

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074356.D
 Acq On : 19 Sep 2022 19:55
 Operator : VA/SY
 Sample : N4656-31
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-4

Quant Time: Sep 19 23:03:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

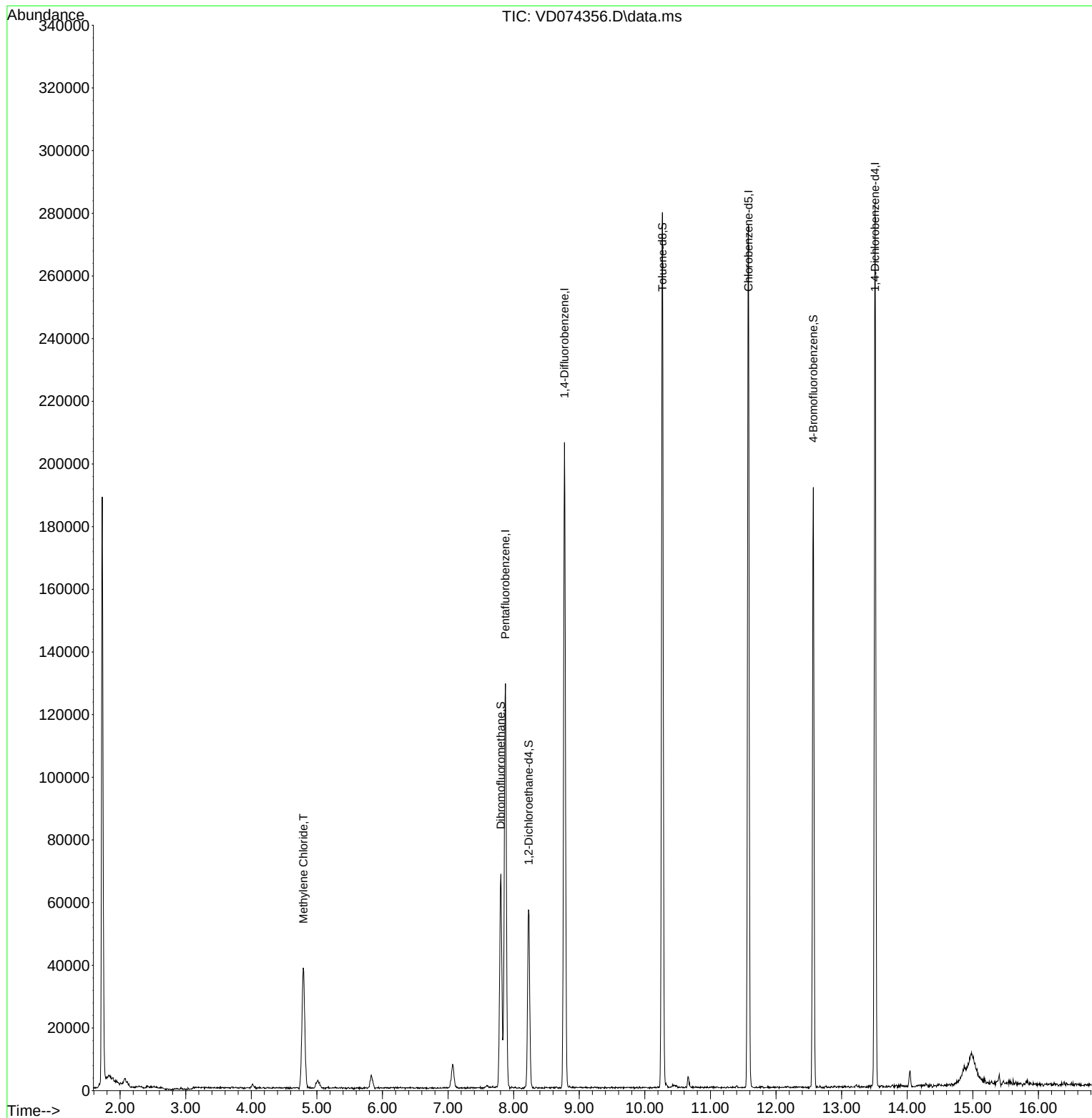
Internal Standards						
1) Pentafluorobenzene	7.875	168	103047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	161174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	75508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44645	44.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.960%
35) Dibromofluoromethane	7.804	113	49215	40.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.980%
50) Toluene-d8	10.269	98	196111	47.335	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.569	95	55965	38.550	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.100%
Target Compounds						
20) Methylene Chloride	4.793	84	29249	14.461	ug/l	Qvalue 93

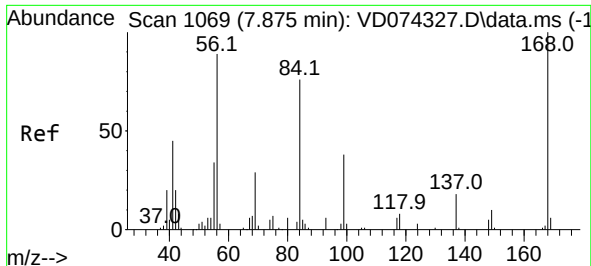
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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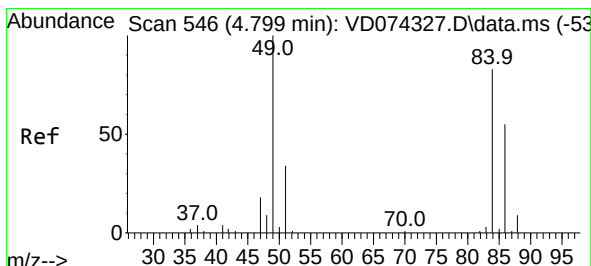
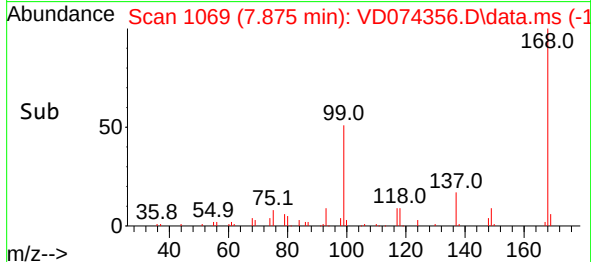
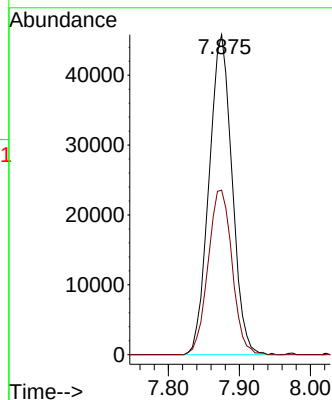
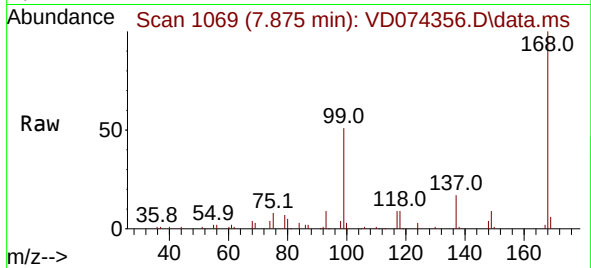




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074356.D
Acq: 19 Sep 2022 19:55

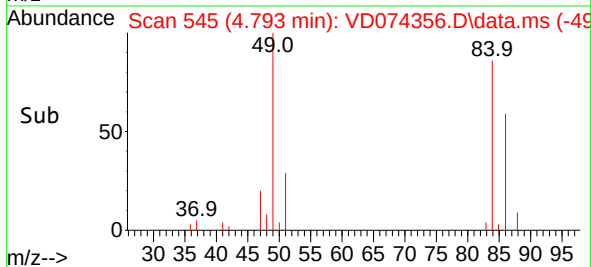
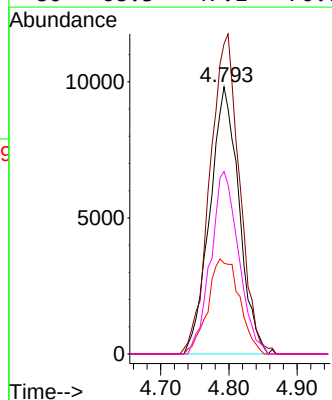
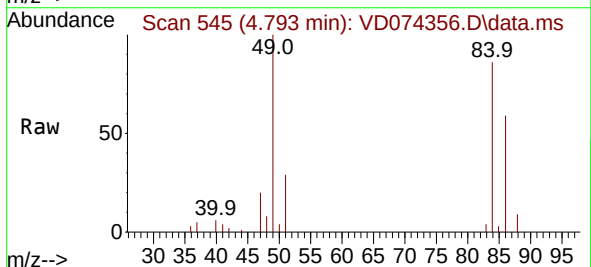
Instrument :
MSVOA_D
ClientSampleId :
SP-4

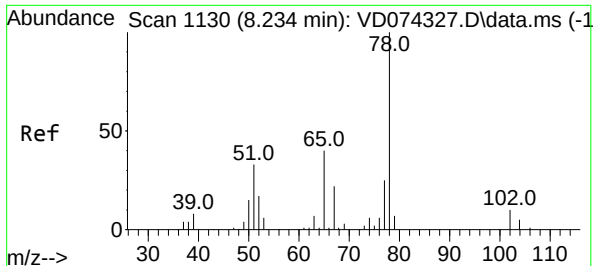
Tgt Ion:168 Resp: 103047
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.6



#20
Methylene Chloride
Concen: 14.461 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074356.D
Acq: 19 Sep 2022 19:55

Tgt Ion: 84 Resp: 29249
Ion Ratio Lower Upper
84 100
49 116.2 88.4 132.6
51 34.1 28.0 42.0
86 68.3 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 44.481 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074356.D

Acq: 19 Sep 2022 19:55

Instrument :

MSVOA_D

ClientSampleId :

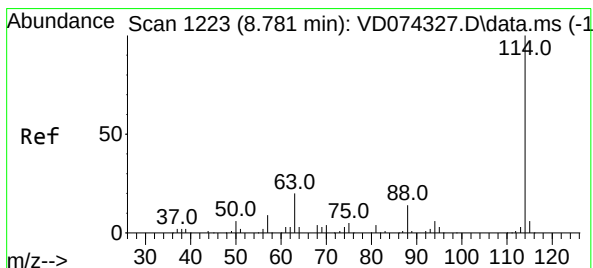
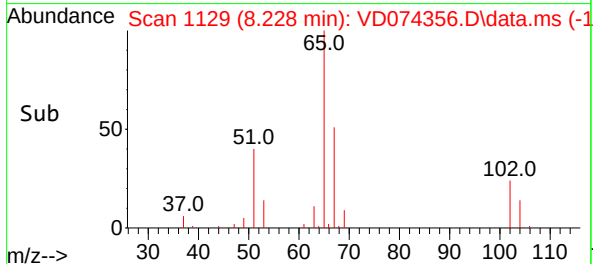
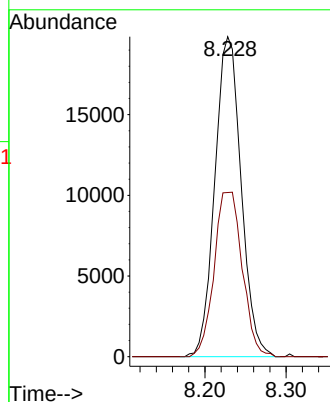
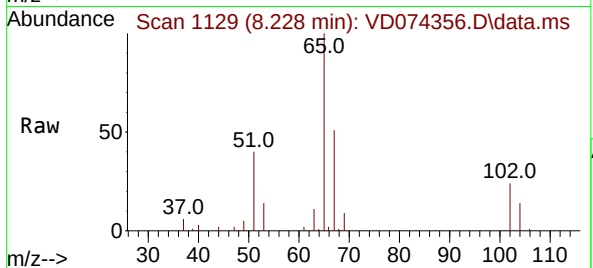
SP-4

Tgt Ion: 65 Resp: 44645

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074356.D

Acq: 19 Sep 2022 19:55

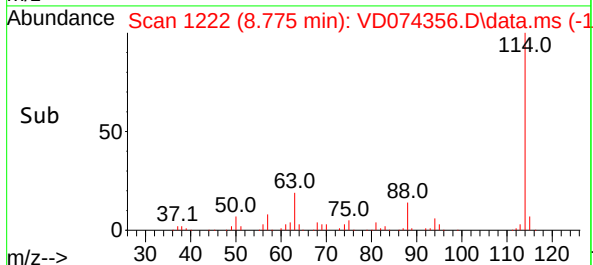
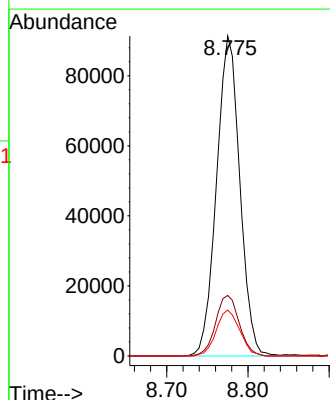
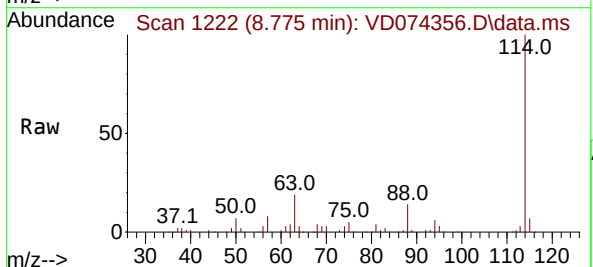
Tgt Ion: 114 Resp: 182310

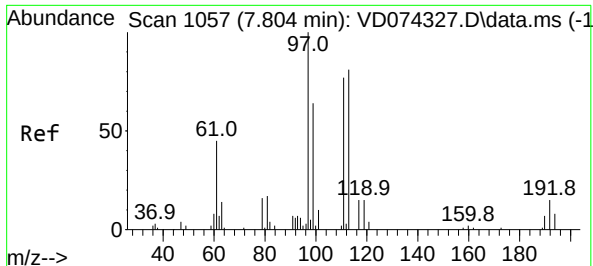
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 14.4 0.0 28.4





#35

Dibromofluoromethane

Concen: 40.988 ug/l

RT: 7.804 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD074356.D

Acq: 19 Sep 2022 19:55

Instrument :

MSVOA_D

ClientSampleId :

SP-4

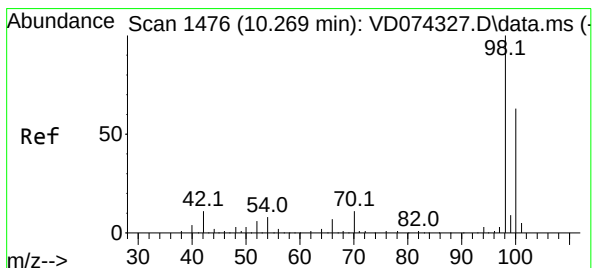
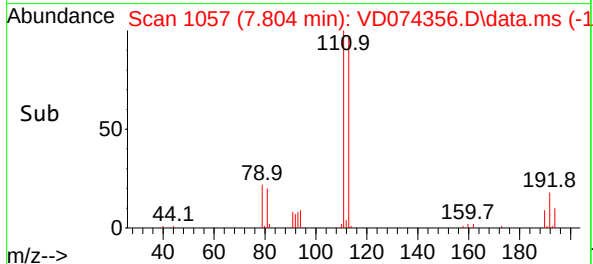
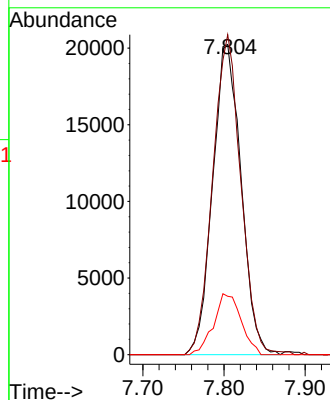
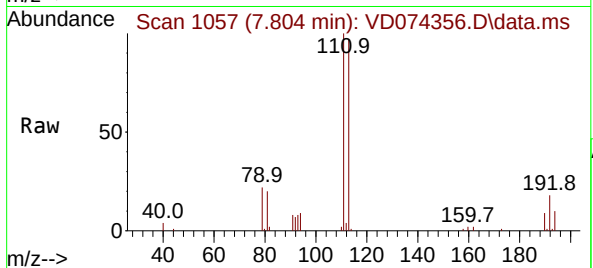
Tgt Ion:113 Resp: 49215

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

192 19.0 16.2 24.2



#50

Toluene-d8

Concen: 47.335 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074356.D

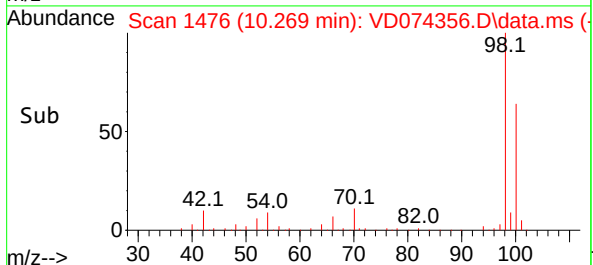
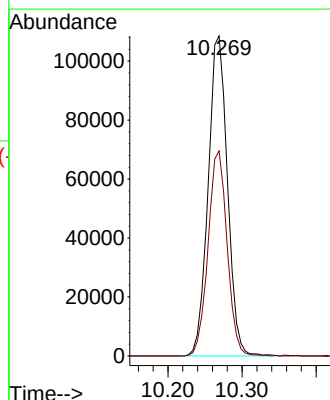
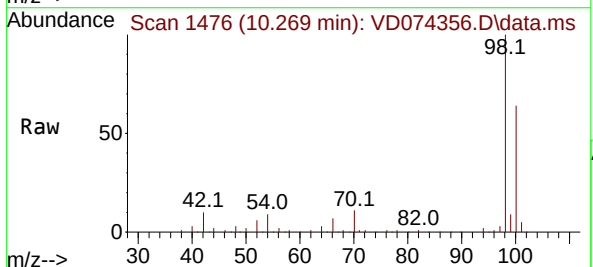
Acq: 19 Sep 2022 19:55

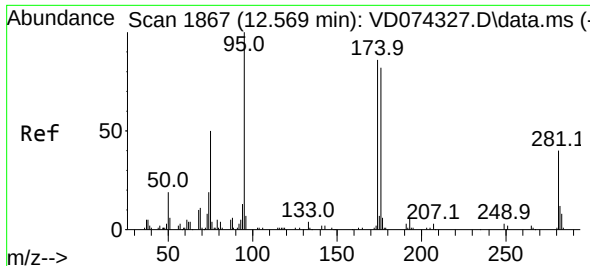
Tgt Ion: 98 Resp: 196111

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8

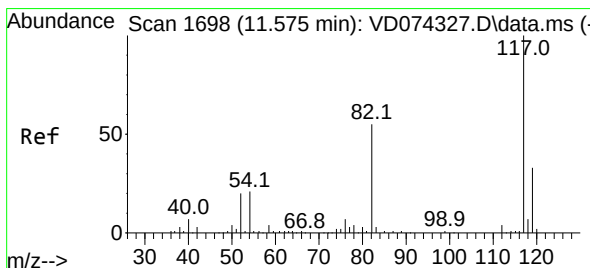
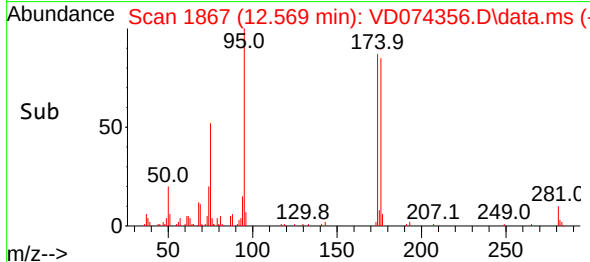
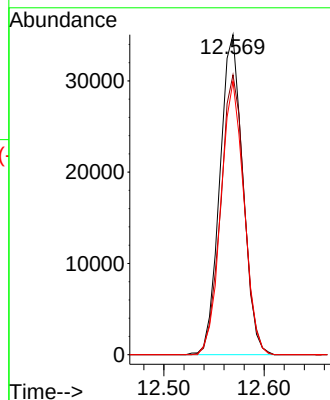
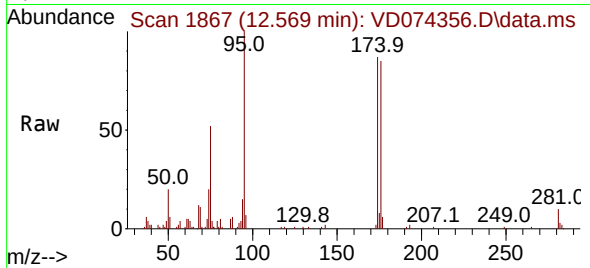




#62
4-Bromofluorobenzene
Concen: 38.550 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074356.D
Acq: 19 Sep 2022 19:55

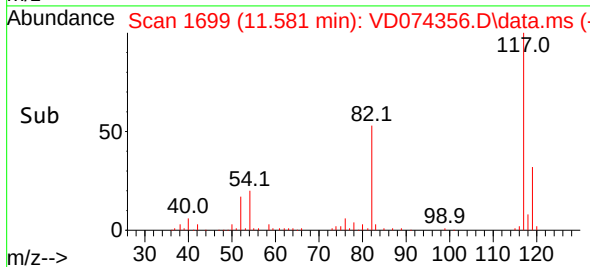
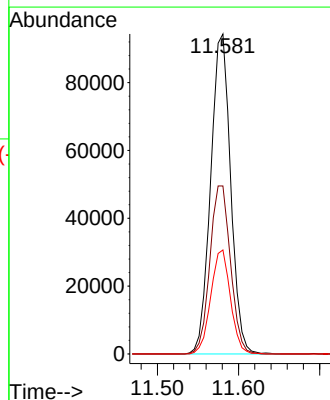
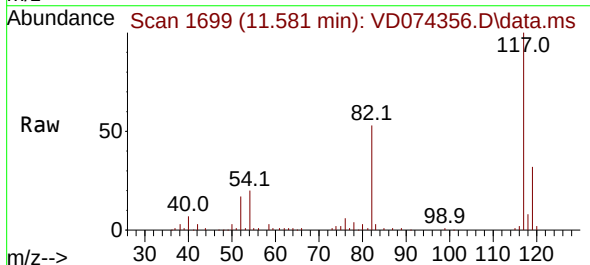
Instrument :
MSVOA_D
ClientSampleId :
SP-4

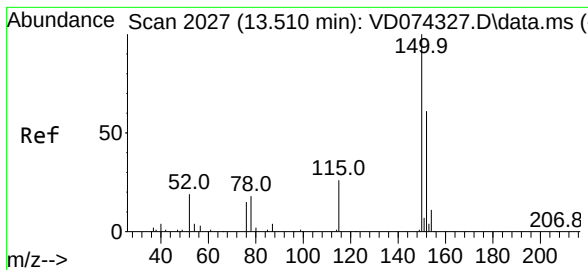
Tgt Ion: 95 Resp: 55965
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.2
176 85.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074356.D
Acq: 19 Sep 2022 19:55

Tgt Ion: 117 Resp: 161174
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074356.D
 Acq: 19 Sep 2022 19:55

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-4

Tgt Ion:152 Resp: 75508
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.4 85.2
 150 155.9 0.0 351.0

