

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070051.D
 Acq On : 14 Dec 2021 00:33
 Operator : JC/MD
 Sample : M5007-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-06

Quant Time: Dec 14 07:30:04 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)

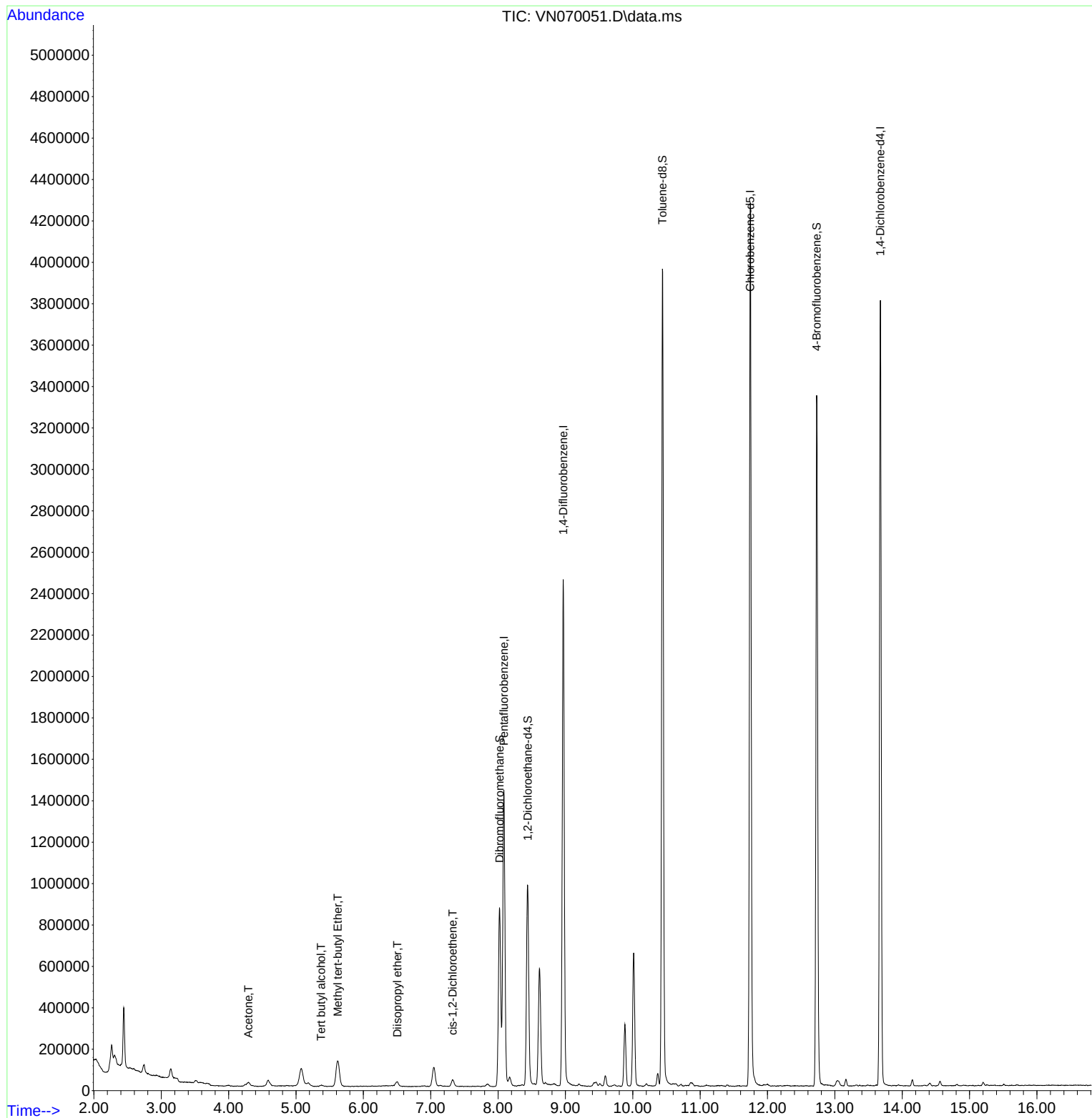
Internal Standards						
1) Pentafluorobenzene	8.086	168	1045283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2017565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2364969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1005836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	852931	52.848	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.700%
35) Dibromofluoromethane	8.021	113	628549	49.736	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.480%
50) Toluene-d8	10.441	98	2698992	53.188	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.731	95	1175252	63.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	127.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.374	59	8897	2.916	ug/l #	71
16) Acetone	4.293	43	34325	3.536	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	178119	4.601	ug/l #	90
22) Diisopropyl ether	6.503	45	28413	0.648	ug/l #	87
27) cis-1,2-Dichloroethene	7.327	96	14591	1.117	ug/l	99

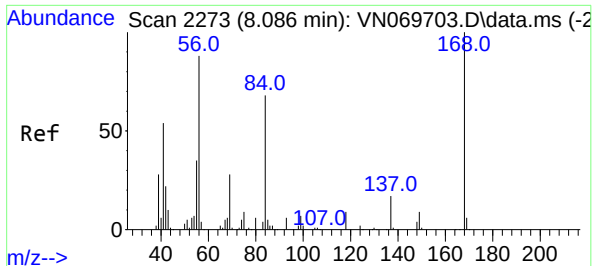
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070051.D
Acq On : 14 Dec 2021 00:33
Operator : JC/MD
Sample : M5007-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

Quant Time: Dec 14 07:30:04 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

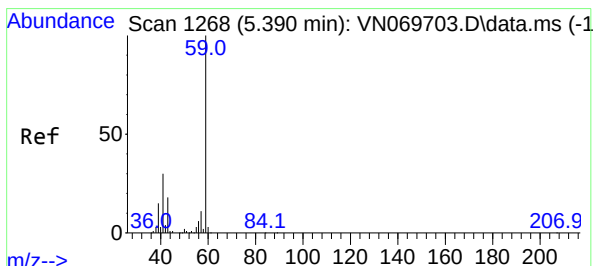
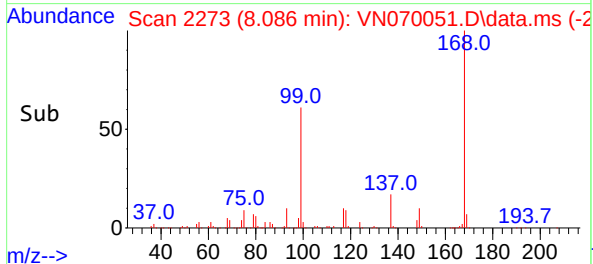
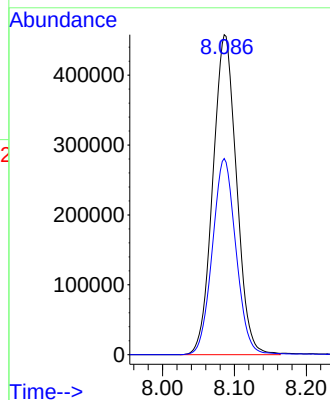
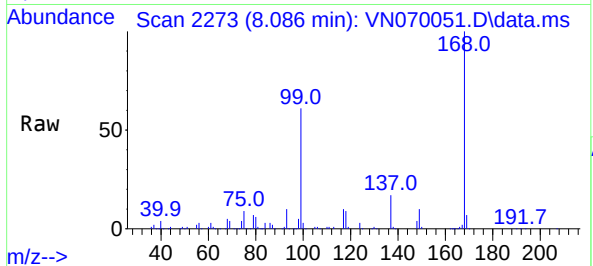




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

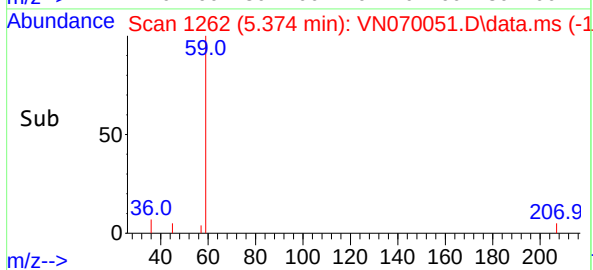
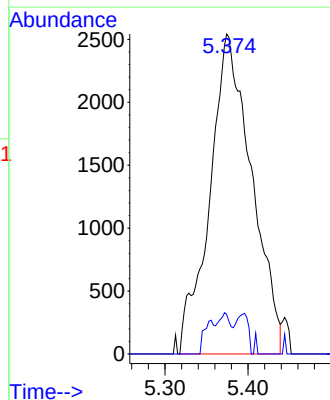
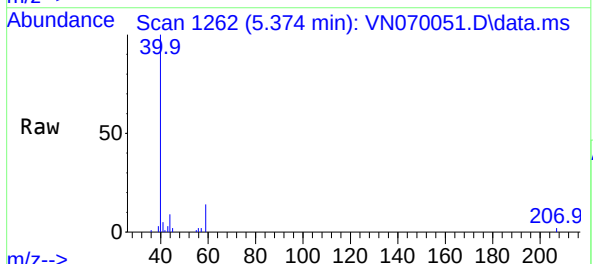
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

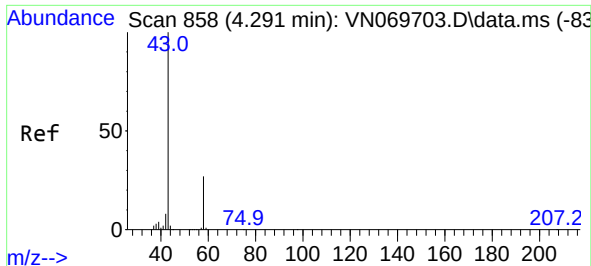
Tgt Ion:168 Resp: 1045283
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.916 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

Tgt Ion: 59 Resp: 8897
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

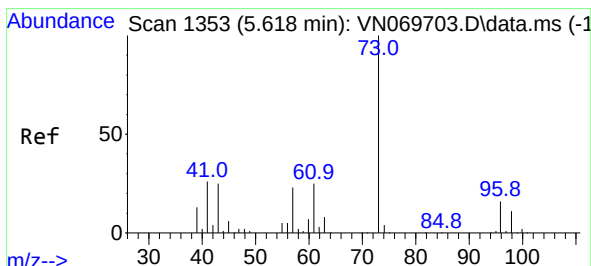
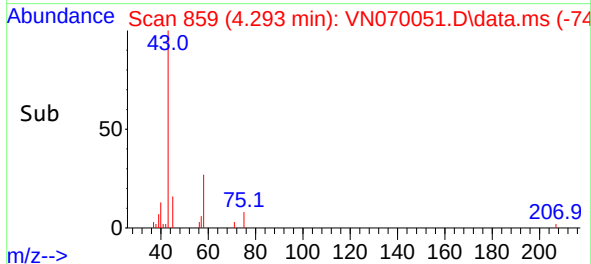
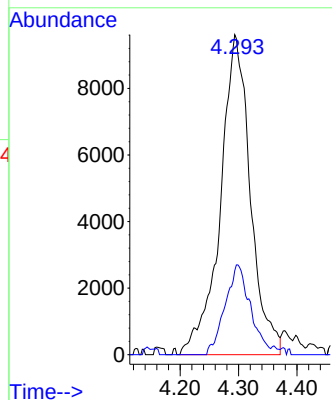
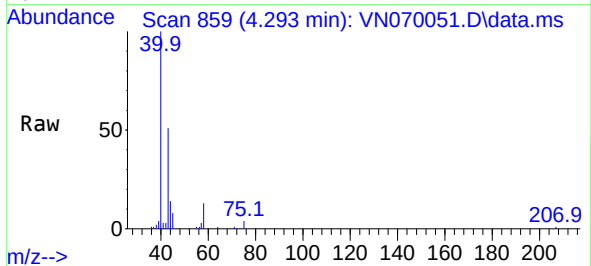




#16
Acetone
Concen: 3.536 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

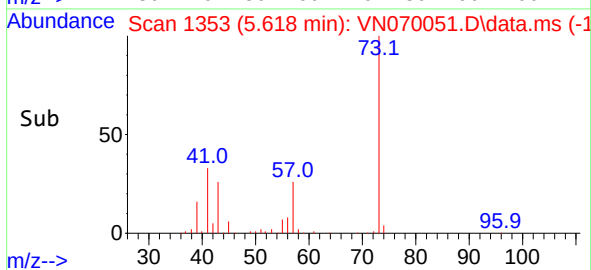
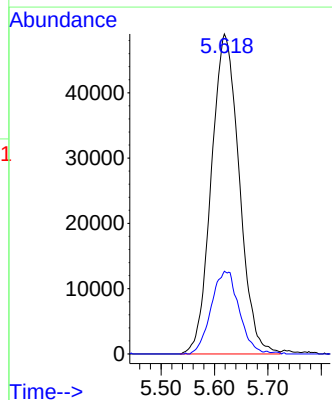
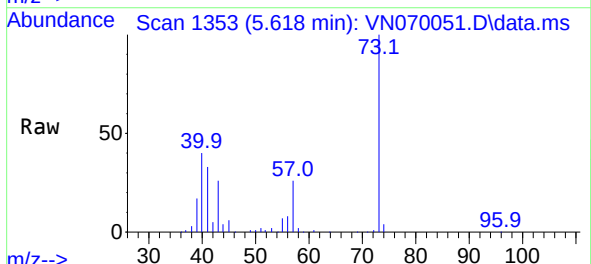
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

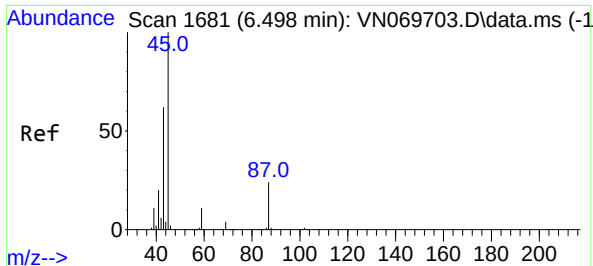
Tgt Ion: 43 Resp: 34325
Ion Ratio Lower Upper
43 100
58 26.3 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 4.601 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

Tgt Ion: 73 Resp: 178119
Ion Ratio Lower Upper
73 100
57 25.8 16.8 25.2#

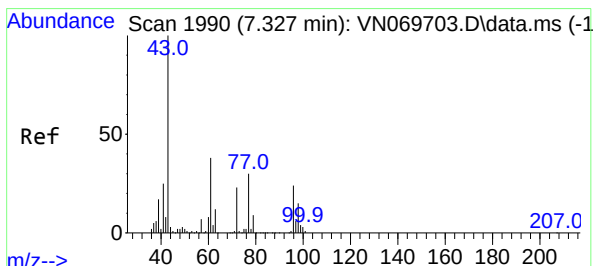
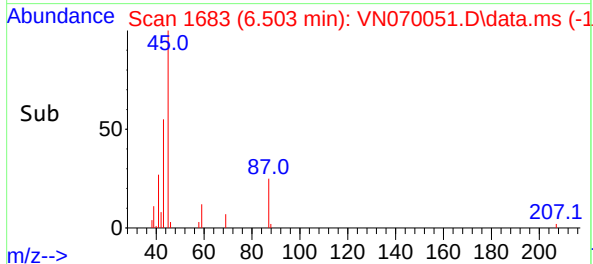
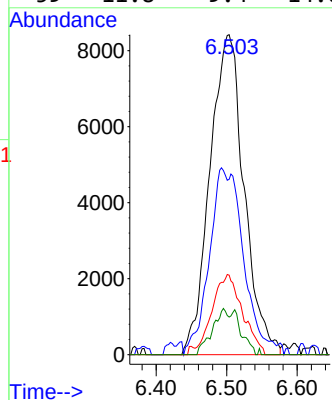
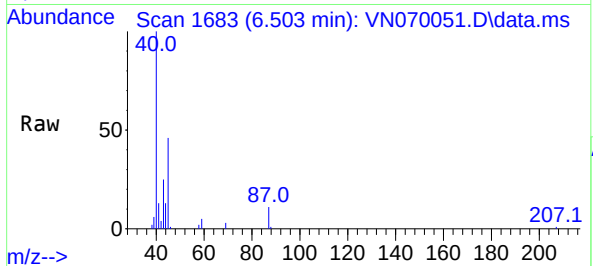




#22
Diisopropyl ether
Concen: 0.648 ug/l
RT: 6.503 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

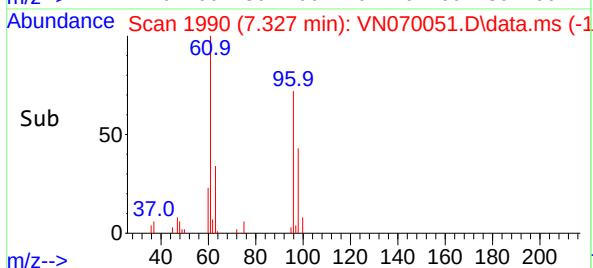
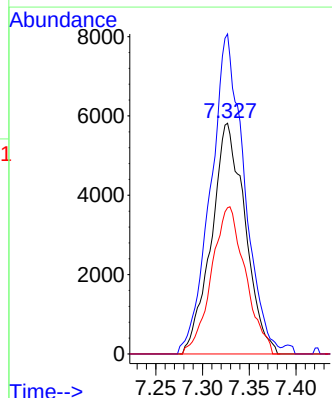
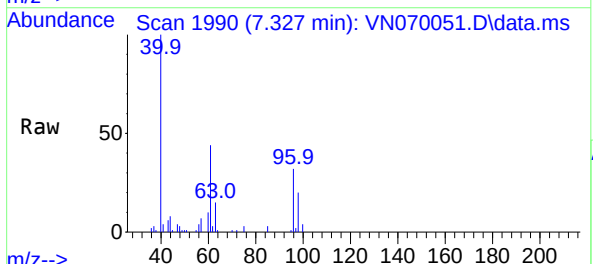
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

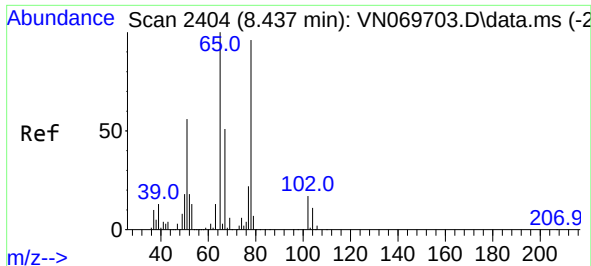
Tgt Ion: 45	Resp: 28413
Ion Ratio	Lower Upper
45 100	
43 51.2	51.7 77.5#
87 24.8	23.2 34.8
59 11.8	9.4 14.0



#27
cis-1,2-Dichloroethene
Concen: 1.117 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

Tgt Ion: 96	Resp: 14591
Ion Ratio	Lower Upper
96 100	
61 138.9	0.0 275.0
98 64.2	0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 52.848 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070051.D

Acq: 14 Dec 2021 00:33

Instrument :

MSVOA_N

ClientSampleId :

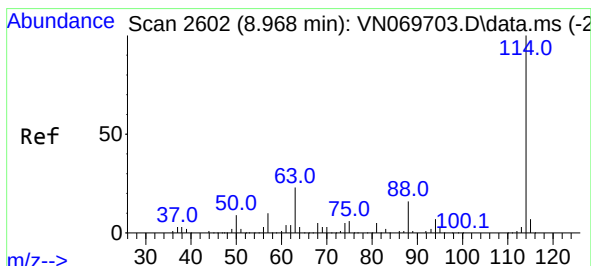
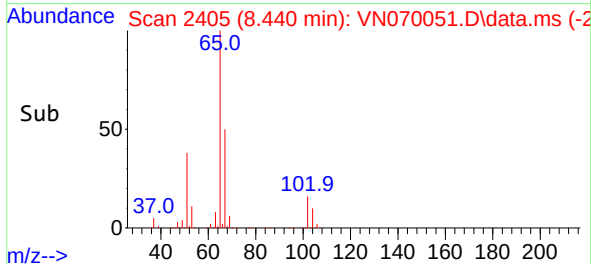
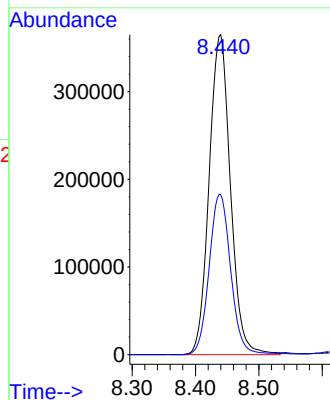
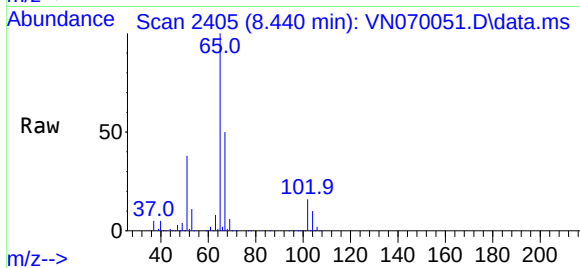
TOLL-MW-06

Tgt Ion: 65 Resp: 852931

Ion Ratio Lower Upper

65 100

67 50.8 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: VN070051.D

Acq: 14 Dec 2021 00:33

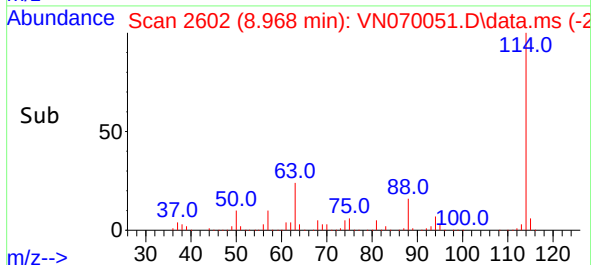
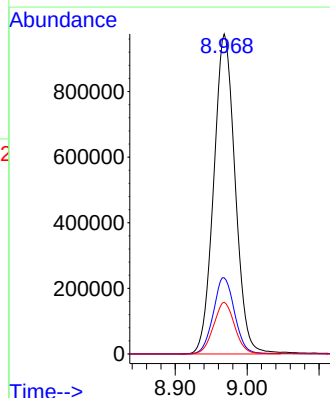
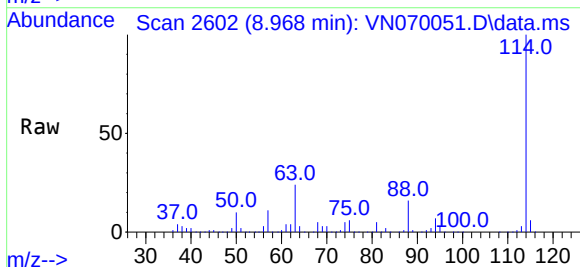
Tgt Ion: 114 Resp: 2017565

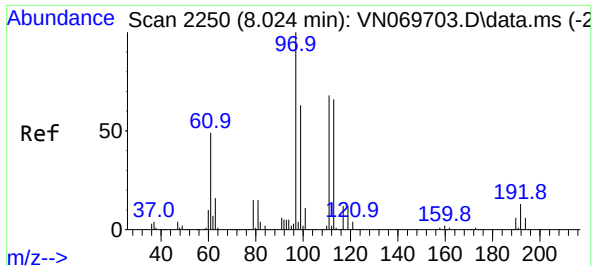
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.2 0.0 27.4

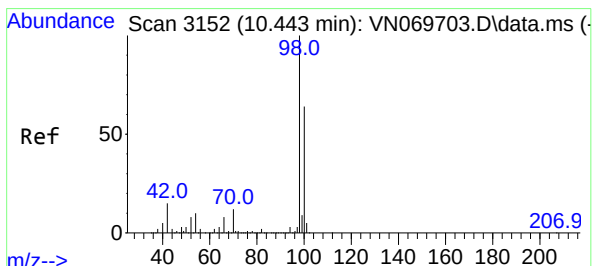
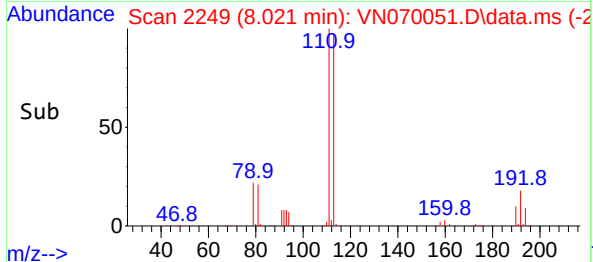
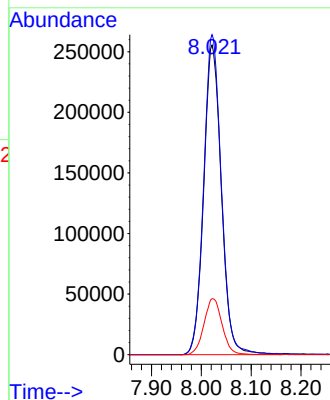
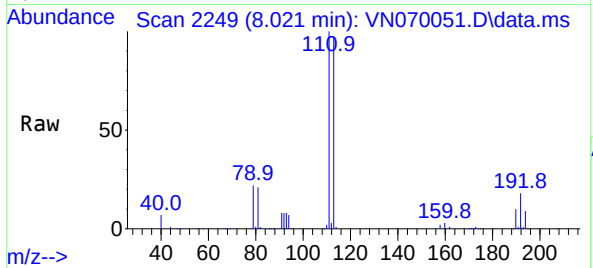




#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

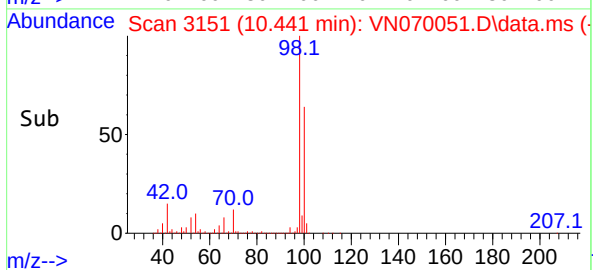
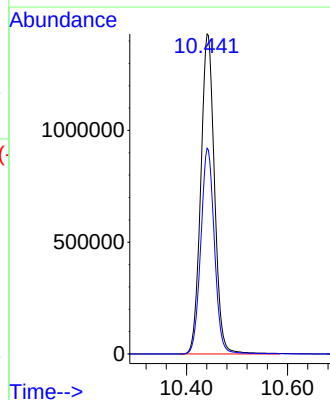
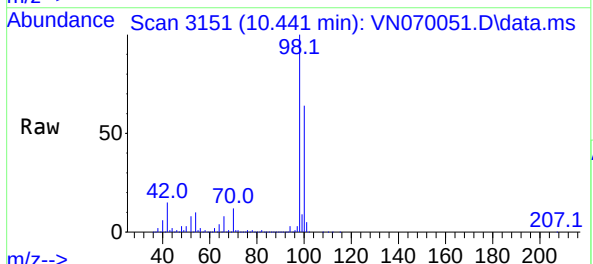
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

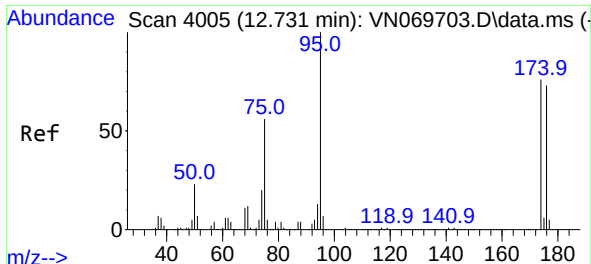
Tgt Ion:113 Resp: 628549
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.6 16.9 25.3



#50
Toluene-d8
Concen: 53.188 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

Tgt Ion: 98 Resp: 2698992
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6

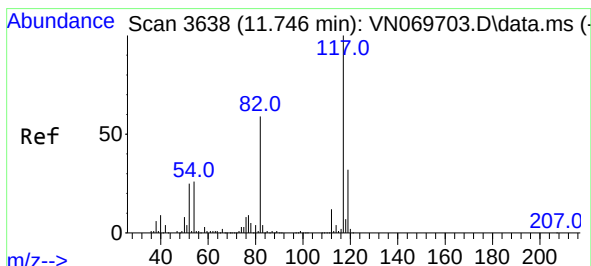
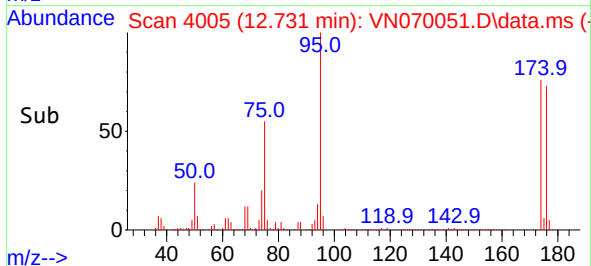
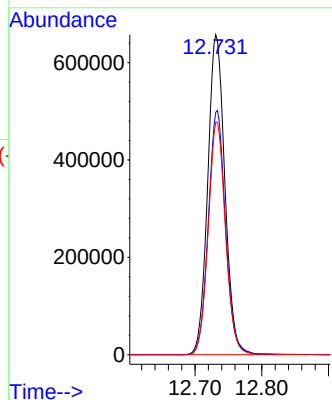
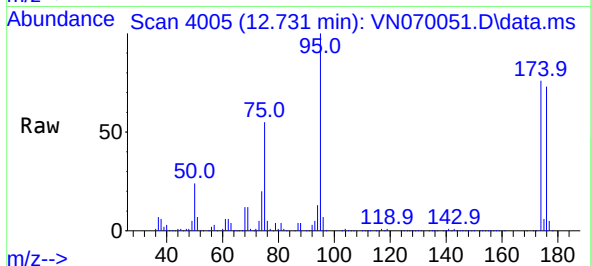




#62
4-Bromofluorobenzene
Concen: 63.930 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

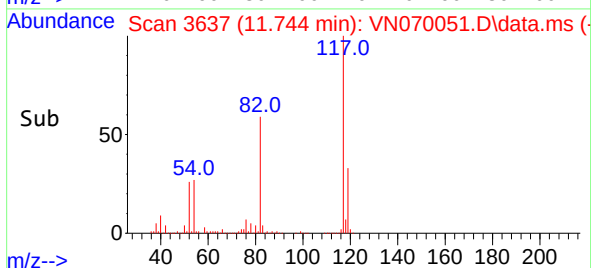
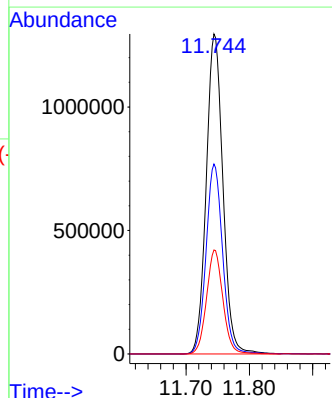
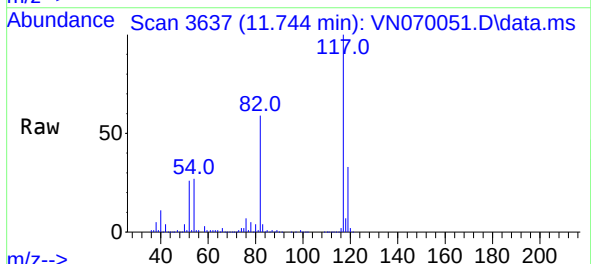
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

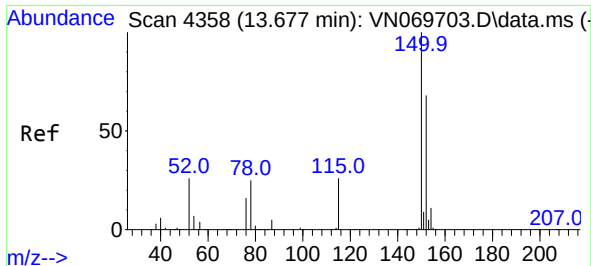
Tgt Ion: 95 Resp: 1175252
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070051.D
Acq: 14 Dec 2021 00:33

Tgt Ion: 117 Resp: 2364969
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN070051.D

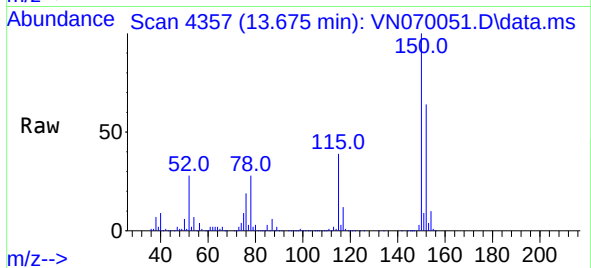
Acq: 14 Dec 2021 00:33

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06



Tgt Ion:152 Resp: 1005836

Ion	Ratio	Lower	Upper
152	100		
115	61.2	27.5	82.5
150	156.5	0.0	344.4

