

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070458.D
 Acq On : 4 Jan 2022 12:55
 Operator : JC/MD
 Sample : M5251-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DDL

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 03:14:30 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	8.083	168	1154537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1932088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1743550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	658288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	810199	48.807	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.620%		
35) Dibromofluoromethane	8.019	113	553811	47.374	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.740%		
50) Toluene-d8	10.438	98	2298110	48.123	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.728	95	891621	51.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.380%		
Target Compounds					Qvalue	
25) 2-Butanone	7.343	43	32441	2.391	ug/l #	84
31) Cyclohexane	8.086	56	114718	4.379	ug/l #	79
39) Methylcyclohexane	9.459	83	65934	2.816	ug/l	90
52) Toluene	10.502	92	526810	14.680	ug/l	98
67) Ethyl Benzene	11.843	91	1520457	22.432	ug/l	97
68) m/p-Xylenes	11.948	106	2297662	93.124	ug/l	93
69) o-Xylene	12.278	106	766305	31.225	ug/l	91
73) Isopropylbenzene	12.575	105	117912	1.929	ug/l	98
78) n-propylbenzene	12.919	91	363962	5.374	ug/l	95
80) 1,3,5-Trimethylbenzene	13.055	105	627777	12.815	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	2231399	47.303	ug/l	98
85) sec-Butylbenzene	13.501	105	27661m	0.472	ug/l	
86) p-Isopropyltoluene	13.613	119	18215	0.396	ug/l #	77
89) n-Butylbenzene	13.938	91	32786	0.854	ug/l #	73

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

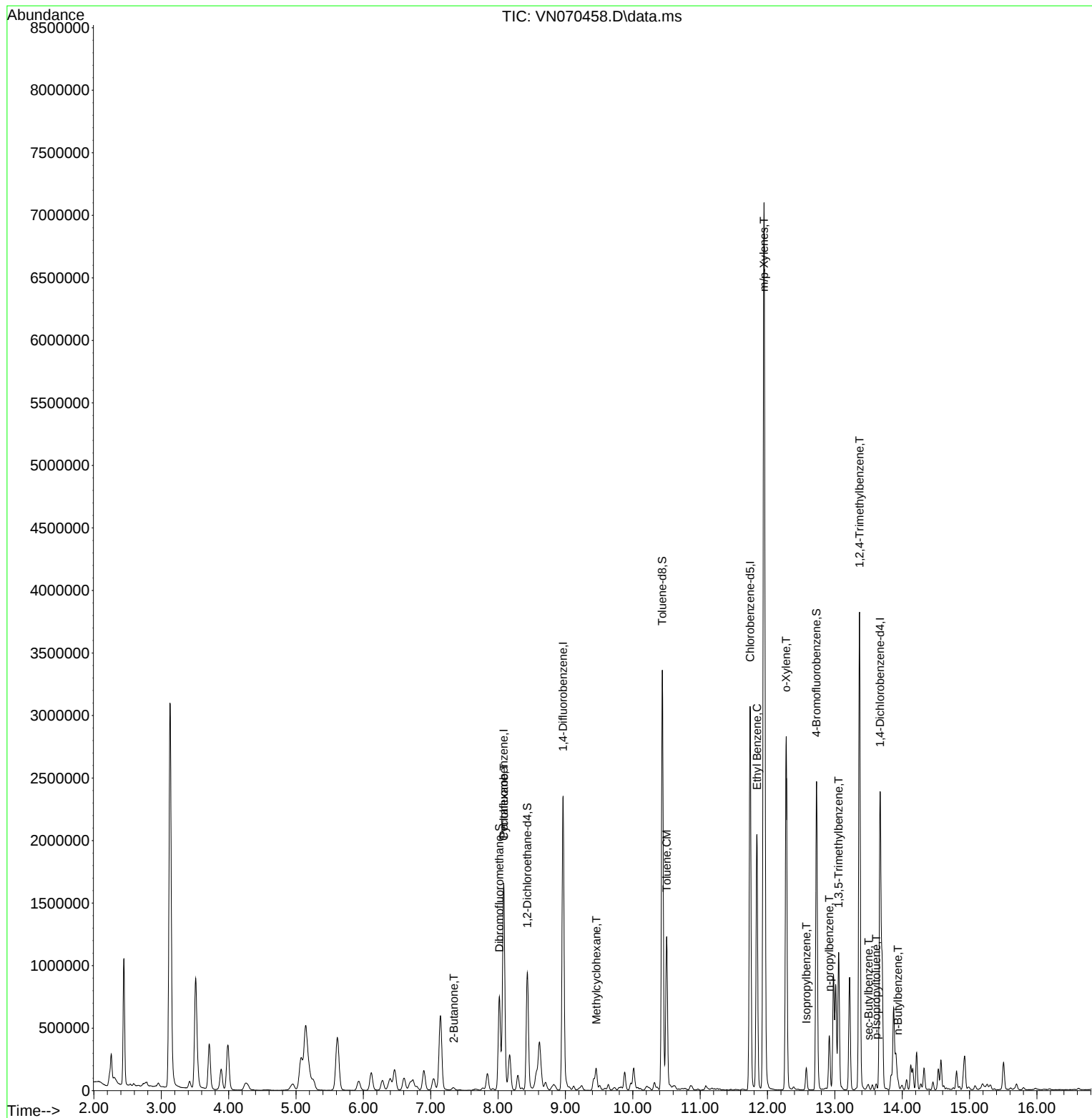
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070458.D
Acq On : 4 Jan 2022 12:55
Operator : JC/MD
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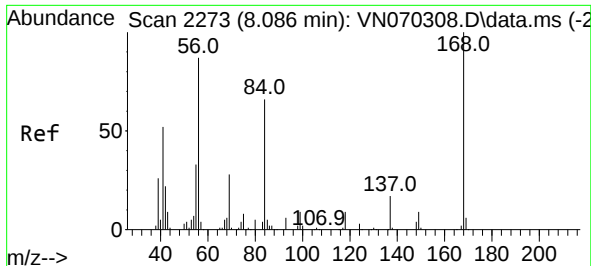
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL

Quant Time: Jan 05 03:14:30 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

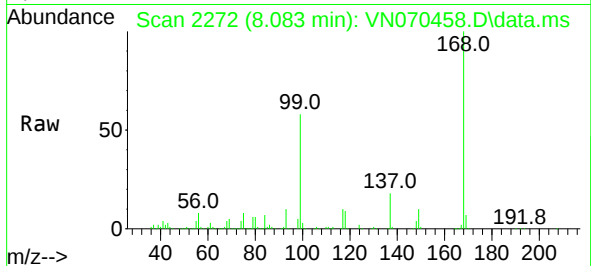
Reviewed By : John Carlone 01/05/2022
Supervised By : Mahesh Dadoda 01/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

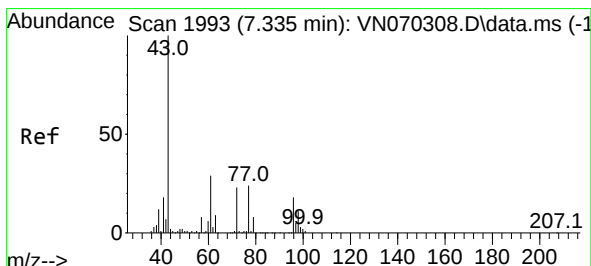
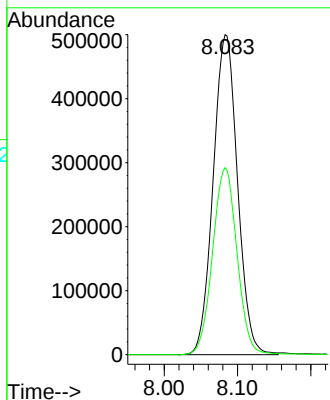
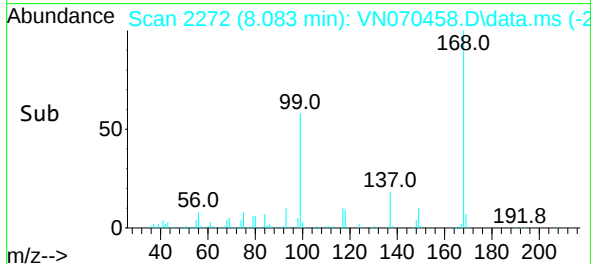
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



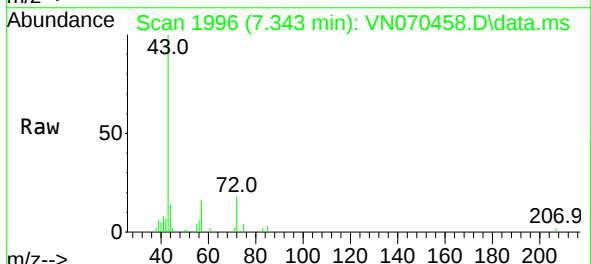
Tgt Ion:168 Resp: 115453
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

Manual Integrations
APPROVED

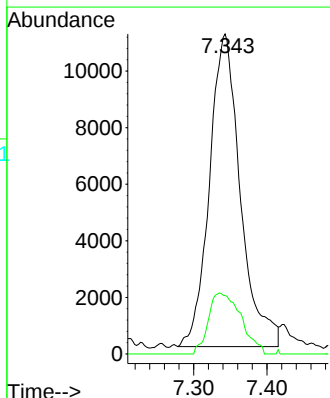
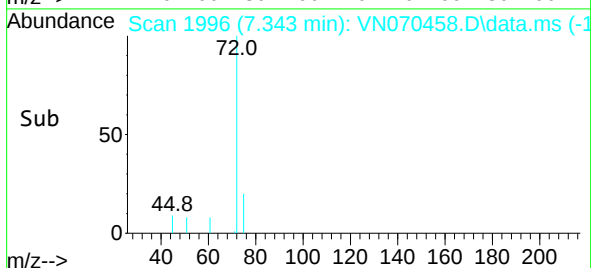
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

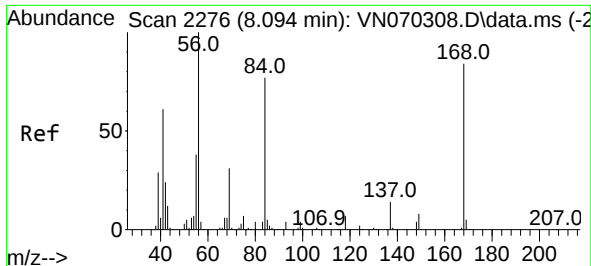


#25
2-Butanone
Concen: 2.391 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55



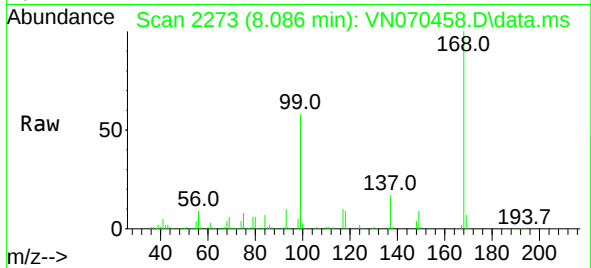
Tgt Ion: 43 Resp: 32441
Ion Ratio Lower Upper
43 100
72 18.7 21.7 32.5





#31
Cyclohexane
Concen: 4.379 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.008 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

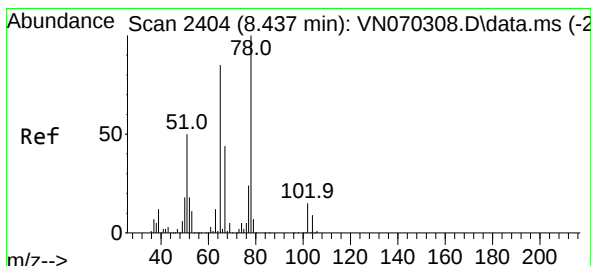
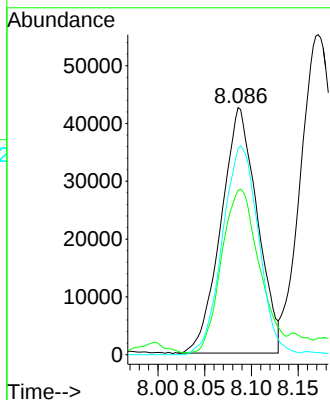
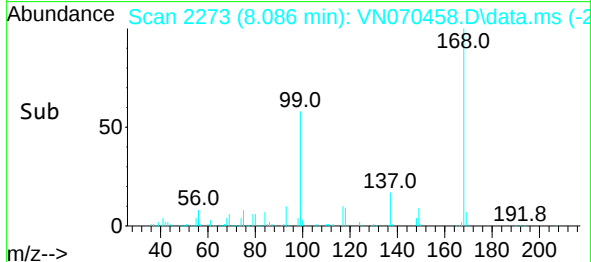
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



Tgt Ion: 56 Resp: 114718
Ion Ratio Lower Upper
56 100
69 65.6 27.1 40.7
84 83.9 73.4 110.0

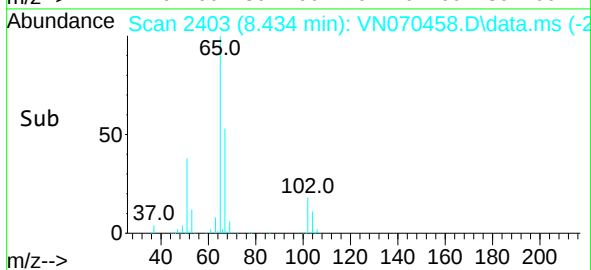
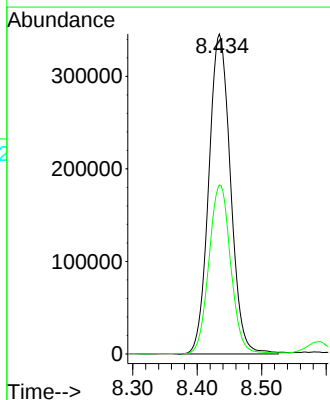
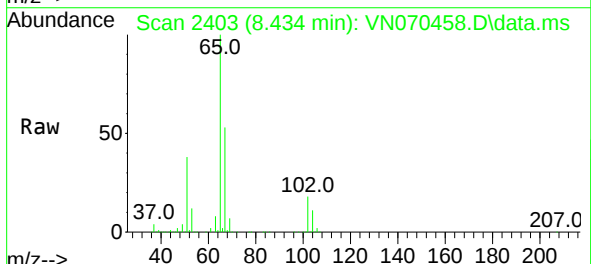
Manual Integrations
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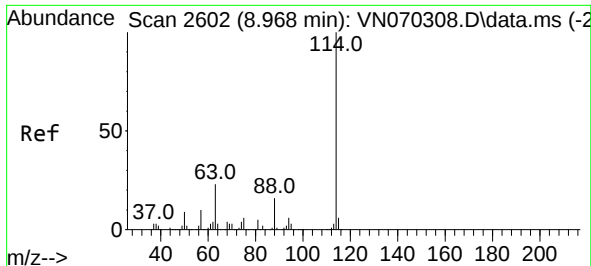
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#33
1,2-Dichloroethane-d4
Concen: 48.807 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

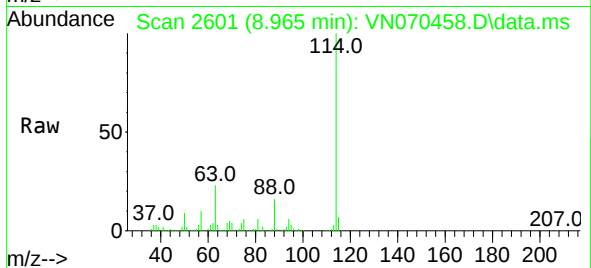
Tgt Ion: 65 Resp: 810199
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

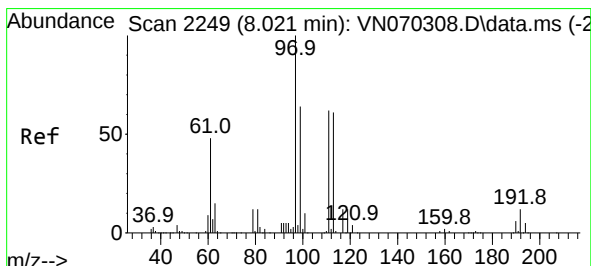
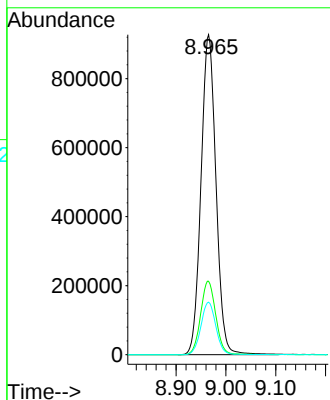
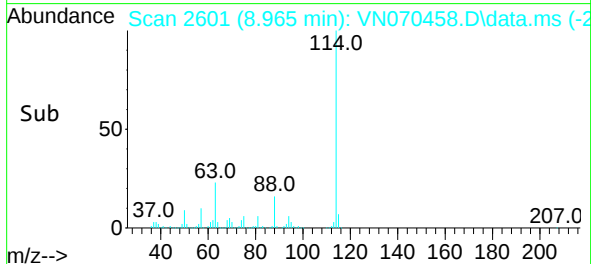
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



Tgt Ion:114 Resp: 1932088
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 16.4 0.0 27.4

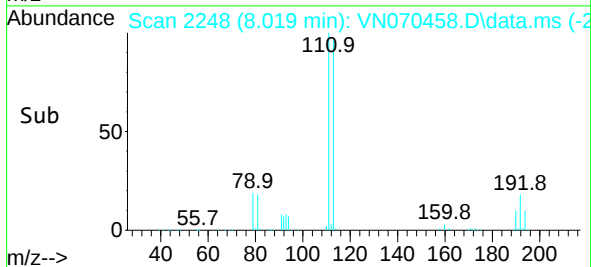
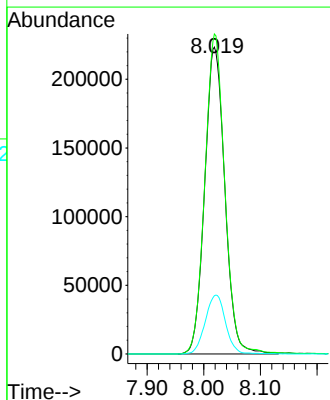
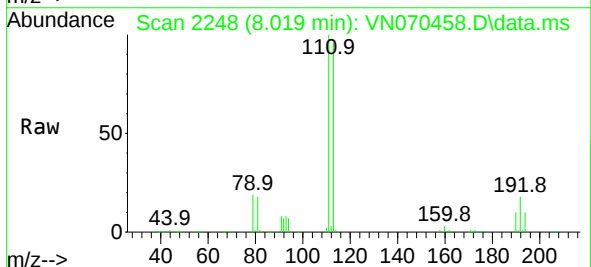
Manual Integrations
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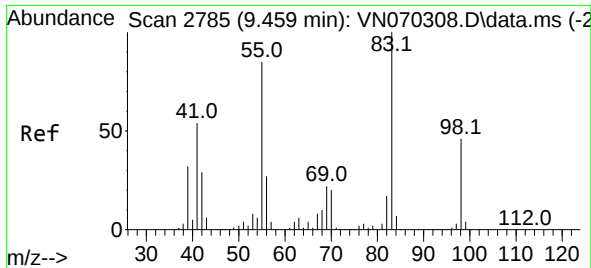
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#35
Dibromofluoromethane
Concen: 47.374 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

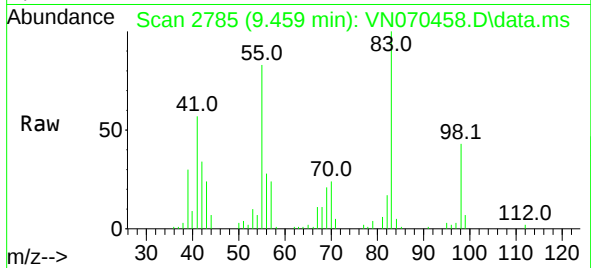
Tgt Ion:113 Resp: 553811
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.4 16.9 25.3





#39
Methylcyclohexane
Concen: 2.816 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

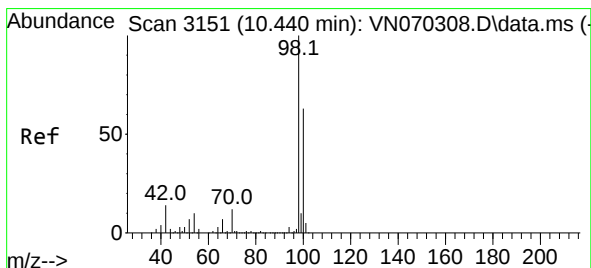
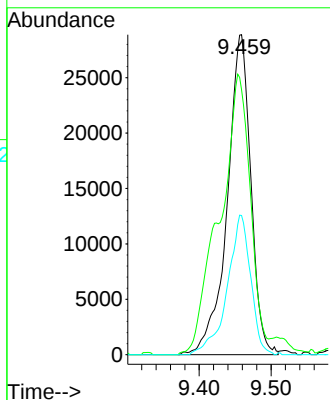
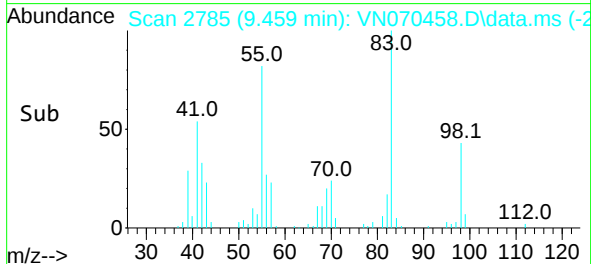
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



Tgt Ion: 83 Resp: 65934
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 43.5 38.4 57.6

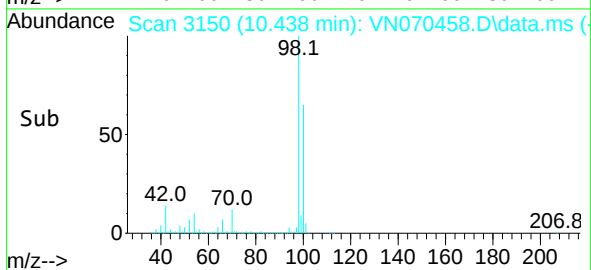
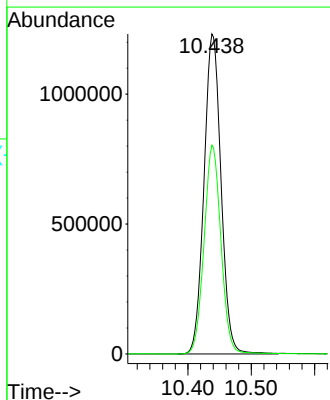
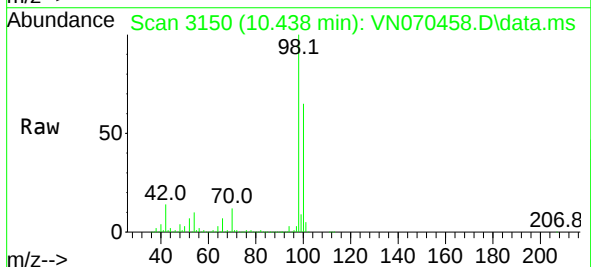
Manual Integrations
APPROVED

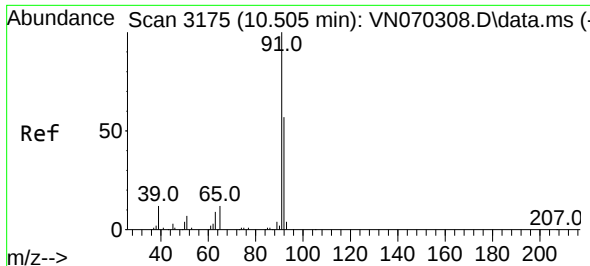
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#50
Toluene-d8
Concen: 48.123 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

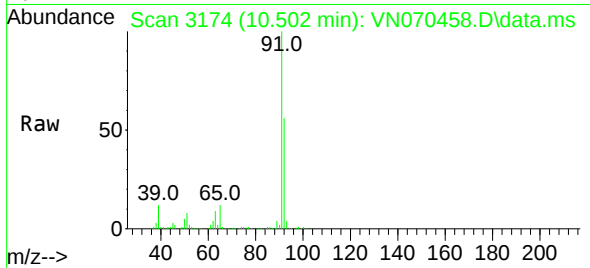
Tgt Ion: 98 Resp: 2298110
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#52
Toluene
Concen: 14.680 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

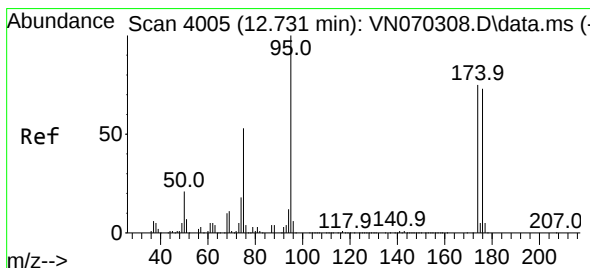
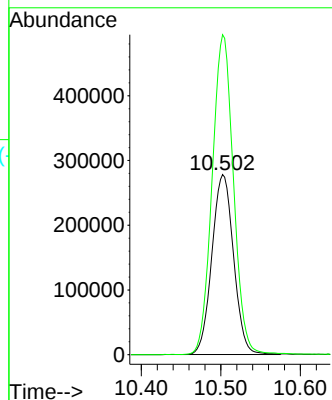
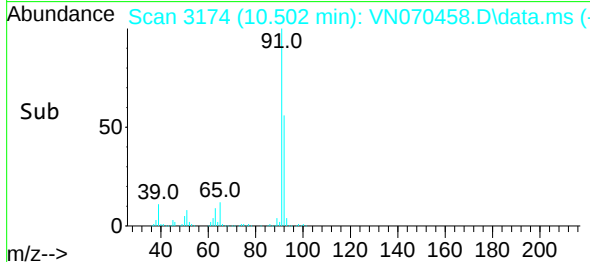
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



Tgt Ion: 92 Resp: 526810
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0

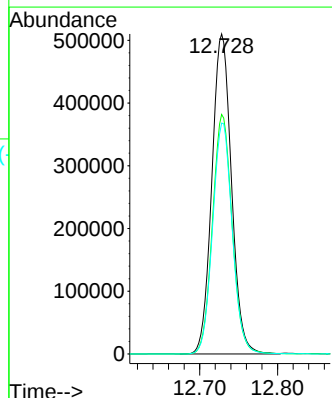
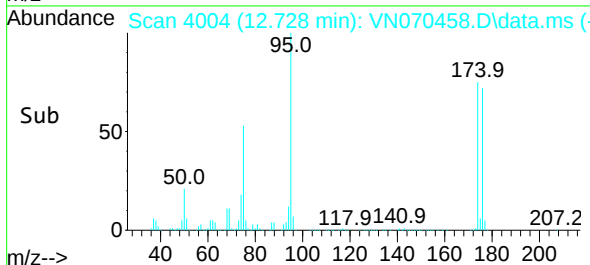
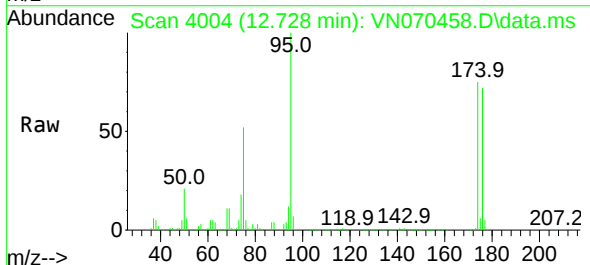
Manual Integrations
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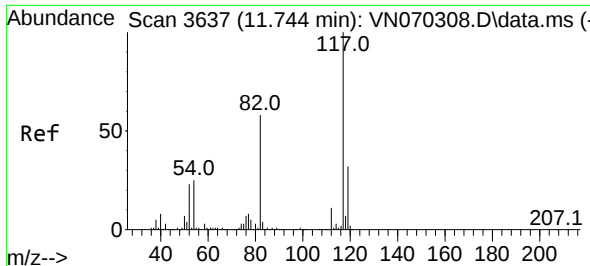
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#62
4-Bromofluorobenzene
Concen: 51.694 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

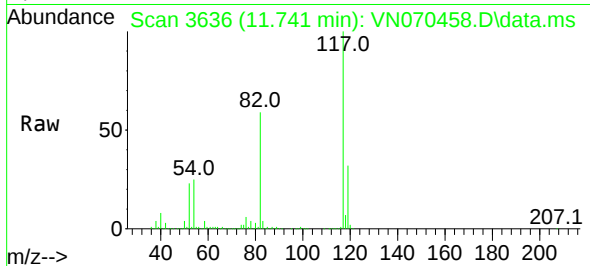
Tgt Ion: 95 Resp: 891621
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

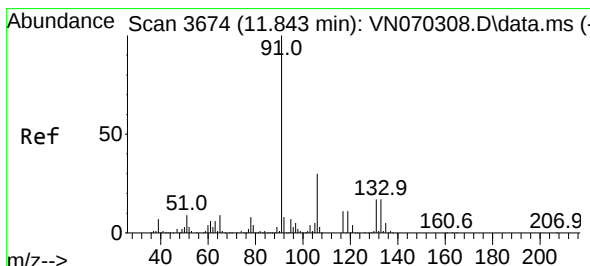
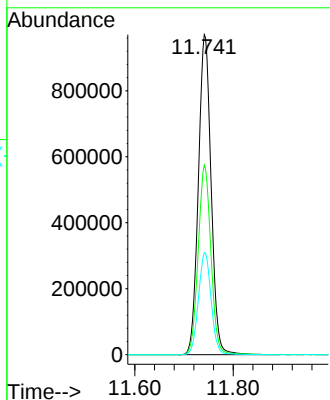
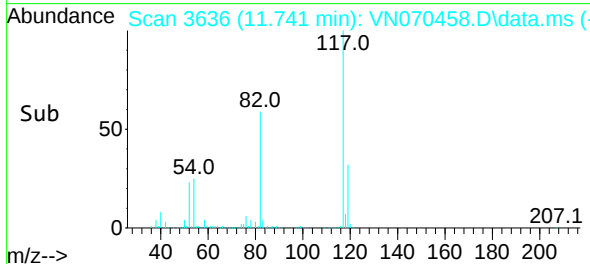
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



Tgt Ion: 117 Resp: 1743550
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.9 25.4 38.2

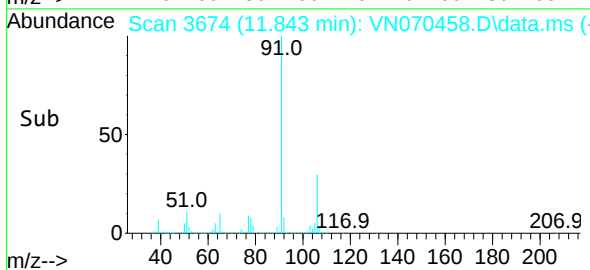
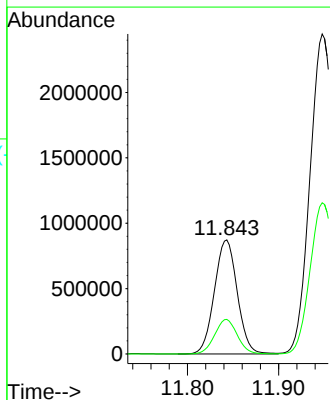
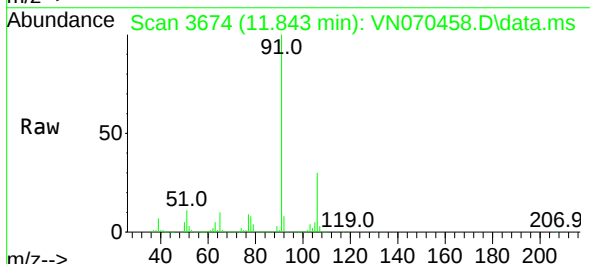
Manual Integrations
APPROVED

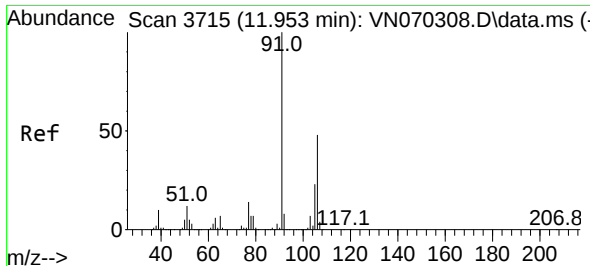
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#67
Ethyl Benzene
Concen: 22.432 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

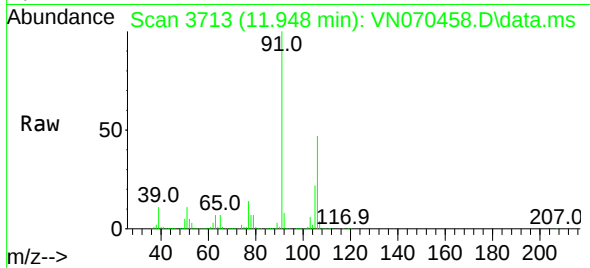
Tgt Ion: 91 Resp: 1520457
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5





#68
m/p-Xylenes
Concen: 93.124 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

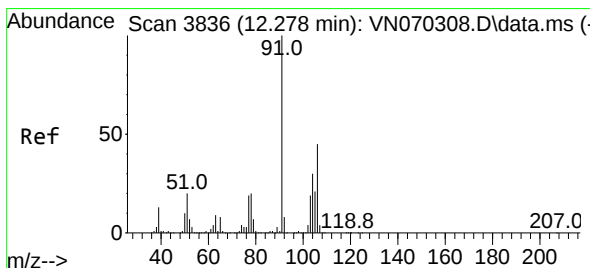
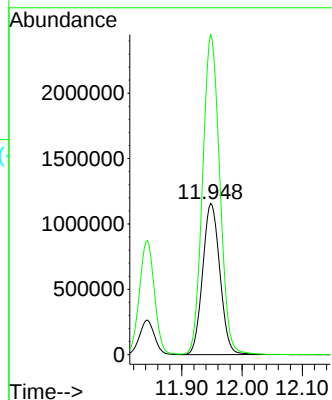
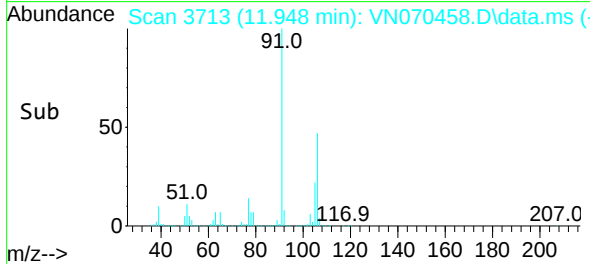
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



Tgt Ion:106 Resp: 2297662
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8

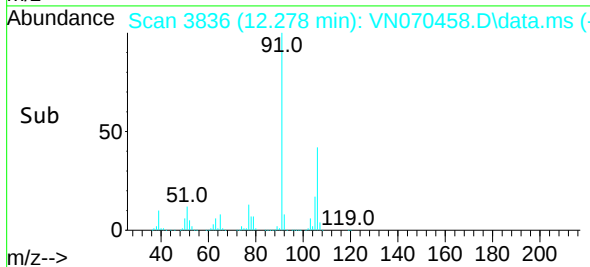
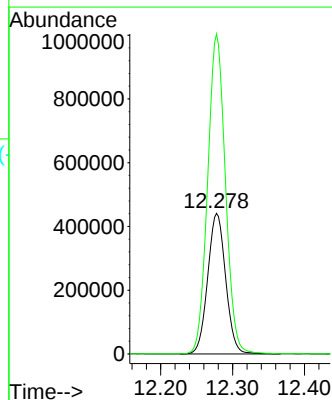
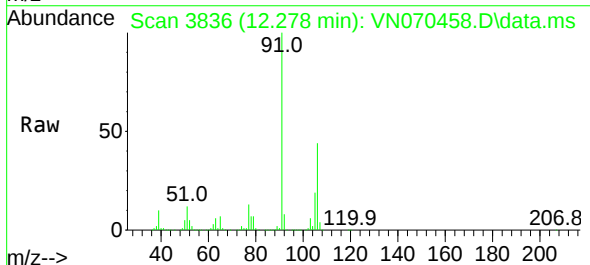
Manual Integrations
APPROVED

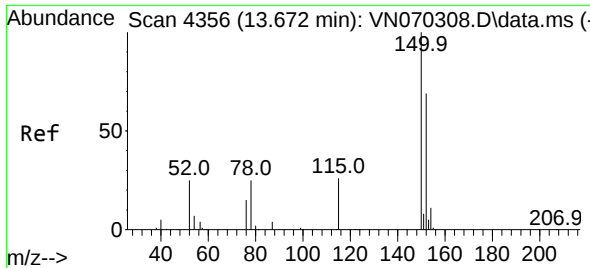
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#69
o-Xylene
Concen: 31.225 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

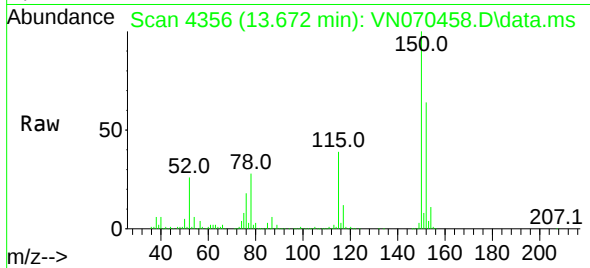
Tgt Ion:106 Resp: 766305
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

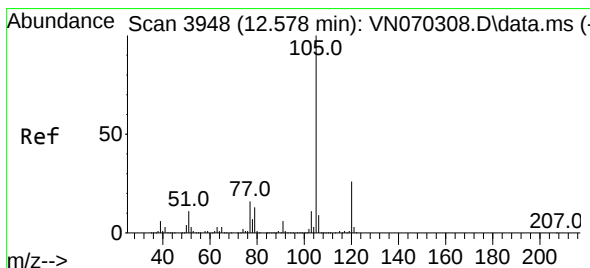
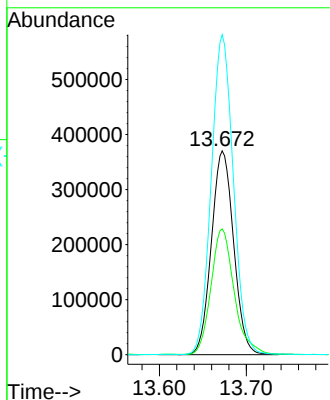
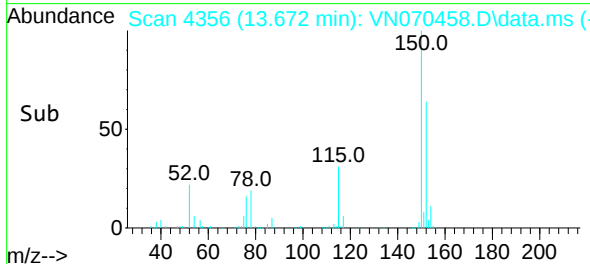
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



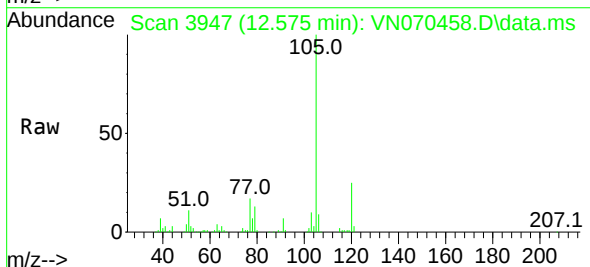
Tgt Ion:152 Resp: 65828
Ion Ratio Lower Upper
152 100
115 63.9 27.5 82.5
150 155.8 0.0 344.4

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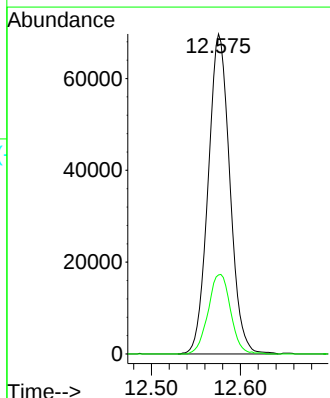
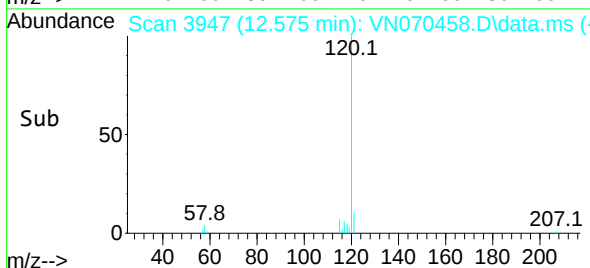
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

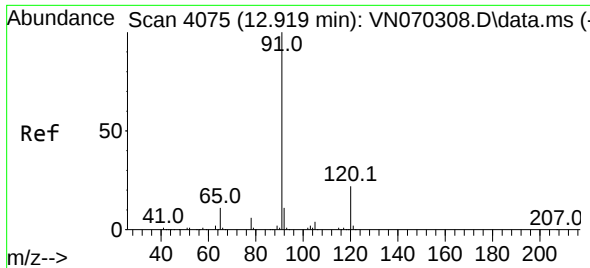


#73
Isopropylbenzene
Concen: 1.929 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55



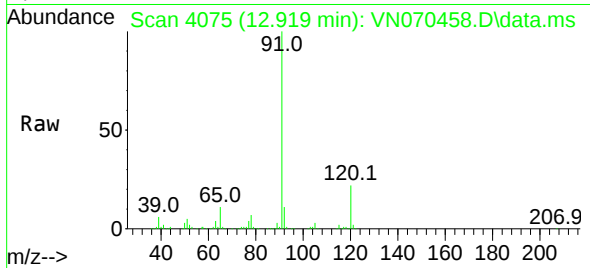
Tgt Ion:105 Resp: 117912
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#78
n-propylbenzene
Concen: 5.374 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

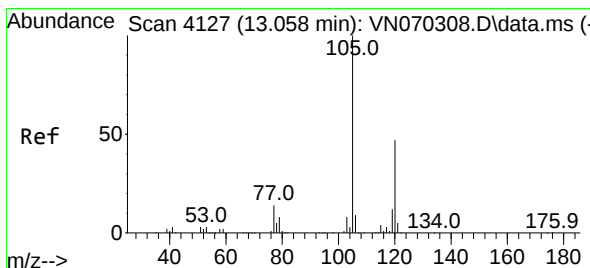
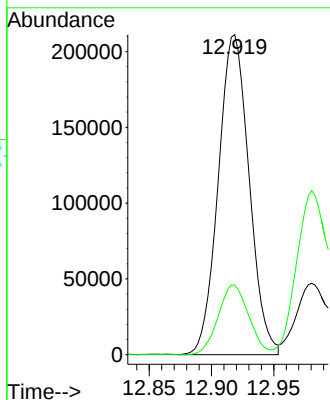
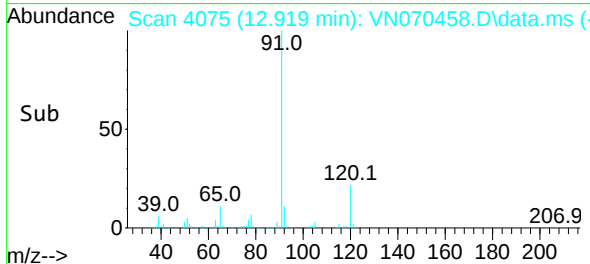
Instrument :
MSVOA_N
Client SampleId :
MW-2DDL



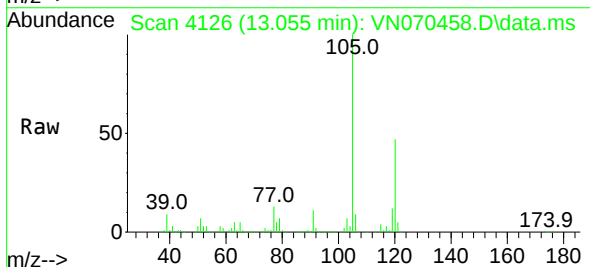
Tgt Ion: 91 Resp: 363962
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9

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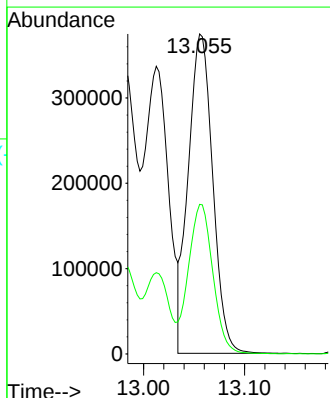
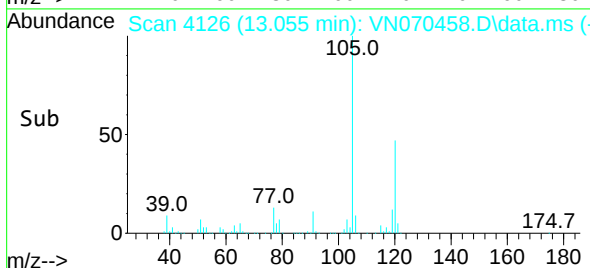
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

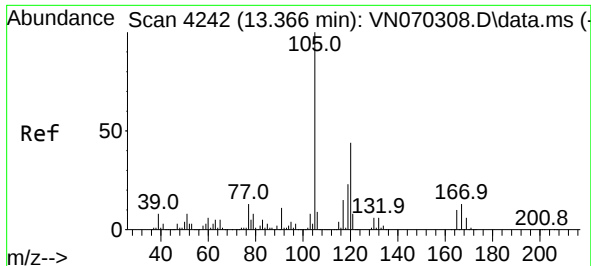


#80
1,3,5-Trimethylbenzene
Concen: 12.815 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55



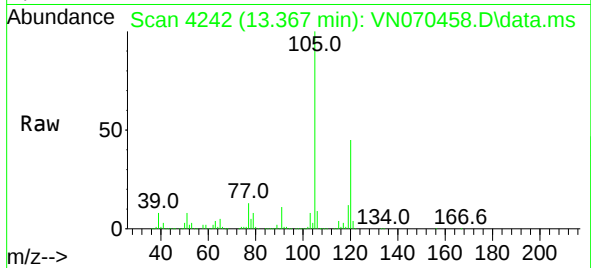
Tgt Ion:105 Resp: 627777
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 47.303 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

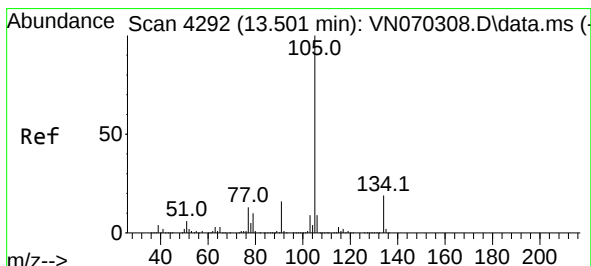
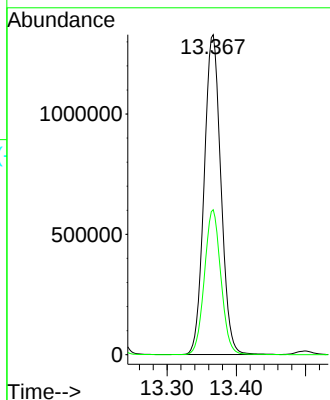
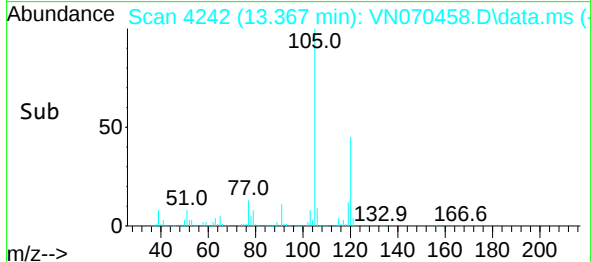
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



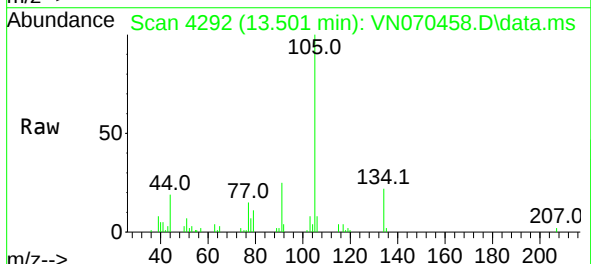
Tgt Ion:105 Resp: 223139
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4

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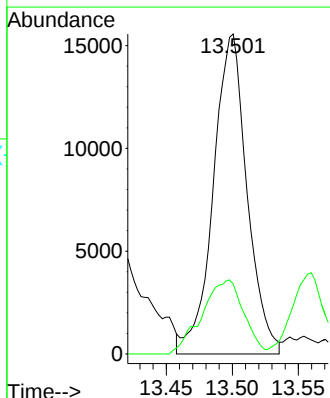
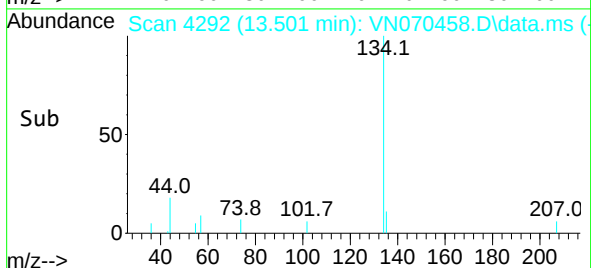
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

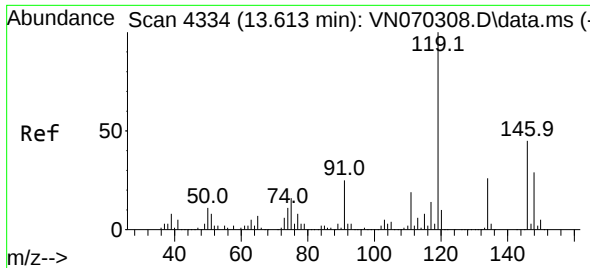


#85
sec-Butylbenzene
Concen: 0.472 ug/l m
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55



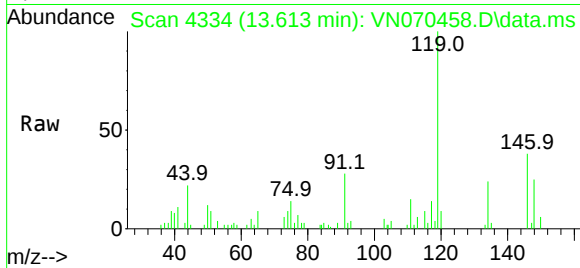
Tgt Ion:105 Resp: 27661
Ion Ratio Lower Upper
105 100
134 1.3 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.396 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55

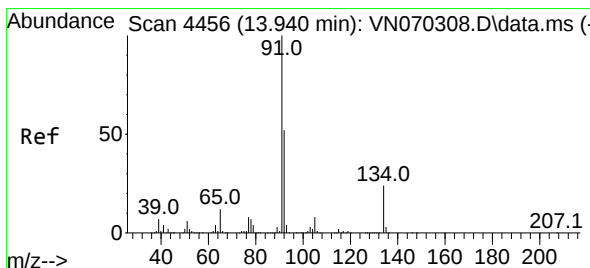
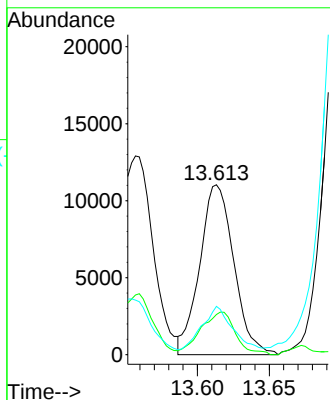
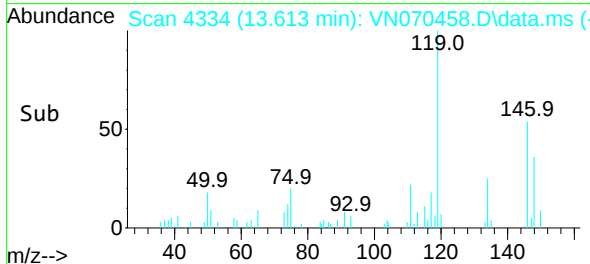
Instrument :
MSVOA_N
ClientSampleId :
MW-2DDL



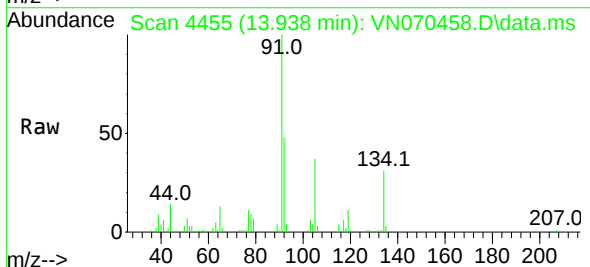
Tgt Ion:119 Resp: 18215
Ion Ratio Lower Upper
119 100
134 25.6 13.6 40.7
91 0.0 11.4 34.1

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 0.854 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070458.D
Acq: 4 Jan 2022 12:55



Tgt Ion: 91 Resp: 32786
Ion Ratio Lower Upper
91 100
92 60.4 25.4 76.0
134 0.0 13.6 40.8

