

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074756.D
 Acq On : 07 Nov 2022 12:48
 Operator : VA/SY
 Sample : N5418-13
 Misc : 4.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-N

Quant Time: Nov 08 00:20:51 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)

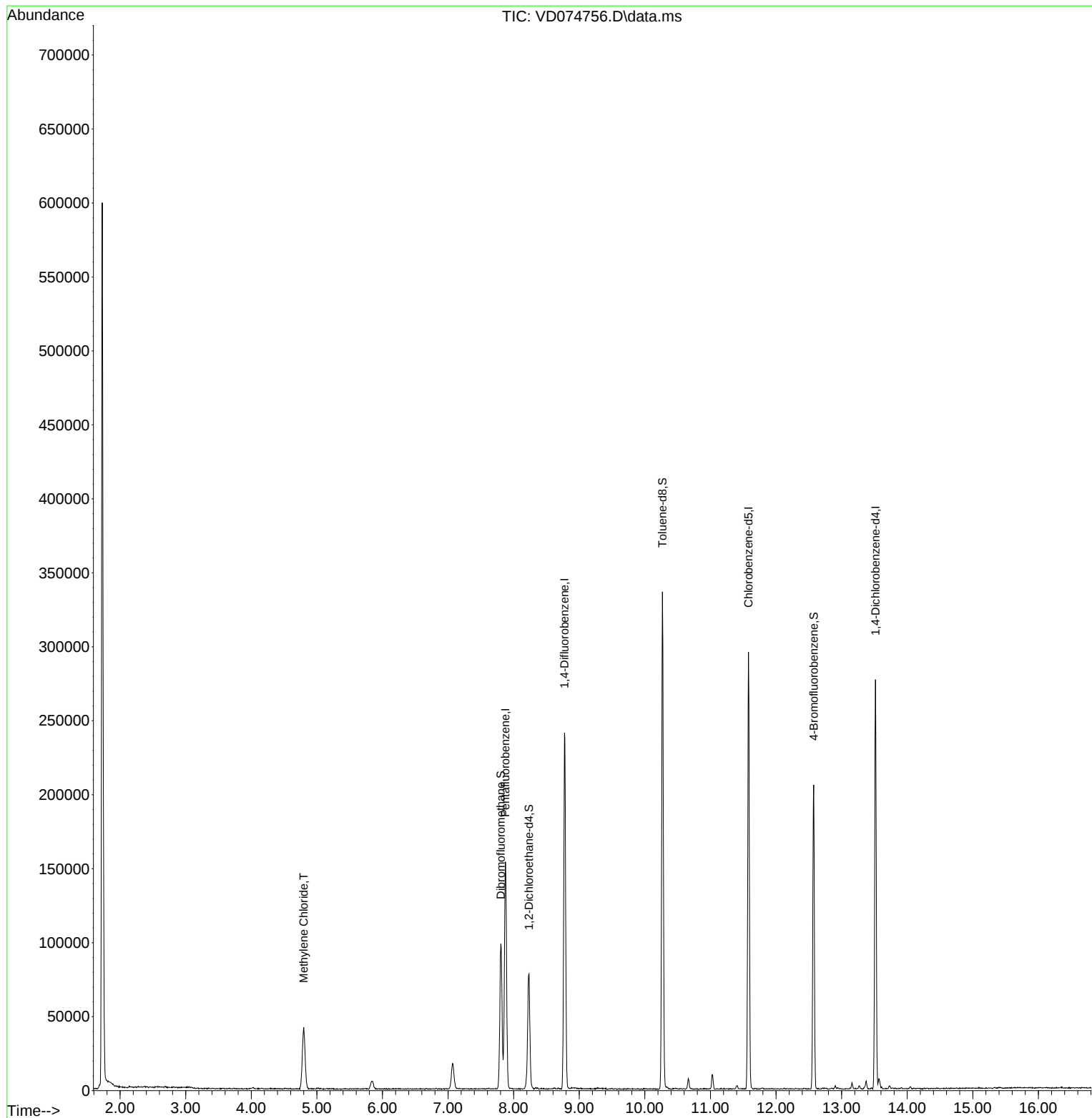
Internal Standards						
1) Pentafluorobenzene	7.875	168	128621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	228610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	182030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61693	60.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.120%
35) Dibromofluoromethane	7.804	113	73993	54.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.440%
50) Toluene-d8	10.269	98	239079	48.467	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.575	95	65988	46.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%
Target Compounds						
20) Methylene Chloride	4.798	84	33678	9.597	ug/l	Qvalue # 88

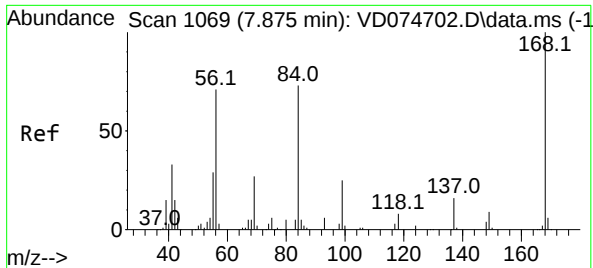
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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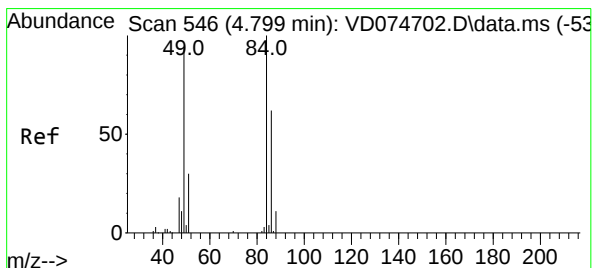
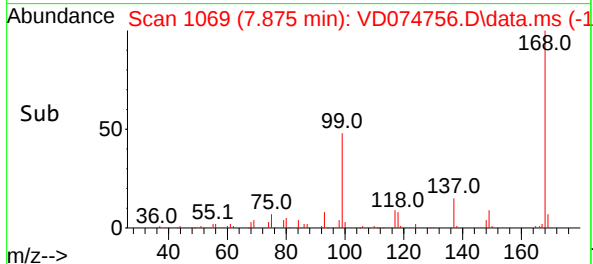
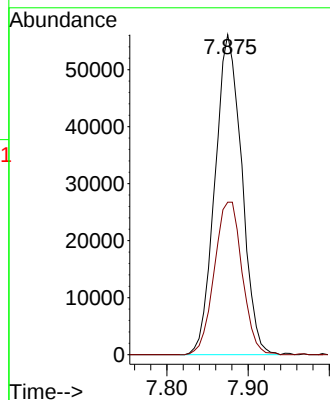
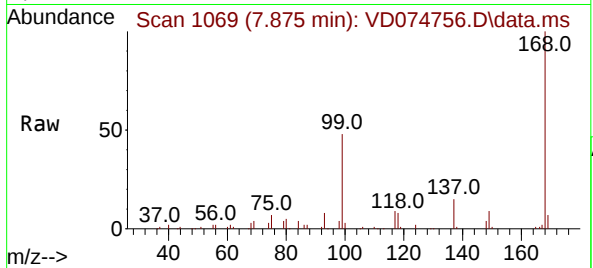




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

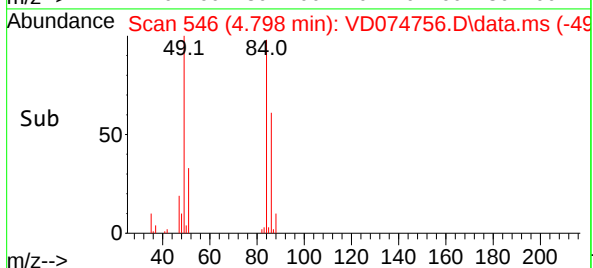
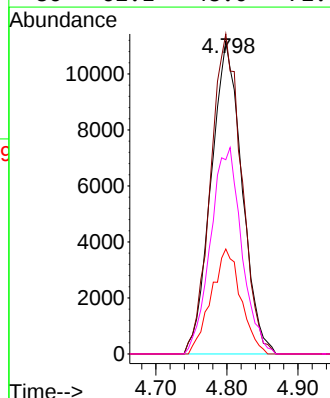
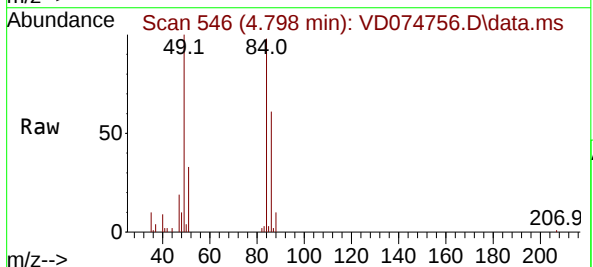
Instrument :
MSVOA_D
ClientSampleId :
TP-N

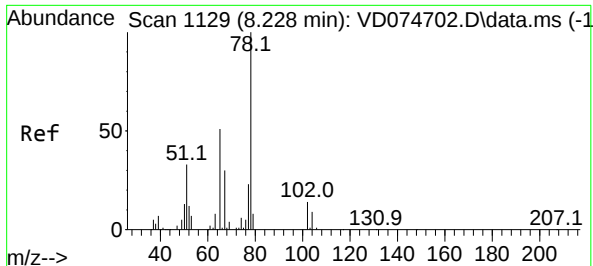
Tgt Ion:168 Resp: 128621
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#20
Methylene Chloride
Concen: 9.597 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

Tgt Ion: 84 Resp: 33678
Ion Ratio Lower Upper
84 100
49 102.3 68.0 102.0#
51 33.5 23.2 34.8
86 62.1 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 60.560 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

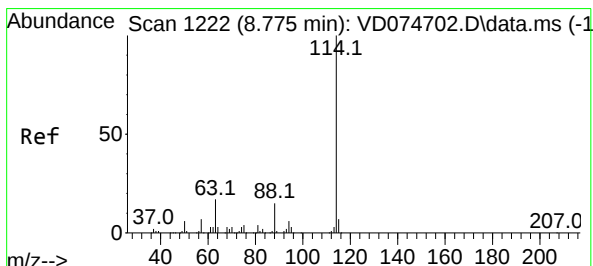
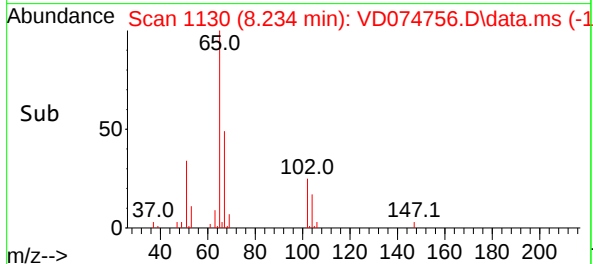
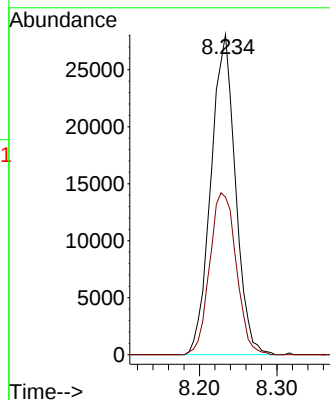
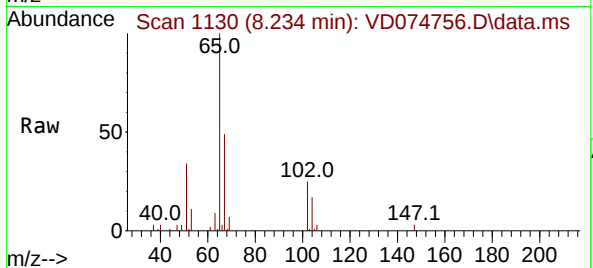
TP-N

Tgt Ion: 65 Resp: 61693

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: VD074756.D

Acq: 07 Nov 2022 12:48

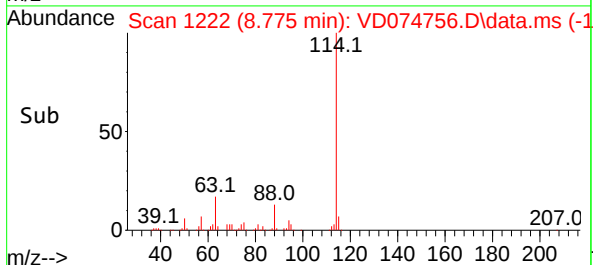
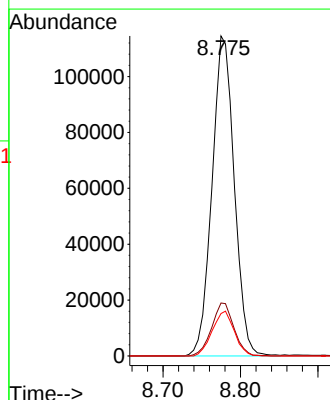
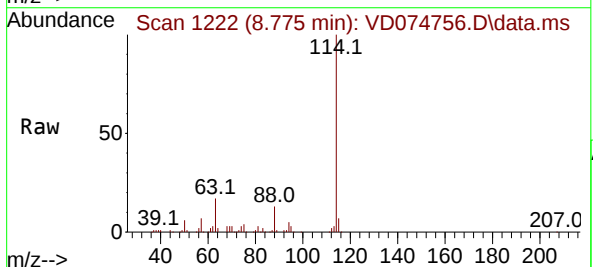
Tgt Ion: 114 Resp: 228610

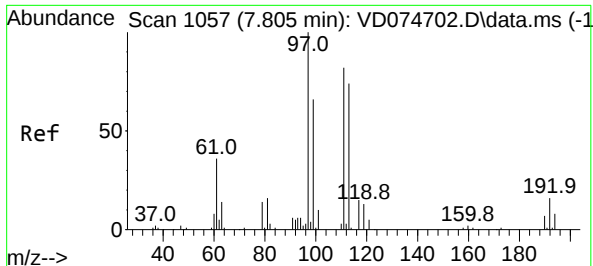
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 54.716 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074756.D

Acq: 07 Nov 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

TP-N

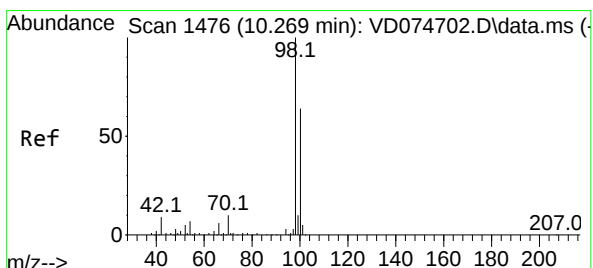
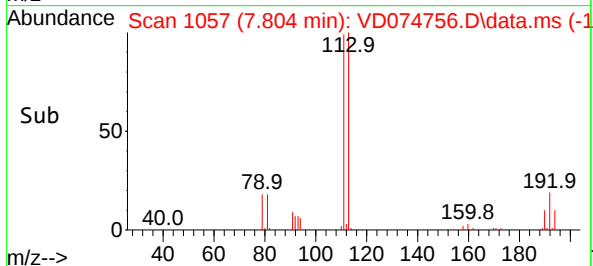
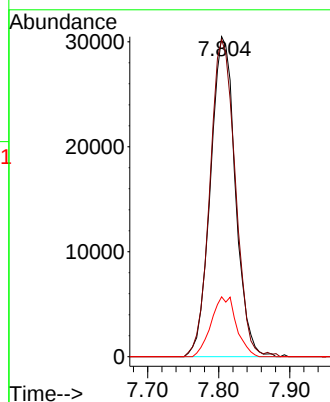
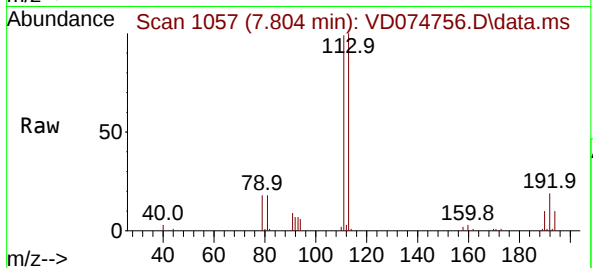
Tgt Ion:113 Resp: 73993

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

192 19.0 16.4 24.6



#50

Toluene-d8

Concen: 48.467 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074756.D

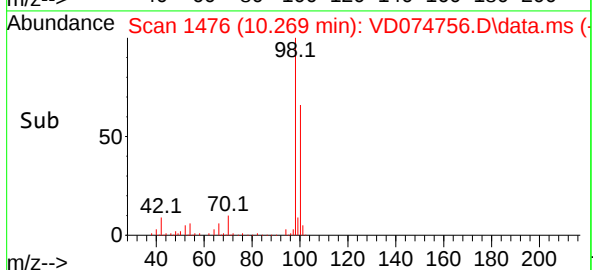
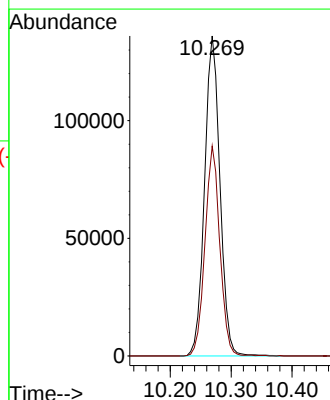
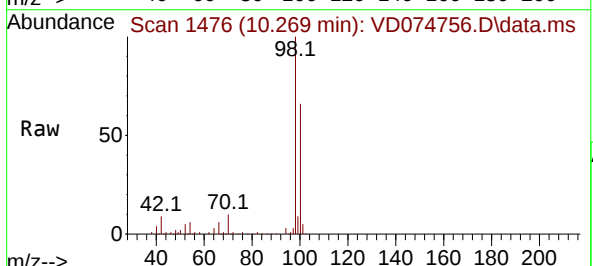
Acq: 07 Nov 2022 12:48

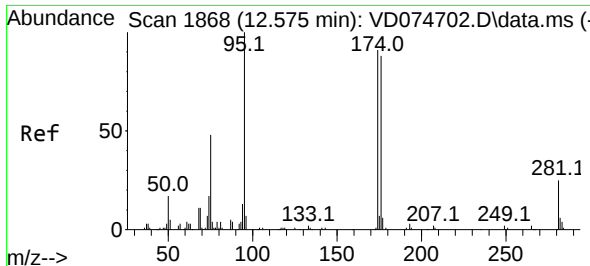
Tgt Ion: 98 Resp: 239079

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.0

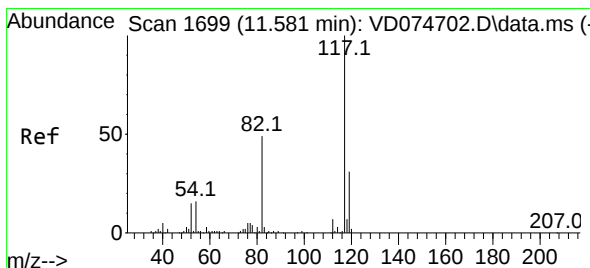
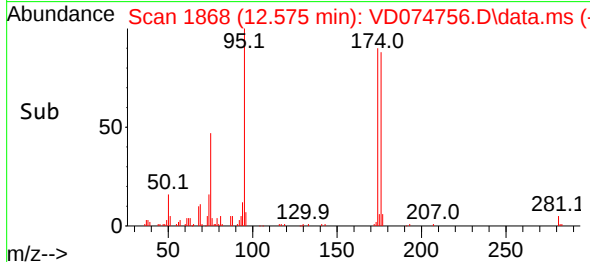
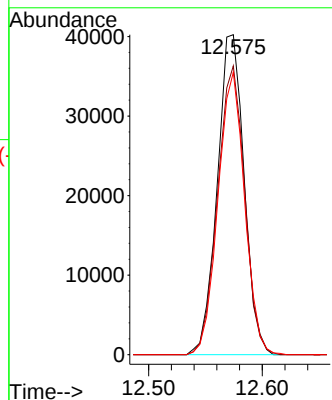
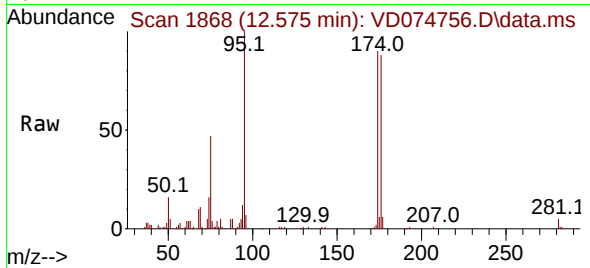




#62
4-Bromofluorobenzene
Concen: 46.331 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

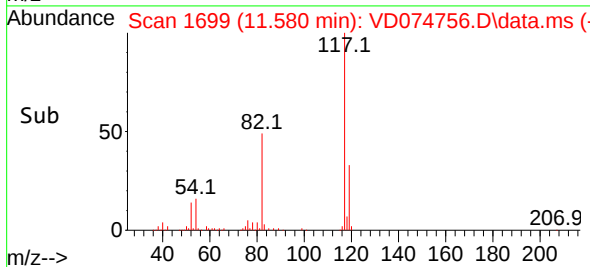
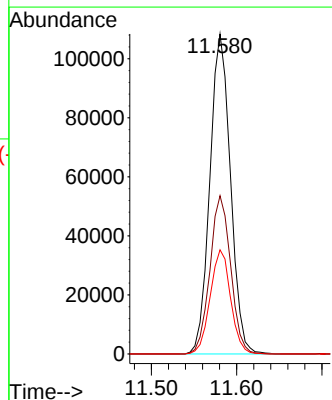
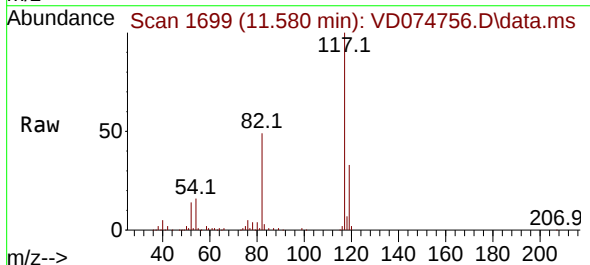
Instrument :
MSVOA_D
ClientSampleId :
TP-N

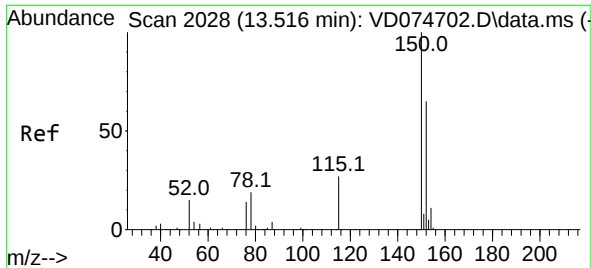
Tgt Ion: 95 Resp: 65988
Ion Ratio Lower Upper
95 100
174 91.0 0.0 197.0
176 87.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074756.D
Acq: 07 Nov 2022 12:48

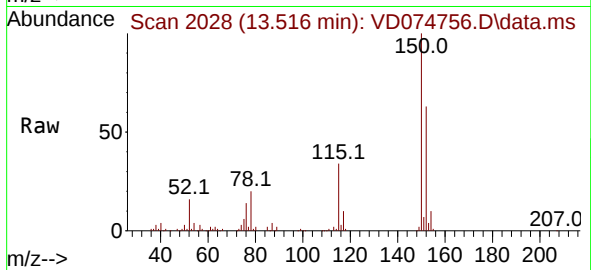
Tgt Ion: 117 Resp: 182030
Ion Ratio Lower Upper
117 100
82 49.4 41.6 62.4
119 32.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074756.D
 Acq: 07 Nov 2022 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-N



Tgt Ion:152 Resp: 78785
 Ion Ratio Lower Upper
 152 100
 115 54.8 26.8 80.4
 150 158.7 0.0 348.2

