

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070471.D
 Acq On : 4 Jan 2022 18:24
 Operator : JC/MD
 Sample : M5251-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:20:00 2022
 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	1063969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1795881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1596343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	637651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	679580	44.423	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.840%		
35) Dibromofluoromethane	8.021	113	476061	43.812	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.620%		
50) Toluene-d8	10.441	98	1985796	44.737	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.480%		
62) 4-Bromofluorobenzene	12.728	95	768838	47.956	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.920%		
Target Compounds					Qvalue	
25) 2-Butanone	7.343	43	33319	2.665	ug/l #	82
31) Cyclohexane	8.091	56	366802	15.194	ug/l	84
39) Methylcyclohexane	9.456	83	209874	9.644	ug/l #	84
52) Toluene	10.502	92	40069	1.201	ug/l	99
67) Ethyl Benzene	11.843	91	4691484	75.597	ug/l	97
68) m/p-Xylenes	11.956	106	1247731	55.234	ug/l	93
69) o-Xylene	12.278	106	258919	11.523	ug/l	93
73) Isopropylbenzene	12.575	105	273579	4.620	ug/l	100
78) n-propylbenzene	12.919	91	718523	10.952	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	216645	4.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.367	105	5559836	121.678	ug/l	99
85) sec-Butylbenzene	13.498	105	50491m	0.890	ug/l	
86) p-Isopropyltoluene	13.611	119	23990	0.538	ug/l #	77
89) n-Butylbenzene	13.938	91	42198	1.135	ug/l #	66

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

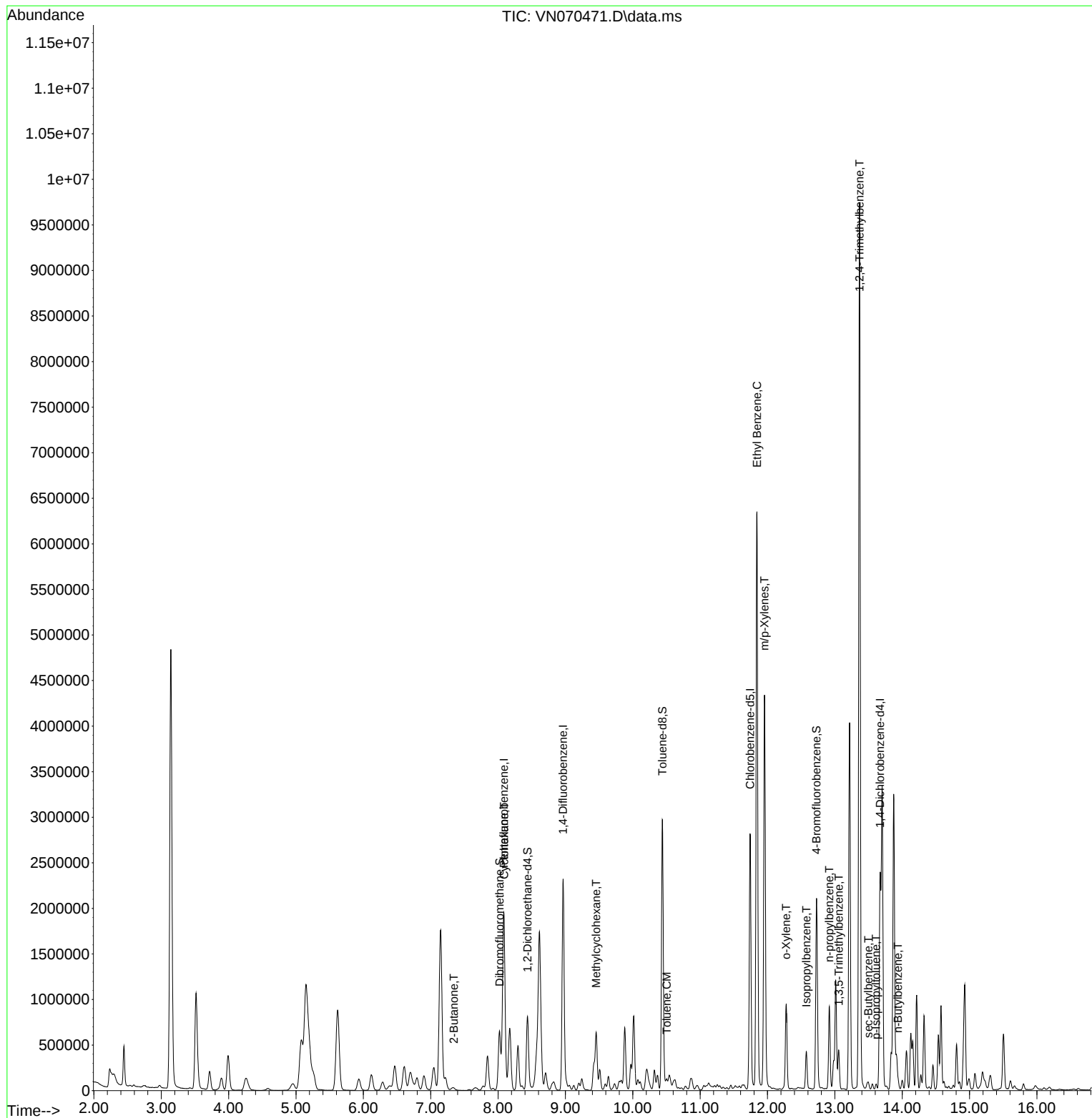
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070471.D
Acq On : 4 Jan 2022 18:24
Operator : JC/MD
Sample : M5251-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

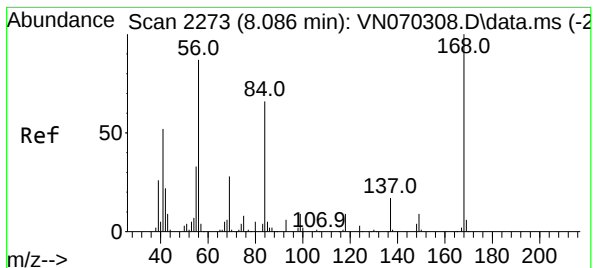
Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: Jan 05 03:20:00 2022
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

Manual Integrations
APPROVED

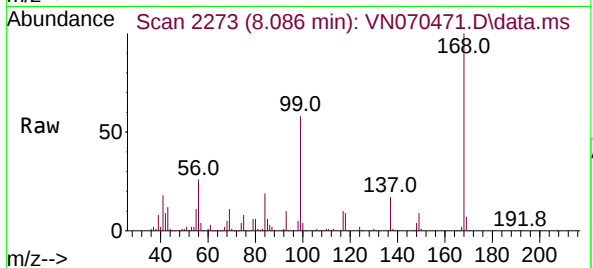
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

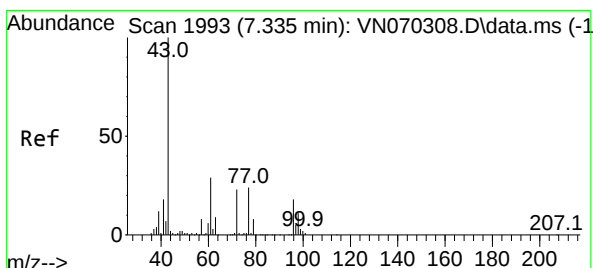
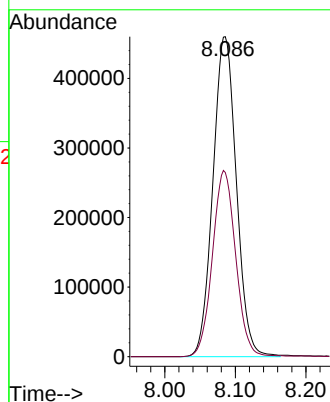
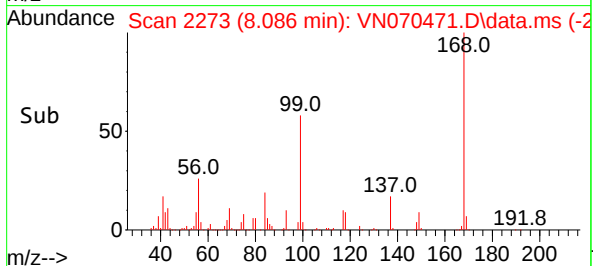
Instrument :
MSVOA_N
ClientSampleId :
MW-2



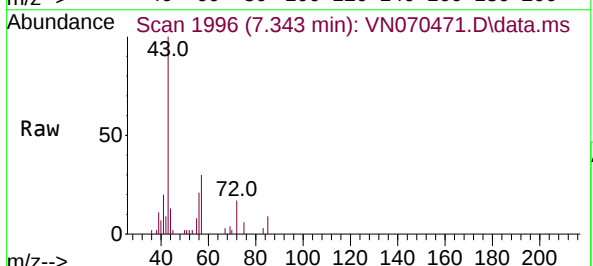
Tgt Ion:168 Resp: 106396
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9

Manual Integrations
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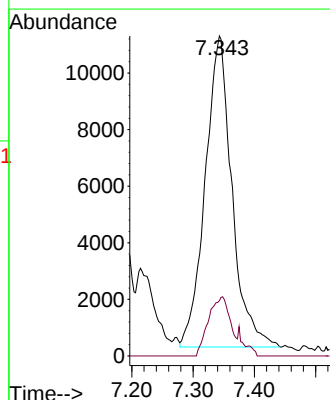
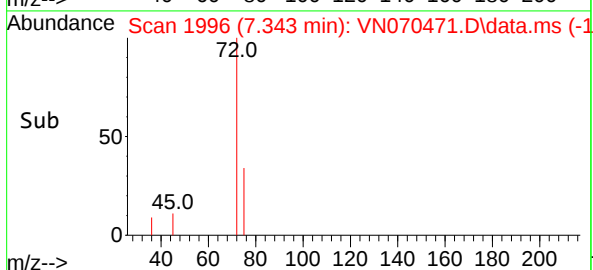
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

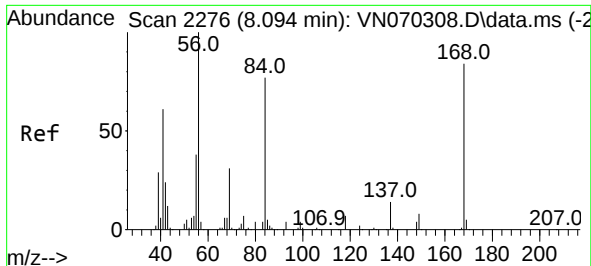


#25
2-Butanone
Concen: 2.665 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24



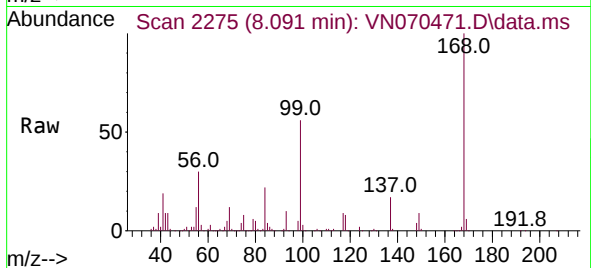
Tgt Ion: 43 Resp: 33319
Ion Ratio Lower Upper
43 100
72 17.8 21.7 32.5#





#31
Cyclohexane
Concen: 15.194 ug/l
RT: 8.091 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

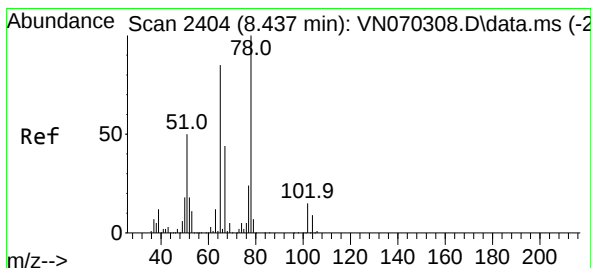
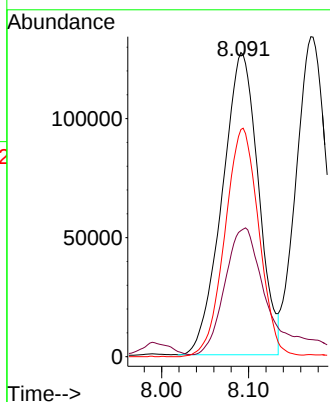
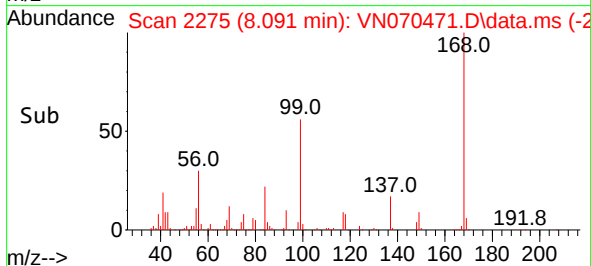
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 56 Resp: 36680
Ion Ratio Lower Upper
56 100
69 40.0 27.1 40.7
84 75.2 73.4 110.0

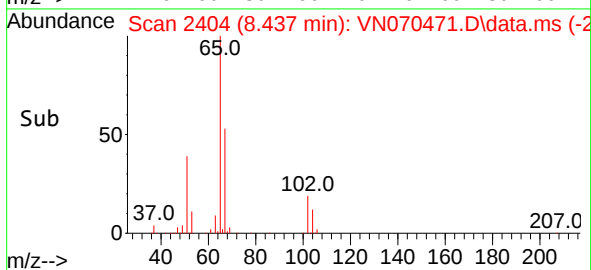
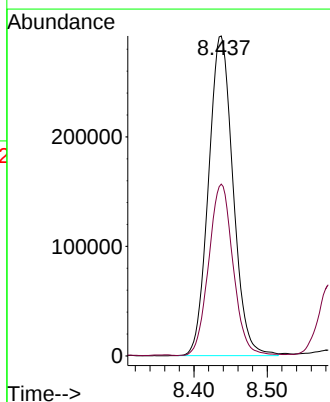
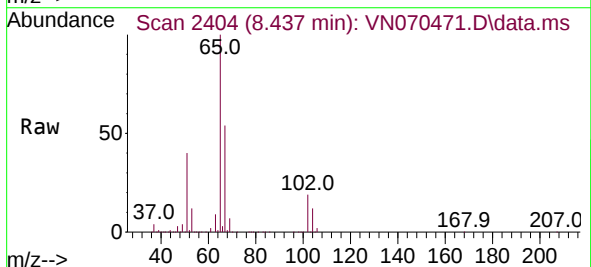
Manual Integrations
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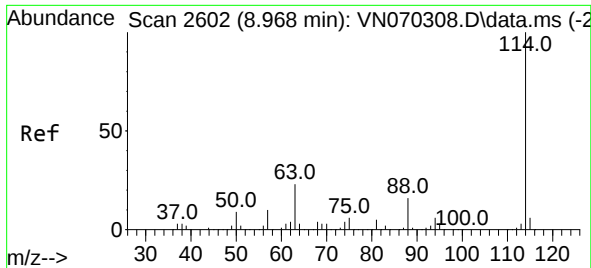
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#33
1,2-Dichloroethane-d4
Concen: 44.423 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 65 Resp: 679580
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0





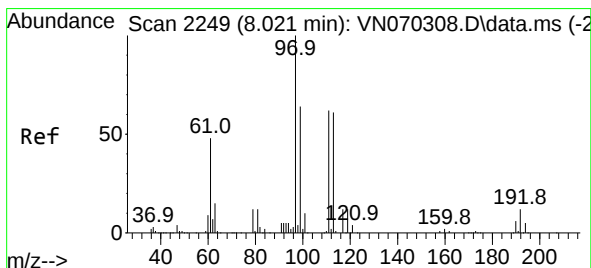
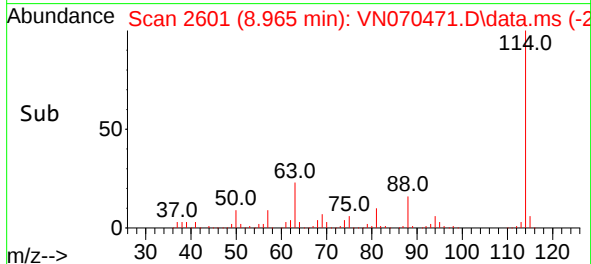
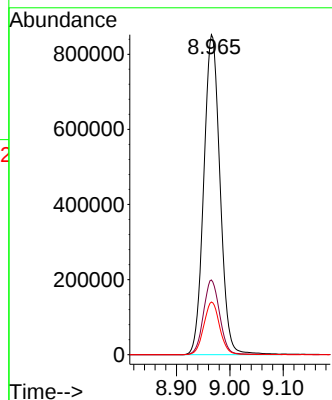
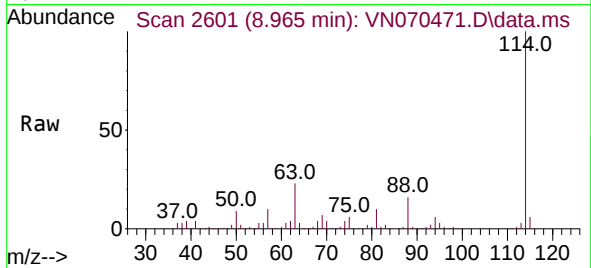
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 179588
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.5 0.0 27.4

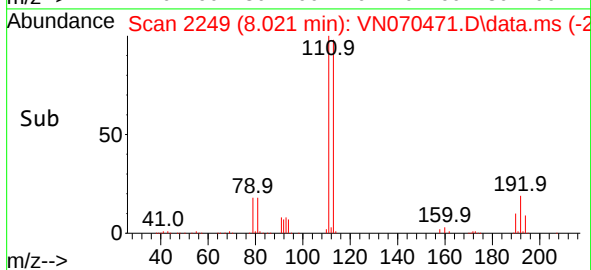
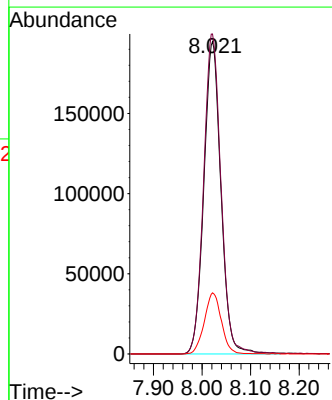
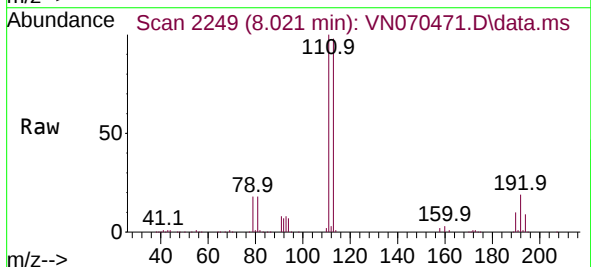
Manual Integrations
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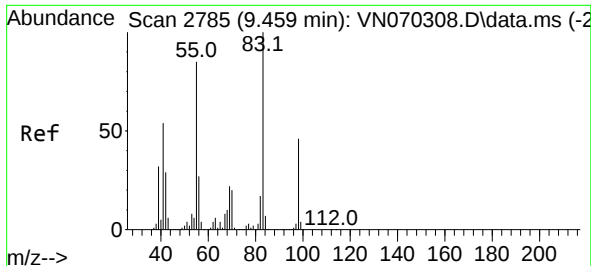
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#35
Dibromofluoromethane
Concen: 43.812 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

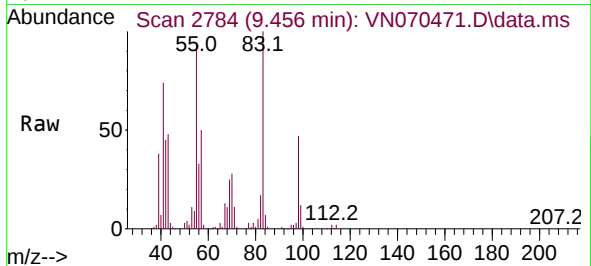
Tgt Ion:113 Resp: 476061
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.6 16.9 25.3





#39
Methylcyclohexane
Concen: 9.644 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

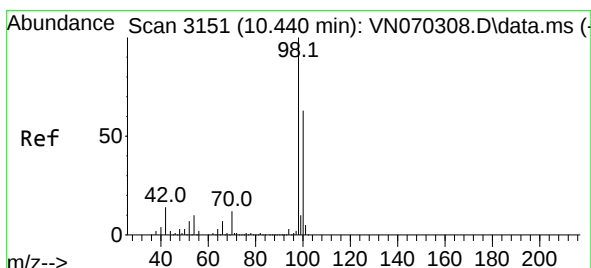
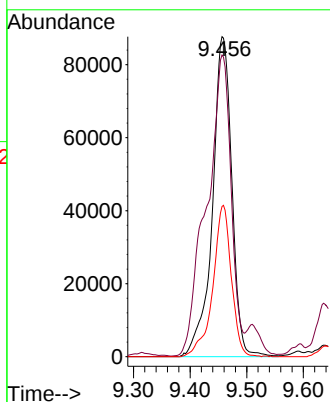
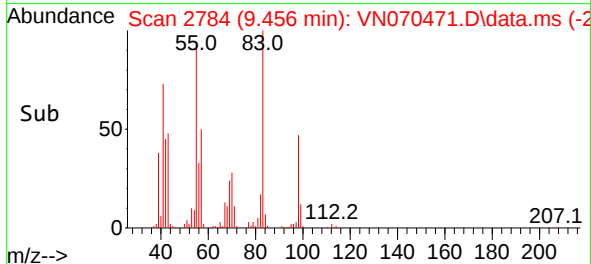
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 83 Resp: 209874
Ion Ratio Lower Upper
83 100
55 93.8 58.1 87.1
98 46.9 38.4 57.6

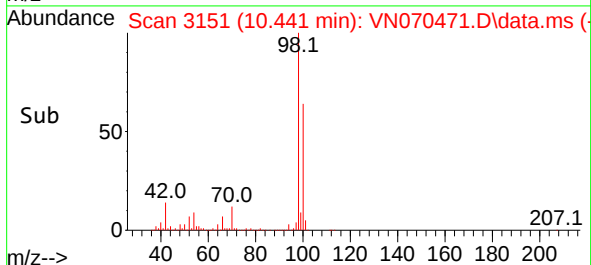
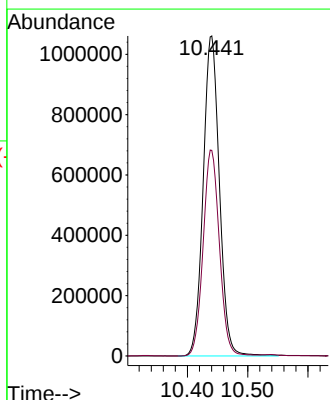
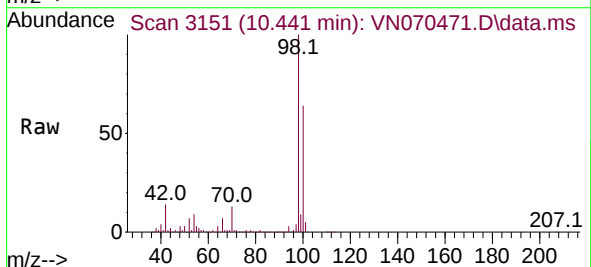
Manual Integrations
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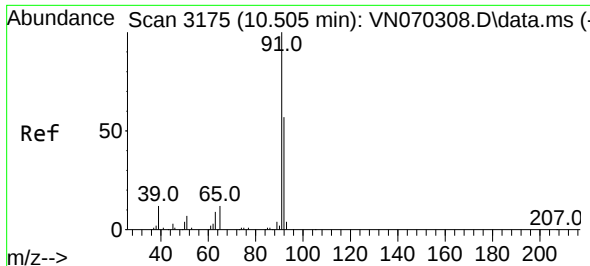
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#50
Toluene-d8
Concen: 44.737 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 98 Resp: 1985796
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





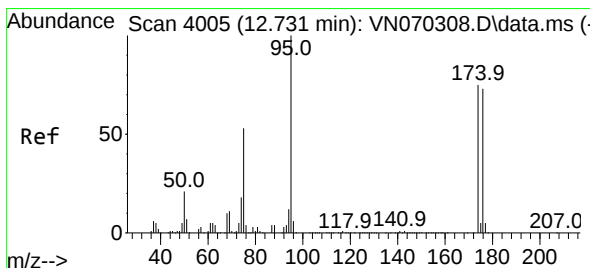
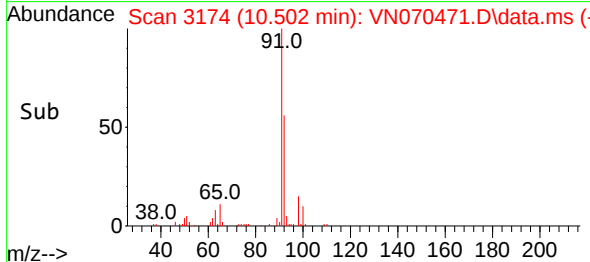
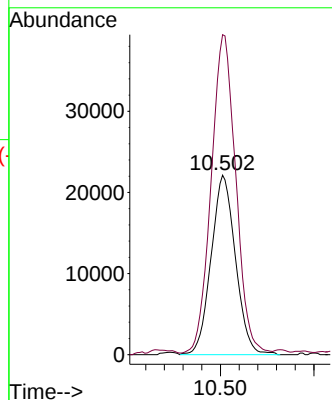
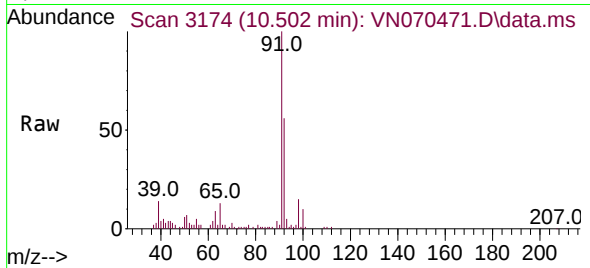
#52
Toluene
Concen: 1.201 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 92 Resp: 40069
Ion Ratio Lower Upper
92 100
91 178.7 142.0 213.0

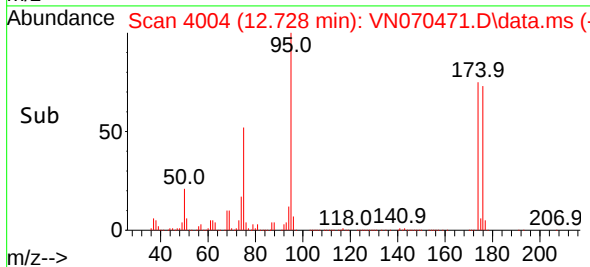
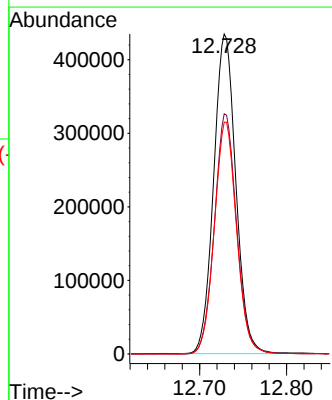
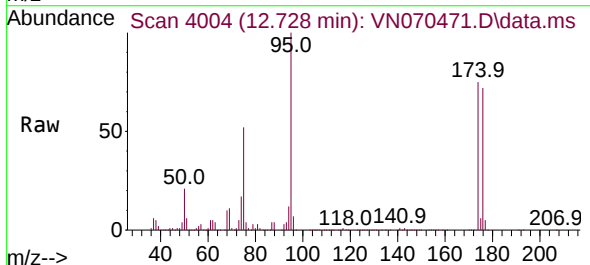
Manual Integrations
APPROVED

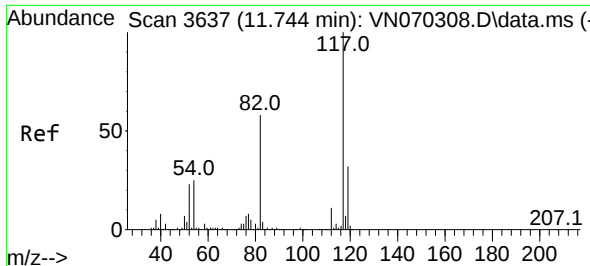
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#62
4-Bromofluorobenzene
Concen: 47.956 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

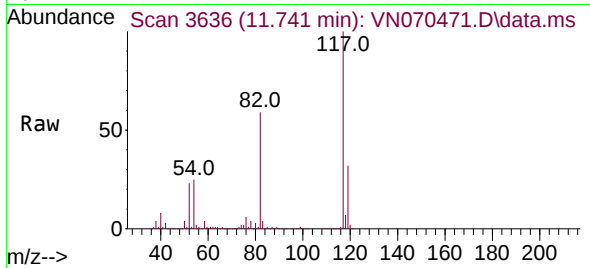
Tgt Ion: 95 Resp: 768838
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

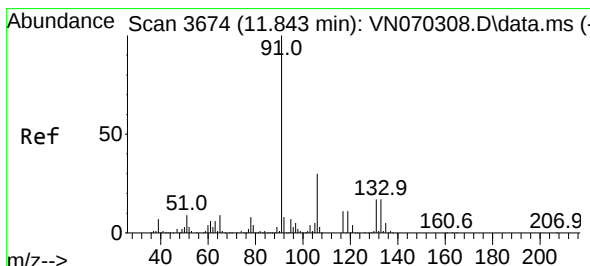
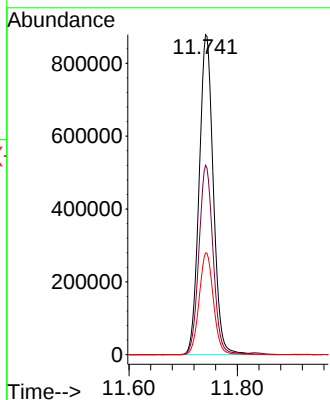
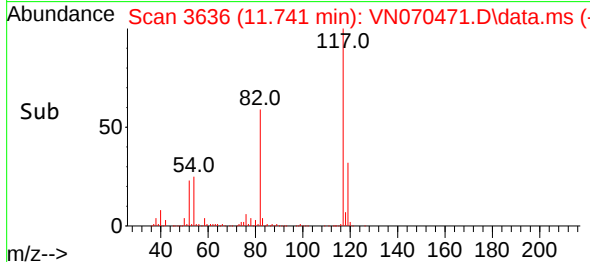
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion: 117 Resp: 159634
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.8 25.4 38.2

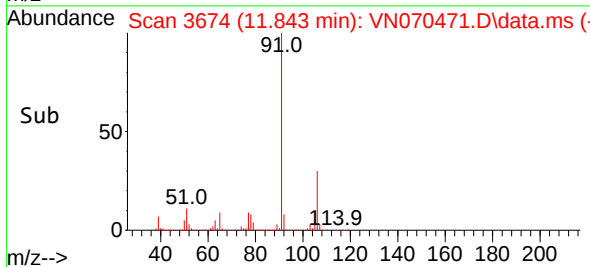
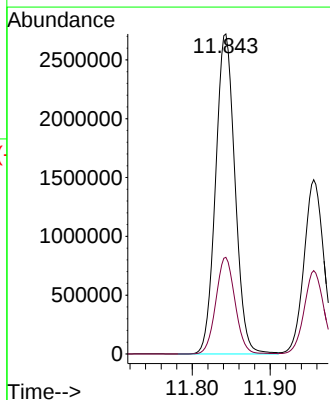
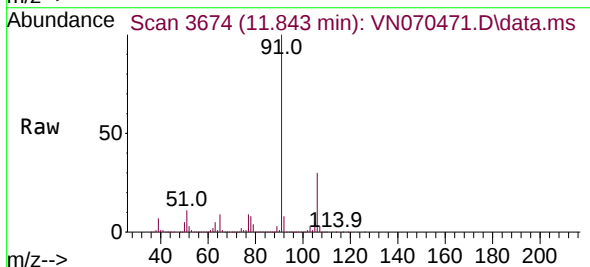
Manual Integrations
APPROVED

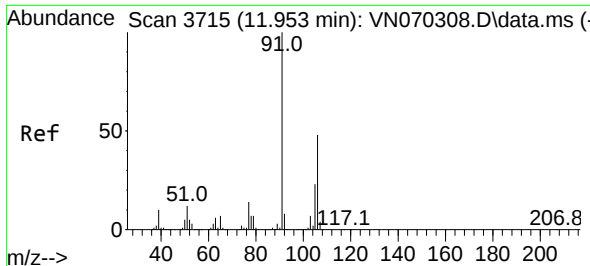
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#67
Ethyl Benzene
Concen: 75.597 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

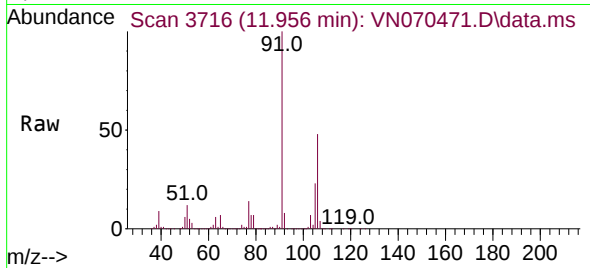
Tgt Ion: 91 Resp: 4691484
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





#68
m/p-Xylenes
Concen: 55.234 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

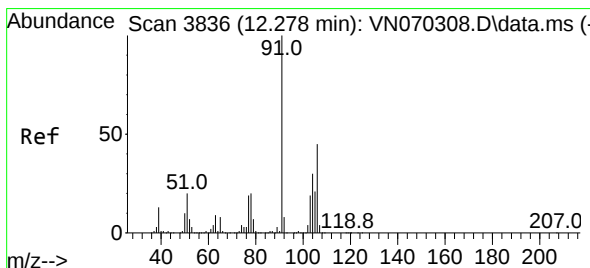
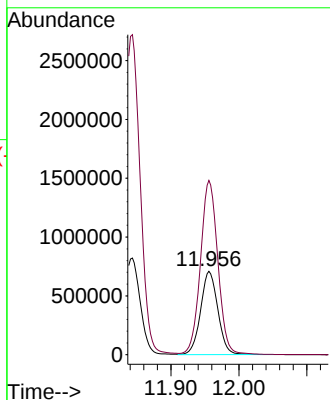
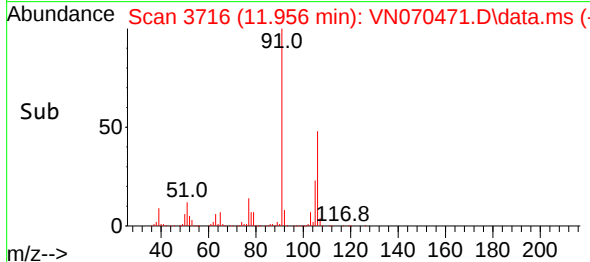
Instrument :
MSVOA_N
ClientSampleId :
MW-2



Tgt Ion:106 Resp: 124773
Ion Ratio Lower Upper
106 100
91 210.9 160.6 240.8

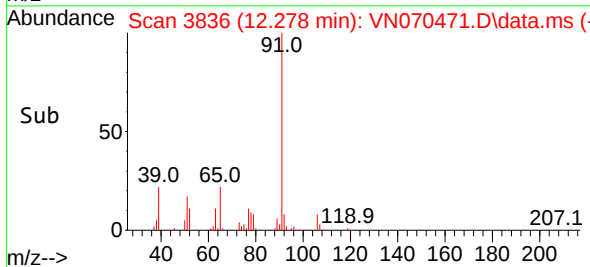
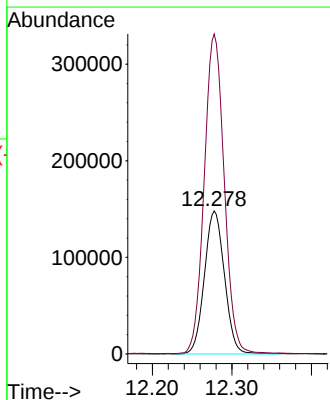
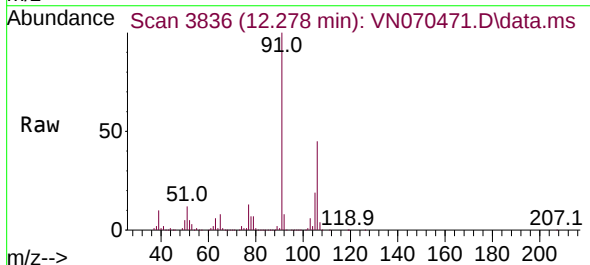
Manual Integrations
APPROVED

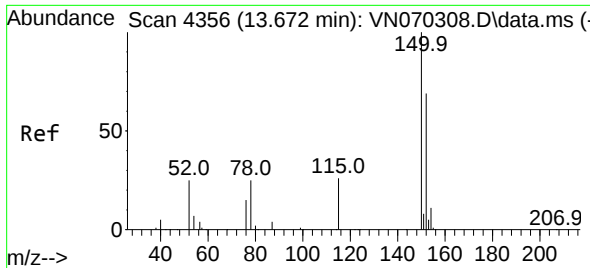
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#69
o-Xylene
Concen: 11.523 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

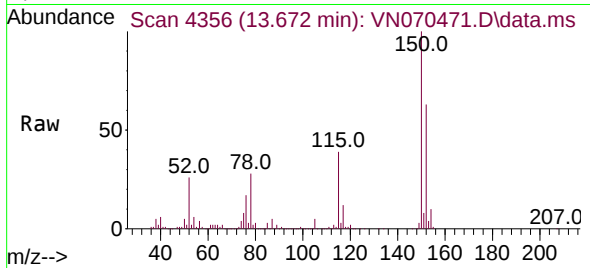
Tgt Ion:106 Resp: 258919
Ion Ratio Lower Upper
106 100
91 222.5 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

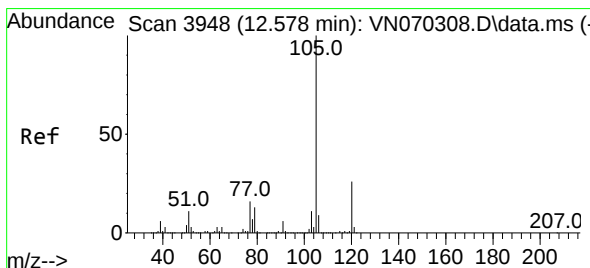
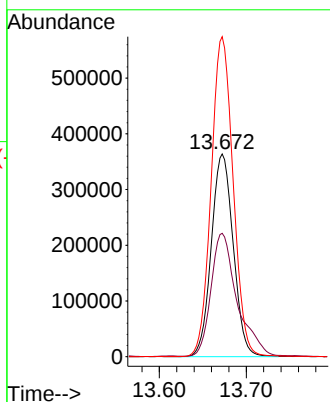
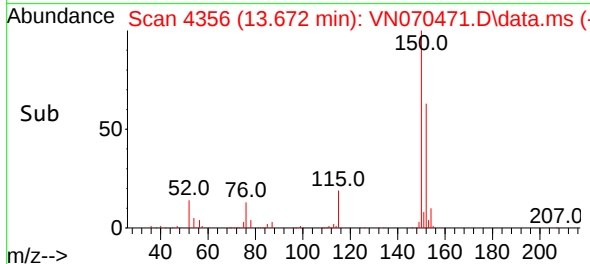
Instrument :
MSVOA_N
ClientSampleId :
MW-2



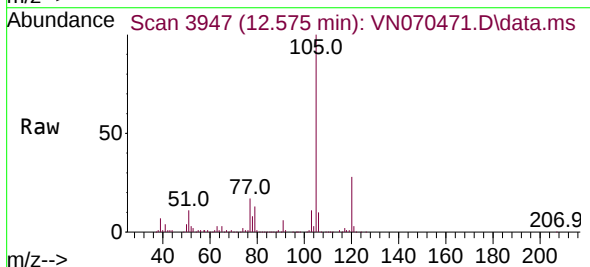
Tgt Ion:152 Resp: 63765
Ion Ratio Lower Upper
152 100
115 72.3 27.5 82.5
150 158.1 0.0 344.4

Manual Integrations
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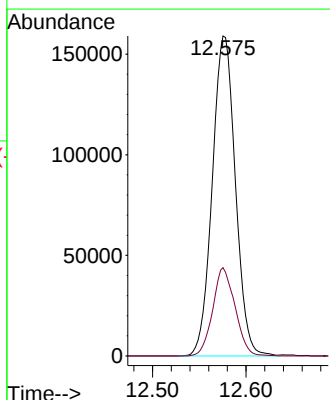
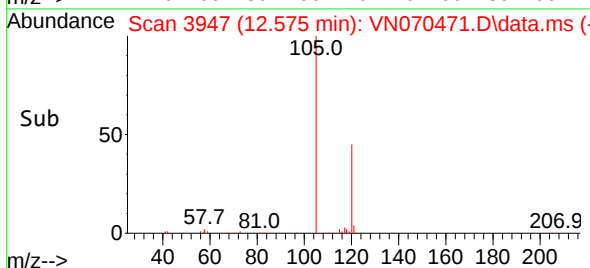
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

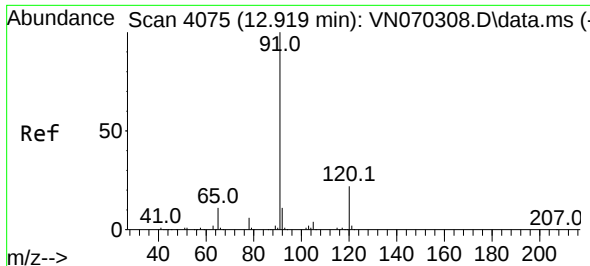


#73
Isopropylbenzene
Concen: 4.620 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24



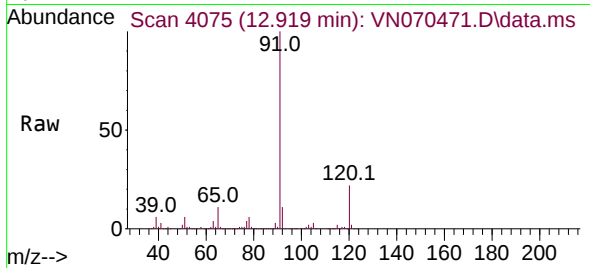
Tgt Ion:105 Resp: 273579
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1





#78
n-propylbenzene
Concen: 10.952 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

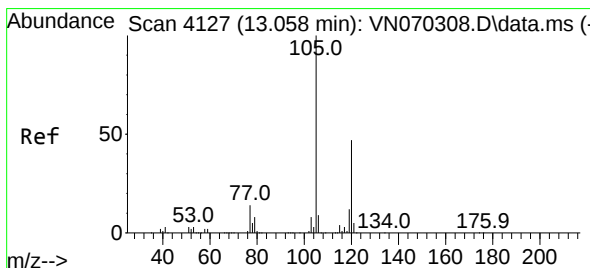
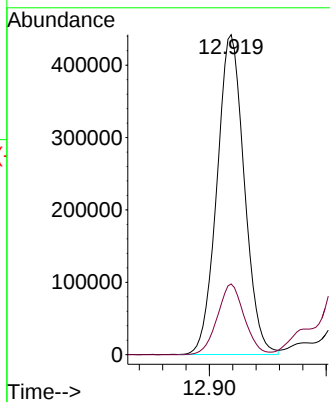
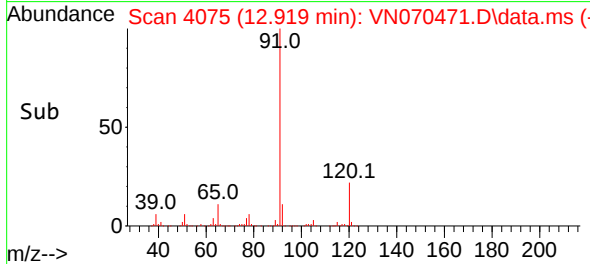
Instrument :
MSVOA_N
ClientSampleId :
MW-2



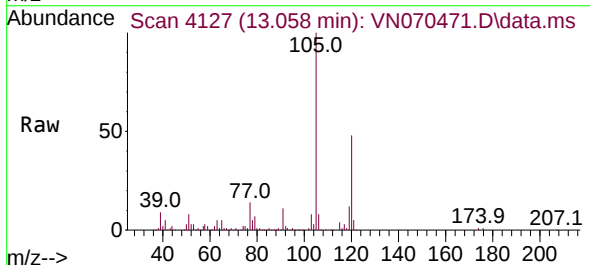
Tgt Ion: 91 Resp: 71852
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

Manual Integrations
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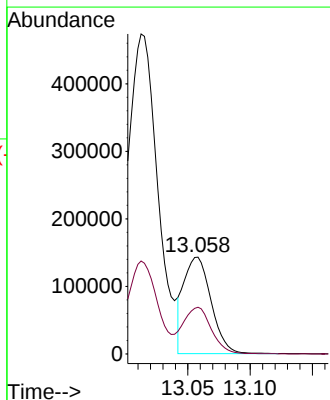
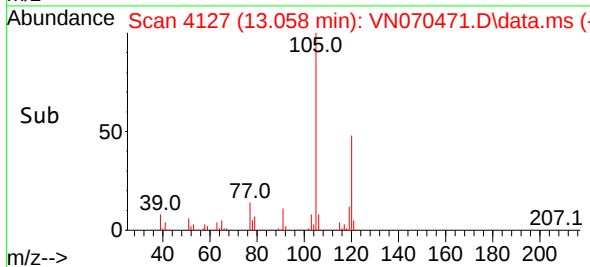
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

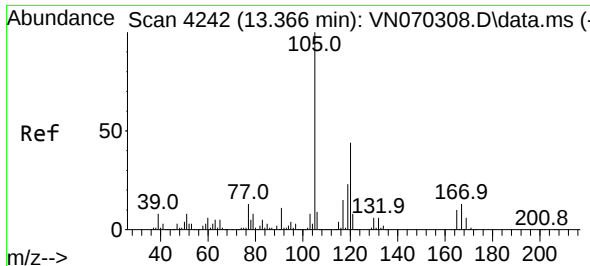


#80
1,3,5-Trimethylbenzene
Concen: 4.566 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24



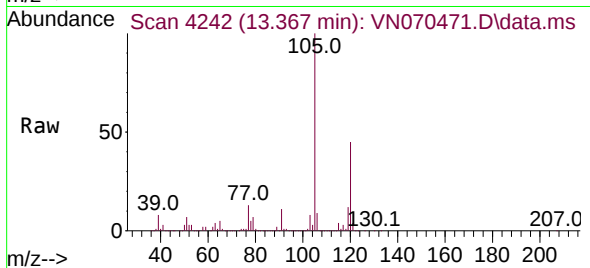
Tgt Ion:105 Resp: 216645
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 121.678 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

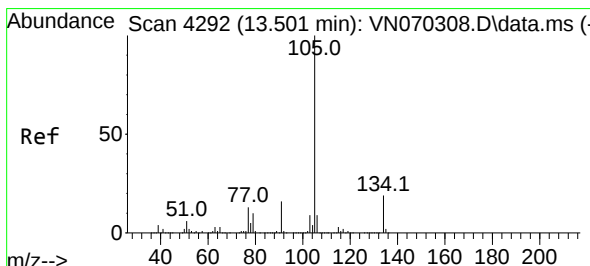
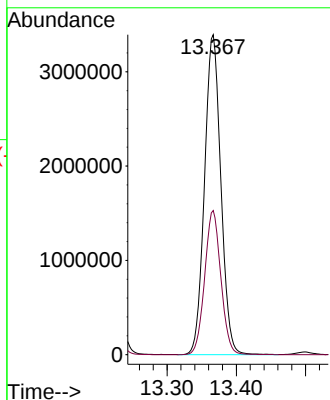
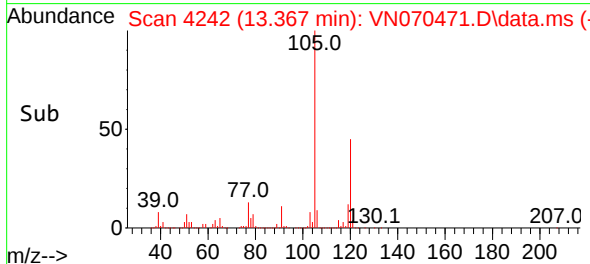
Instrument :
MSVOA_N
ClientSampleId :
MW-2



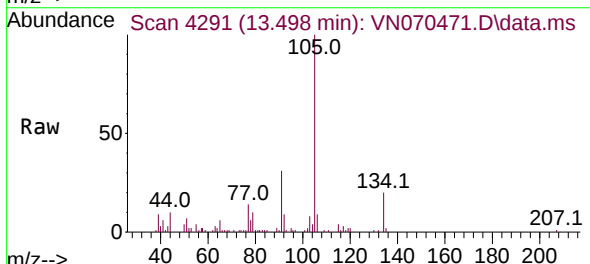
Tgt Ion:105 Resp: 555983
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4

Manual Integrations
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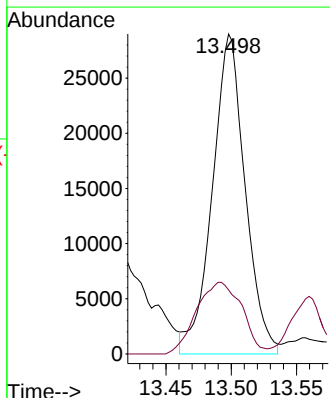
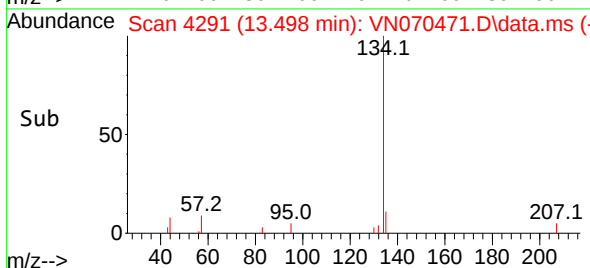
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

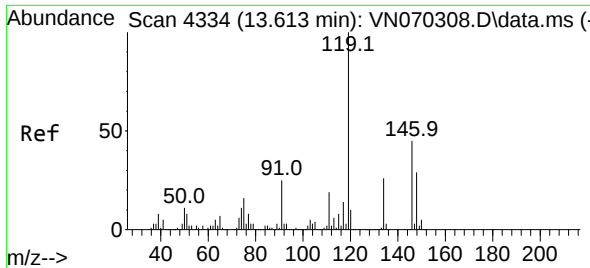


#85
sec-Butylbenzene
Concen: 0.890 ug/l m
RT: 13.498 min Scan# 4291
Delta R.T. -0.003 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24



Tgt Ion:105 Resp: 50491
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





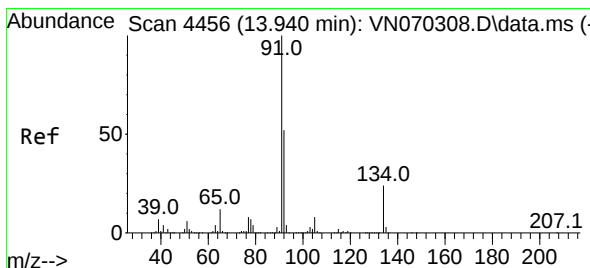
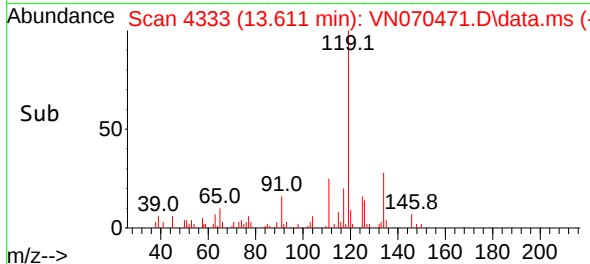
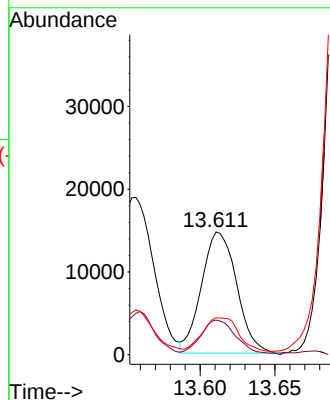
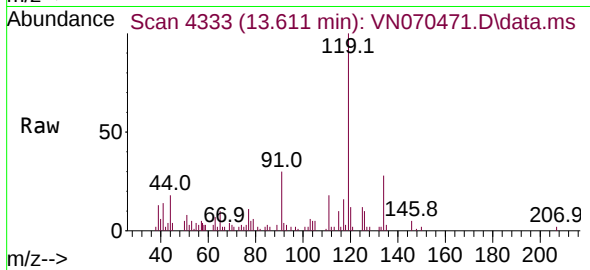
#86
p-Isopropyltoluene
Concen: 0.538 ug/l
RT: 13.611 min Scan# 4334
Delta R.T. -0.002 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:119 Resp: 23990
Ion Ratio Lower Upper
119 100
134 29.0 13.6 40.7
91 0.0 11.4 34.1

Manual Integrations
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Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#89
n-Butylbenzene
Concen: 1.135 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070471.D
Acq: 4 Jan 2022 18:24

Tgt Ion: 91 Resp: 42198
Ion Ratio Lower Upper
91 100
92 67.1 25.4 76.0
134 0.0 13.6 40.8

