

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070737.D
 Acq On : 21 Jan 2022 17:41
 Operator : JC/MD
 Sample : N1217-01 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2250

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 05:30:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	984313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1615626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1429973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	548634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	684145	48.498	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.000%		
35) Dibromofluoromethane	8.021	113	463514	46.251	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.500%		
50) Toluene-d8	10.440	98	1966476	46.578	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.160%		
62) 4-Bromofluorobenzene	12.731	95	658091	43.743	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.480%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.366	59	22168	8.710	ug/l #	80
16) Acetone	4.285	43	909242	92.864	ug/l	99
18) Methyl Acetate	4.867	43	19376m	1.006	ug/l	
52) Toluene	10.502	92	139076	4.447	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	35608	0.883	ug/l	92
95) Naphthalene	15.504	128	25012	5.741	ug/l	97

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

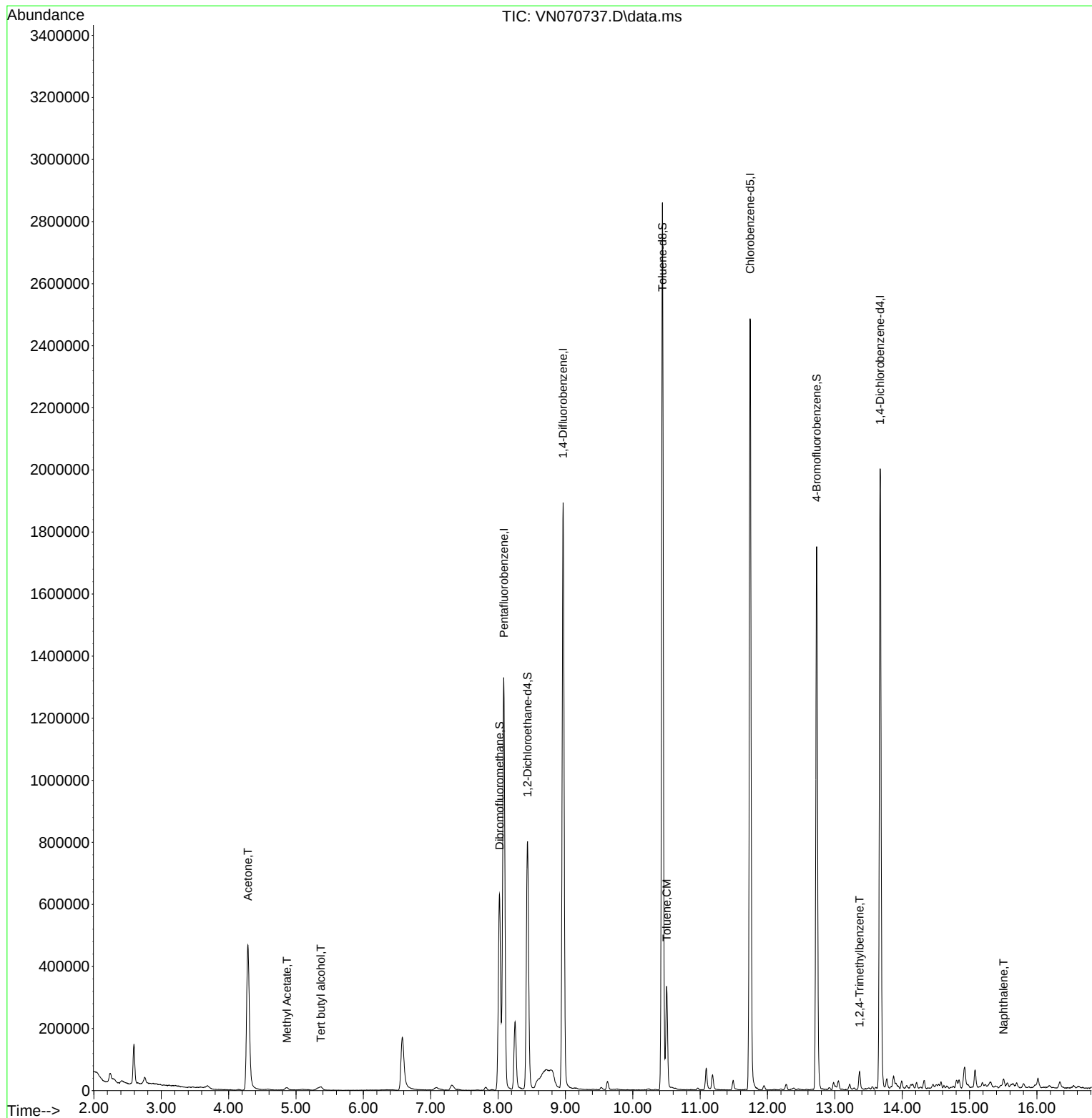
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
Data File : VN070737.D
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ALS Vial : 14 Sample Multiplier: 1

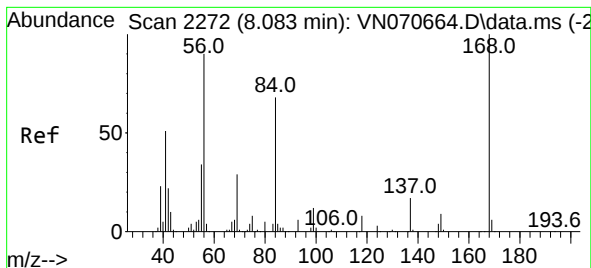
Instrument :
MSVOA_N
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2250

Quant Time: Jan 22 05:30:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070737.D

Acq: 21 Jan 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :

2250

Tgt Ion:168 Resp: 98431

Ion Ratio Lower Upper

168 100

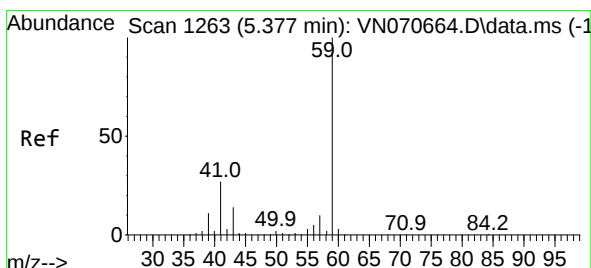
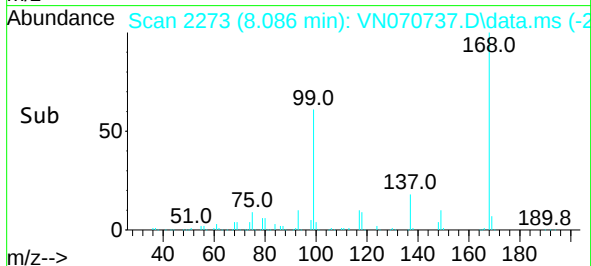
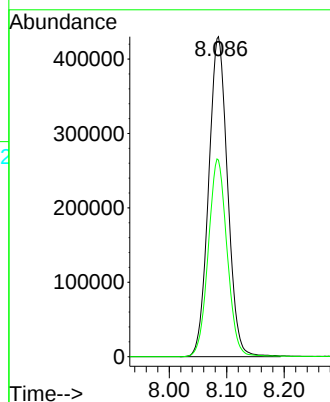
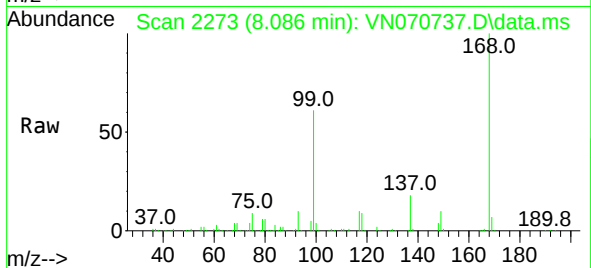
99 61.5 41.3 61.9

Manual Integrations

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#11

Tert butyl alcohol

Concen: 8.710 ug/l

RT: 5.366 min Scan# 1259

Delta R.T. -0.011 min

Lab File: VN070737.D

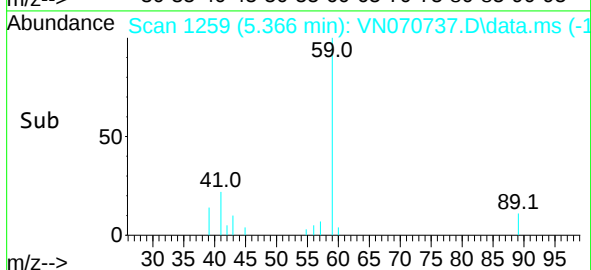
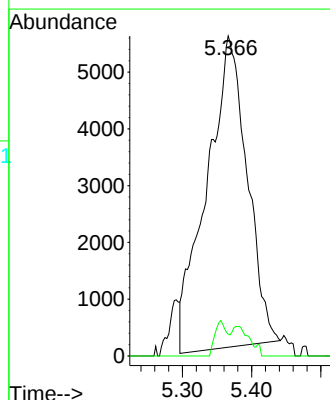
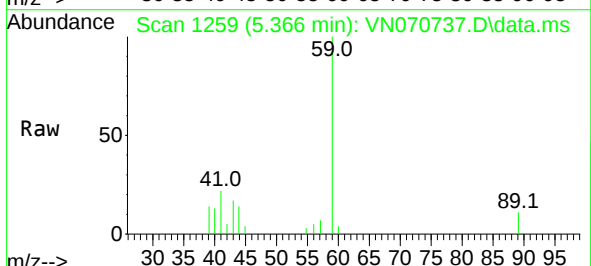
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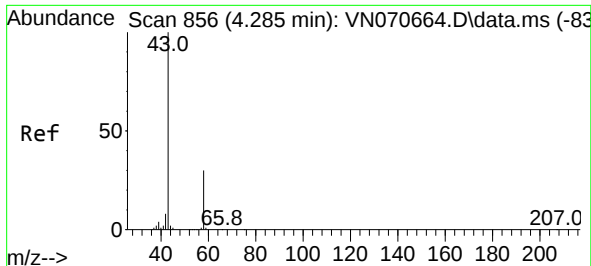
Tgt Ion: 59 Resp: 22168

Ion Ratio Lower Upper

59 100

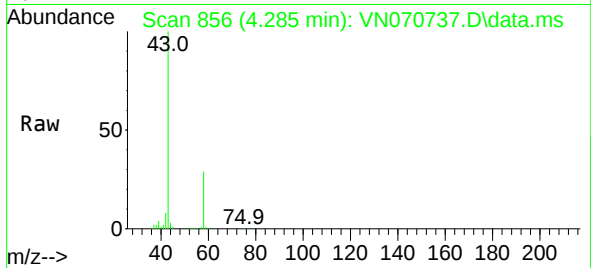
57 3.5 8.7 13.1#





#16
Acetone
Concen: 92.864 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41

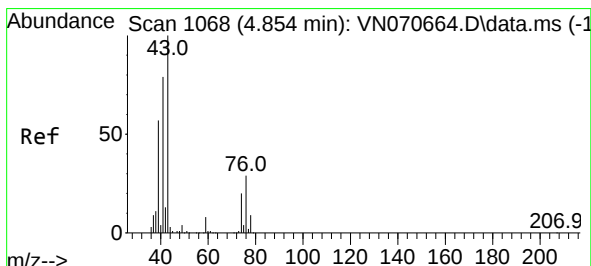
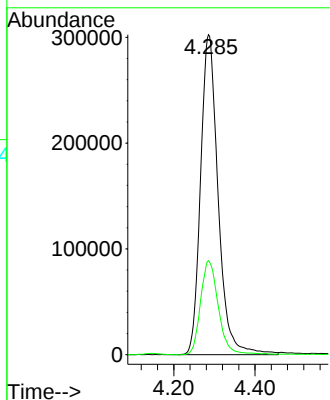
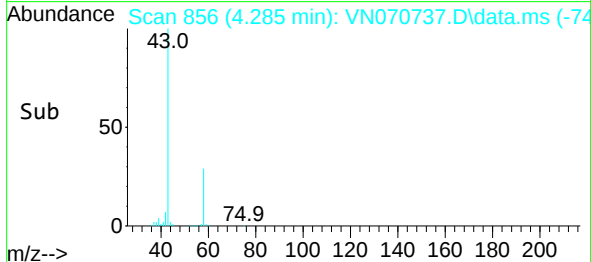
Instrument :
MSVOA_N
ClientSampleId :
2250



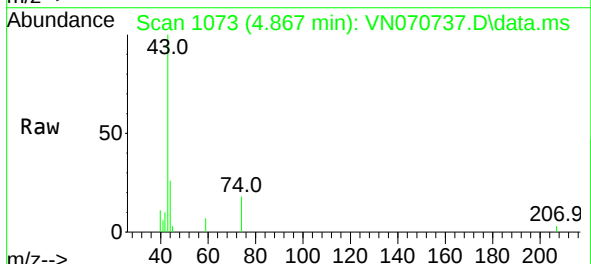
Tgt Ion: 43 Resp: 90924
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7

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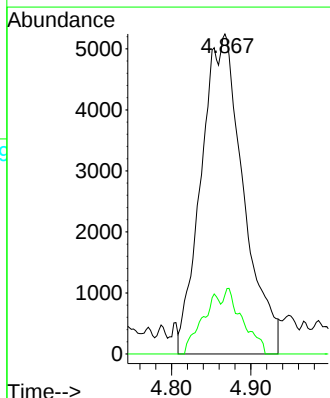
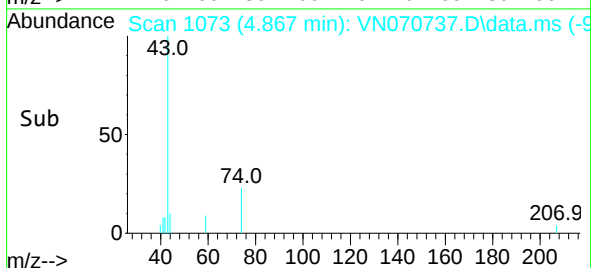
Reviewed By :John Carlone 01/24/2022
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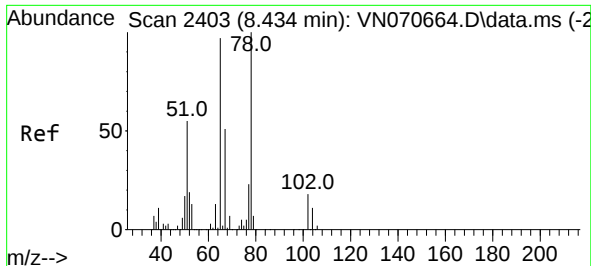


#18
Methyl Acetate
Concen: 1.006 ug/l m
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41



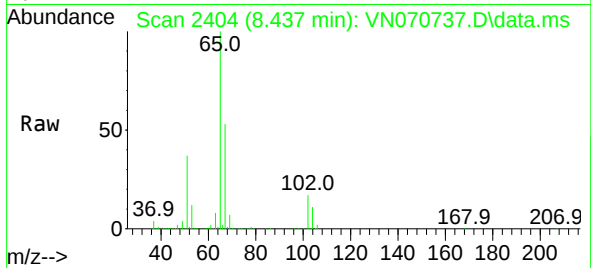
Tgt Ion: 43 Resp: 19376
Ion Ratio Lower Upper
43 100
74 8.4 19.4 29.2#





#33
1,2-Dichloroethane-d4
Concen: 48.498 ug/l
RT: 8.437 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41

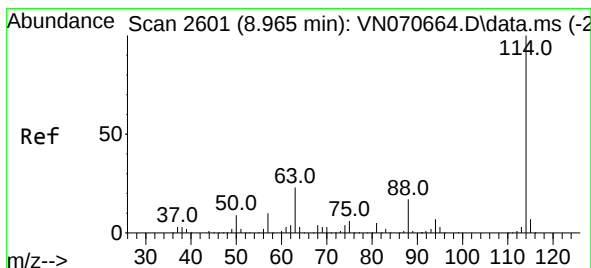
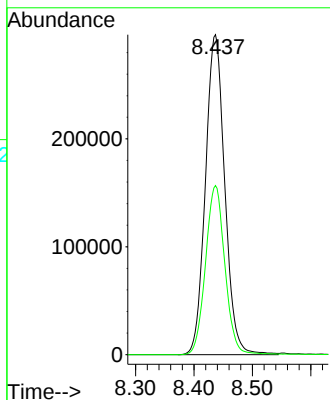
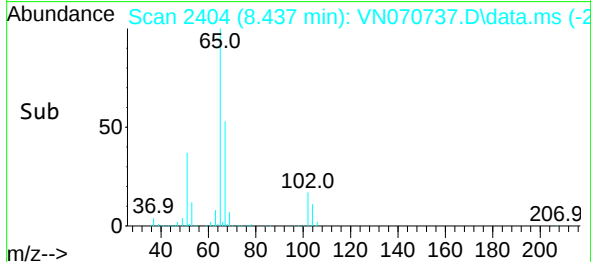
Instrument :
MSVOA_N
ClientSampleId :
2250



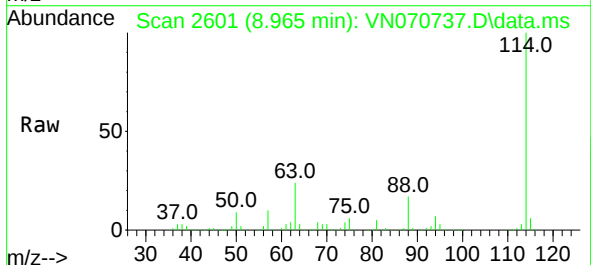
Tgt Ion: 65 Resp: 68414
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

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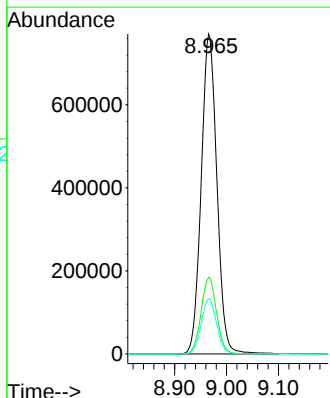
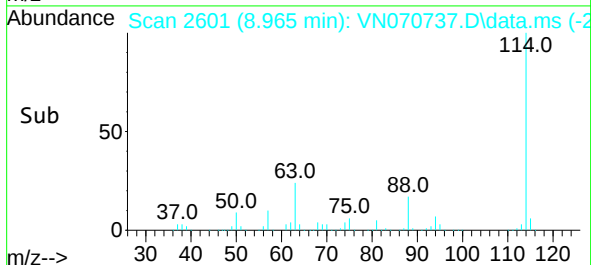
Reviewed By :John Carlone 01/24/2022
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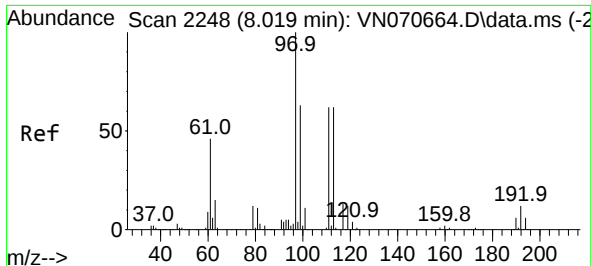


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41



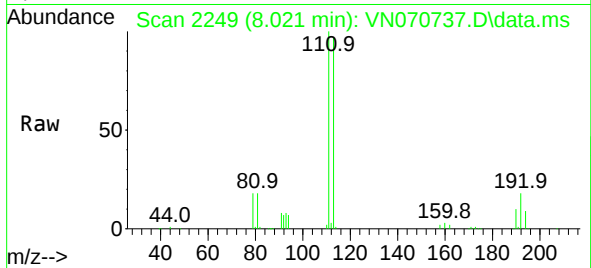
Tgt Ion:114 Resp: 1615626
Ion Ratio Lower Upper
114 100
63 24.0 0.0 37.8
88 17.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.251 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41

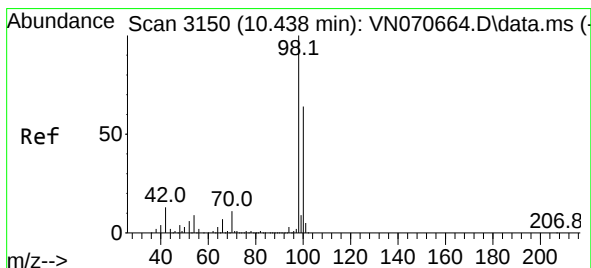
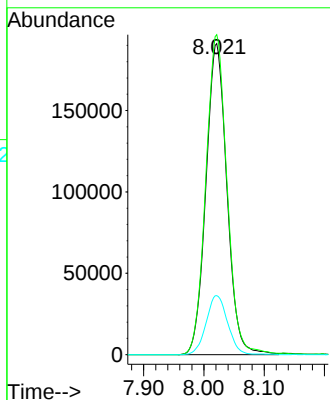
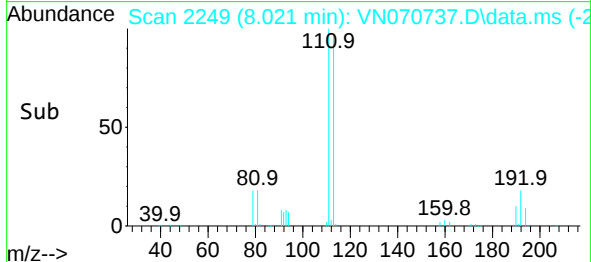
Instrument :
MSVOA_N
ClientSampleId :
2250



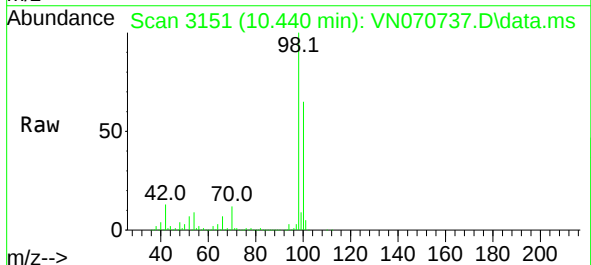
Tgt Ion: 113 Resp: 463514
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
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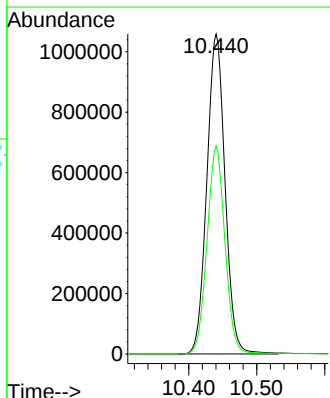
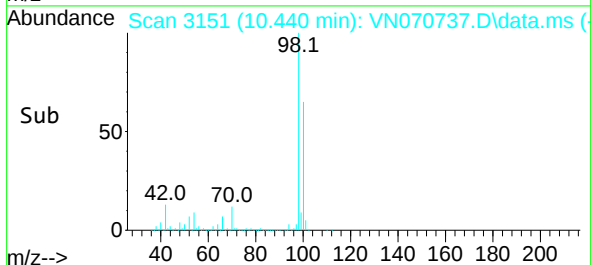
Reviewed By :John Carlone 01/24/2022
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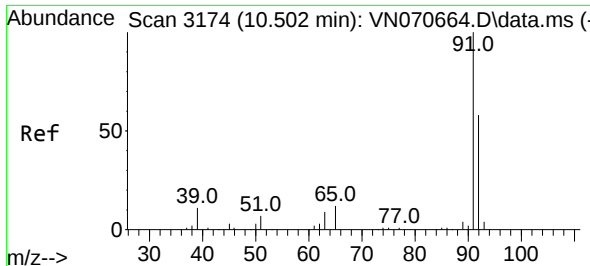


#50
Toluene-d8
Concen: 46.578 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41



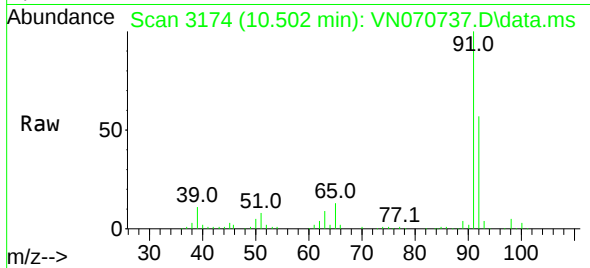
Tgt Ion: 98 Resp: 1966476
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#52
Toluene
Concen: 4.447 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. 0.000 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41

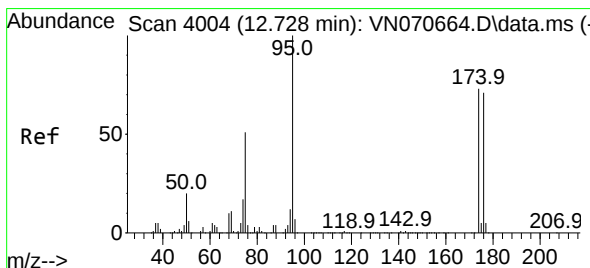
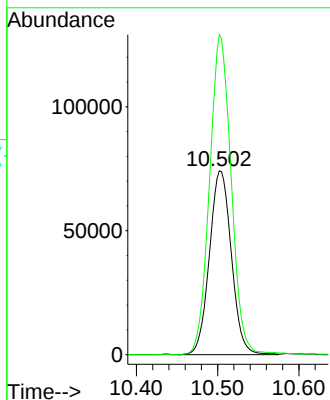
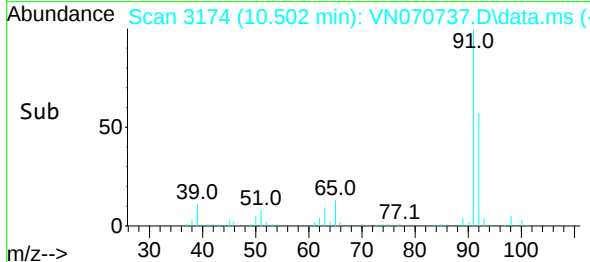
Instrument :
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ClientSampleId :
2250



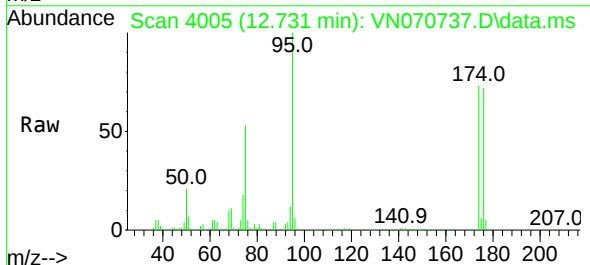
Tgt Ion: 92 Resp: 139070
Ion Ratio Lower Upper
92 100
91 171.2 142.0 213.0

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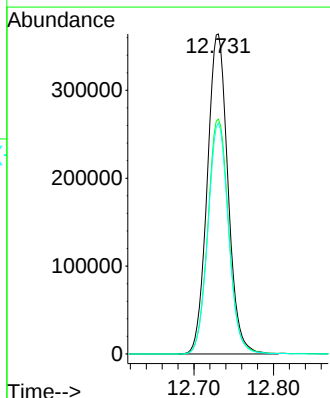
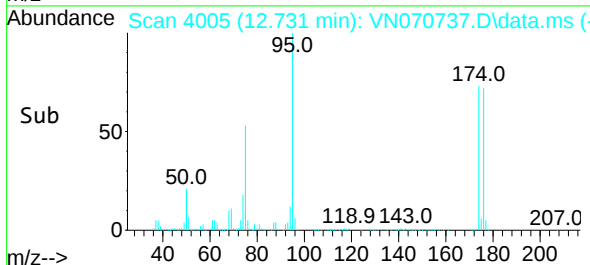
Reviewed By :John Carlone 01/24/2022
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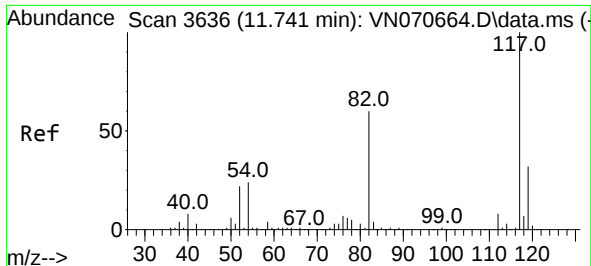


#62
4-Bromofluorobenzene
Concen: 43.743 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41



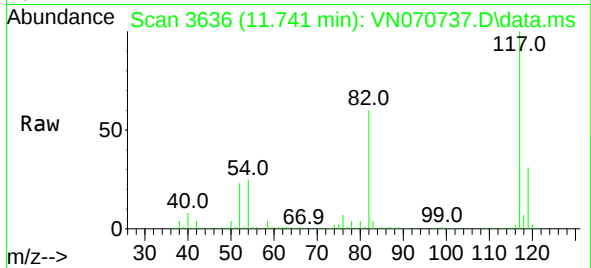
Tgt Ion: 95 Resp: 658091
Ion Ratio Lower Upper
95 100
174 74.0 0.0 187.2
176 71.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41

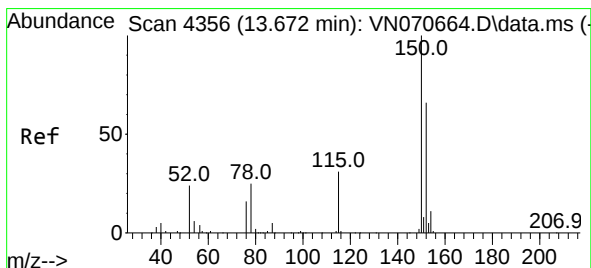
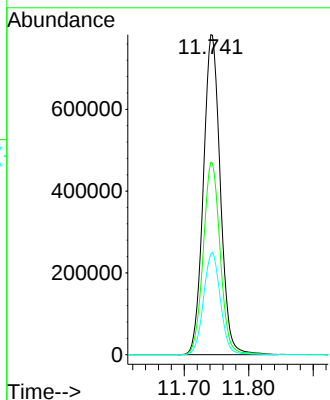
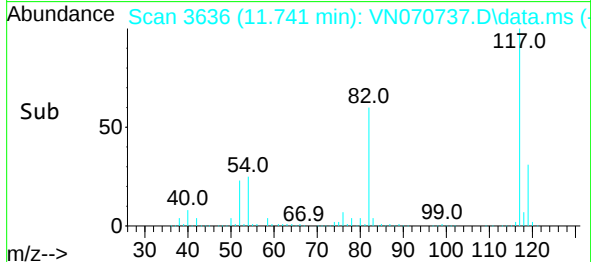
Instrument :
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2250



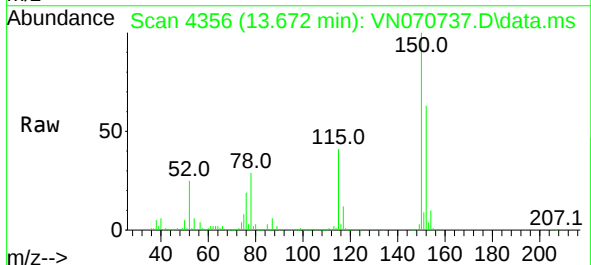
Tgt Ion:117 Resp: 142997
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
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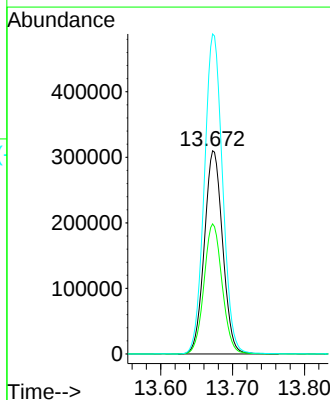
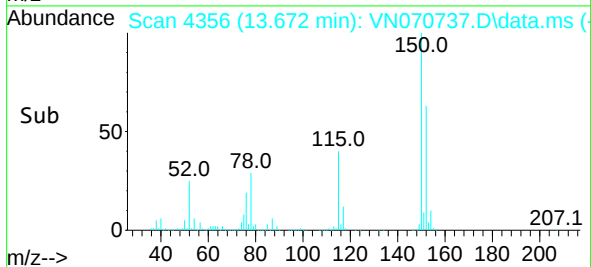
Reviewed By :John Carlone 01/24/2022
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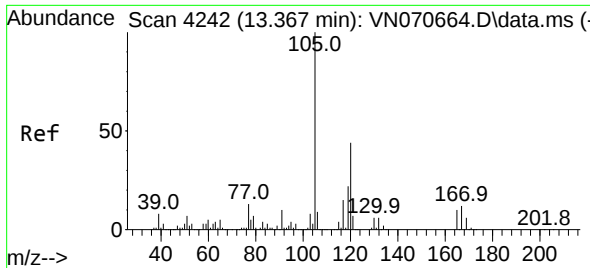


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41



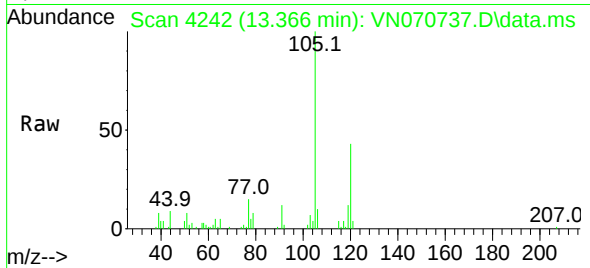
Tgt Ion:152 Resp: 548634
Ion Ratio Lower Upper
152 100
115 63.6 27.5 82.5
150 157.5 0.0 344.4





#84
1,2,4-Trimethylbenzene
Concen: 0.883 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41

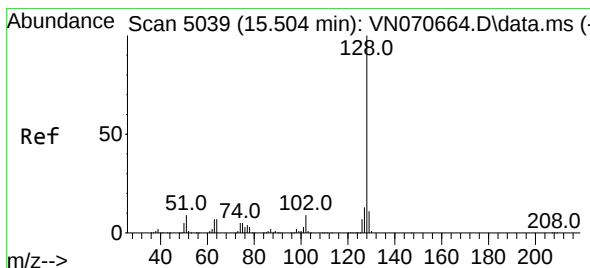
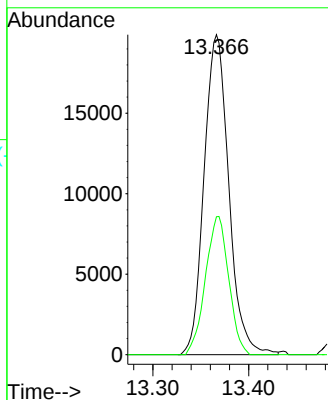
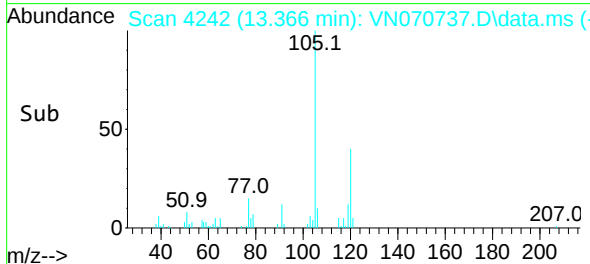
Instrument :
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2250



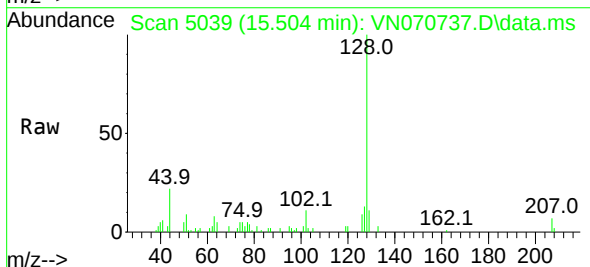
Tgt Ion:105 Resp: 35608
Ion Ratio Lower Upper
105 100
120 40.6 22.8 68.4

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#95
Naphthalene
Concen: 5.741 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070737.D
Acq: 21 Jan 2022 17:41



Tgt Ion:128 Resp: 25012
Ion Ratio Lower Upper
128 100
127 15.0 10.5 15.7
129 10.4 8.7 13.1

