

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070406.D
 Acq On : 30 Dec 2021 18:06
 Operator : JC/MD
 Sample : M5212-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63

Quant Time: Dec 31 05:21:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

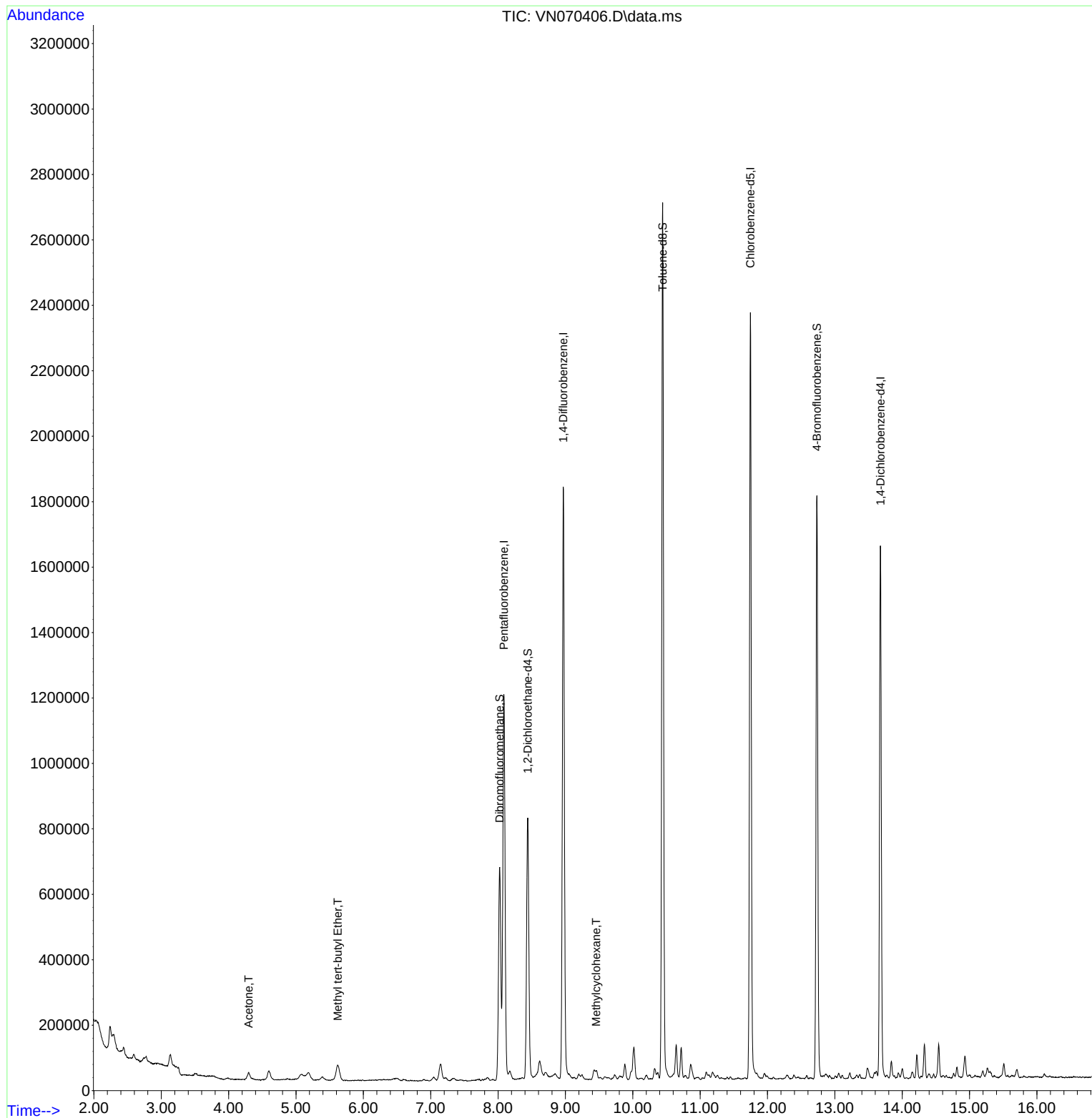
Internal Standards						
1) Pentafluorobenzene	8.086	168	870589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1504090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1342315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	447439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	672310	53.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.42%			
35) Dibromofluoromethane	8.024	113	478353	52.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.12%			
50) Toluene-d8	10.443	98	1821702	49.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.00%			
62) 4-Bromofluorobenzene	12.734	95	639583	47.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.26%			
Target Compounds						
						Qvalue
16) Acetone	4.296	43	34559	4.25	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	58250	1.77	ug/l #	71
39) Methylcyclohexane	9.456	83	10459	0.57	ug/l #	86

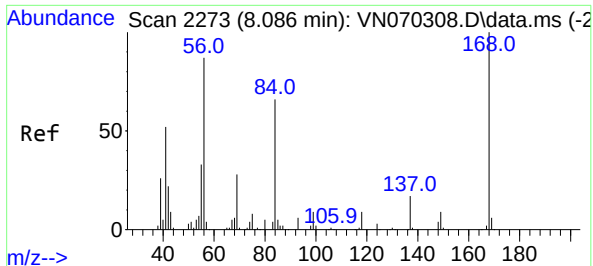
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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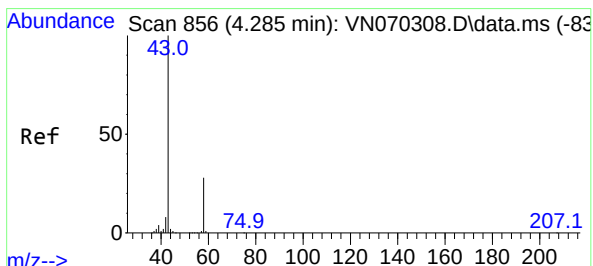
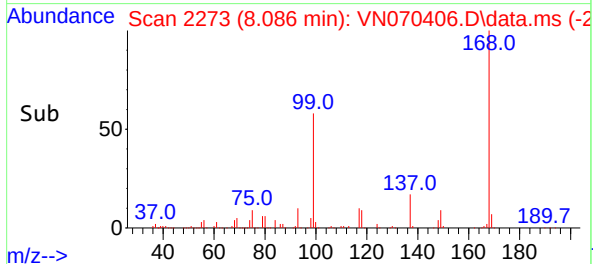
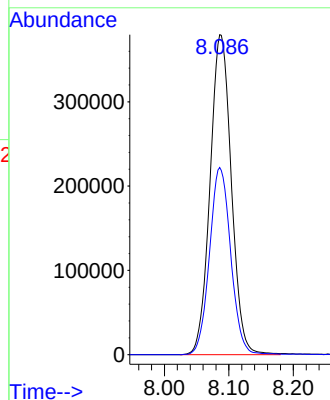
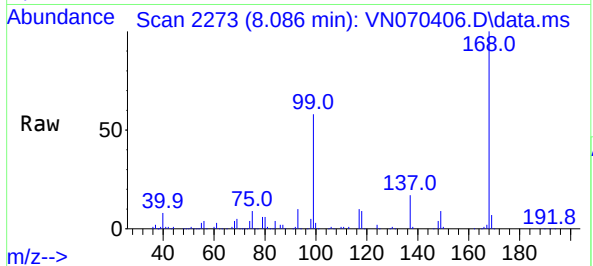




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070406.D
Acq: 30 Dec 2021 18:06

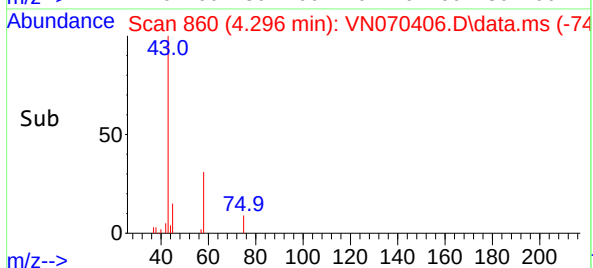
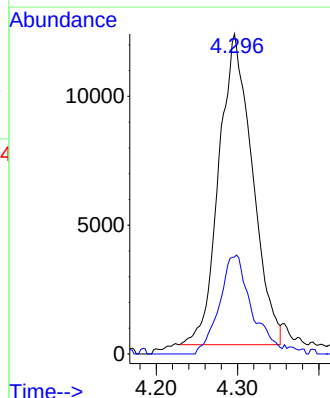
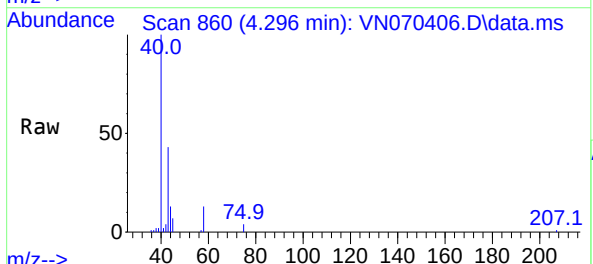
Instrument :
MSVOA_N
ClientSampleId :
MW-63

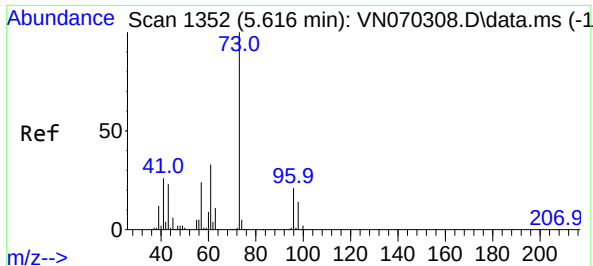
Tgt Ion:168 Resp: 870589
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



#16
Acetone
Concen: 4.25 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070406.D
Acq: 30 Dec 2021 18:06

Tgt Ion: 43 Resp: 34559
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 1.77 ug/l

RT: 5.621 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070406.D

Acq: 30 Dec 2021 18:06

Instrument :

MSVOA_N

ClientSampleId :

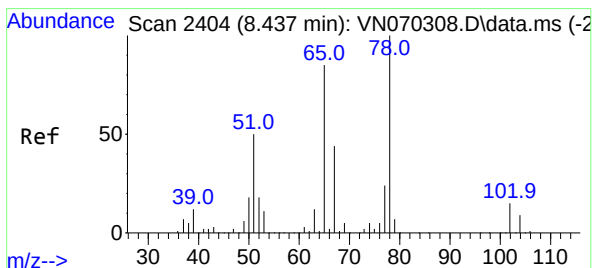
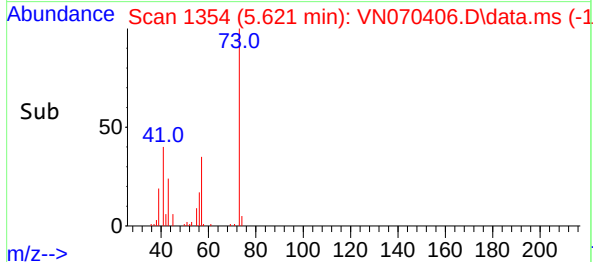
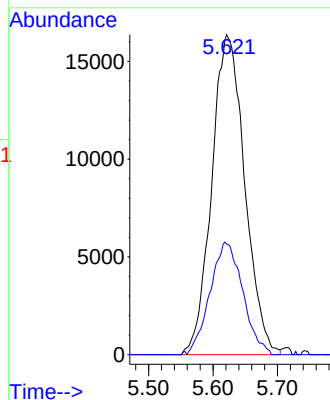
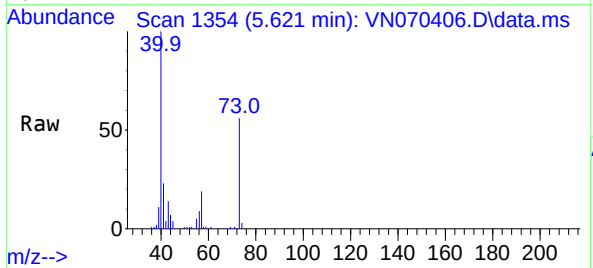
MW-63

Tgt Ion: 73 Resp: 58250

Ion Ratio Lower Upper

73 100

57 34.6 16.8 25.2#



#33

1,2-Dichloroethane-d4

Concen: 53.71 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070406.D

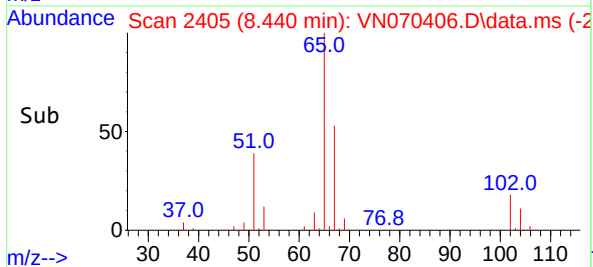
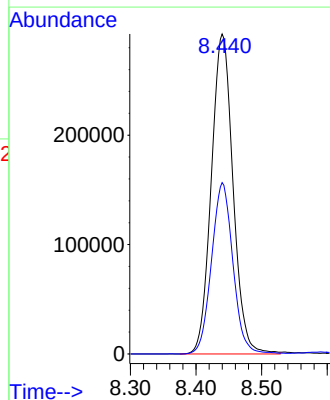
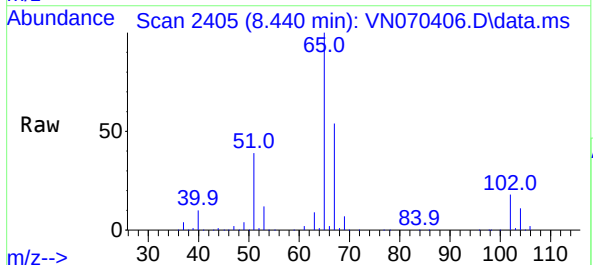
Acq: 30 Dec 2021 18:06

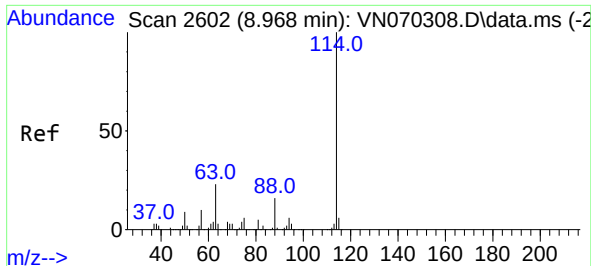
Tgt Ion: 65 Resp: 672310

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.0

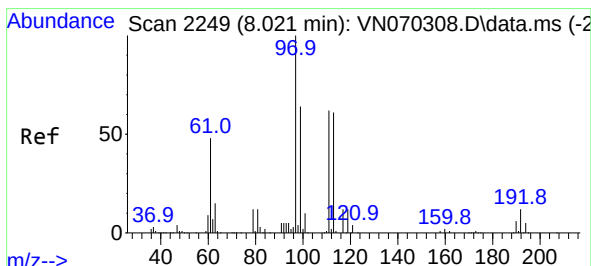
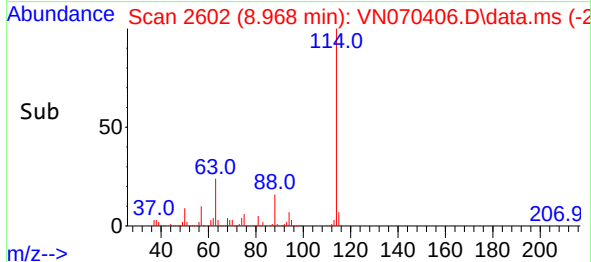
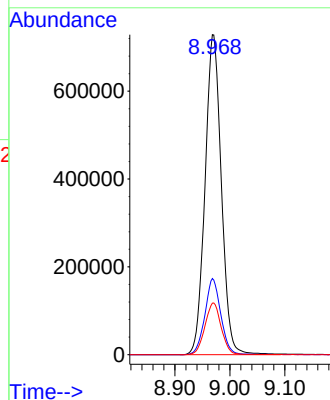
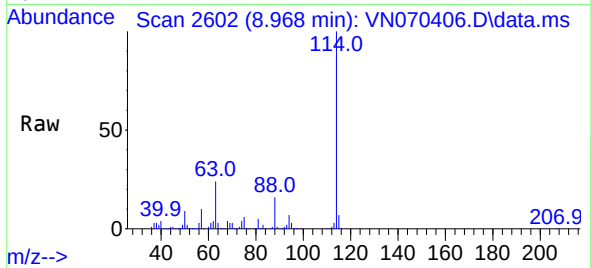




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN070406.D
Acq: 30 Dec 2021 18:06

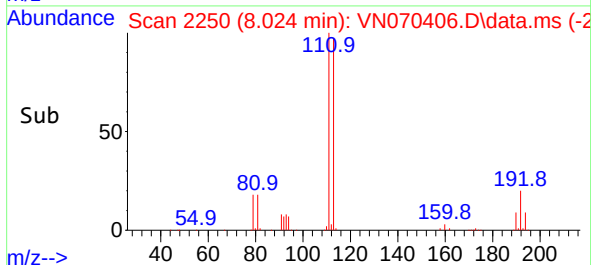
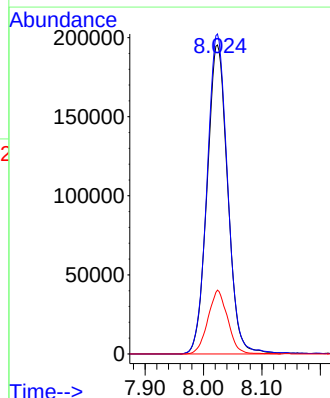
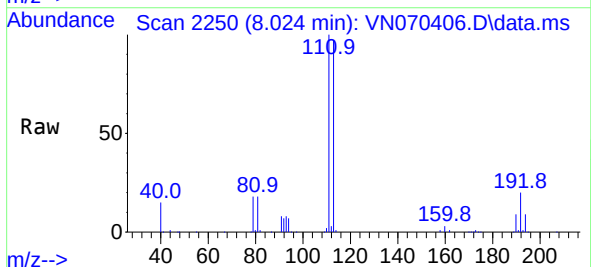
Instrument :
MSVOA_N
ClientSampleId :
MW-63

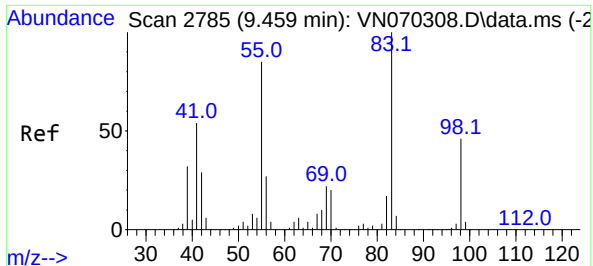
Tgt Ion:114 Resp: 1504090
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.56 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070406.D
Acq: 30 Dec 2021 18:06

Tgt Ion:113 Resp: 478353
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 19.8 16.9 25.3





#39

Methylcyclohexane

Concen: 0.57 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070406.D

Acq: 30 Dec 2021 18:06

Instrument :

MSVOA_N

ClientSampleId :

MW-63

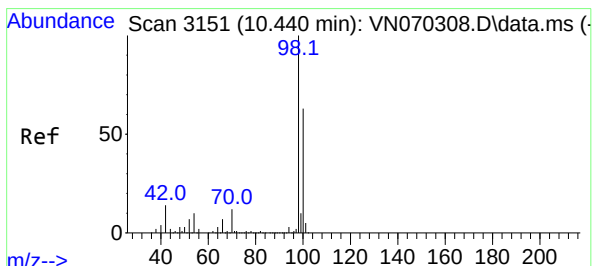
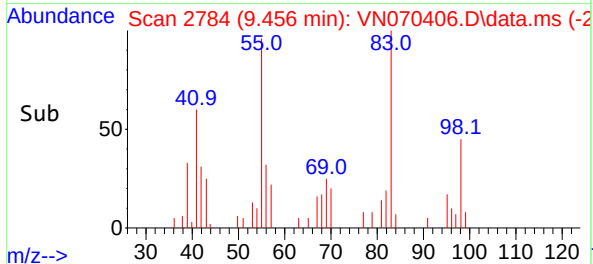
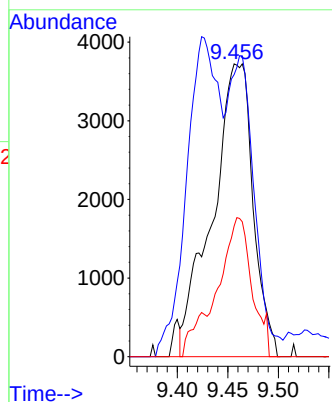
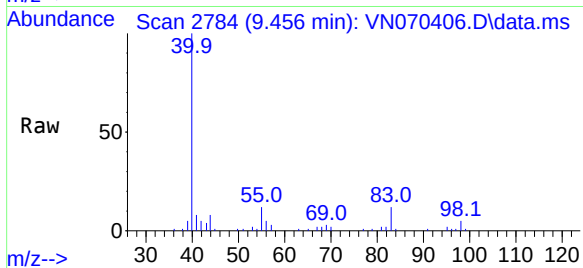
Tgt Ion: 83 Resp: 10459

Ion Ratio Lower Upper

83 100

55 89.8 58.1 87.1#

98 44.6 38.4 57.6



#50

Toluene-d8

Concen: 49.00 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070406.D

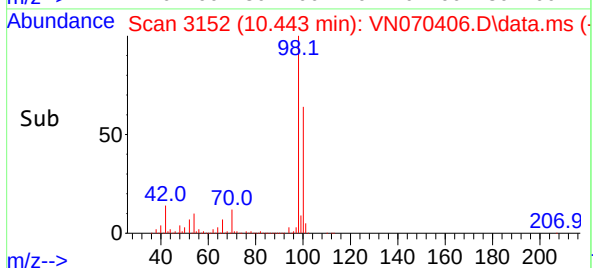
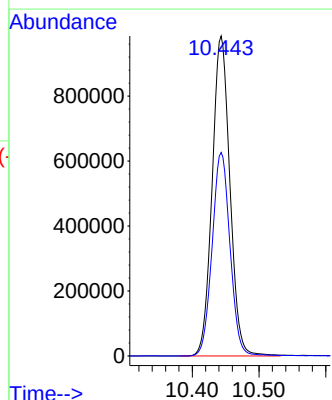
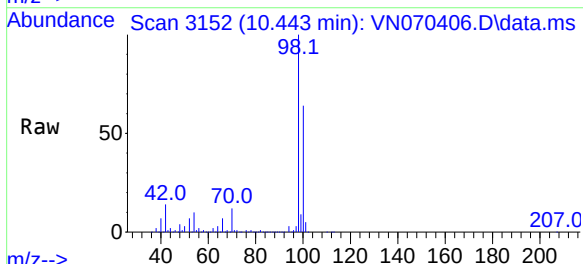
Acq: 30 Dec 2021 18:06

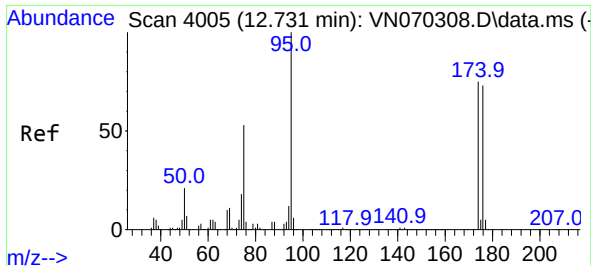
Tgt Ion: 98 Resp: 1821702

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6

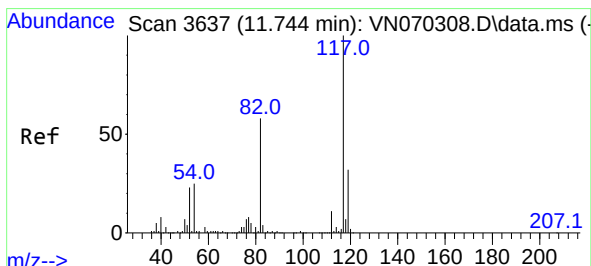
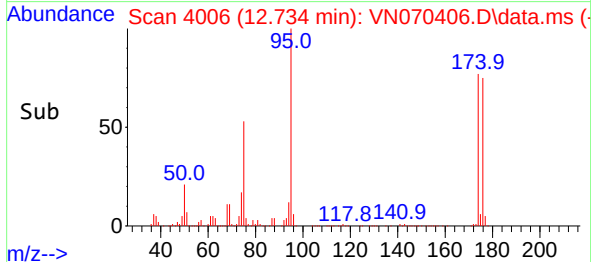
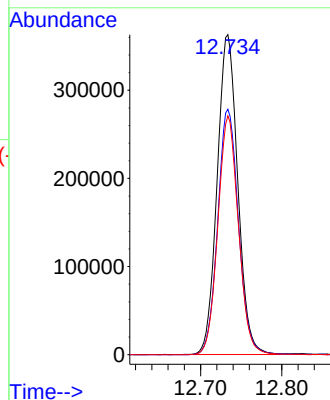
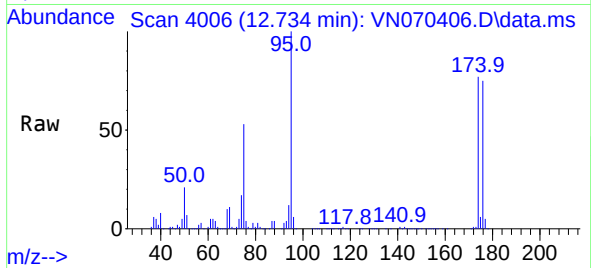




#62
4-Bromofluorobenzene
Concen: 47.63 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070406.D
Acq: 30 Dec 2021 18:06

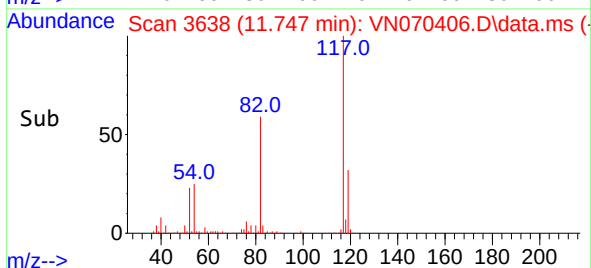
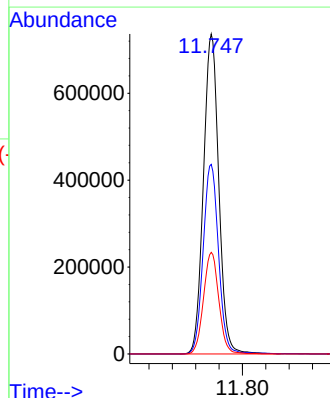
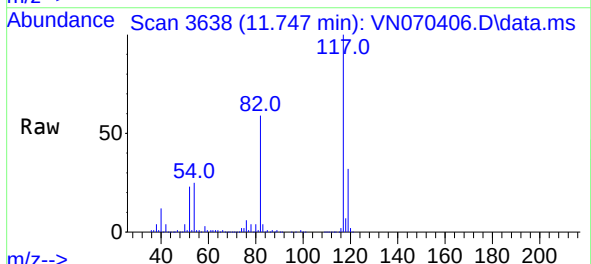
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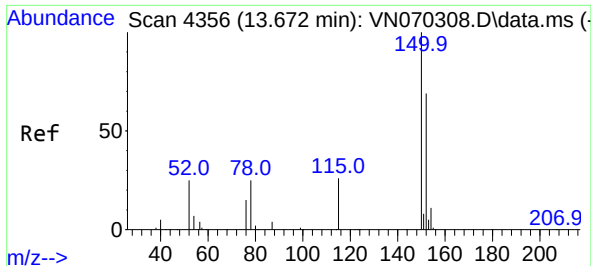
Tgt Ion: 95 Resp: 639583
Ion Ratio Lower Upper
95 100
174 77.6 0.0 187.2
176 74.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070406.D
Acq: 30 Dec 2021 18:06

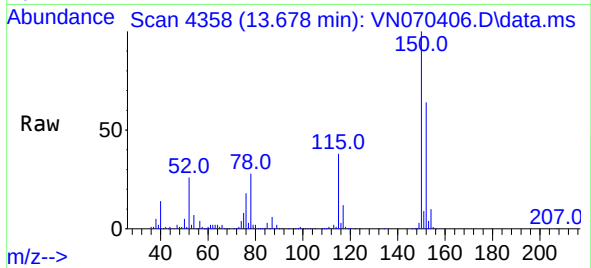
Tgt Ion: 117 Resp: 1342315
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN070406.D
 Acq: 30 Dec 2021 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-63



Tgt Ion:152 Resp: 447439

Ion	Ratio	Lower	Upper
152	100		
115	59.9	27.5	82.5
150	158.0	0.0	344.4

