

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069949.D
 Acq On : 10 Dec 2021 8:01
 Operator : JC/MD
 Sample : M4967-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7D

Quant Time: Dec 10 09:01:50 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)

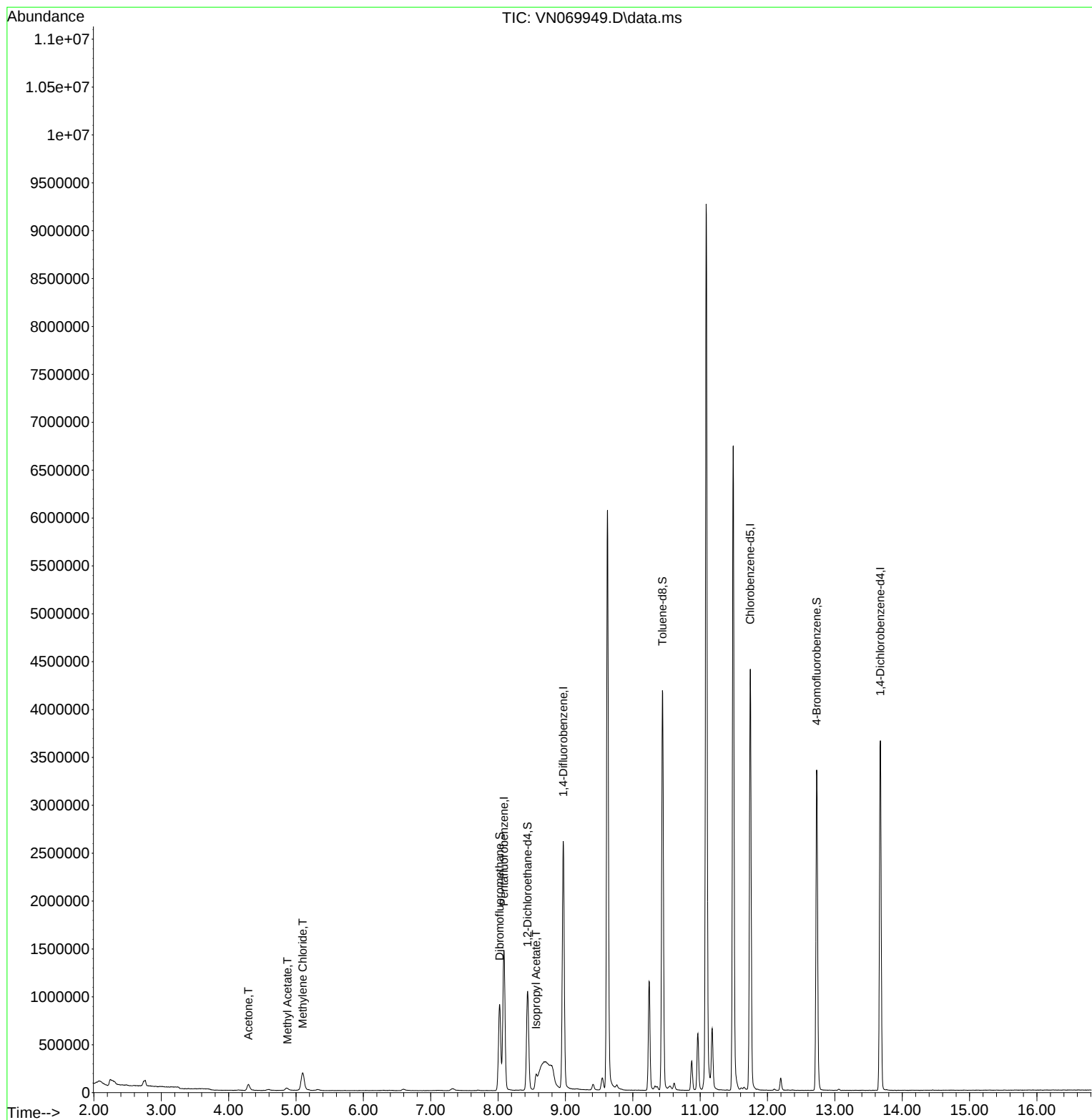
Internal Standards						
1) Pentafluorobenzene	8.088	168	1086604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2131513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2411566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	972340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	900850	53.695	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.380%
35) Dibromofluoromethane	8.024	113	657367	49.236	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.480%
50) Toluene-d8	10.440	98	2826369	52.721	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.440%
62) 4-Bromofluorobenzene	12.731	95	1137230	58.554	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.100%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	114641	11.359	ug/l	96
18) Methyl Acetate	4.873	43	52206	1.714	ug/l #	89
20) Methylene Chloride	5.101	84	136707	10.190	ug/l #	86
43) Isopropyl Acetate	8.566	43	192411	4.305	ug/l #	78

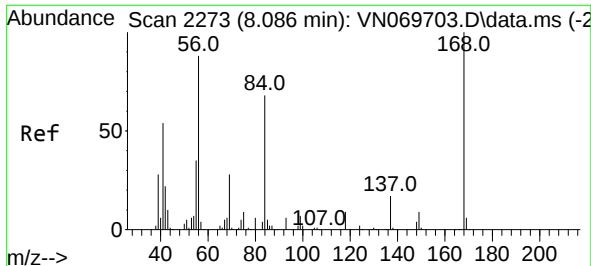
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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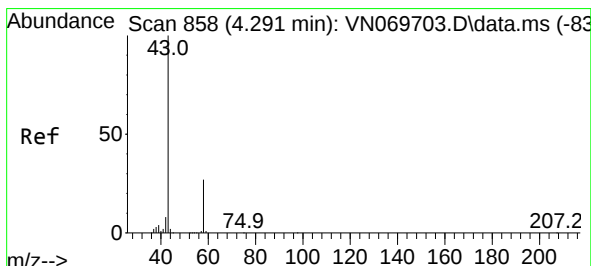
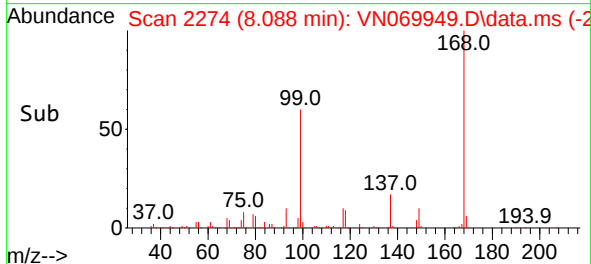
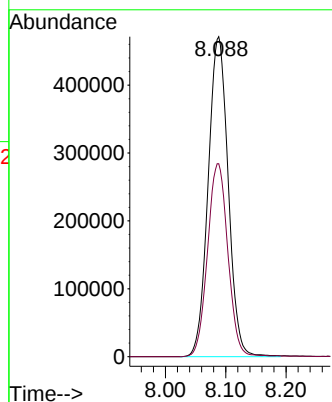
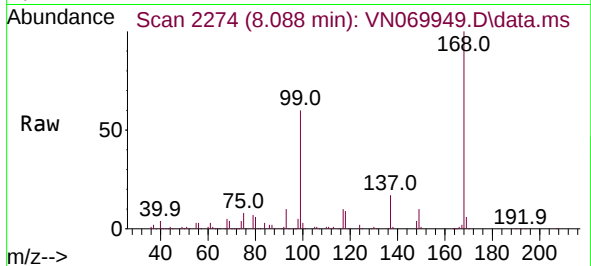




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

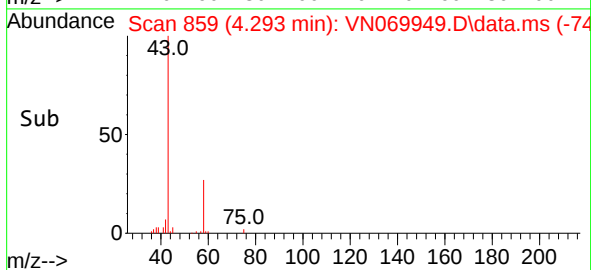
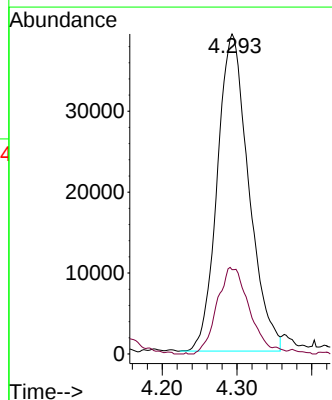
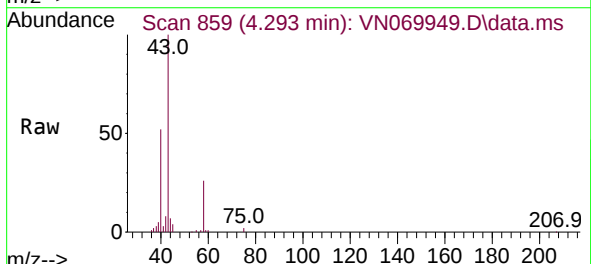
Instrument :
MSVOA_N
ClientSampleId :
TP-7D

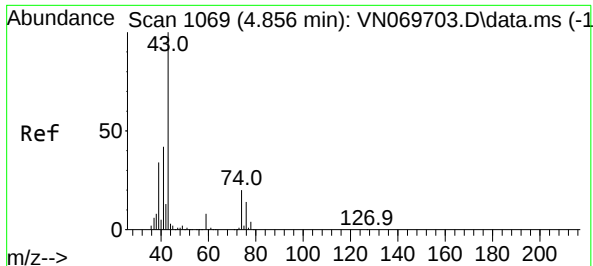
Tgt Ion:168 Resp: 1086604
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#16
Acetone
Concen: 11.359 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

Tgt Ion: 43 Resp: 114641
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

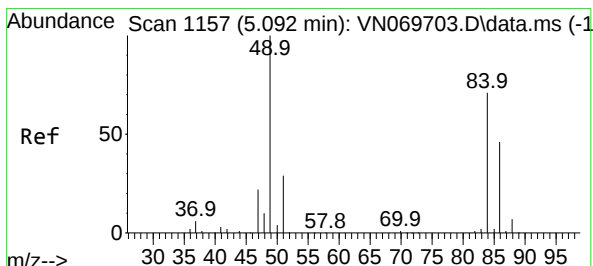
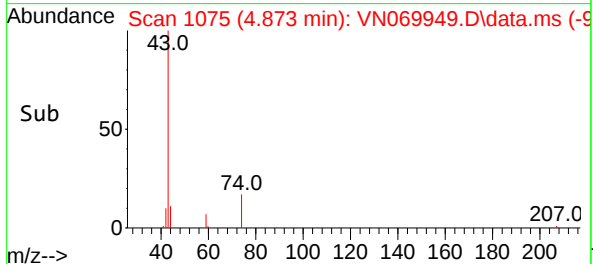
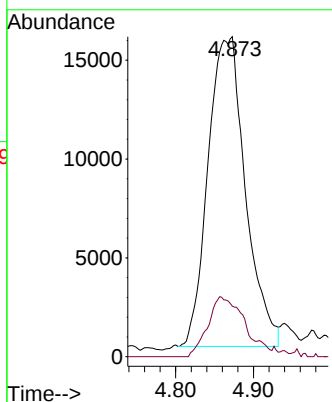
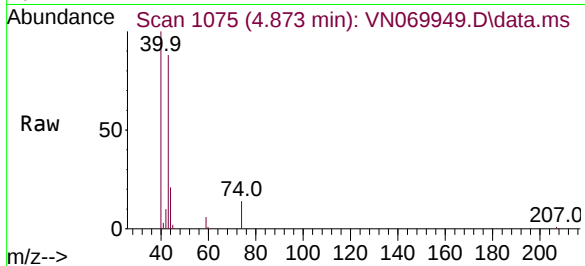




#18
Methyl Acetate
Concen: 1.714 ug/l
RT: 4.873 min Scan# 1160
Delta R.T. 0.016 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

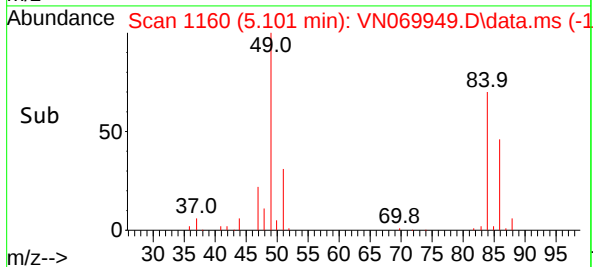
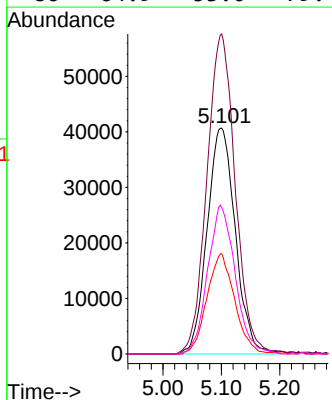
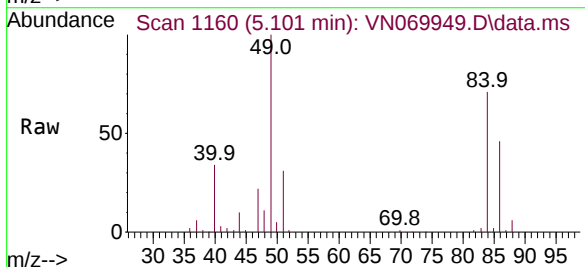
Instrument :
MSVOA_N
ClientSampleId :
TP-7D

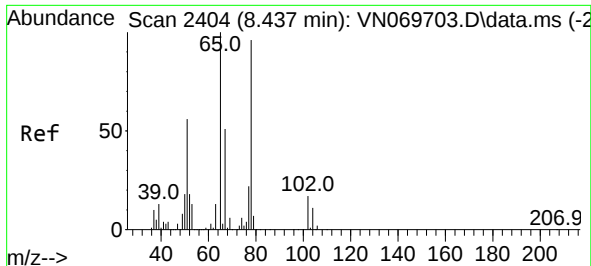
Tgt Ion: 43 Resp: 52206
Ion Ratio Lower Upper
43 100
74 19.1 19.4 29.2#



#20
Methylene Chloride
Concen: 10.190 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

Tgt Ion: 84 Resp: 136707
Ion Ratio Lower Upper
84 100
49 141.2 93.5 140.3#
51 44.4 29.4 44.2#
86 64.9 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 53.695 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069949.D

Acq: 10 Dec 2021 8:01

Instrument :

MSVOA_N

ClientSampleId :

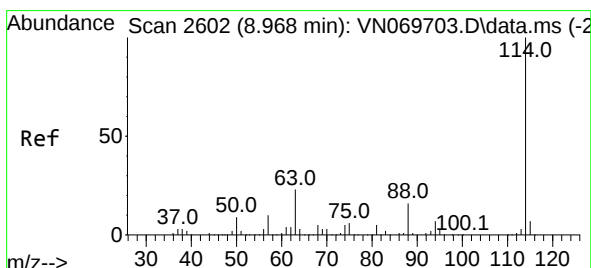
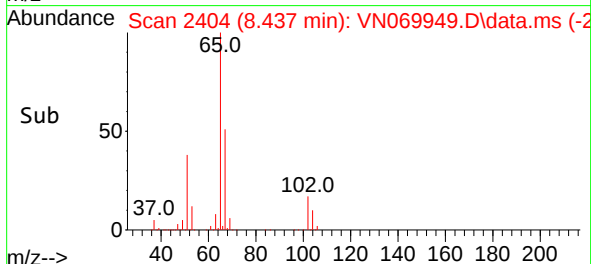
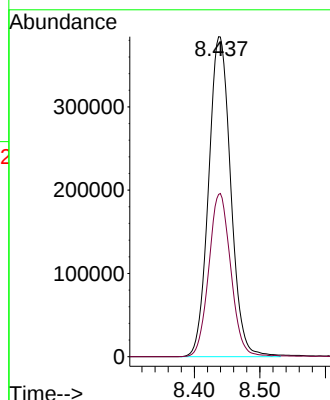
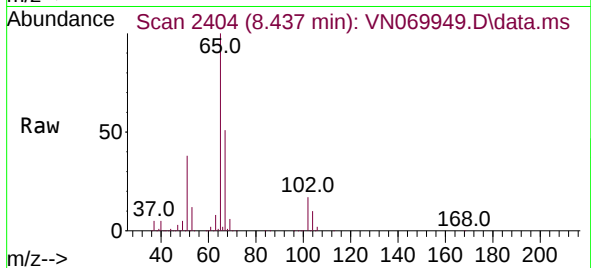
TP-7D

Tgt Ion: 65 Resp: 900850

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069949.D

Acq: 10 Dec 2021 8:01

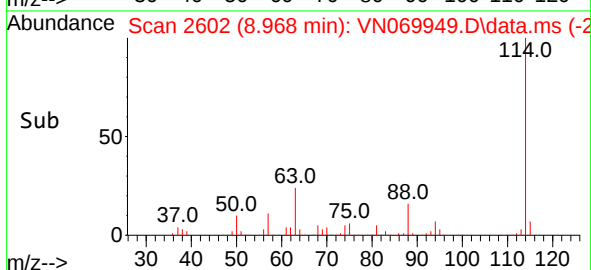
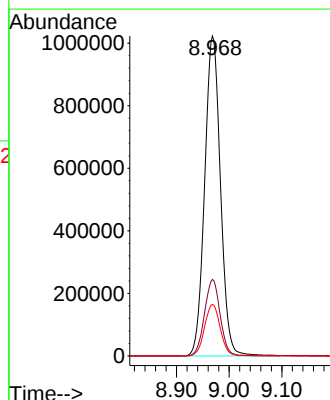
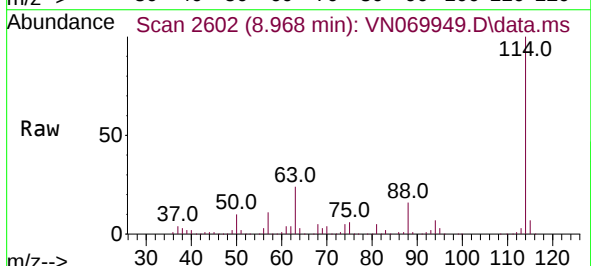
Tgt Ion: 114 Resp: 2131513

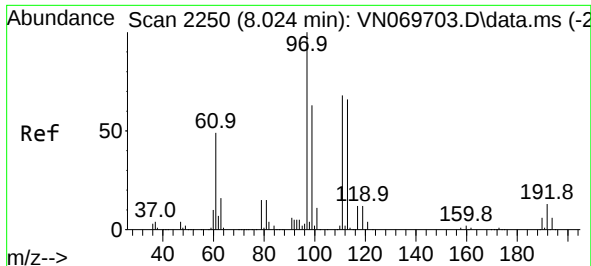
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.1 0.0 27.4

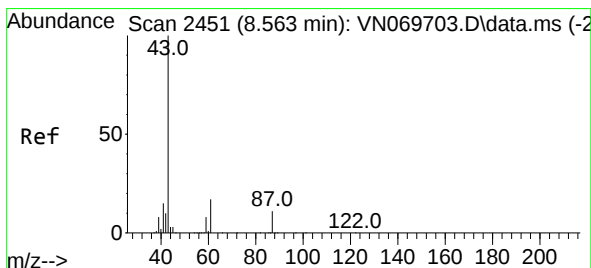
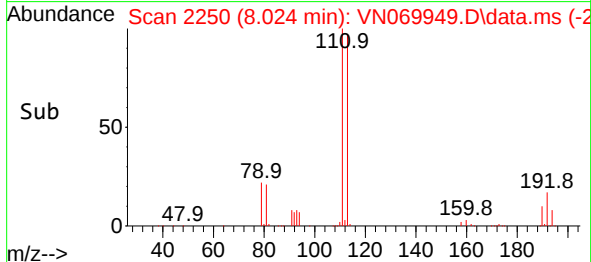
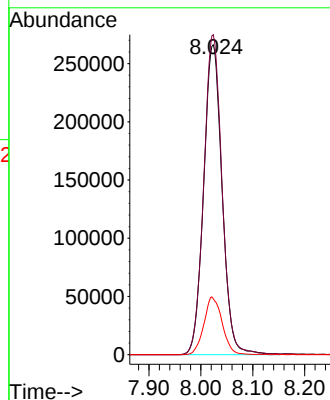
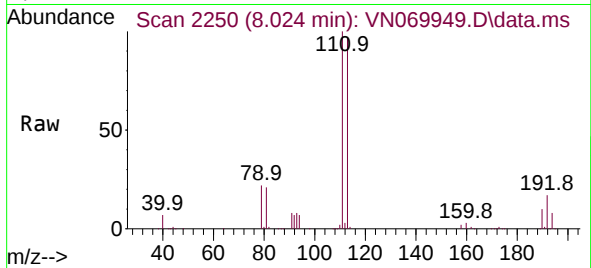




#35
Dibromofluoromethane
Concen: 49.236 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

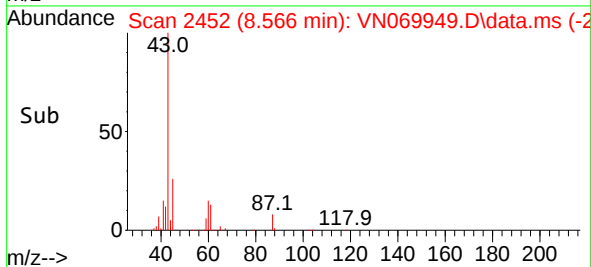
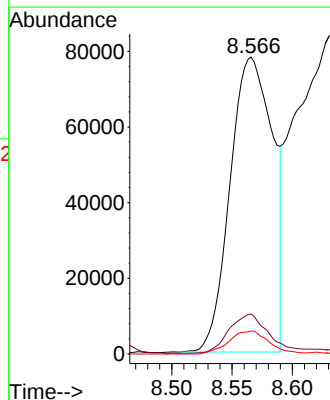
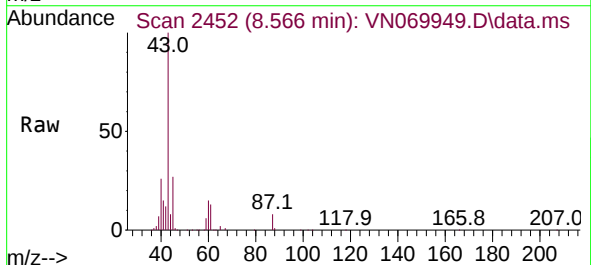
Instrument :
MSVOA_N
ClientSampleId :
TP-7D

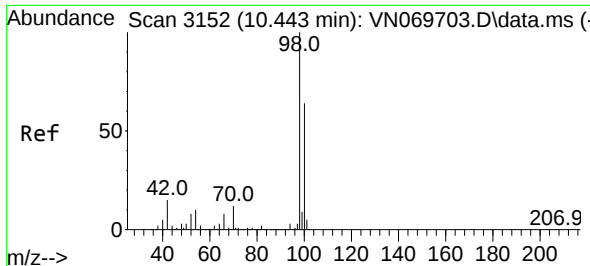
Tgt Ion:113 Resp: 657367
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.5 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.305 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

Tgt Ion: 43 Resp: 192411
Ion Ratio Lower Upper
43 100
61 13.2 20.4 30.6#
87 7.2 11.2 16.8#

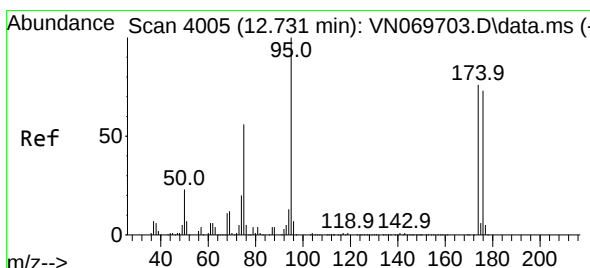
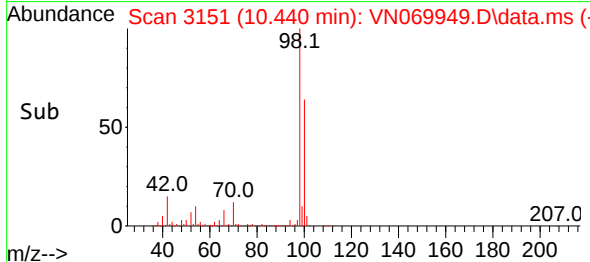
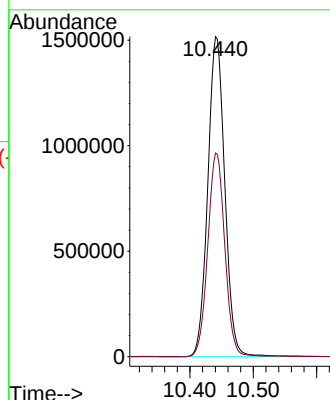
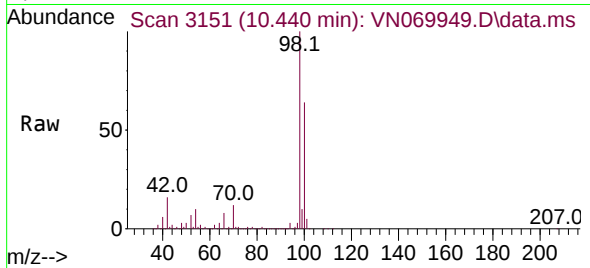




#50
Toluene-d8
Concen: 52.721 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

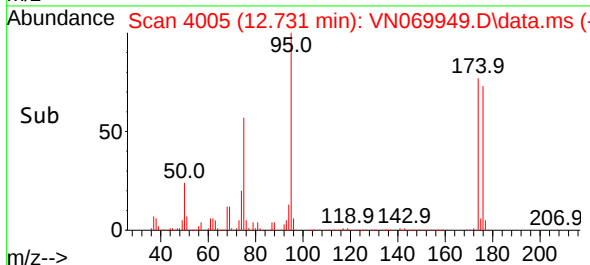
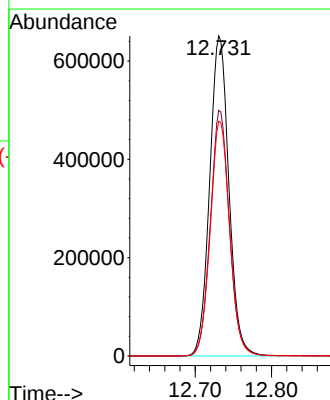
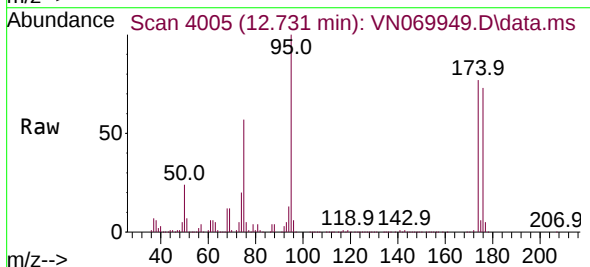
Instrument :
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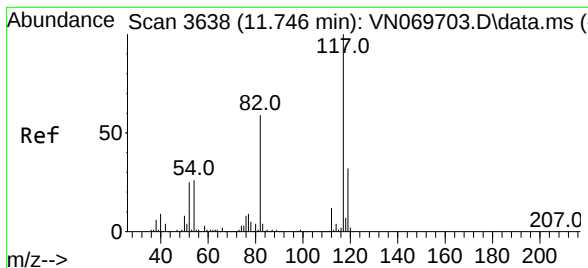
Tgt Ion: 98 Resp: 2826369
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 58.554 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069949.D
Acq: 10 Dec 2021 8:01

Tgt Ion: 95 Resp: 1137230
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 74.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN069949.D

Acq: 10 Dec 2021 8:01

Instrument :

MSVOA_N

ClientSampleId :

TP-7D

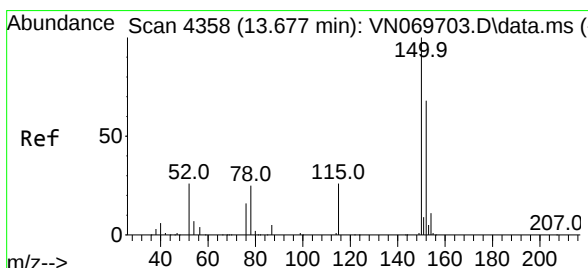
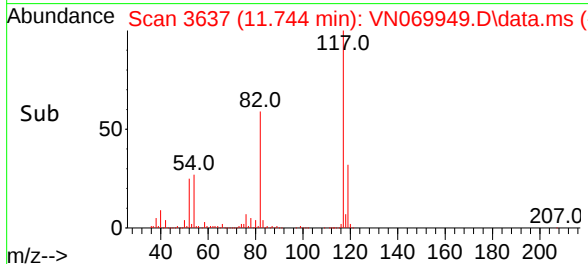
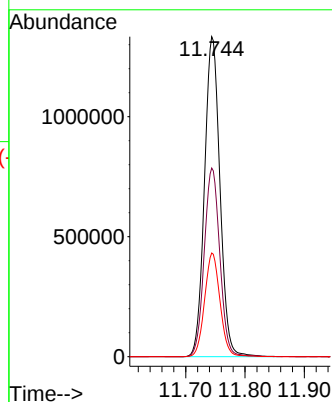
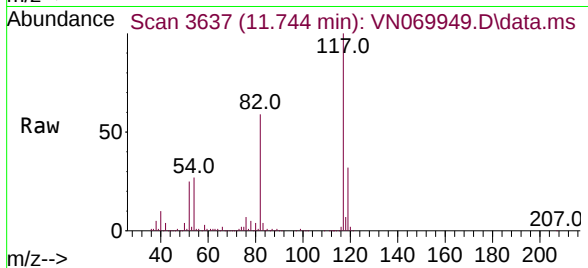
Tgt Ion:117 Resp: 2411566

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 32.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.003 min

Lab File: VN069949.D

Acq: 10 Dec 2021 8:01

Tgt Ion:152 Resp: 972340

Ion Ratio Lower Upper

152 100

115 60.1 27.5 82.5

150 156.3 0.0 344.4

