

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070122.D
 Acq On : 15 Dec 2021 19:43
 Operator : JC/MD
 Sample : M4970-14RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3RE

Quant Time: Dec 16 05:41:31 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1173424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2243192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2648789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1103013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	935424	51.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.26%			
35) Dibromofluoromethane	8.024	113	652067	46.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.82%			
50) Toluene-d8	10.443	98	2999354	53.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.32%			
62) 4-Bromofluorobenzene	12.733	95	1314376	64.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 128.62%			
Target Compounds						
						Qvalue
16) Acetone	4.296	43	97319	8.93	ug/l	96
19) Methyl tert-butyl Ether	5.626	73	12268	0.28	ug/l #	90
25) 2-Butanone	7.356	43	18064m	1.22	ug/l	
40) Benzene	8.461	78	61399	0.94	ug/l	98
52) Toluene	10.505	92	40269	1.01	ug/l	98
86) p-Isopropyltoluene	13.618	119	39039	0.53	ug/l #	78

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

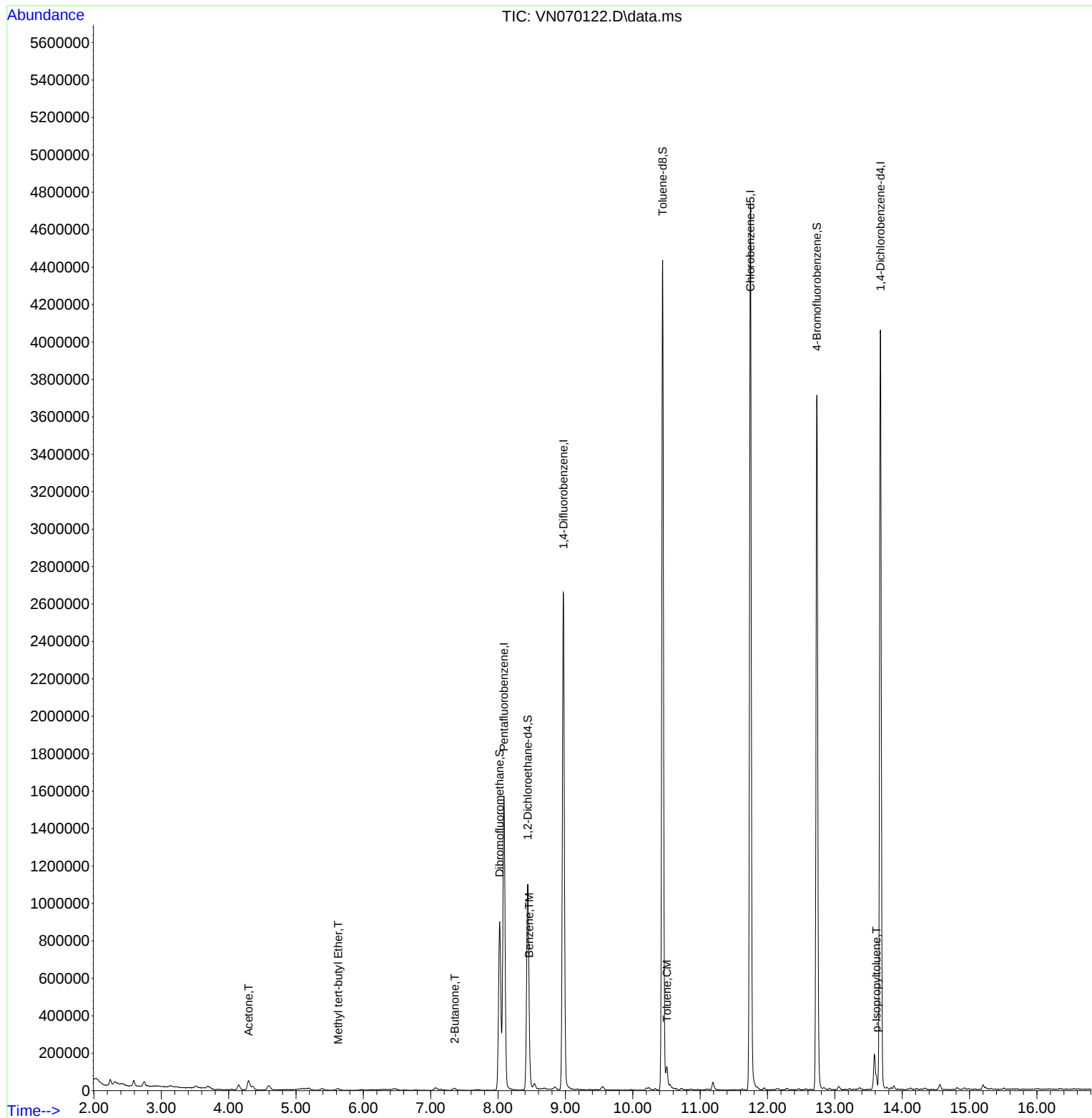
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
Data File : VN070122.D
Acq On : 15 Dec 2021 19:43
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ALS Vial : 21 Sample Multiplier: 1

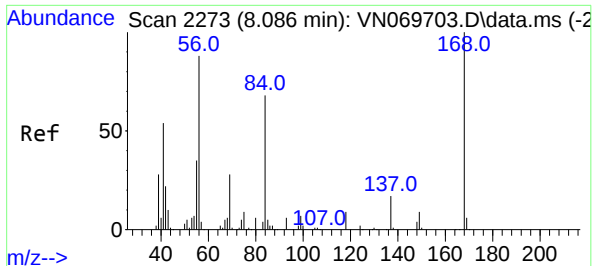
Instrument :
MSVOA_N
ClientSampleId :
SW-3RE

Quant Time: Dec 16 05:41:31 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

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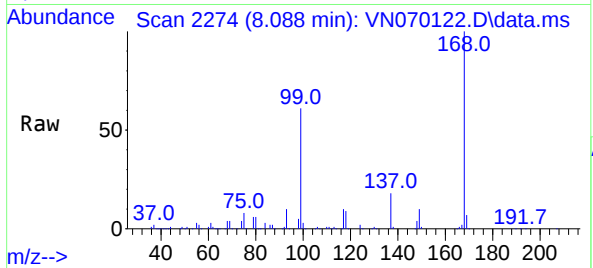
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

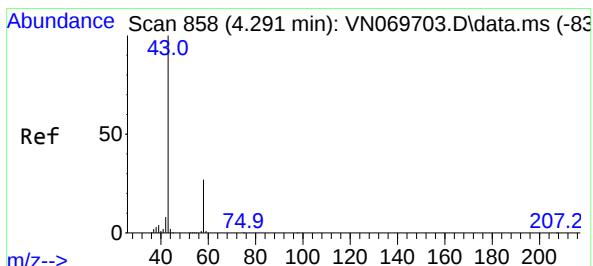
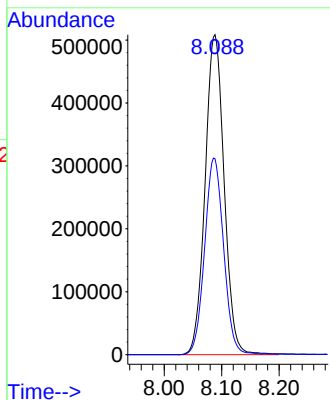
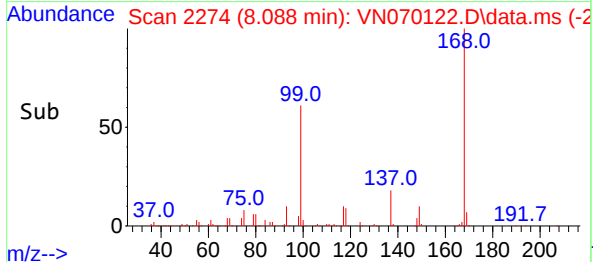
Instrument :
MSVOA_N
ClientSampleId :
SW-3RE



Tgt Ion:168 Resp: 1173424
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9

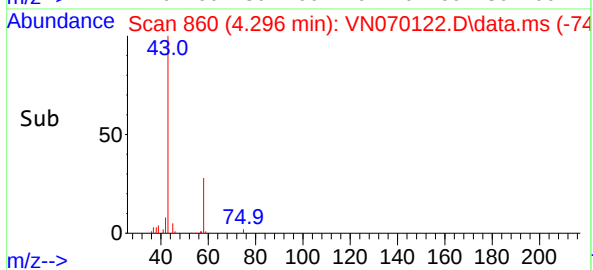
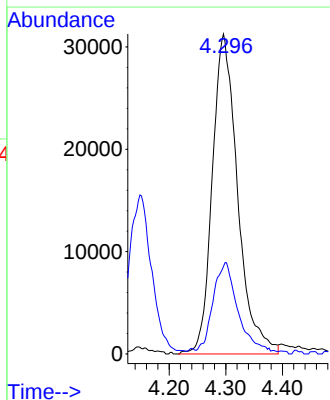
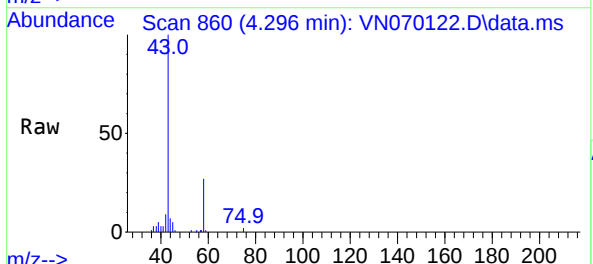
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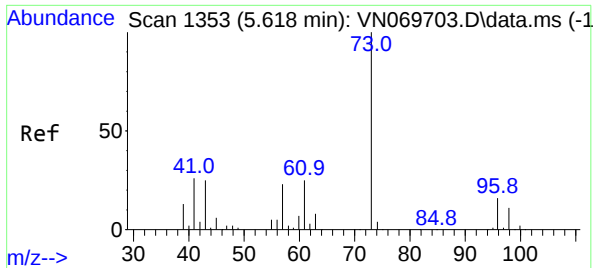
Reviewed By :John Carlone 12/16/2021
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#16
Acetone
Concen: 8.93 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

Tgt Ion: 43 Resp: 97319
Ion Ratio Lower Upper
43 100
58 26.5 23.1 34.7





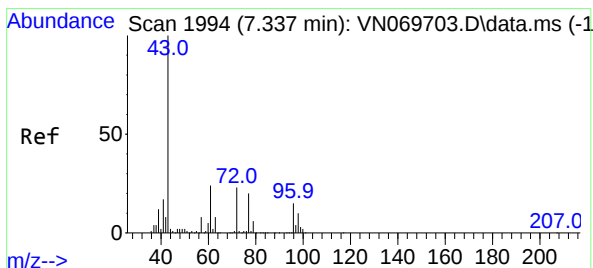
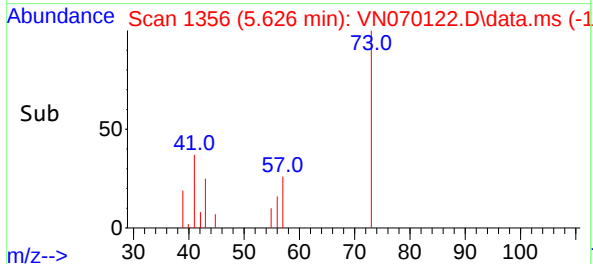
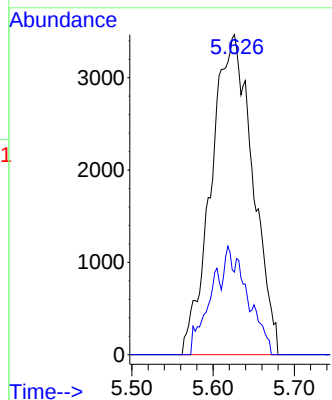
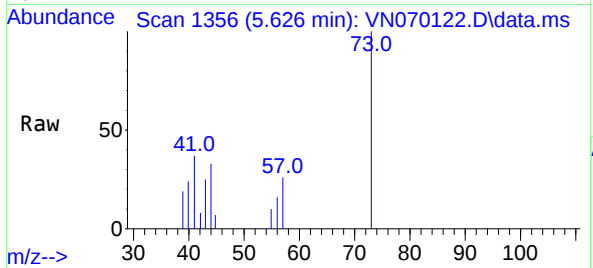
#19
Methyl tert-butyl Ether
Concen: 0.28 ug/l
RT: 5.626 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :
SW-3RE

Tgt Ion: 73 Resp: 1226
Ion Ratio Lower Upper
73 100
57 25.8 16.8 25.2

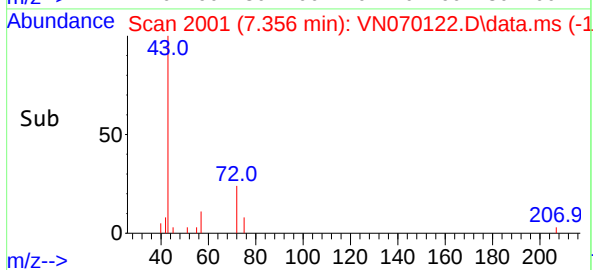
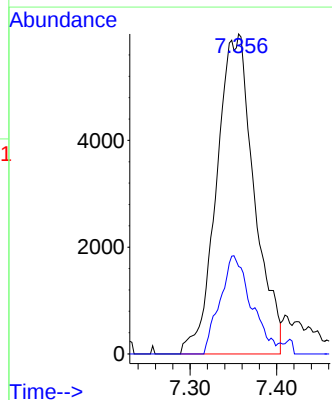
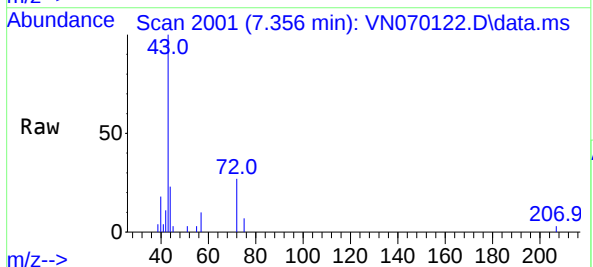
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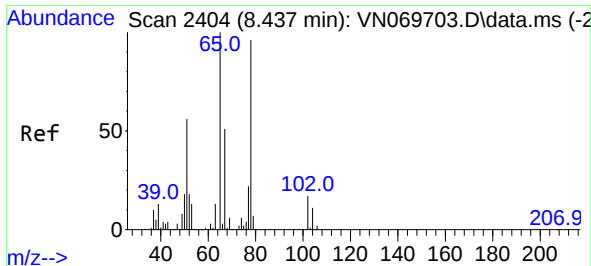
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#25
2-Butanone
Concen: 1.22 ug/l m
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

Tgt Ion: 43 Resp: 18064
Ion Ratio Lower Upper
43 100
72 27.3 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 51.63 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070122.D

Acq: 15 Dec 2021 19:43

Instrument :

MSVOA_N

ClientSampleId :

SW-3RE

Tgt Ion: 65 Resp: 935424

Ion Ratio Lower Upper

65 100

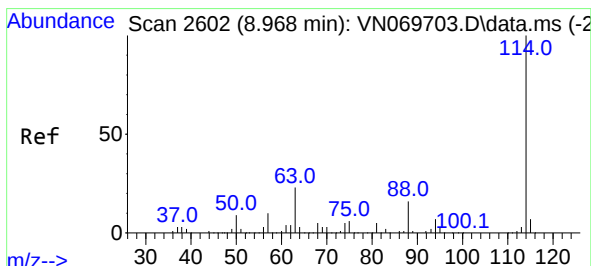
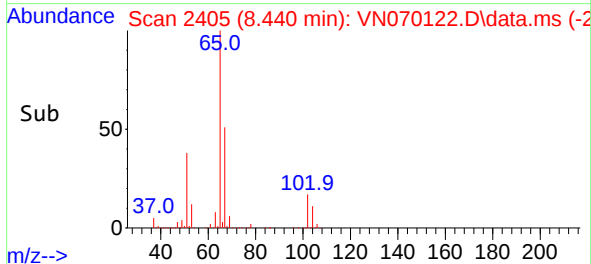
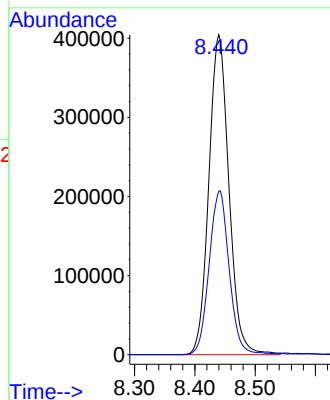
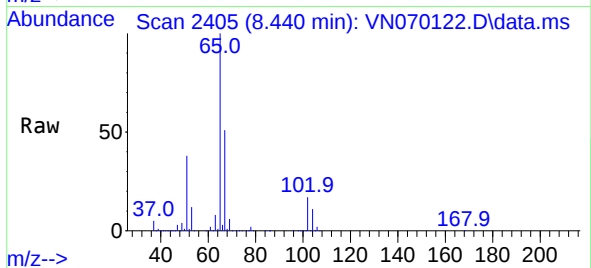
67 51.4 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN070122.D

Acq: 15 Dec 2021 19:43

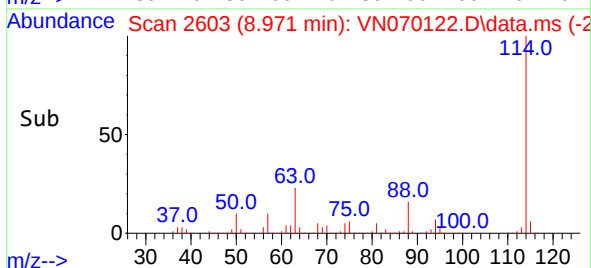
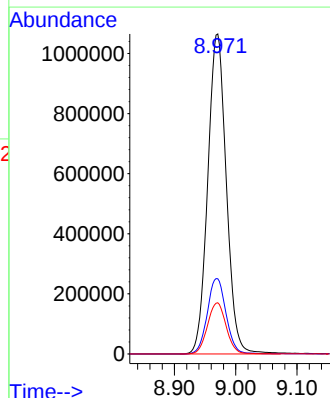
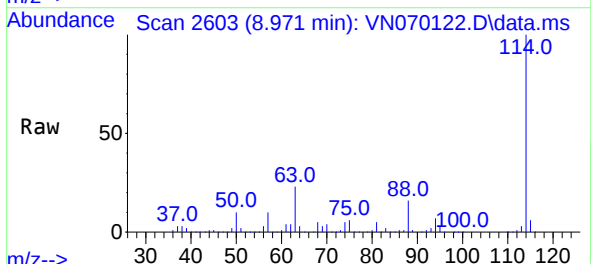
Tgt Ion:114 Resp: 2243192

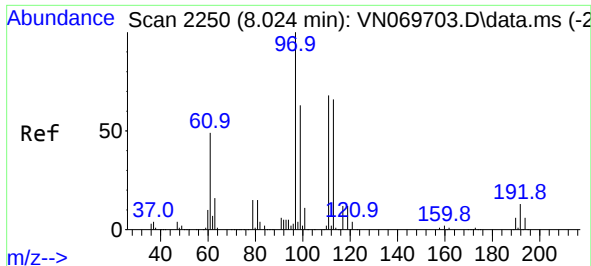
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

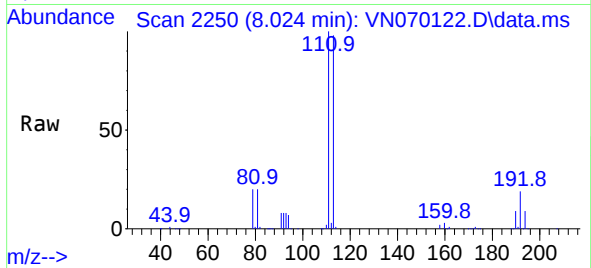
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.41 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

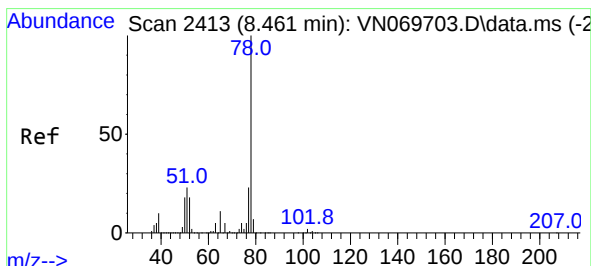
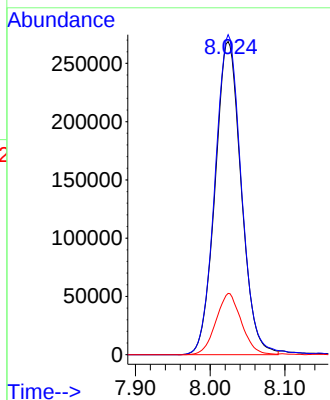
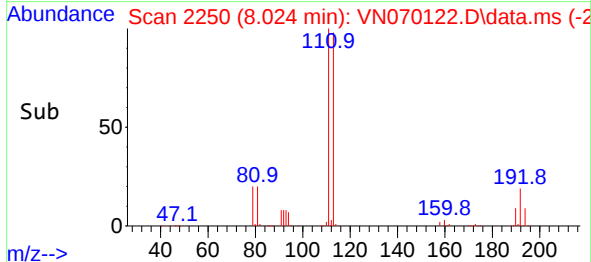
Instrument :
MSVOA_N
ClientSampleId :
SW-3RE



Tgt Ion:113 Resp: 65206
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.1 16.9 25.3

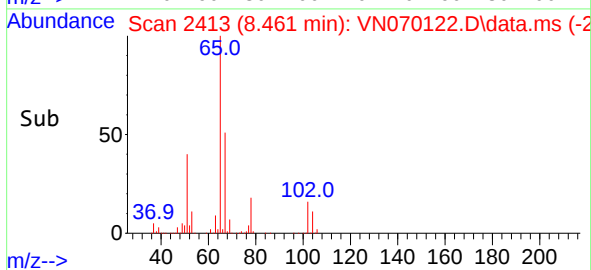
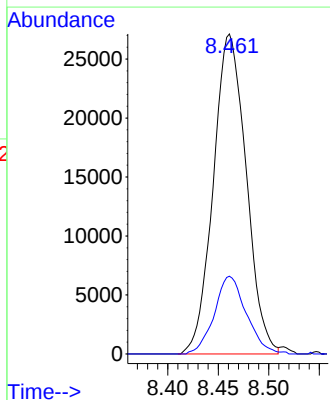
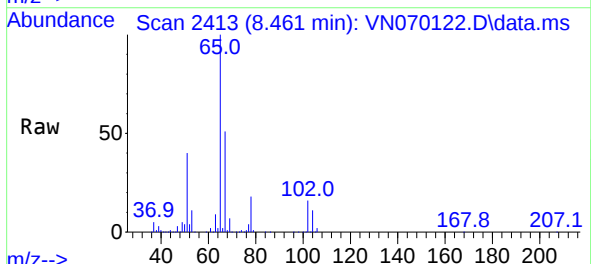
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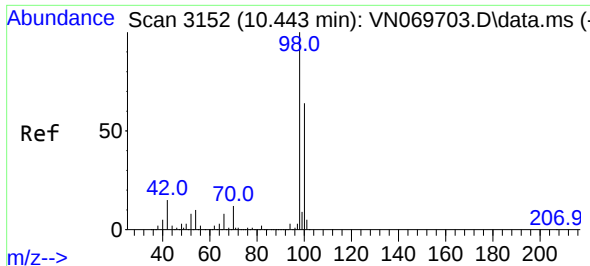
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#40
Benzene
Concen: 0.94 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

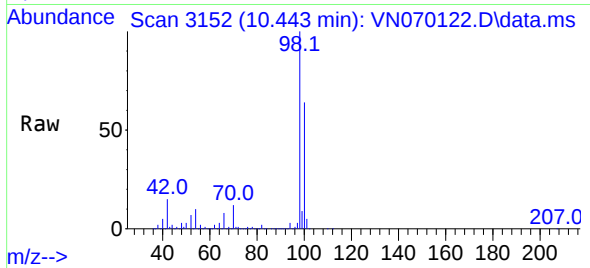
Tgt Ion: 78 Resp: 61399
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8





#50
Toluene-d8
Concen: 53.16 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

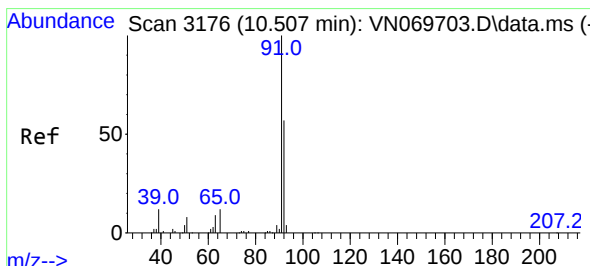
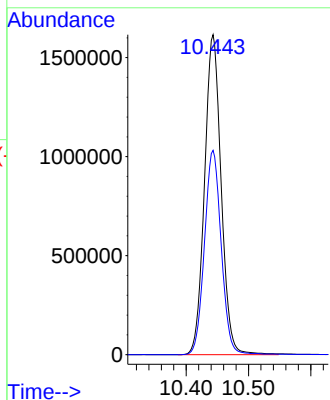
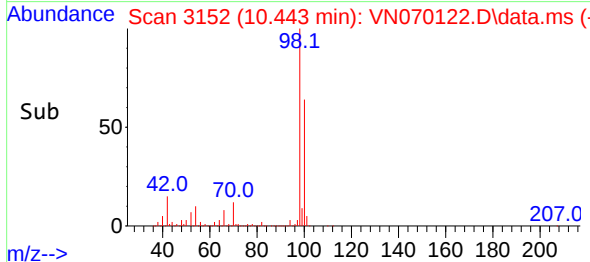
Instrument :
MSVOA_N
ClientSampleId :
SW-3RE



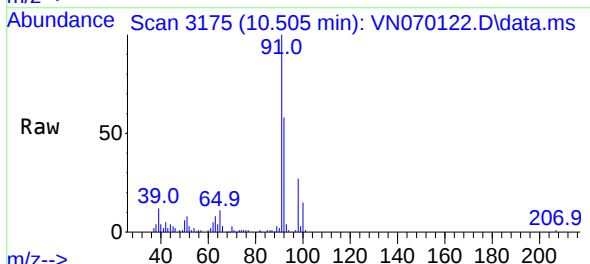
Tgt Ion: 98 Resp: 2999354
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

Manual Integrations
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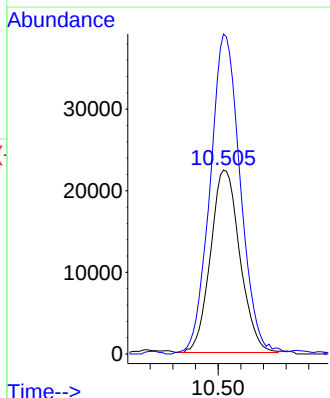
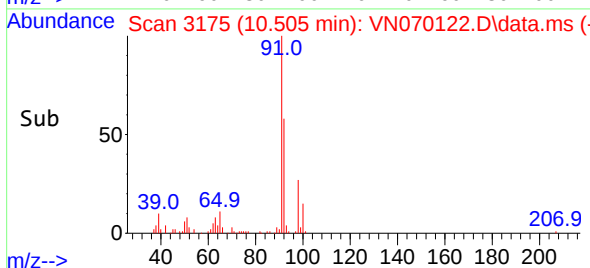
Reviewed By :John Carlone 12/16/2021
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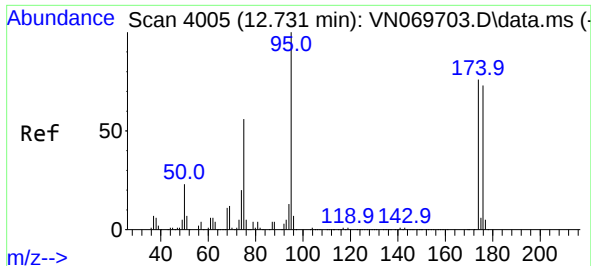


#52
Toluene
Concen: 1.01 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43



Tgt Ion: 92 Resp: 40269
Ion Ratio Lower Upper
92 100
91 180.9 142.0 213.0





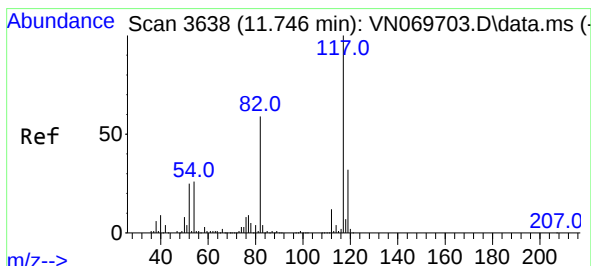
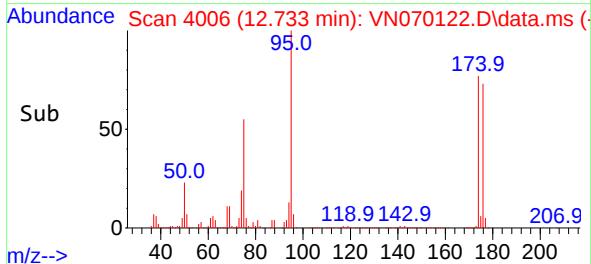
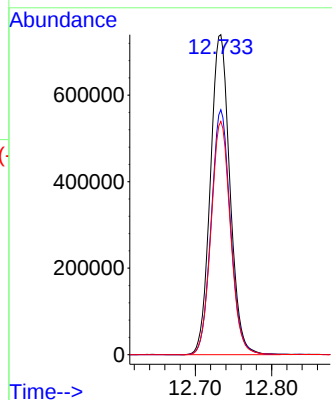
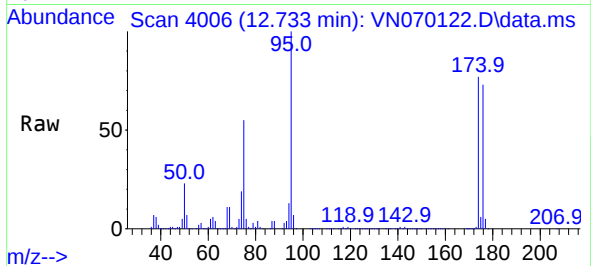
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4-Bromofluorobenzene
Concen: 64.31 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.002 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

Instrument :
MSVOA_N
ClientSampleId :
SW-3RE

Tgt Ion: 95 Resp: 1314370
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.6 0.0 181.4

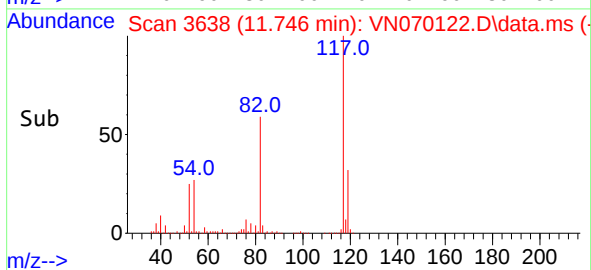
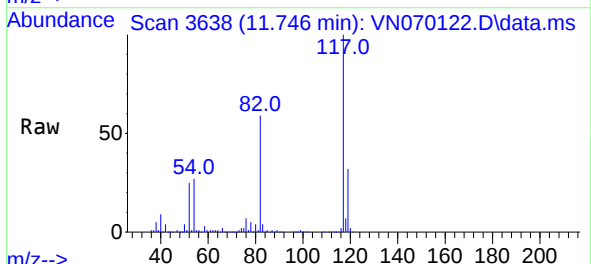
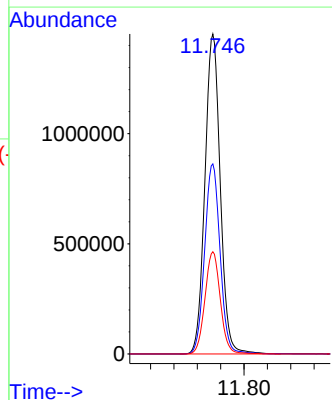
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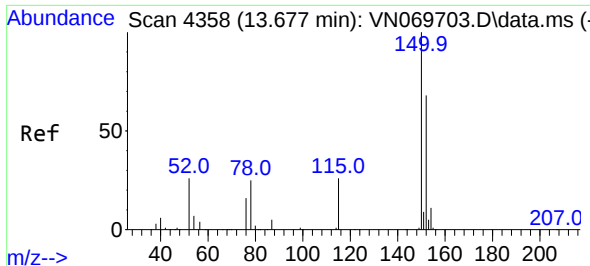
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

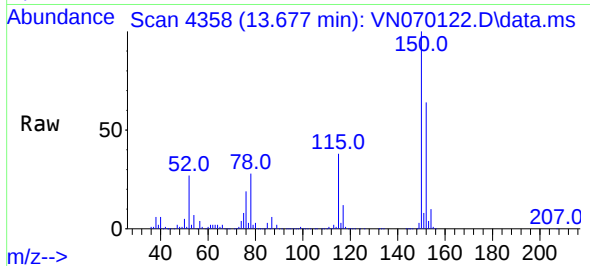
Tgt Ion:117 Resp: 2648789
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.0 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43

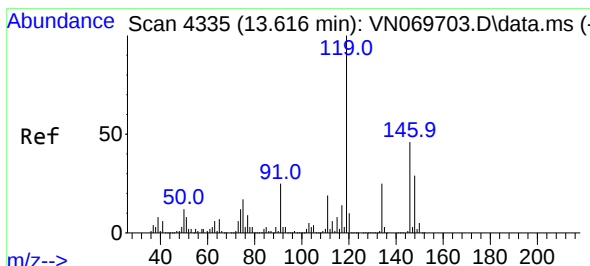
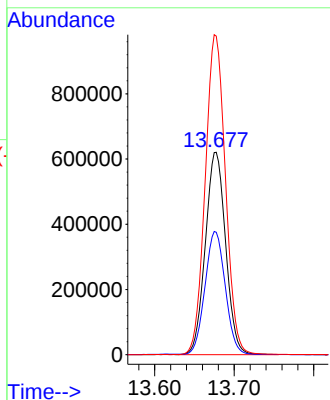
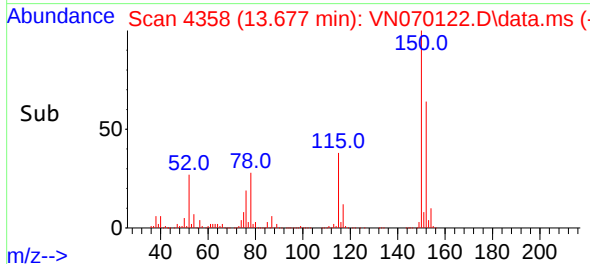
Instrument :
MSVOA_N
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SW-3RE



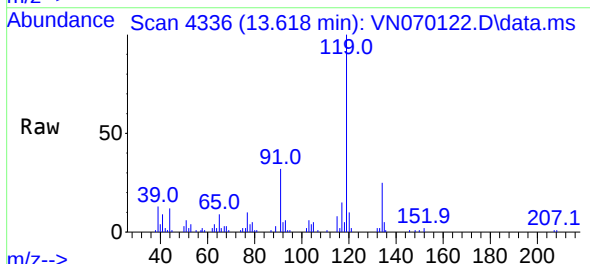
Tgt Ion:152 Resp: 110301
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 157.5 0.0 344.4

Manual Integrations
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#86
p-Isopropyltoluene
Concen: 0.53 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070122.D
Acq: 15 Dec 2021 19:43



Tgt Ion:119 Resp: 39039
Ion Ratio Lower Upper
119 100
134 26.8 13.6 40.7
91 0.0 11.4 34.1#

