

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069789.D
 Acq On : 6 Dec 2021 17:35
 Operator : JC/MD
 Sample : M4950-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 07 03:49:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1361252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2412195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2549313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	946751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1007973	47.958	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.920%
35) Dibromofluoromethane	8.024	113	698363	46.220	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.440%
50) Toluene-d8	10.443	98	3101014	51.113	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.733	95	1163037	52.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.840%

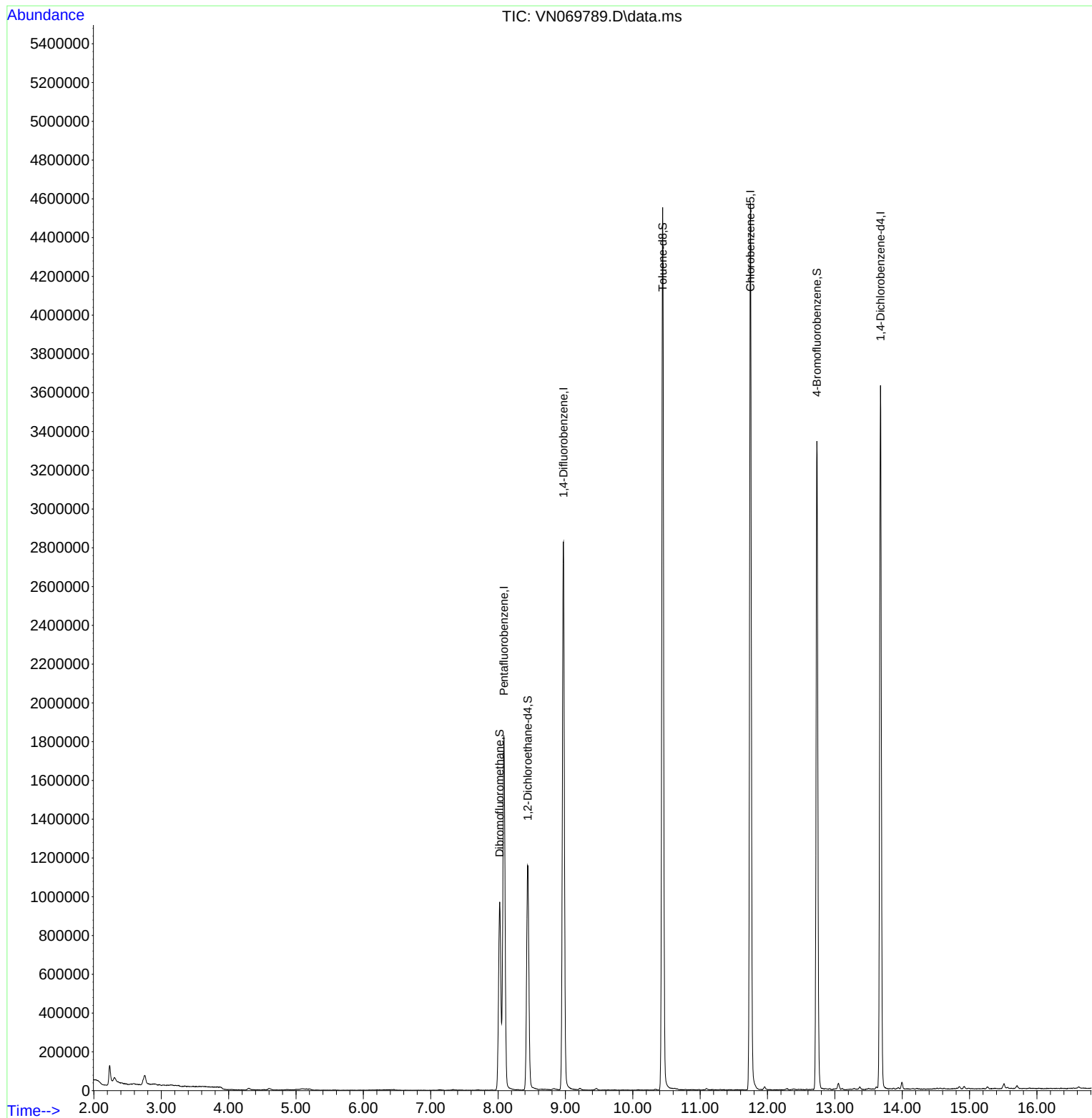
Target Compounds	Qvalue

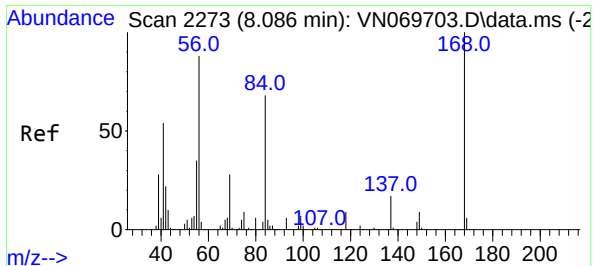
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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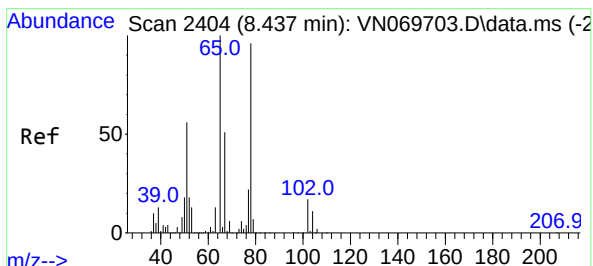
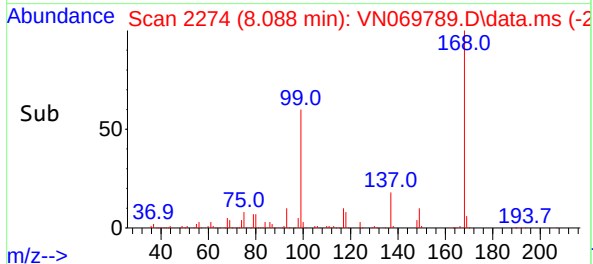
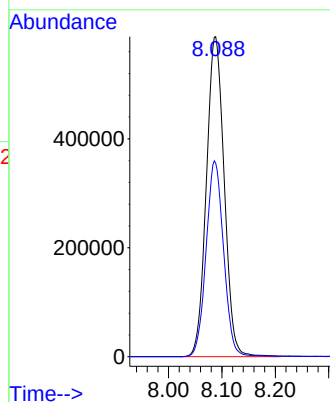
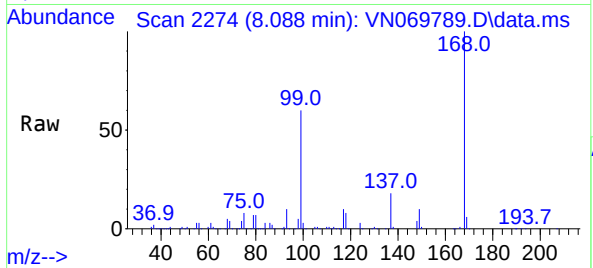




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069789.D
Acq: 6 Dec 2021 17:35

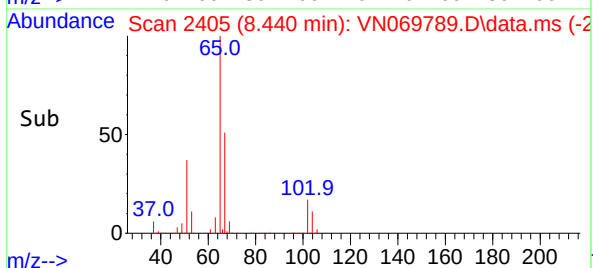
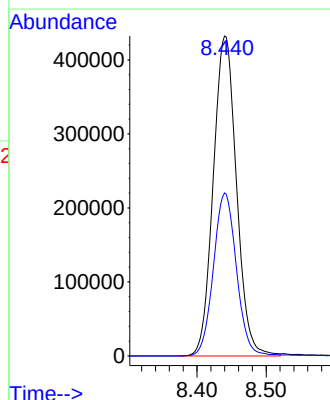
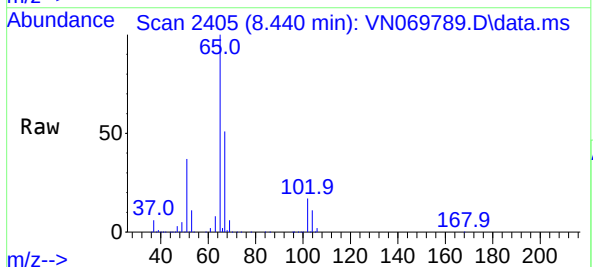
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

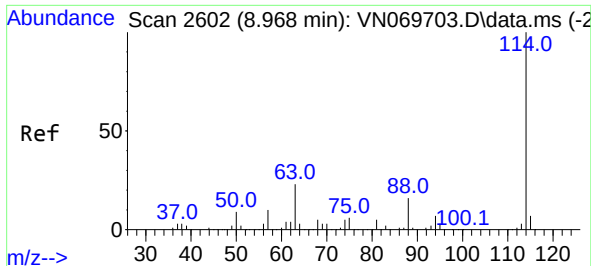
Tgt Ion:168 Resp: 1361252
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 47.958 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069789.D
Acq: 6 Dec 2021 17:35

Tgt Ion: 65 Resp: 1007973
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN069789.D

Acq: 6 Dec 2021 17:35

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

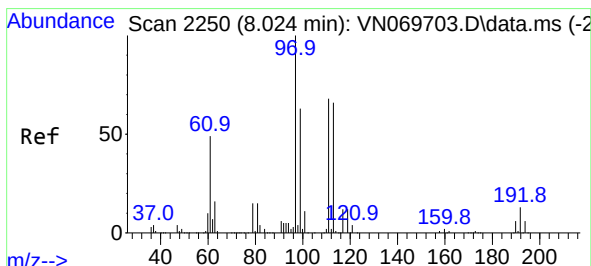
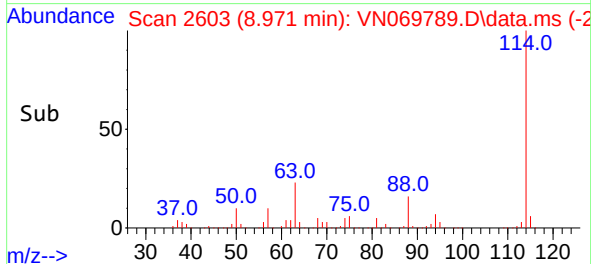
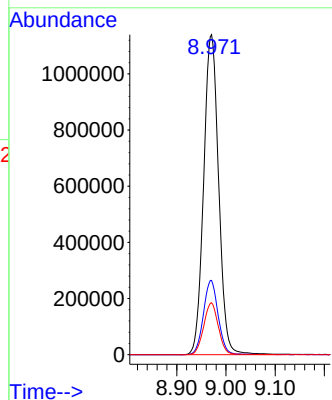
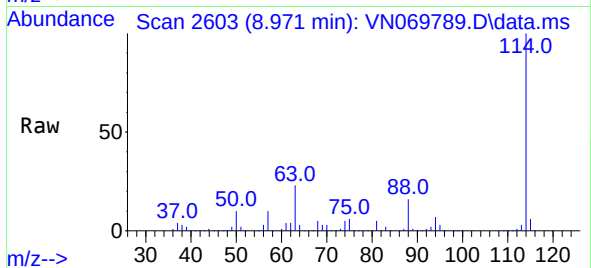
Tgt Ion:114 Resp: 2412195

Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.220 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN069789.D

Acq: 6 Dec 2021 17:35

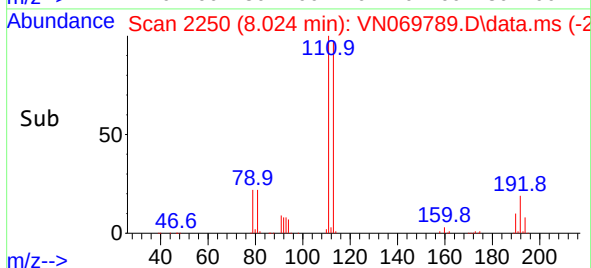
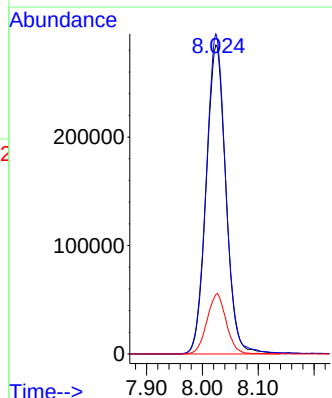
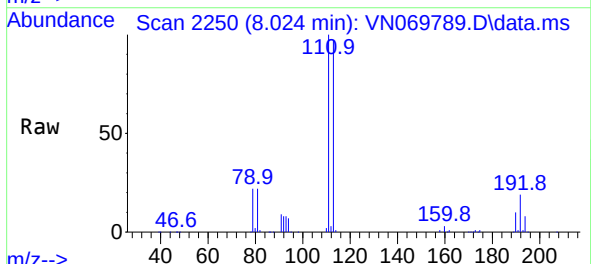
Tgt Ion:113 Resp: 698363

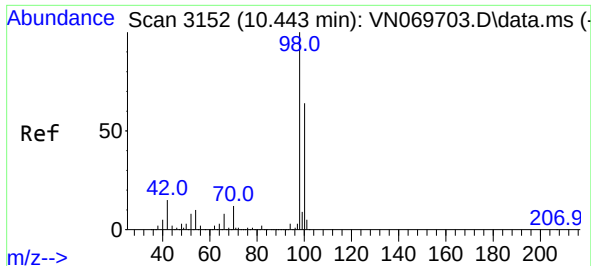
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 19.1 16.9 25.3

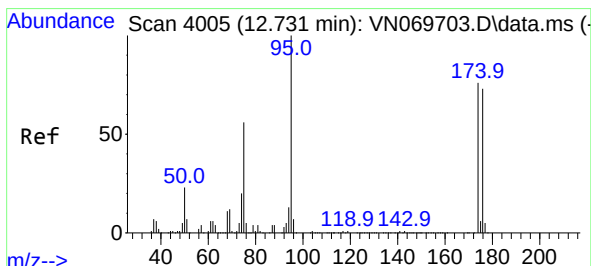
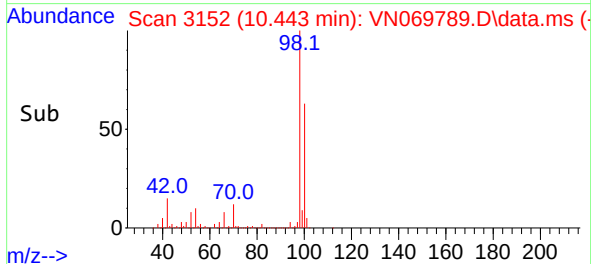
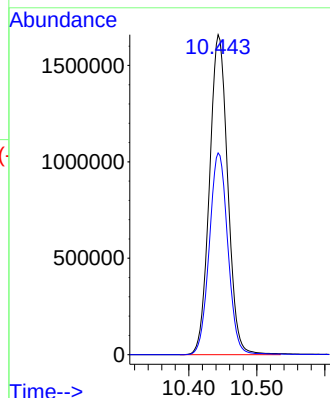
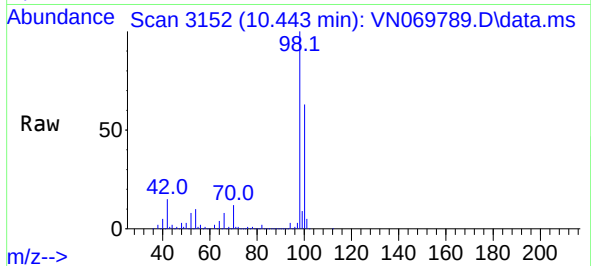




#50
Toluene-d8
Concen: 51.113 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069789.D
Acq: 6 Dec 2021 17:35

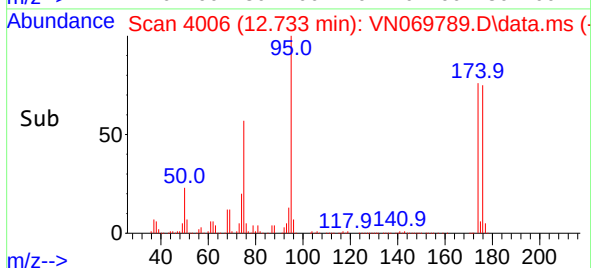
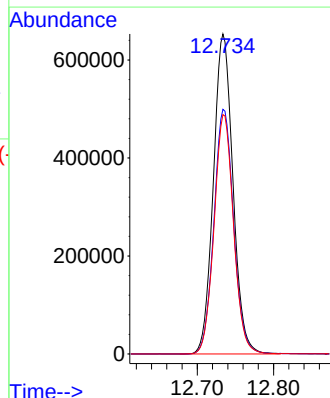
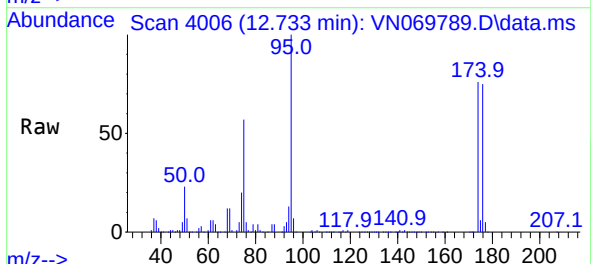
Instrument :
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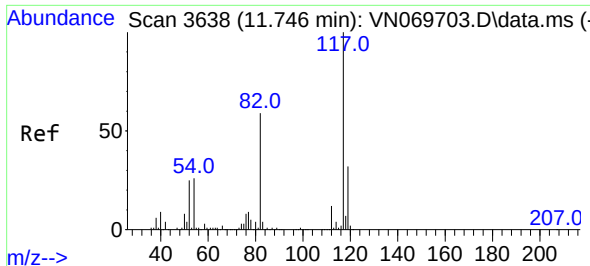
Tgt Ion: 98 Resp: 3101014
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.915 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069789.D
Acq: 6 Dec 2021 17:35

Tgt Ion: 95 Resp: 1163037
Ion Ratio Lower Upper
95 100
174 77.1 0.0 187.2
176 74.5 0.0 181.4



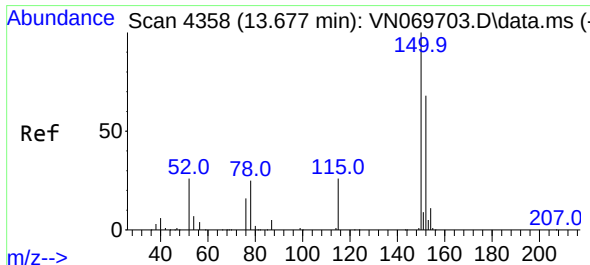
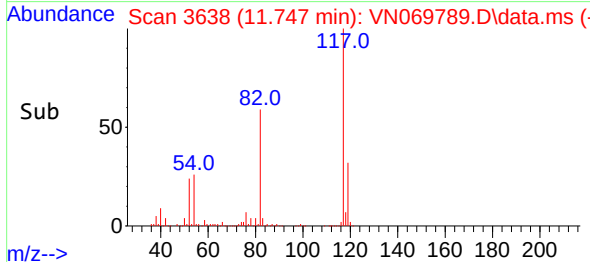
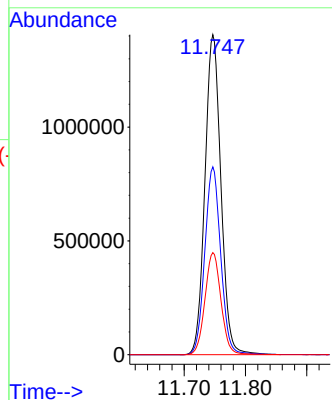
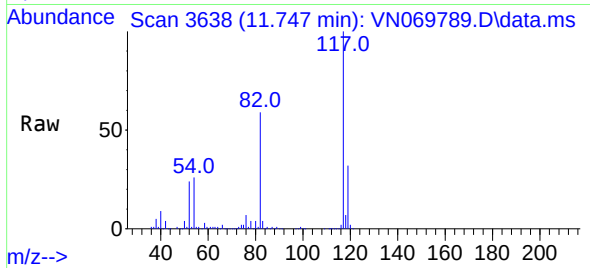


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069789.D
Acq: 6 Dec 2021 17:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 2549313

Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.4	63.6
119	31.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN069789.D
Acq: 6 Dec 2021 17:35

Tgt Ion:152 Resp: 946751

Ion	Ratio	Lower	Upper
152	100		
115	61.6	27.5	82.5
150	158.7	0.0	344.4

