

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074354.D
 Acq On : 19 Sep 2022 18:57
 Operator : VA/SY
 Sample : N4656-11
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Sep 19 23:02:46 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)

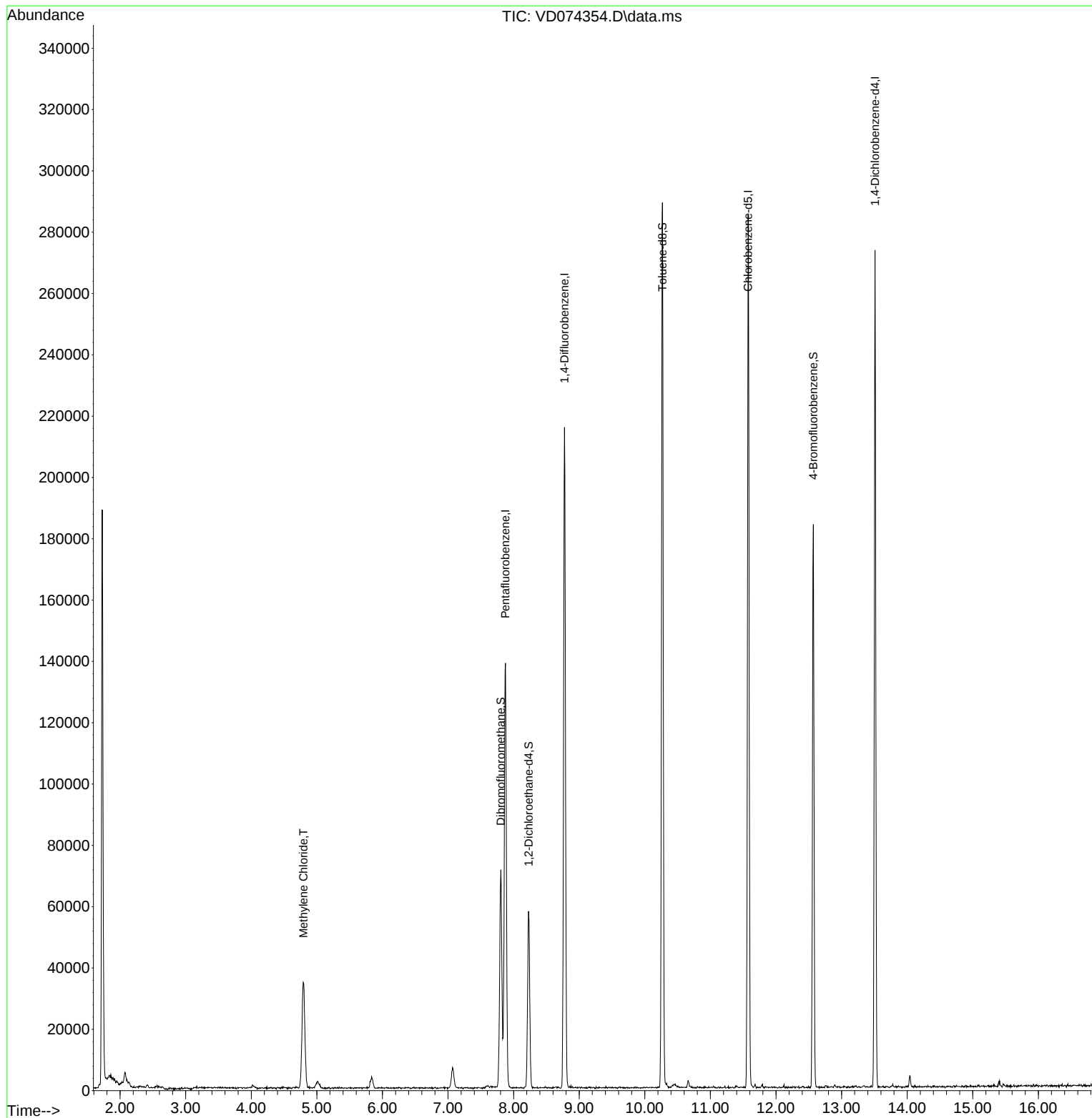
Internal Standards						
1) Pentafluorobenzene	7.875	168	109217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	191426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	165304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	71514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46018	43.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.520%
35) Dibromofluoromethane	7.805	113	50517	40.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.140%
50) Toluene-d8	10.269	98	205148	47.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.320%
62) 4-Bromofluorobenzene	12.569	95	55831	36.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.600%
Target Compounds						
20) Methylene Chloride	4.793	84	27266	11.437	ug/l	Qvalue 90

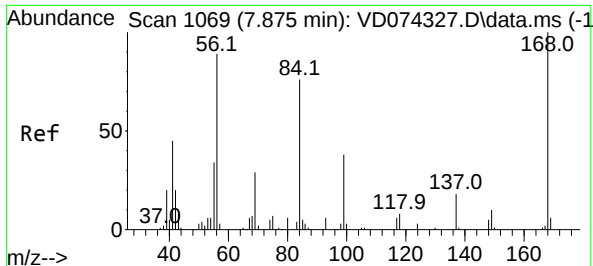
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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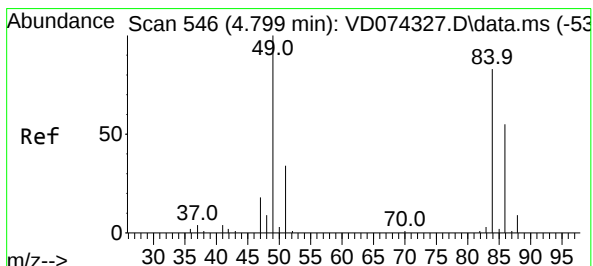
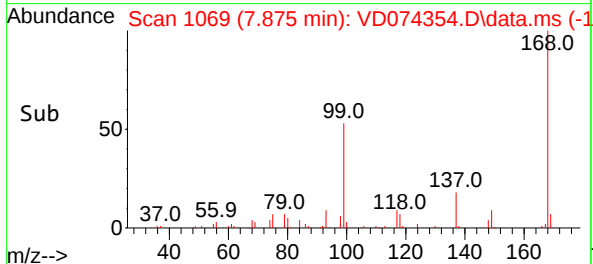
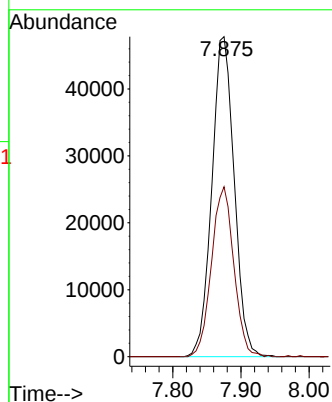
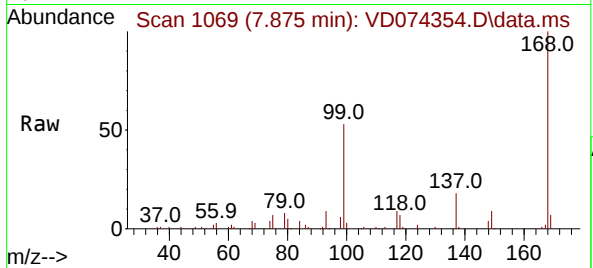




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074354.D
Acq: 19 Sep 2022 18:57

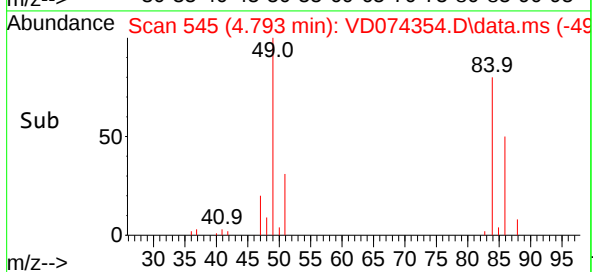
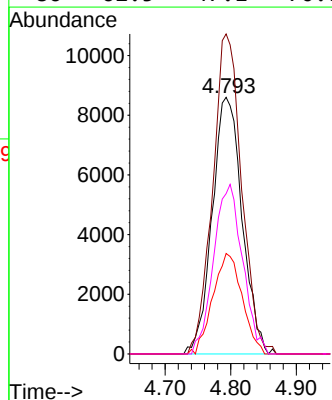
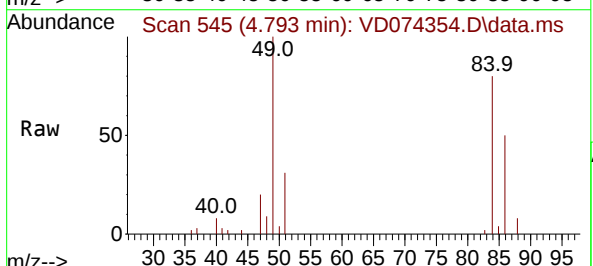
Instrument :
MSVOA_D
ClientSampleId :
SP-2

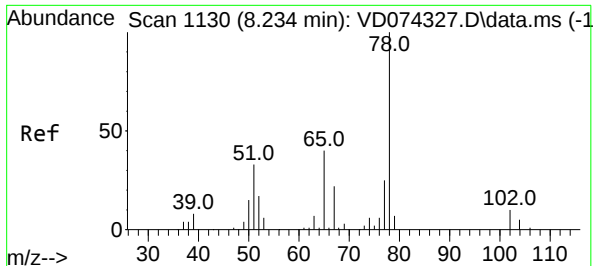
Tgt Ion:168 Resp: 109217
Ion Ratio Lower Upper
168 100
99 53.1 43.0 64.6



#20
Methylene Chloride
Concen: 11.437 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074354.D
Acq: 19 Sep 2022 18:57

Tgt Ion: 84 Resp: 27266
Ion Ratio Lower Upper
84 100
49 124.7 88.4 132.6
51 39.2 28.0 42.0
86 62.5 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 43.258 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074354.D

Acq: 19 Sep 2022 18:57

Instrument :

MSVOA_D

ClientSampleId :

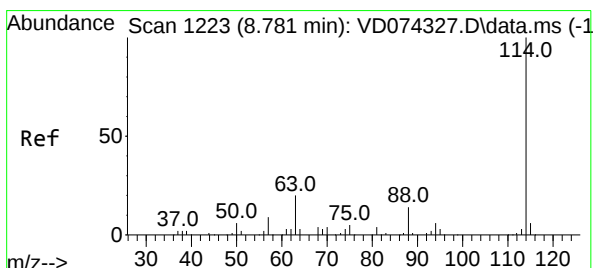
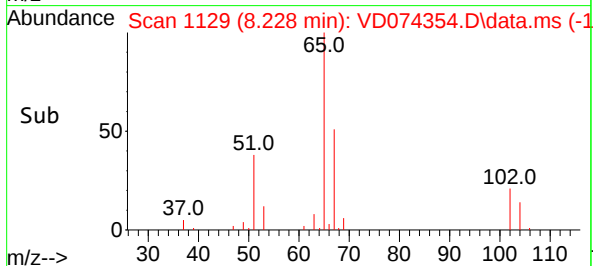
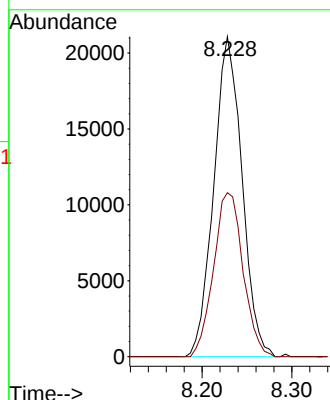
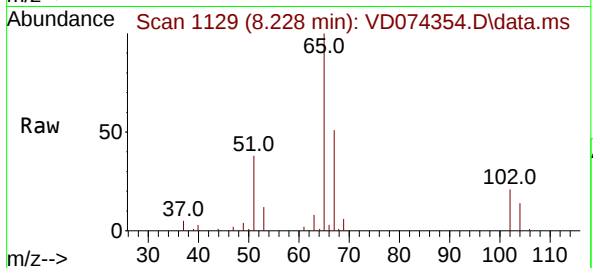
SP-2

Tgt Ion: 65 Resp: 46018

Ion Ratio Lower Upper

65 100

67 53.5 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: VD074354.D

Acq: 19 Sep 2022 18:57

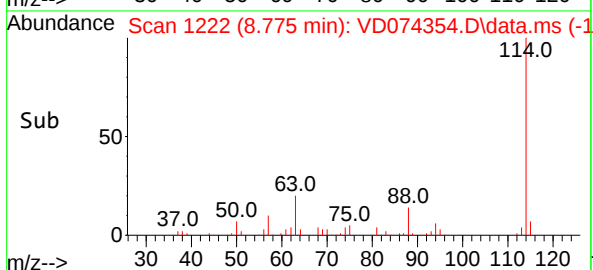
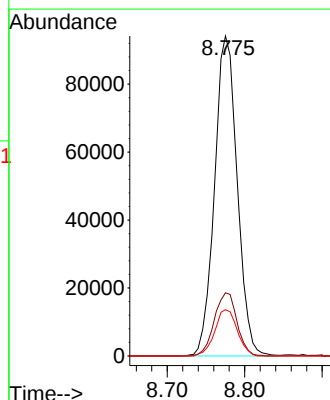
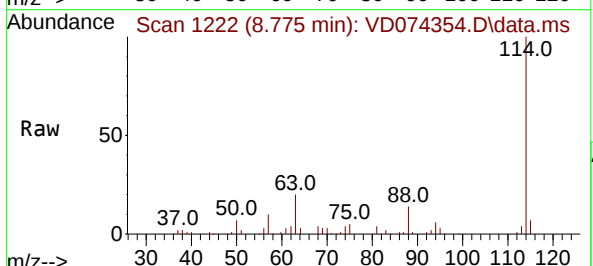
Tgt Ion: 114 Resp: 191426

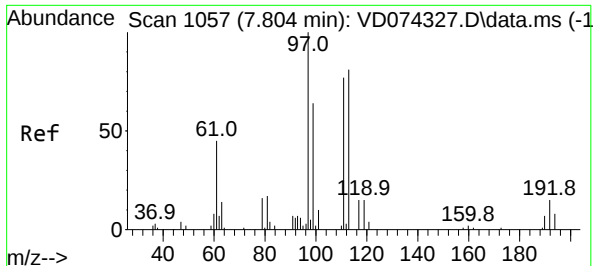
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 14.4 0.0 28.4





#35

Dibromofluoromethane

Concen: 40.069 ug/l

RT: 7.805 min Scan# 110

Delta R.T. 0.001 min

Lab File: VD074354.D

Acq: 19 Sep 2022 18:57

Instrument :

MSVOA_D

ClientSampleId :

SP-2

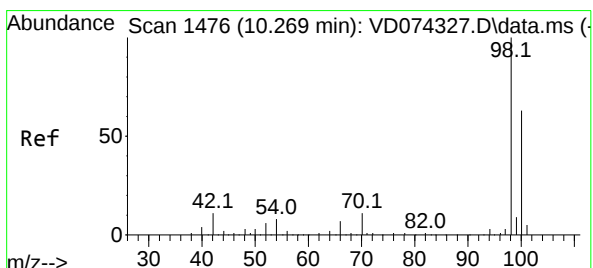
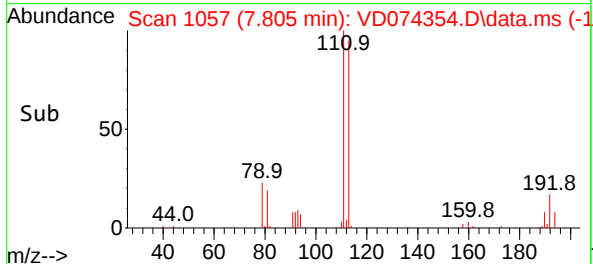
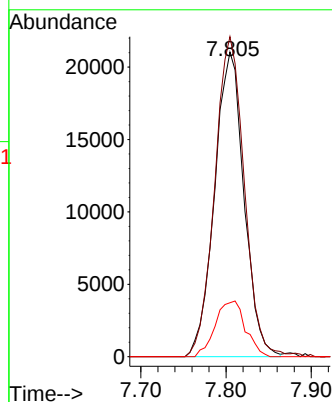
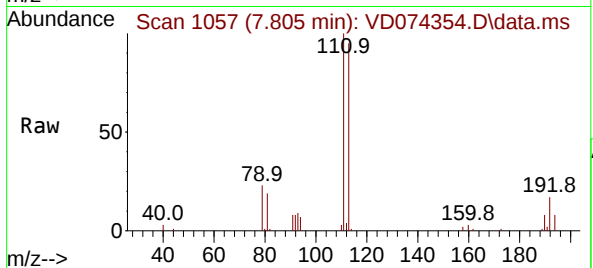
Tgt Ion:113 Resp: 50517

Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.6

192 18.7 16.2 24.2



#50

Toluene-d8

Concen: 47.159 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074354.D

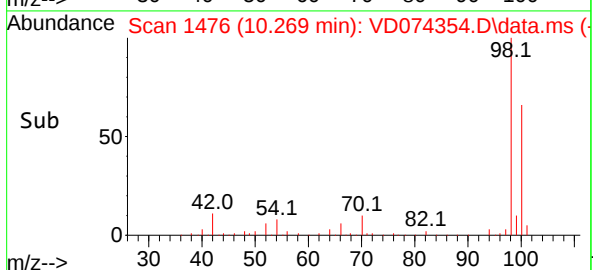
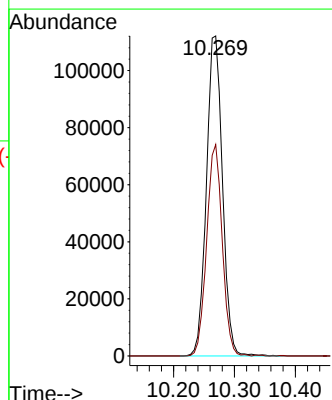
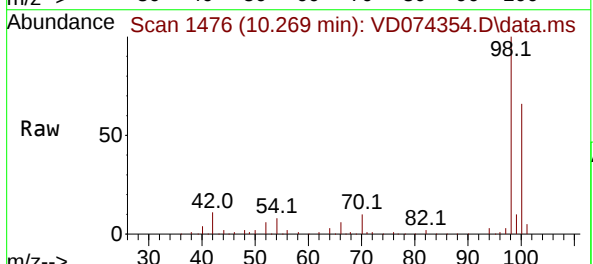
Acq: 19 Sep 2022 18:57

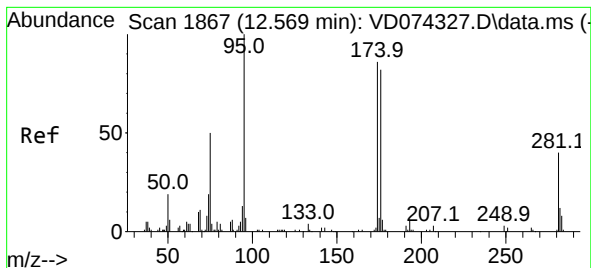
Tgt Ion: 98 Resp: 205148

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8

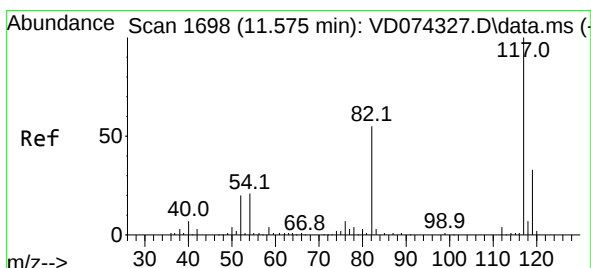
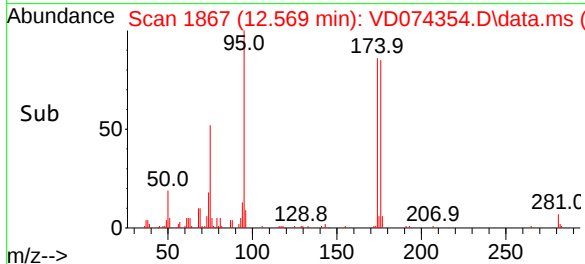
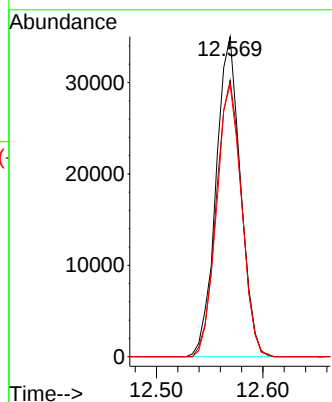
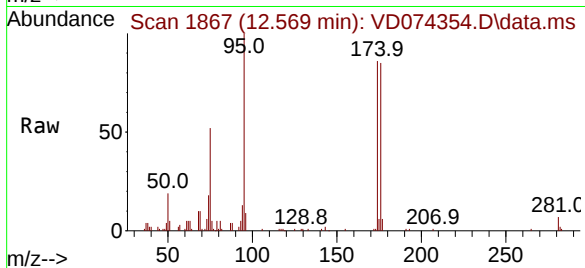




#62
4-Bromofluorobenzene
Concen: 36.304 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074354.D
Acq: 19 Sep 2022 18:57

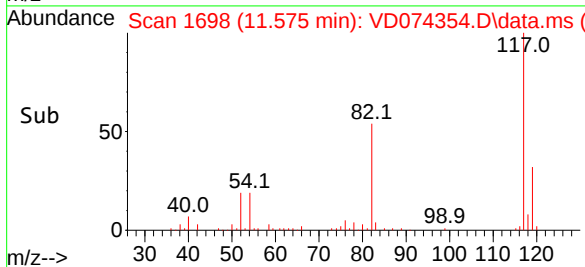
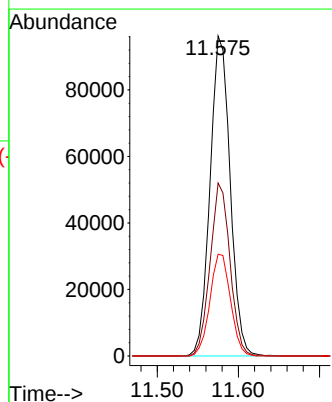
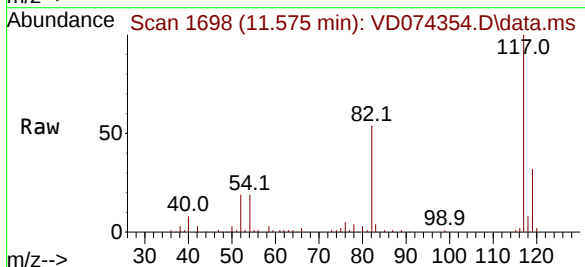
Instrument :
MSVOA_D
ClientSampleId :
SP-2

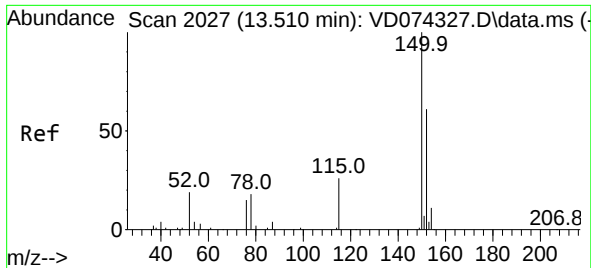
Tgt Ion: 95 Resp: 55831
Ion Ratio Lower Upper
95 100
174 89.2 0.0 179.2
176 86.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VD074354.D
Acq: 19 Sep 2022 18:57

Tgt Ion: 117 Resp: 165304
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.8 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: VD074354.D

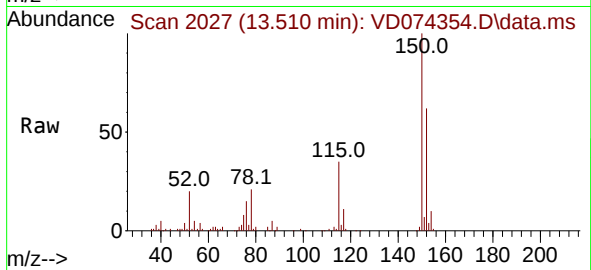
Acq: 19 Sep 2022 18:57

Instrument :

MSVOA_D

ClientSampleId :

SP-2



Tgt Ion:152 Resp: 71514

Ion Ratio Lower Upper

152 100

115 55.4 28.4 85.2

150 158.9 0.0 351.0

