

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074759.D
 Acq On : 07 Nov 2022 14:13
 Operator : VA/SY
 Sample : N5460-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SH-1

Quant Time: Nov 08 00:21:26 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)

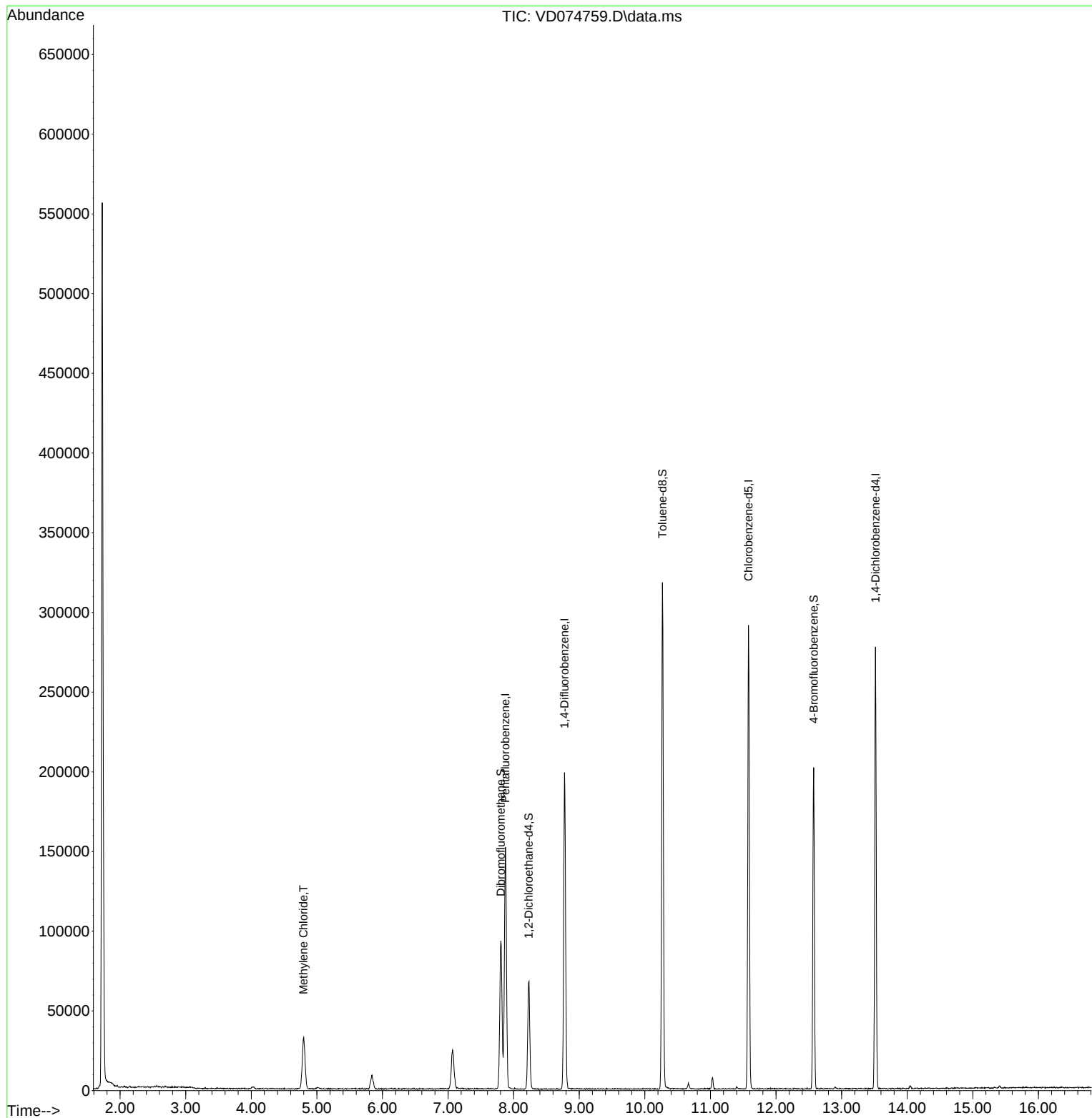
Internal Standards						
1) Pentafluorobenzene	7.875	168	123425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	179477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52217	53.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.840%	
35) Dibromofluoromethane	7.804	113	70082	62.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.960%	
50) Toluene-d8	10.269	98	229543	56.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.200%	
62) 4-Bromofluorobenzene	12.575	95	62824	53.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.360%	
Target Compounds						Qvalue
20) Methylene Chloride	4.793	84	27741	6.209	ug/l	89

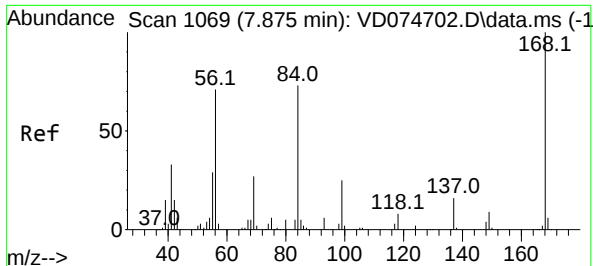
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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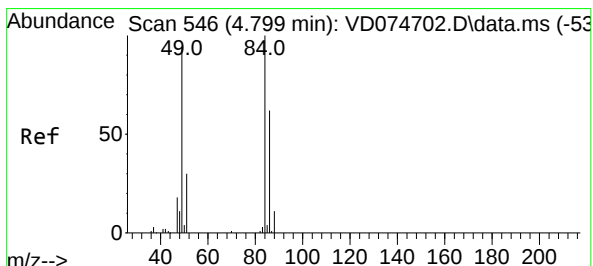
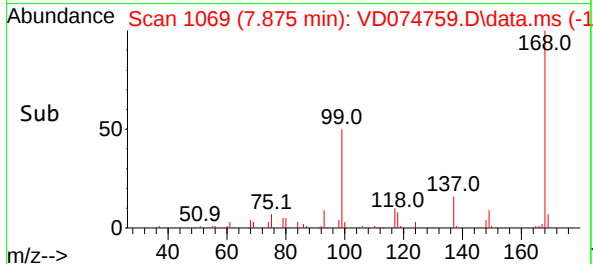
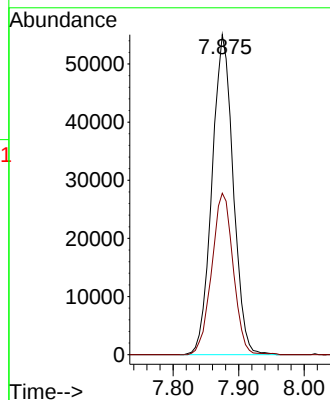
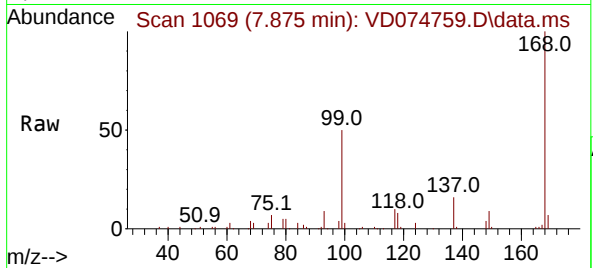




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

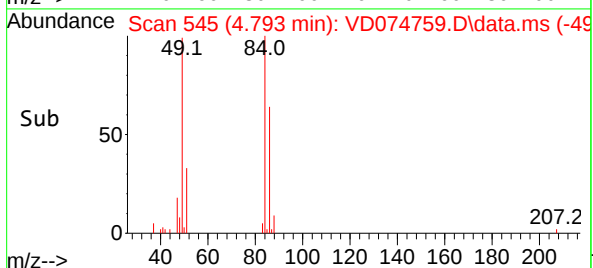
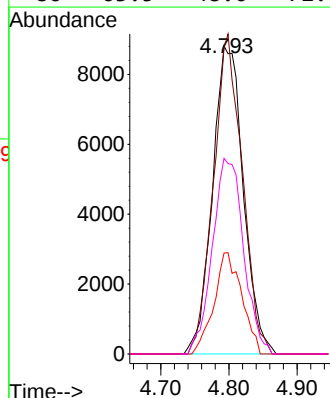
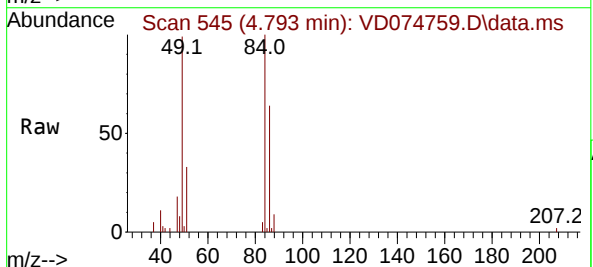
Instrument :
MSVOA_D
ClientSampleId :
SH-1

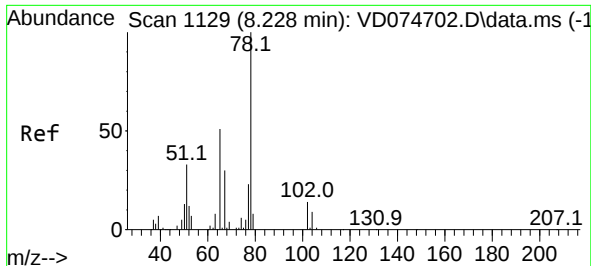
Tgt Ion:168 Resp: 123425
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#20
Methylene Chloride
Concen: 6.209 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 84 Resp: 27741
Ion Ratio Lower Upper
84 100
49 99.4 68.0 102.0
51 32.8 23.2 34.8
86 63.5 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 53.416 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074759.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

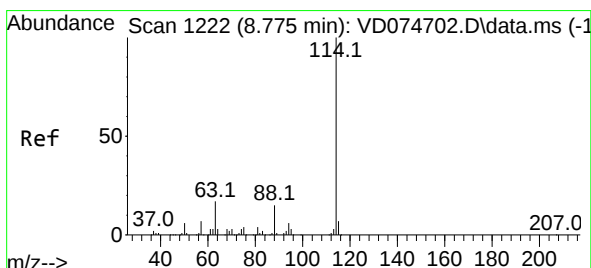
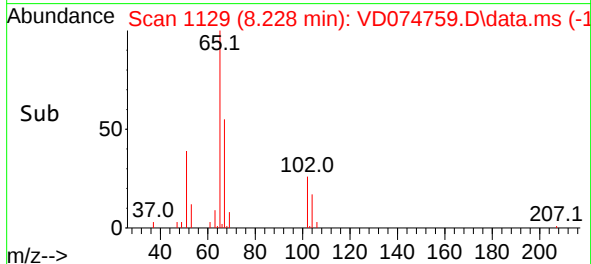
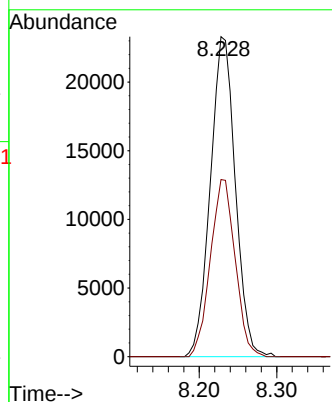
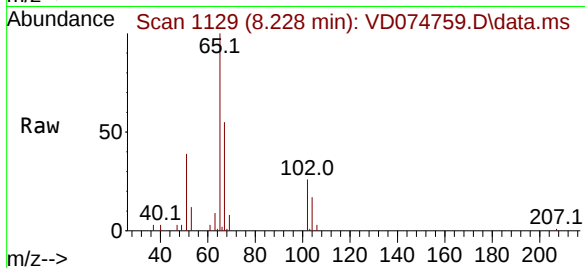
SH-1

Tgt Ion: 65 Resp: 52217

Ion Ratio Lower Upper

65 100

67 54.8 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: VD074759.D

Acq: 07 Nov 2022 14:13

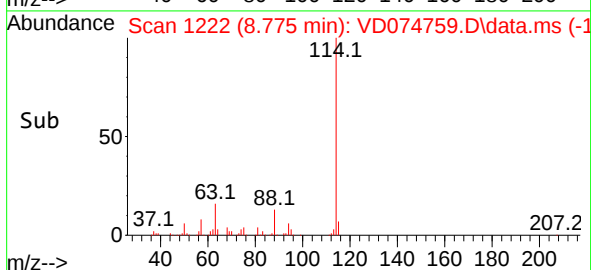
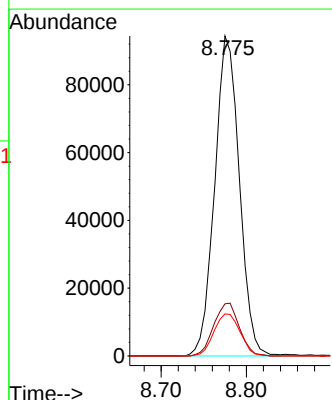
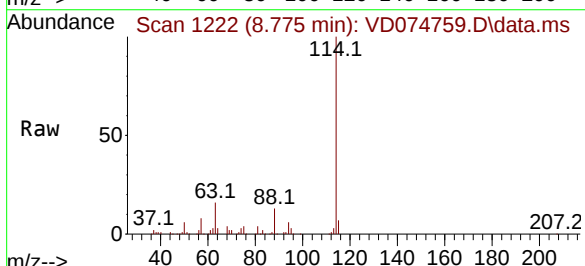
Tgt Ion: 114 Resp: 189620

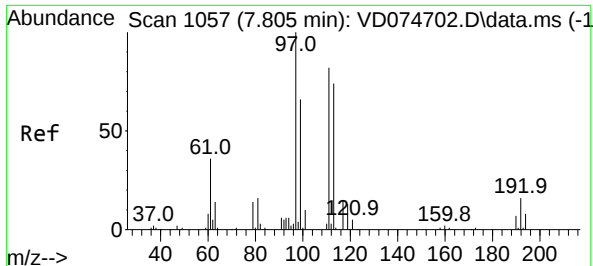
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 62.480 ug/l

RT: 7.804 min Scan# 113

Delta R.T. -0.001 min

Lab File: VD074759.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

SH-1

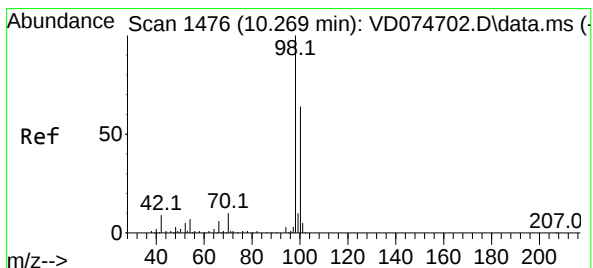
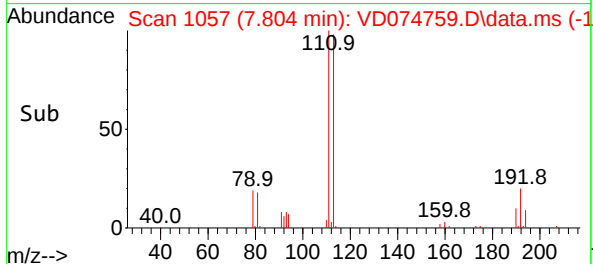
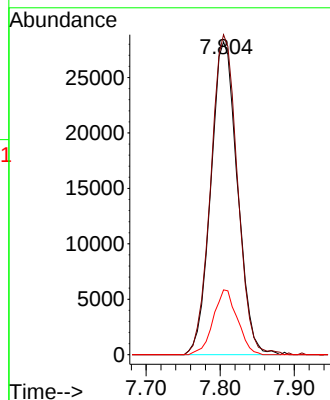
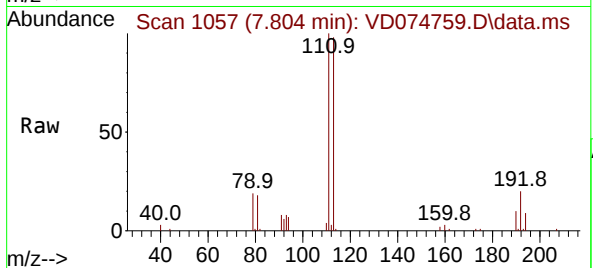
Tgt Ion:113 Resp: 70082

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 18.9 16.4 24.6



#50

Toluene-d8

Concen: 56.102 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074759.D

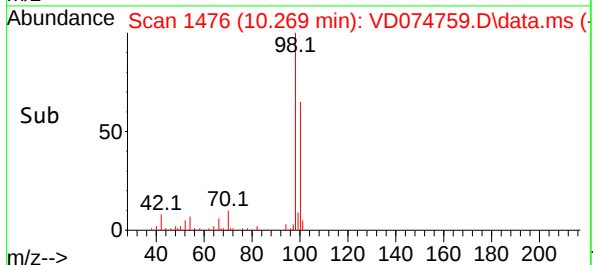
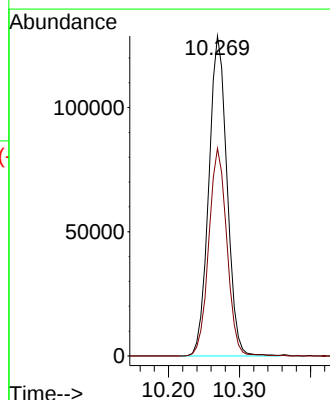
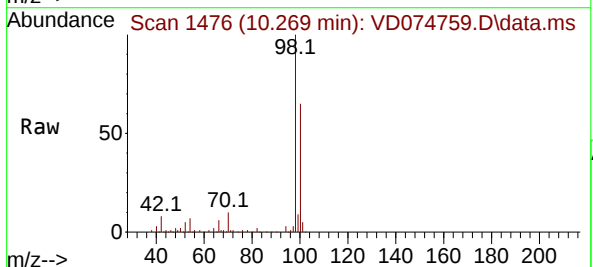
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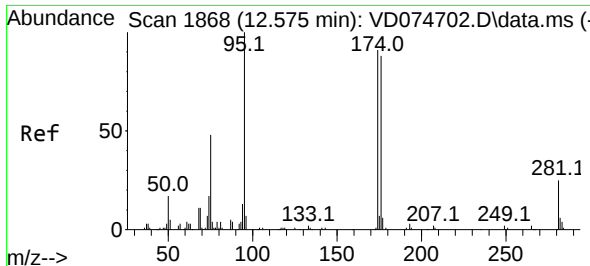
Tgt Ion: 98 Resp: 229543

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

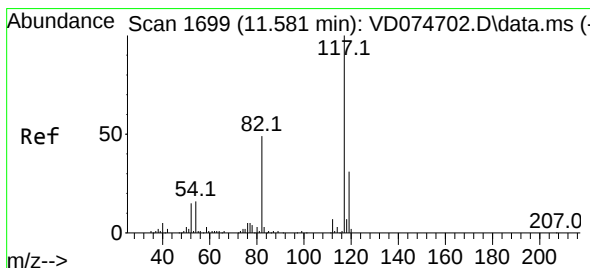
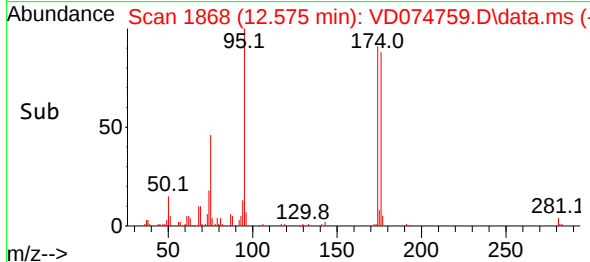
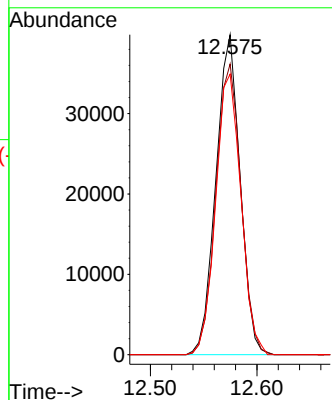
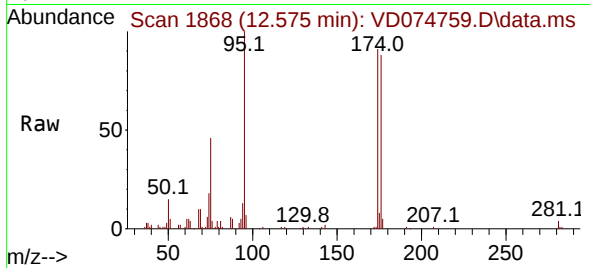




#62
4-Bromofluorobenzene
Concen: 53.179 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

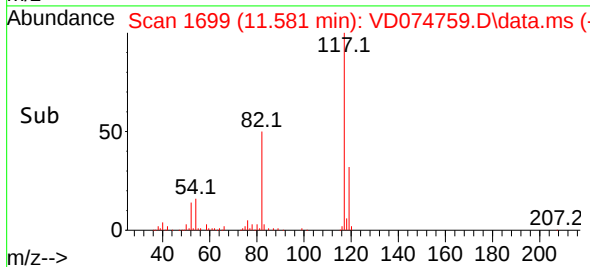
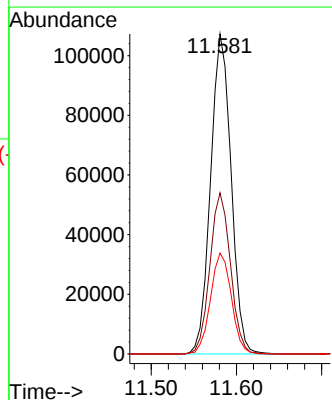
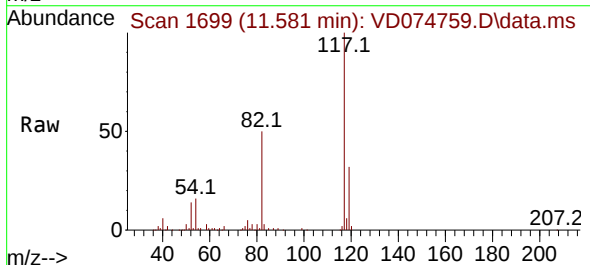
Instrument :
MSVOA_D
ClientSampleId :
SH-1

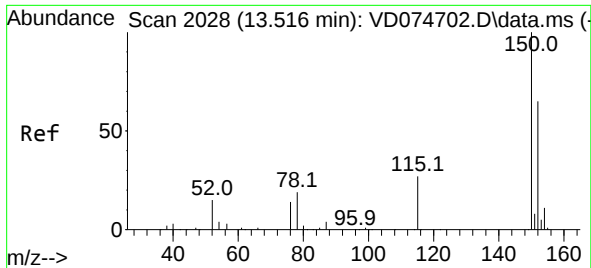
Tgt Ion: 95 Resp: 62824
Ion Ratio Lower Upper
95 100
174 94.3 0.0 197.0
176 91.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074759.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 117 Resp: 179477
Ion Ratio Lower Upper
117 100
82 50.3 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: VD074759.D

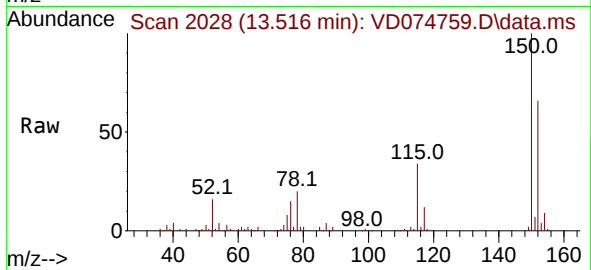
Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

SH-1



Tgt Ion:152 Resp: 77667

Ion Ratio Lower Upper

152 100

115 55.3 26.8 80.4

150 160.2 0.0 348.2

