

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070053.D
 Acq On : 14 Dec 2021 1:24
 Operator : JC/MD
 Sample : M5007-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-08

Quant Time: Dec 14 07:30:31 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)

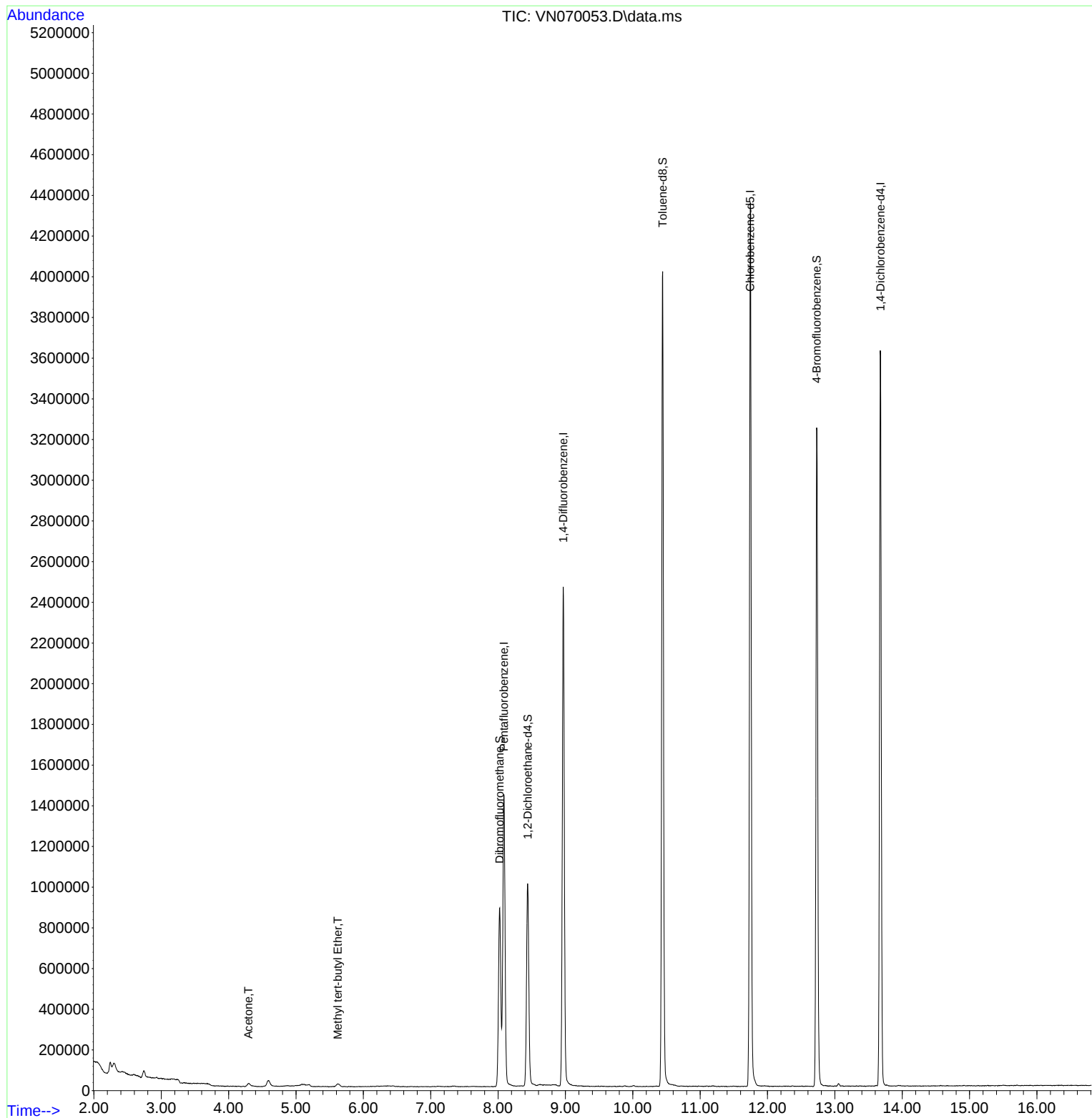
Internal Standards						
1) Pentafluorobenzene	8.088	168	1060469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2024170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2399839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	965288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	863546	52.740	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.480%	
35) Dibromofluoromethane	8.024	113	640265	50.498	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.000%	
50) Toluene-d8	10.443	98	2714003	53.310	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.731	95	1152423	62.483	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 124.960%	
Target Compounds						Qvalue
16) Acetone	4.293	43	24766	2.514	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	19560	0.498	ug/l #	89

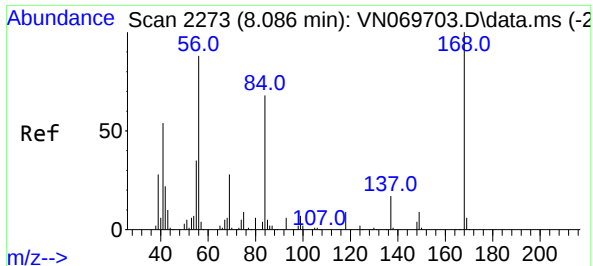
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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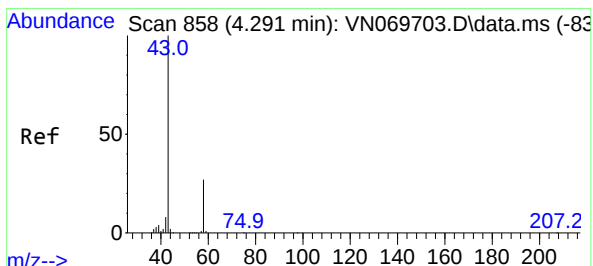
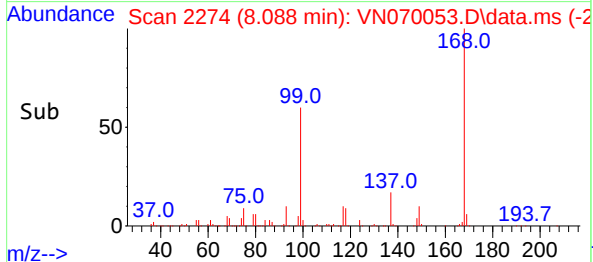
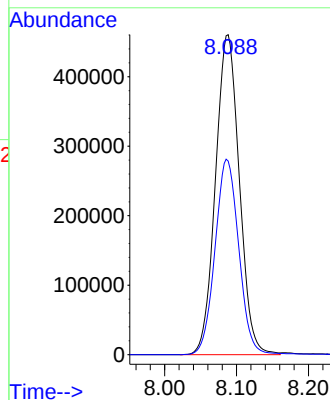
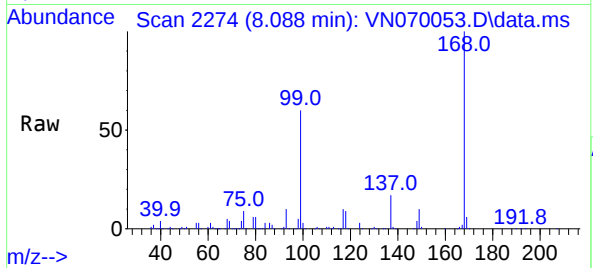




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

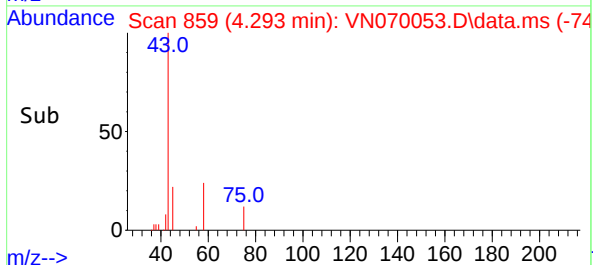
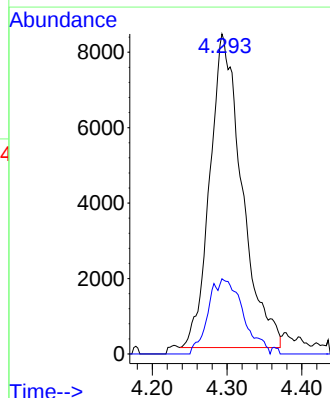
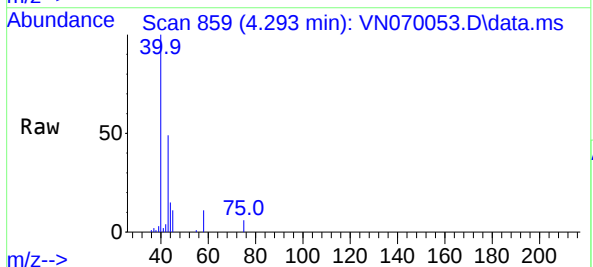
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

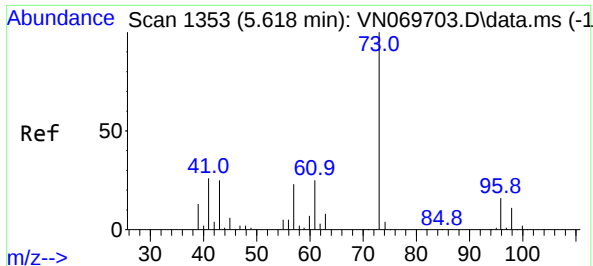
Tgt Ion:168 Resp: 1060469
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#16
Acetone
Concen: 2.514 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

Tgt Ion: 43 Resp: 24766
Ion Ratio Lower Upper
43 100
58 24.0 23.1 34.7

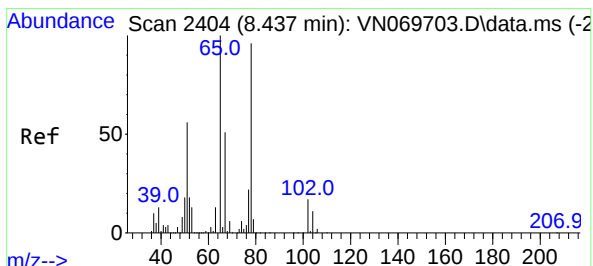
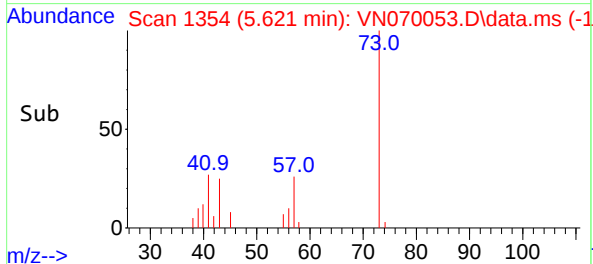
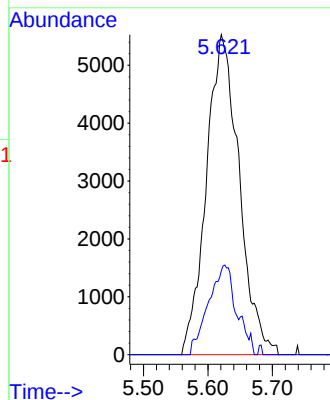
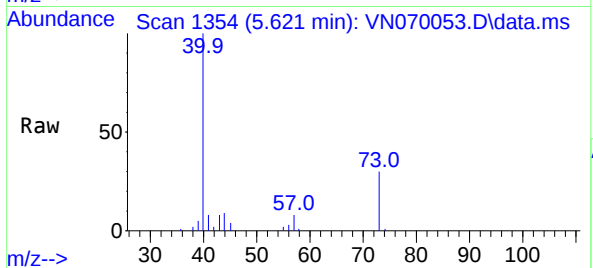




#19
Methyl tert-butyl Ether
Concen: 0.498 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

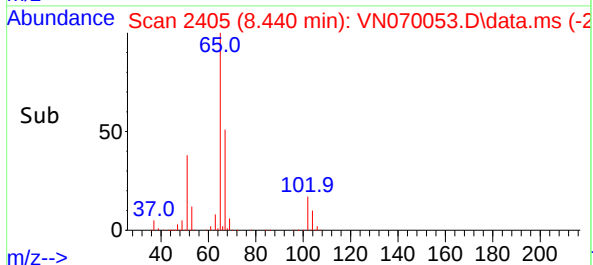
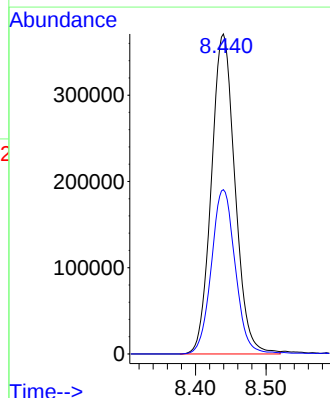
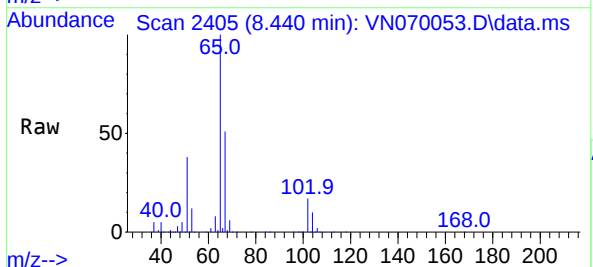
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

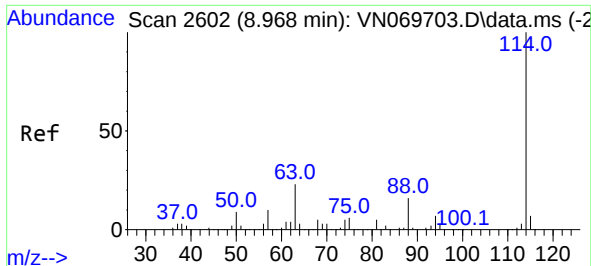
Tgt Ion: 73 Resp: 19560
Ion Ratio Lower Upper
73 100
57 26.2 16.8 25.2#



#33
1,2-Dichloroethane-d4
Concen: 52.740 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

Tgt Ion: 65 Resp: 863546
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN070053.D

Acq: 14 Dec 2021 1:24

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-08

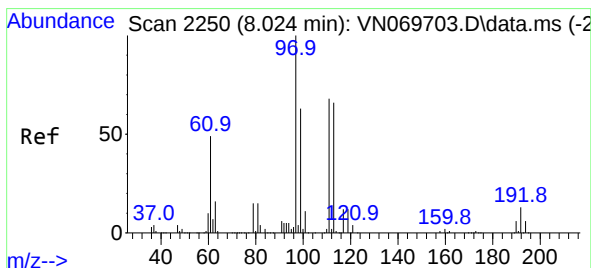
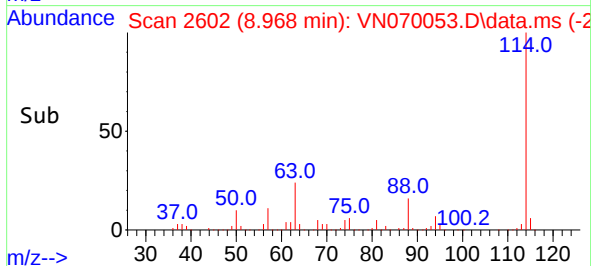
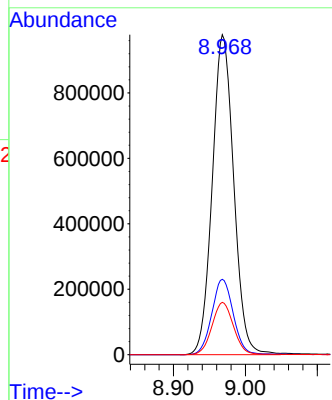
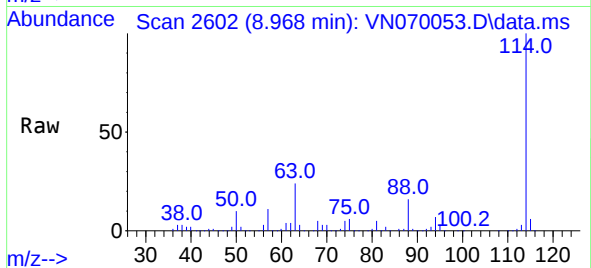
Tgt Ion:114 Resp: 2024170

Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 50.498 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN070053.D

Acq: 14 Dec 2021 1:24

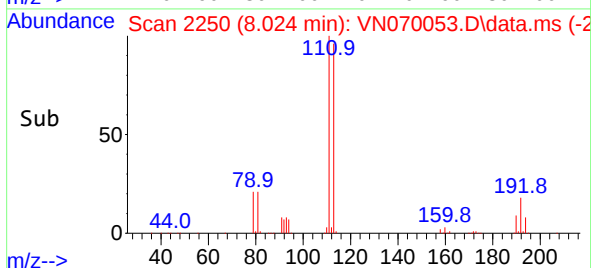
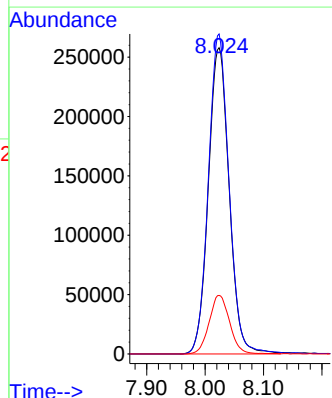
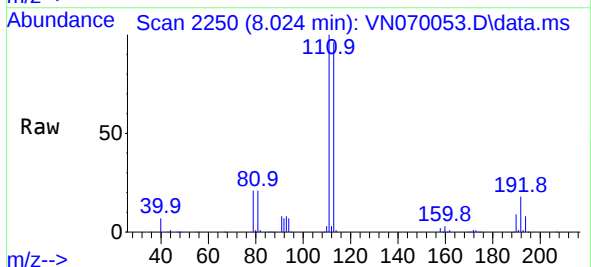
Tgt Ion:113 Resp: 640265

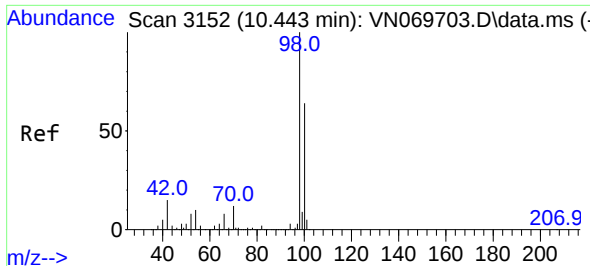
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 18.7 16.9 25.3

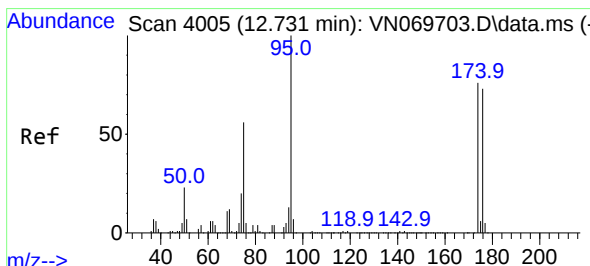
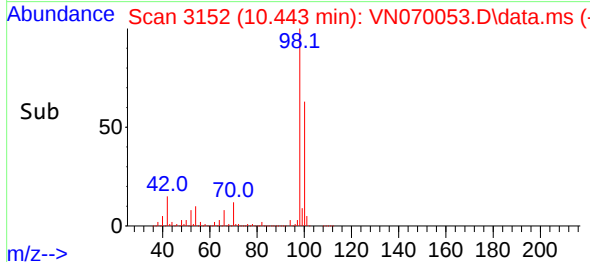
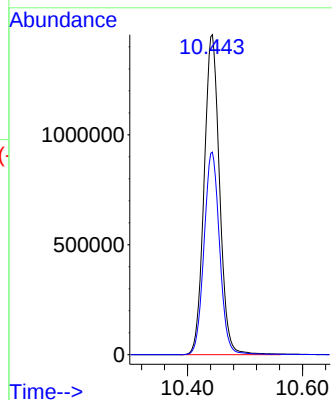
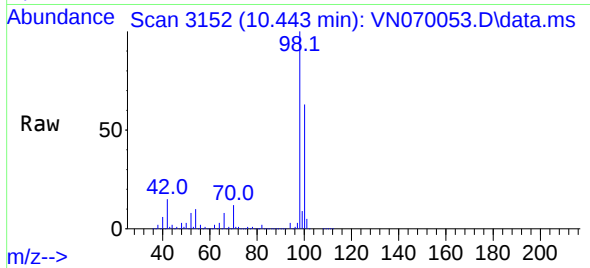




#50
Toluene-d8
Concen: 53.310 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

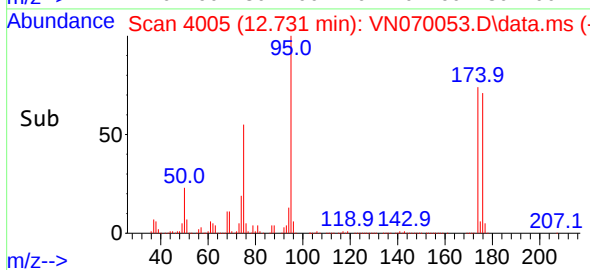
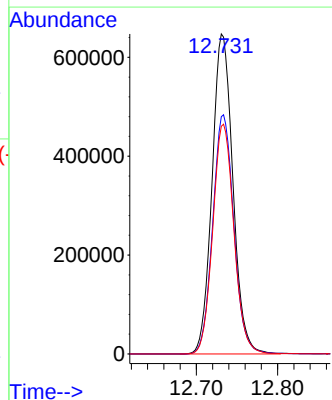
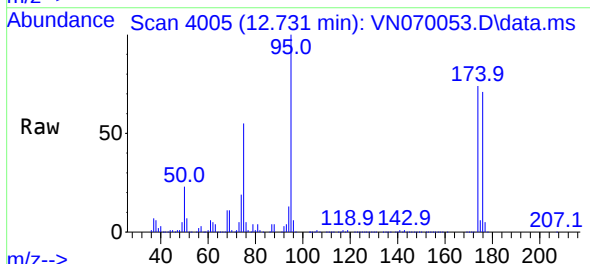
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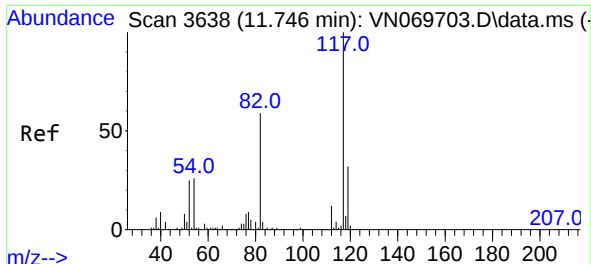
Tgt Ion: 98 Resp: 2714003
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 62.483 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

Tgt Ion: 95 Resp: 1152423
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.0 0.0 181.4



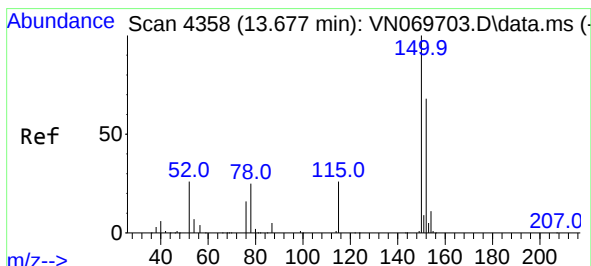
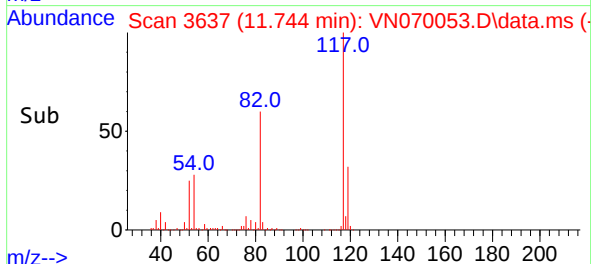
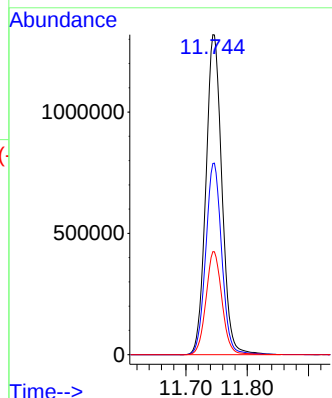
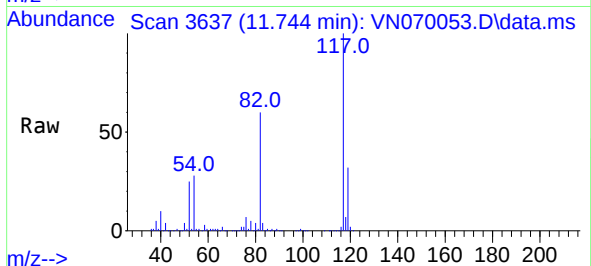


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-08

Tgt Ion:117 Resp: 2399839

Ion	Ratio	Lower	Upper
117	100		
82	59.7	42.4	63.6
119	32.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070053.D
Acq: 14 Dec 2021 1:24

Tgt Ion:152 Resp: 965288

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	156.1	0.0	344.4

