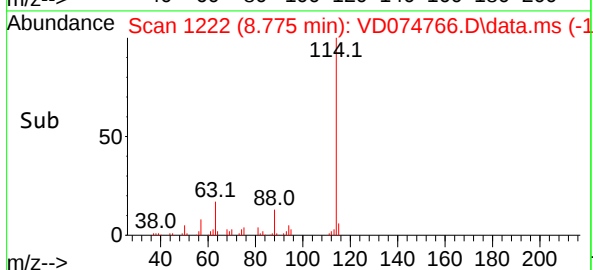
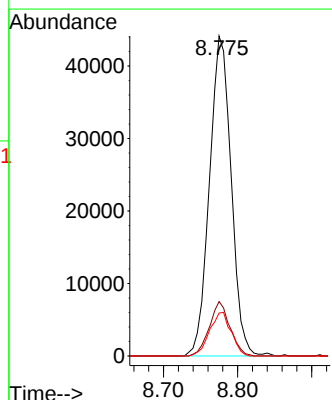
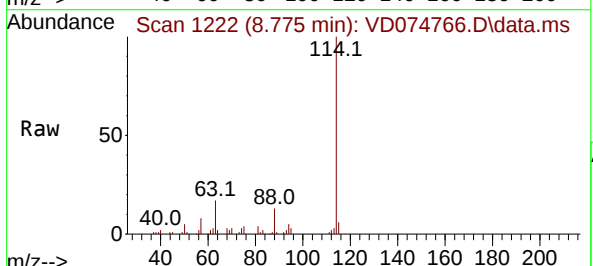
Tgt Ion: 114 Resp: 89909

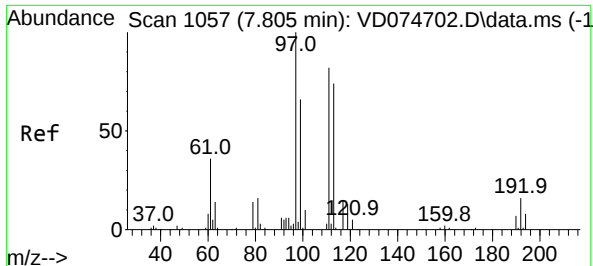
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 13.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 81.168 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074766.D

Acq: 07 Nov 2022 17:29

Instrument :

MSVOA_D

ClientSampleId :

SB-23

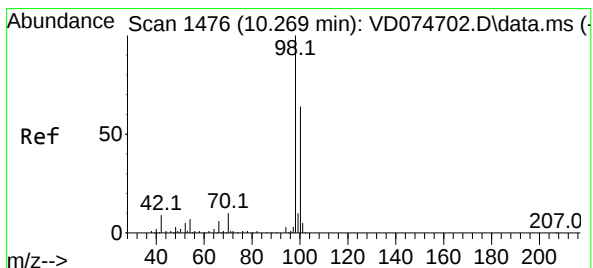
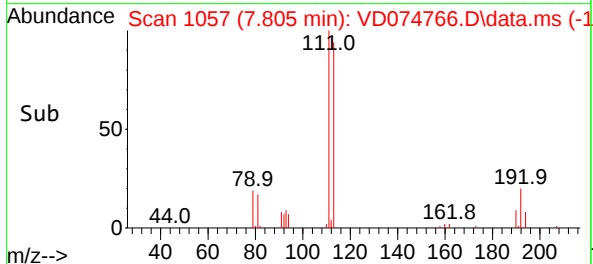
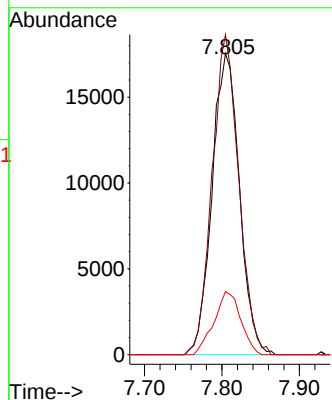
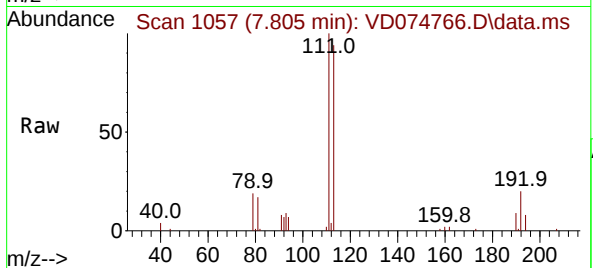
Tgt Ion:113 Resp: 43169

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 20.4 16.4 24.6



#50

Toluene-d8

Concen: 53.260 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074766.D

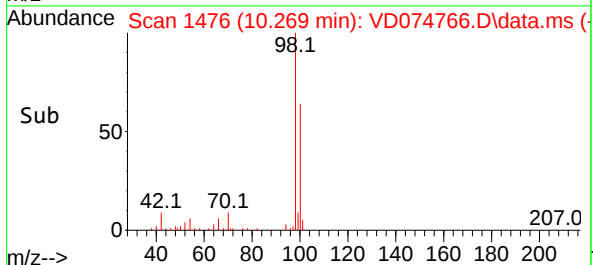
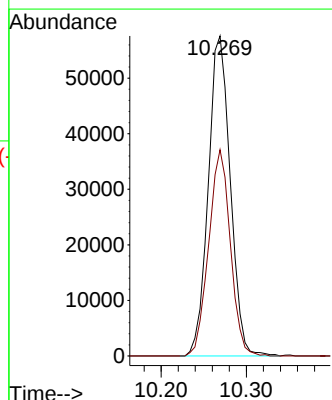
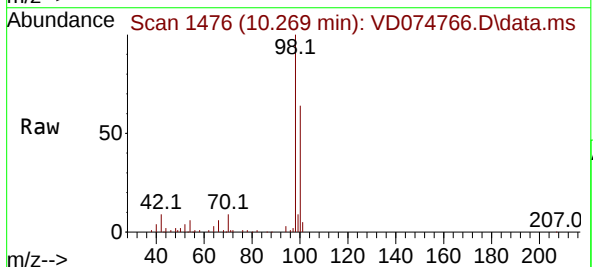
Acq: 07 Nov 2022 17:29

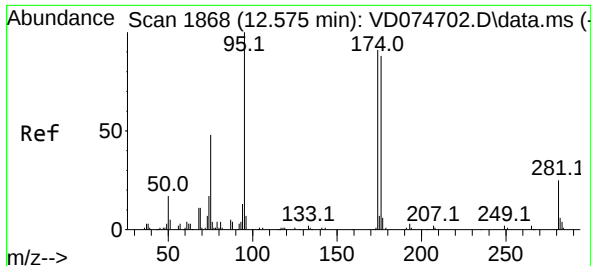
Tgt Ion: 98 Resp: 103325

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0

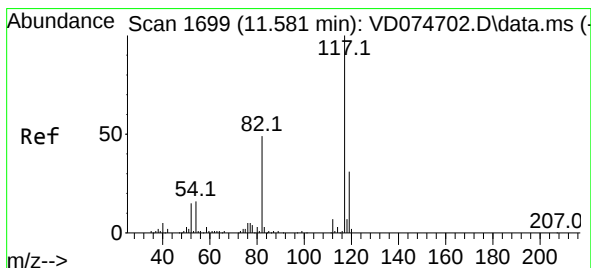
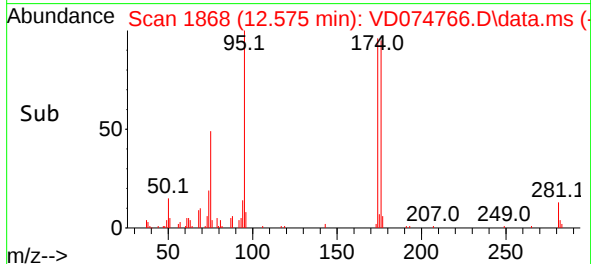
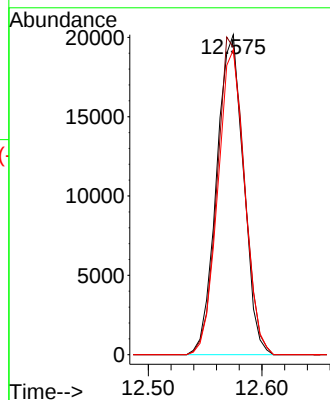
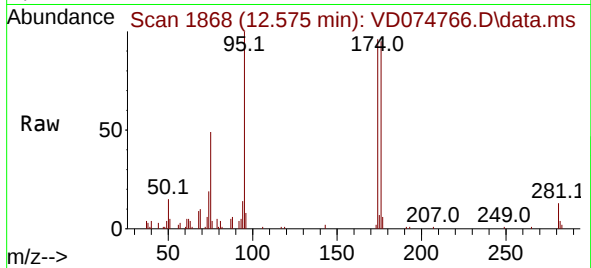




#62
4-Bromofluorobenzene
Concen: 59.267 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

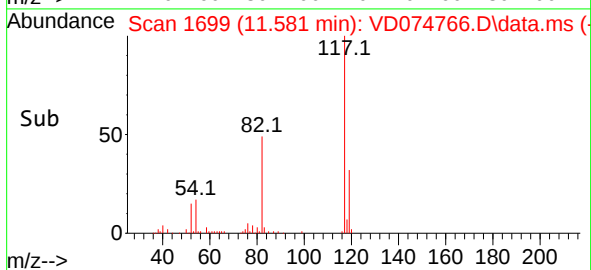
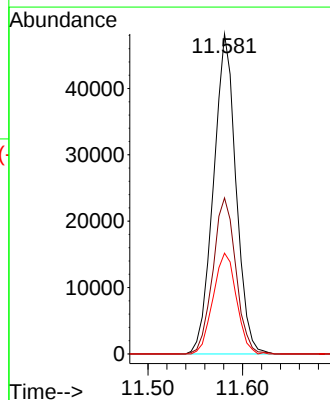
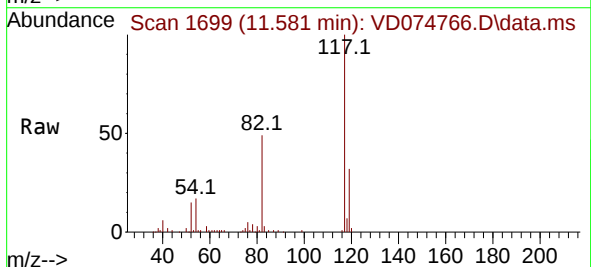
Instrument :
MSVOA_D
ClientSampleId :
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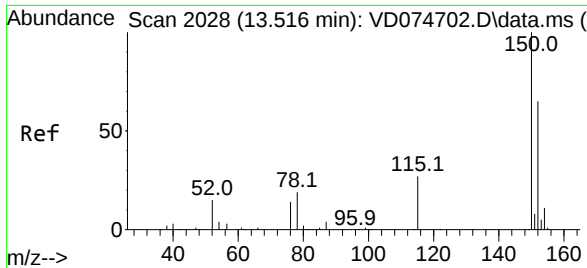
Tgt Ion: 95 Resp: 33198
Ion Ratio Lower Upper
95 100
174 99.9 0.0 197.0
176 95.0 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074766.D
Acq: 07 Nov 2022 17:29

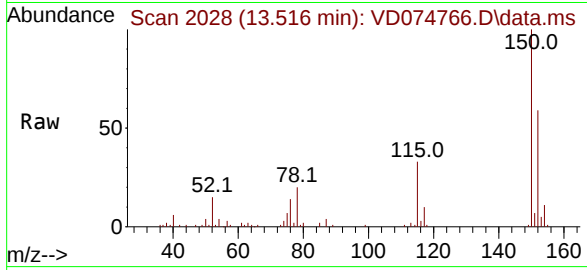
Tgt Ion: 117 Resp: 79524
Ion Ratio Lower Upper
117 100
82 48.8 41.6 62.4
119 31.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074766.D
 Acq: 07 Nov 2022 17:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23



Tgt Ion:	152	Resp:	34703
Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.8	80.4
150	164.2	0.0	348.2

