

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070494.D
 Acq On : 5 Jan 2022 17:12
 Operator : JC/MD
 Sample : N1012-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31243

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 12:35:40 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	619168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1181444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	807228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	199606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	686374	77.099	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 154.200%#			
35) Dibromofluoromethane	8.021	113	457402	63.987	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 127.980%			
50) Toluene-d8	10.440	98	1208435	41.382	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 82.760%			
62) 4-Bromofluorobenzene	12.731	95	356108	33.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 67.520%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.374	59	12196m	8.228	ug/l	
16) Acetone	4.288	43	145797	25.228	ug/l	100
20) Methylene Chloride	5.095	84	7749	0.969	ug/l	93
39) Methylcyclohexane	9.459	83	6176	0.431	ug/l	92
40) Benzene	8.461	78	38526	1.063	ug/l	100
51) 4-Methyl-2-Pentanone	10.330	43	22310	1.469	ug/l	99
52) Toluene	10.502	92	264447	12.051	ug/l	99
67) Ethyl Benzene	11.843	91	14177	0.452	ug/l	98
68) m/p-Xylenes	11.950	106	23412	2.050	ug/l	90
69) o-Xylene	12.275	106	8620	0.759	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	8685	0.607	ug/l	90

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

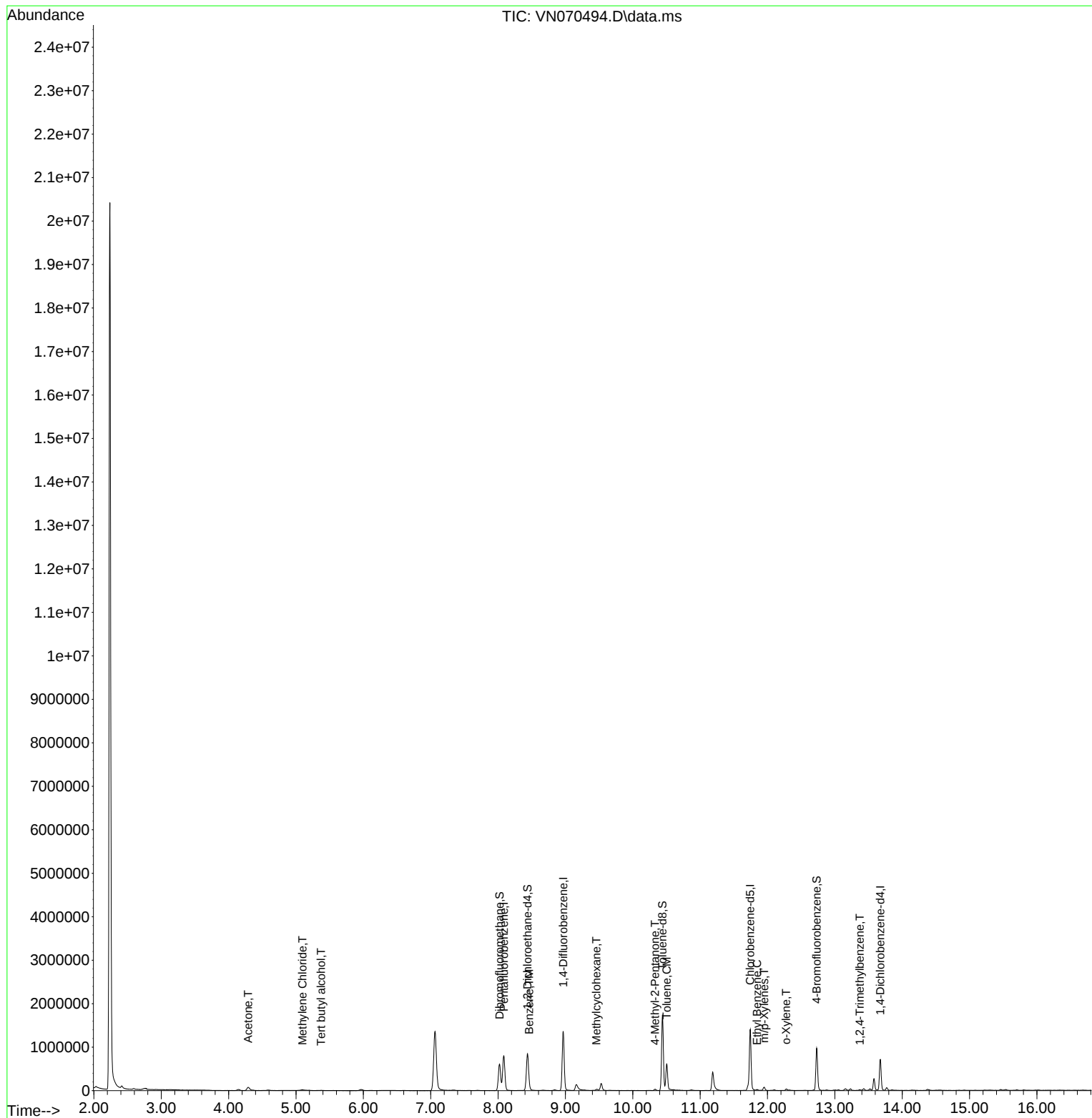
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
Data File : VN070494.D
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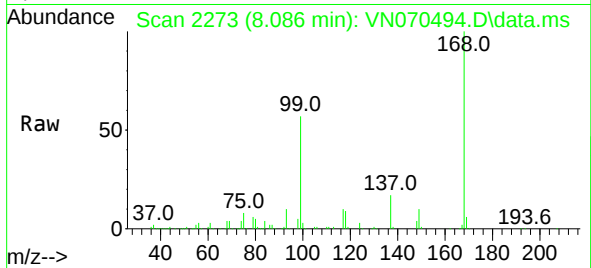
Quant Time: Jan 06 12:35:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

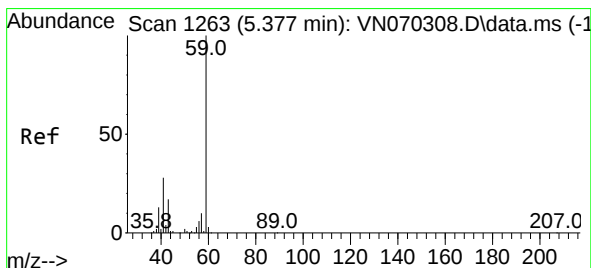
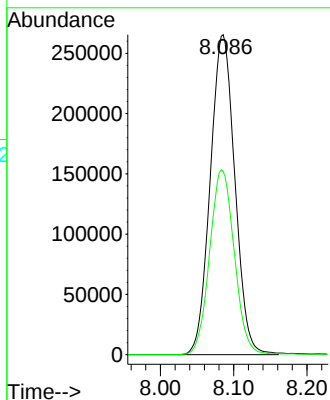
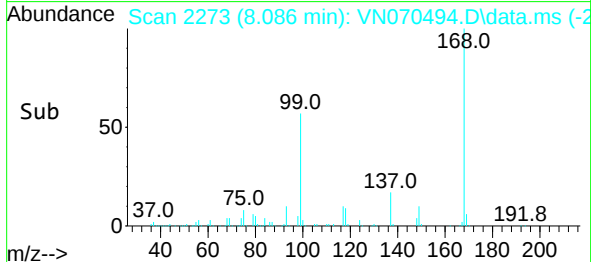
Instrument :
MSVOA_N
ClientSampleId :
31243



Tgt Ion:168 Resp: 61916
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9

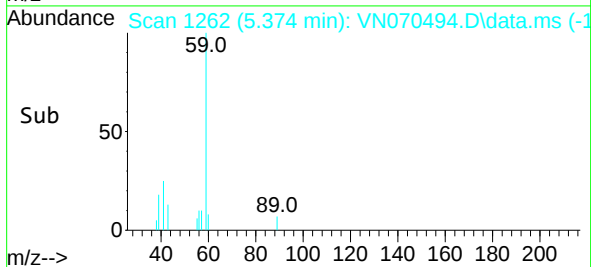
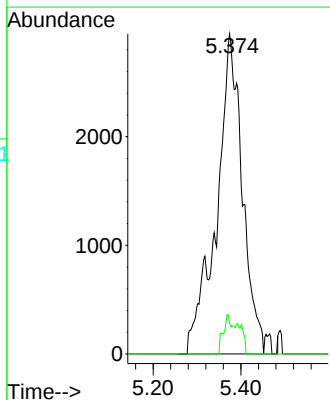
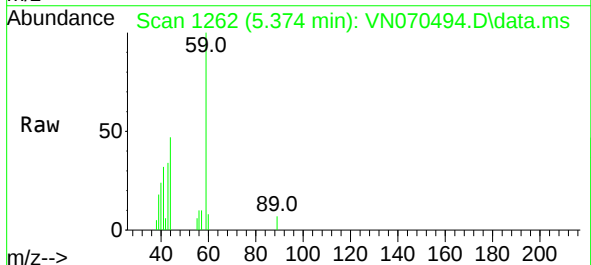
Manual Integrations
APPROVED

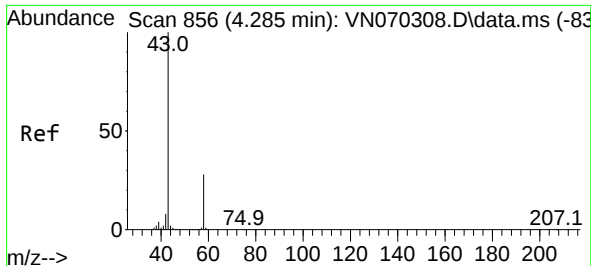
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#11
Tert butyl alcohol
Concen: 8.228 ug/l m
RT: 5.374 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

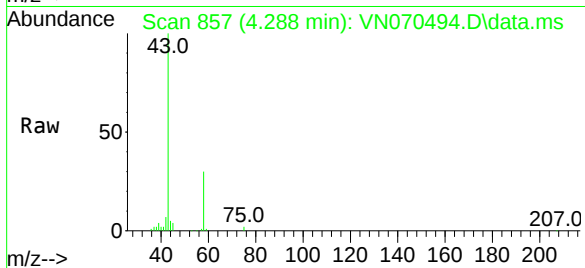
Tgt Ion: 59 Resp: 12196
Ion Ratio Lower Upper
59 100
57 4.7 8.7 13.1#





#16
Acetone
Concen: 25.228 ug/l
RT: 4.288 min Scan# 856
Delta R.T. 0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

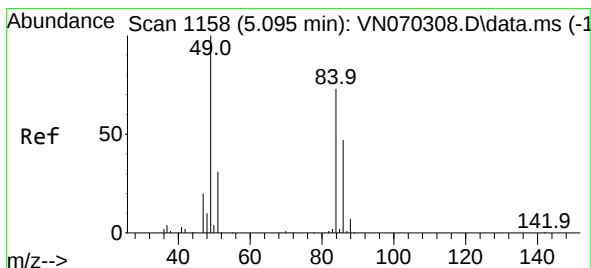
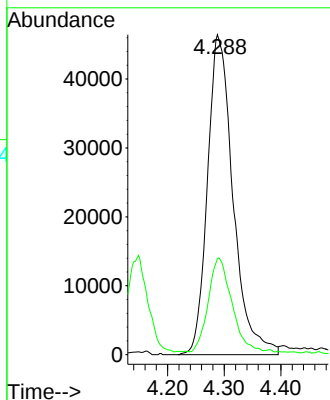
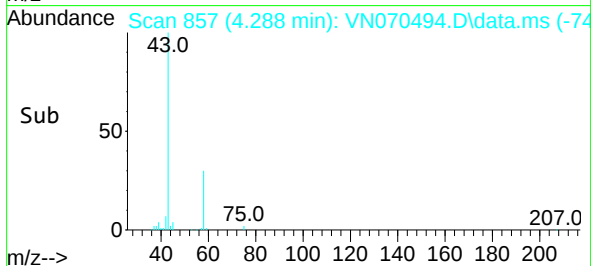
Instrument :
MSVOA_N
ClientSampleId :
31243



Tgt Ion: 43 Resp: 14579
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7

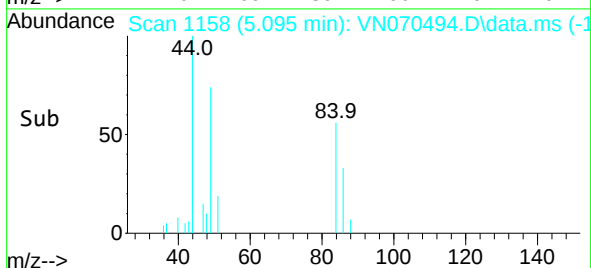
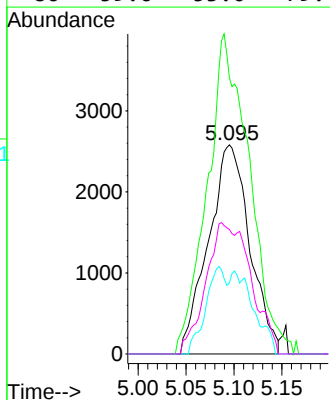
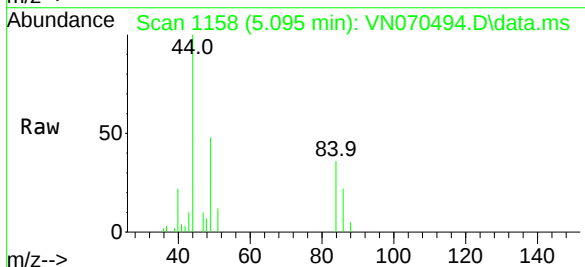
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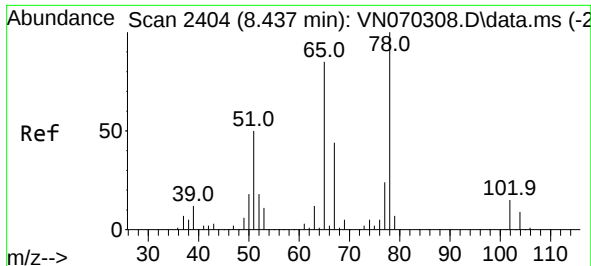
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#20
Methylene Chloride
Concen: 0.969 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

Tgt Ion: 84 Resp: 7749
Ion Ratio Lower Upper
84 100
49 125.3 93.5 140.3
51 34.0 29.4 44.2
86 59.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 77.099 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070494.D

Acq: 5 Jan 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

31243

Tgt Ion: 65 Resp: 686374

Ion Ratio Lower Upper

65 100

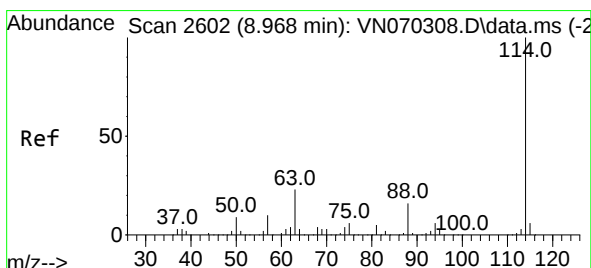
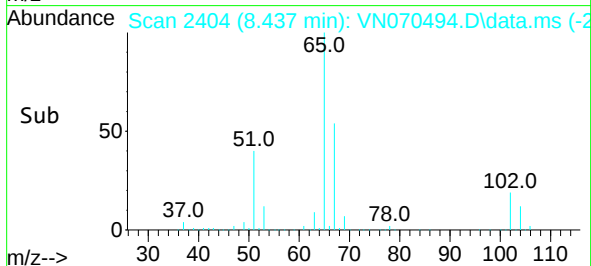
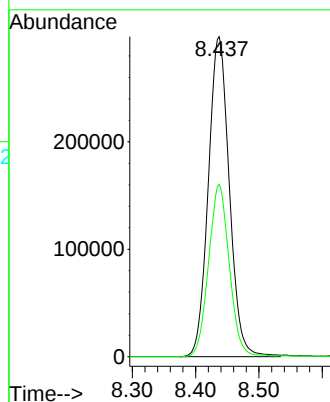
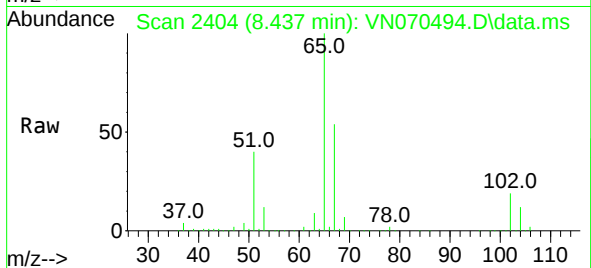
67 53.2 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 01/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070494.D

Acq: 5 Jan 2022 17:12

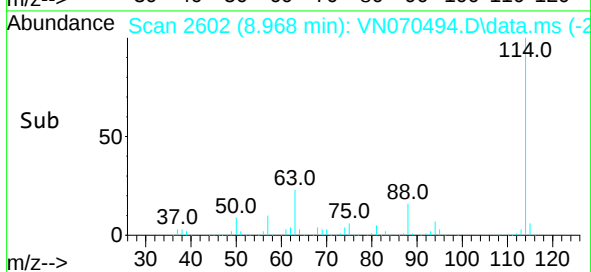
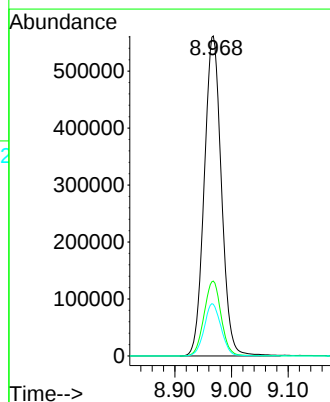
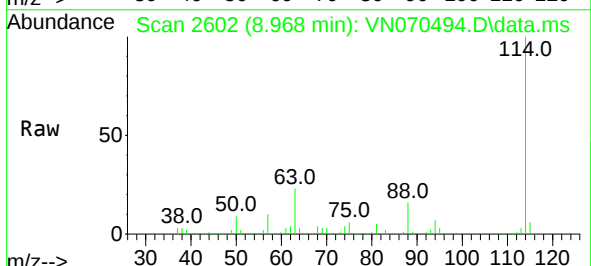
Tgt Ion:114 Resp: 1181444

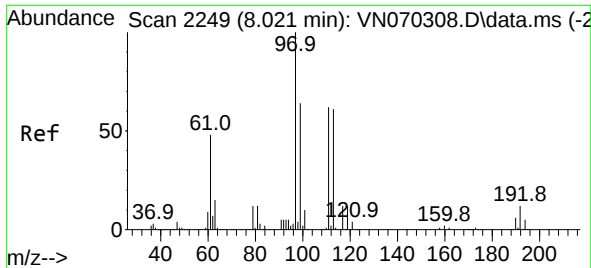
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

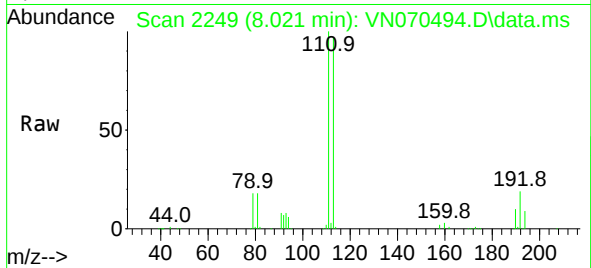
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 63.987 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

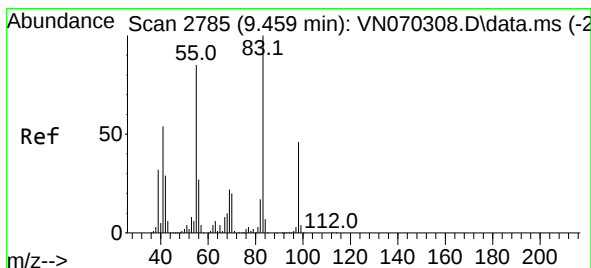
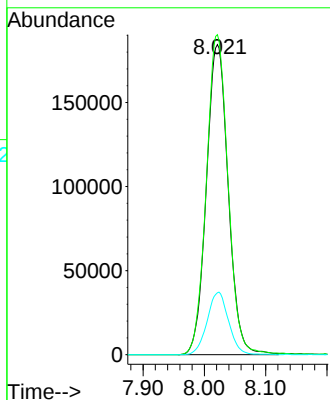
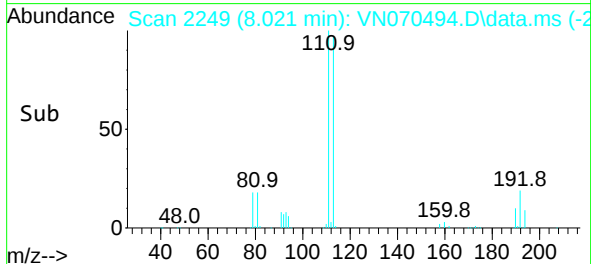
Instrument :
MSVOA_N
ClientSampleId :
31243



Tgt Ion:113 Resp: 45740
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.7 16.9 25.3

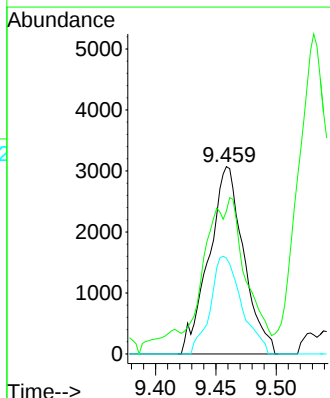
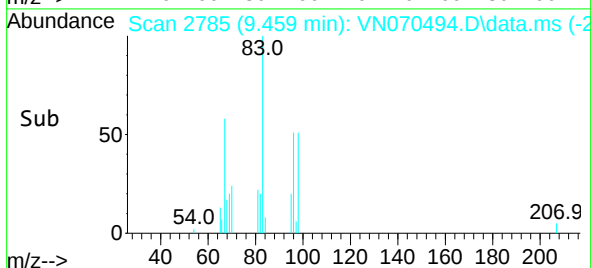
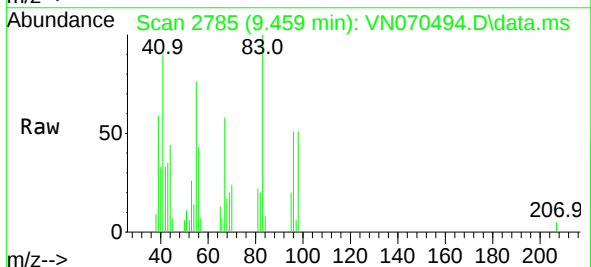
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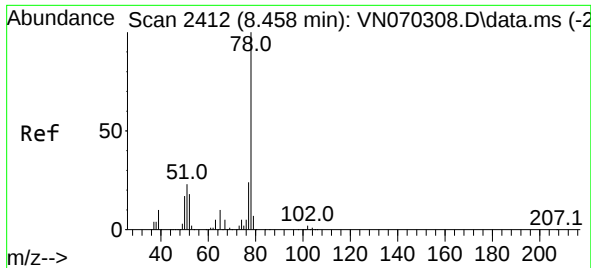
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#39
Methylcyclohexane
Concen: 0.431 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

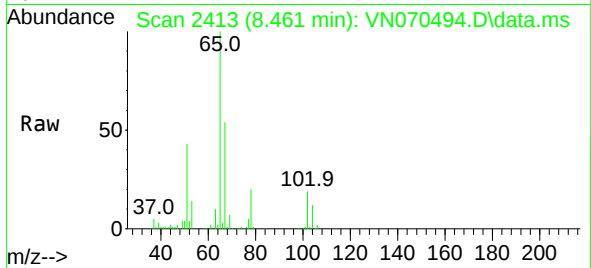
Tgt Ion: 83 Resp: 6176
Ion Ratio Lower Upper
83 100
55 64.1 58.1 87.1
98 51.2 38.4 57.6





#40
Benzene
Concen: 1.063 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

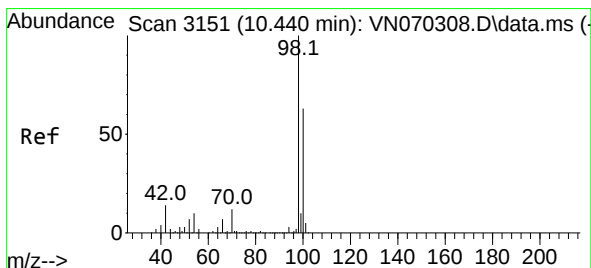
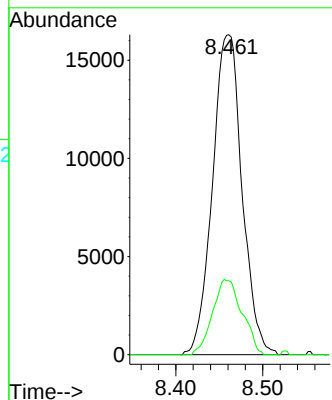
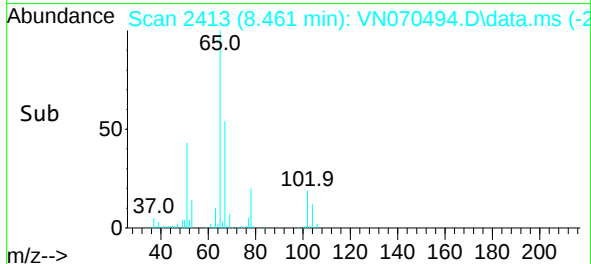
Instrument :
MSVOA_N
ClientSampleId :
31243



Tgt Ion: 78 Resp: 38520
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

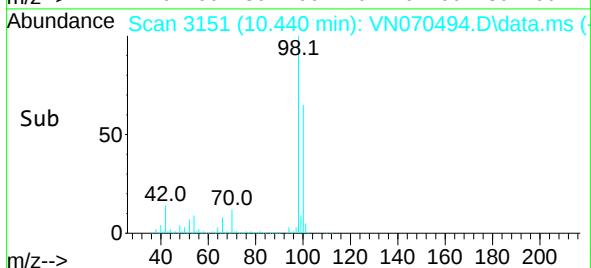
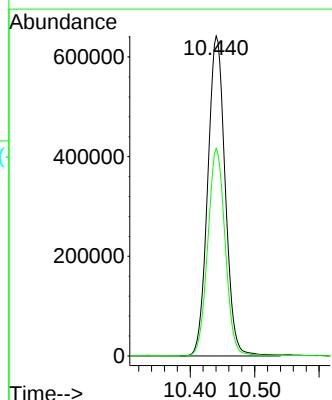
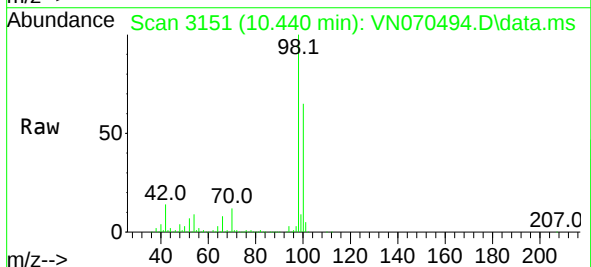
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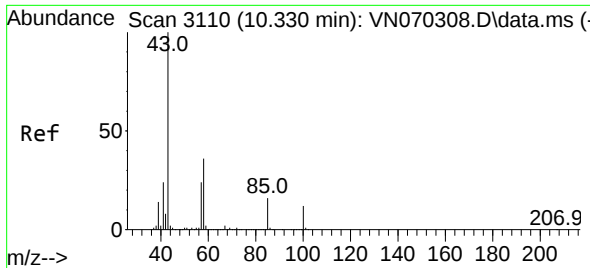
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#50
Toluene-d8
Concen: 41.382 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

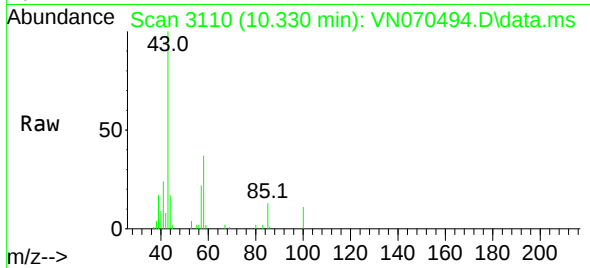
Tgt Ion: 98 Resp: 1208435
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 1.469 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

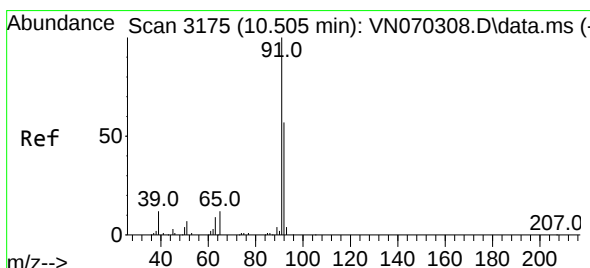
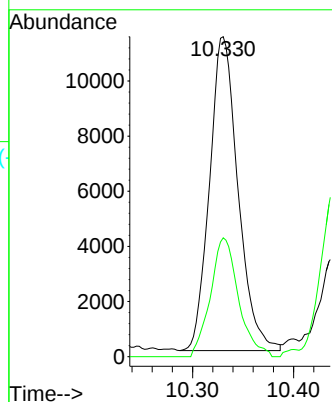
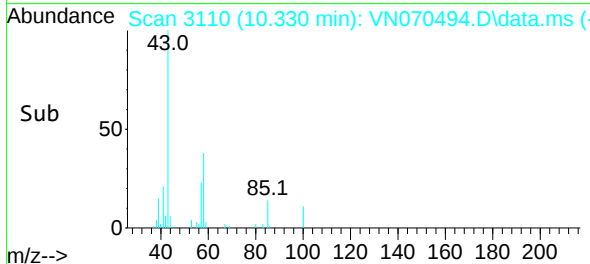
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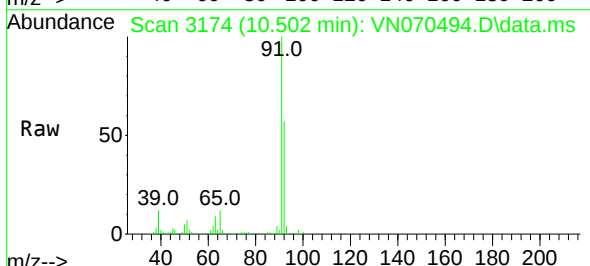
Tgt Ion: 43 Resp: 22310
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

Manual Integrations
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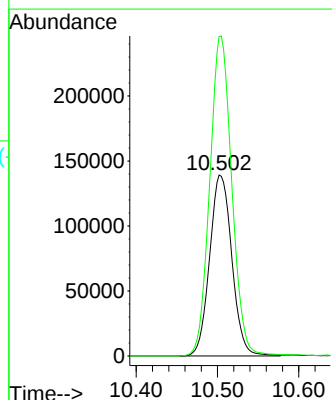
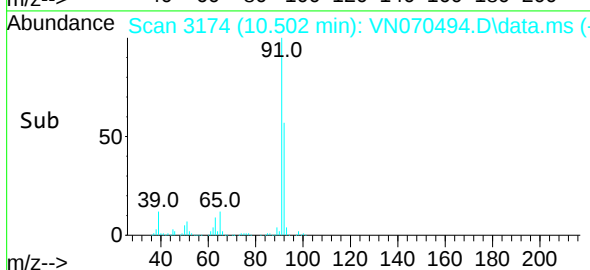
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

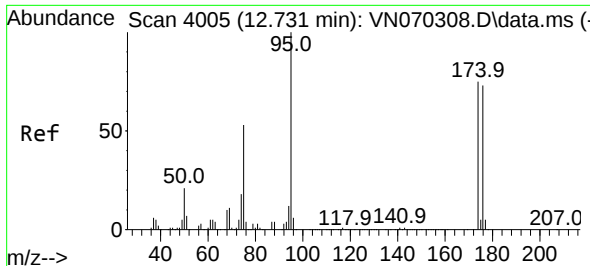


#52
Toluene
Concen: 12.051 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12



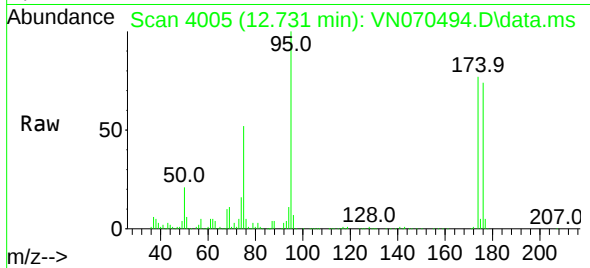
Tgt Ion: 92 Resp: 264447
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 33.764 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

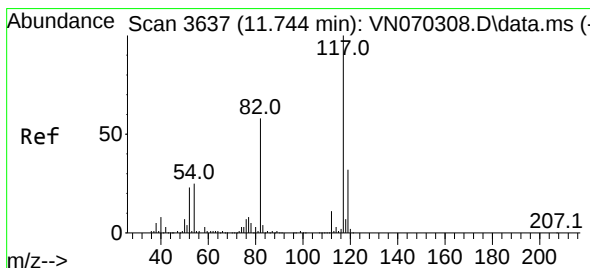
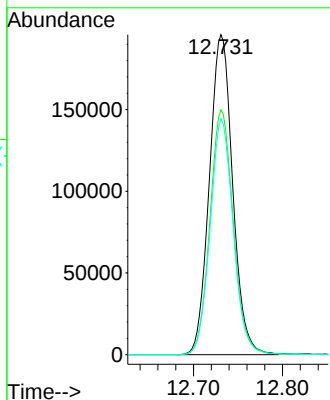
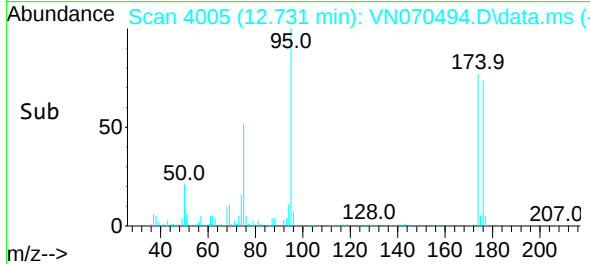
Instrument :
MSVOA_N
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31243



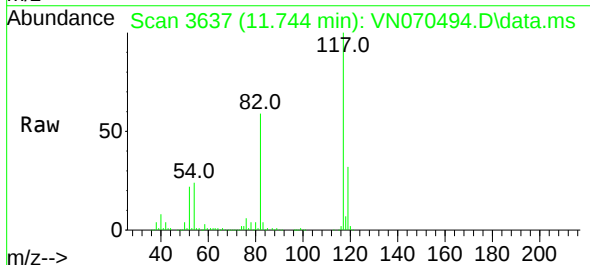
Tgt Ion: 95 Resp: 356108
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 73.0 0.0 181.4

Manual Integrations
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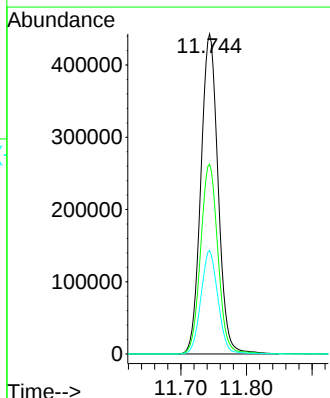
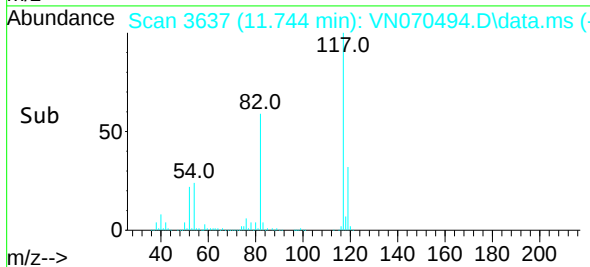
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

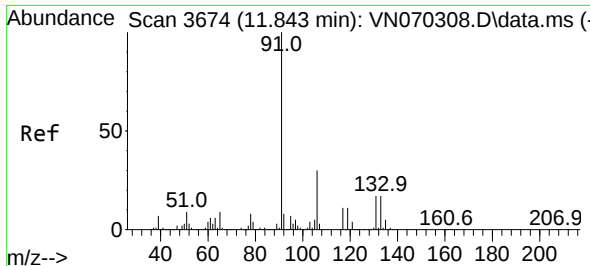


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12



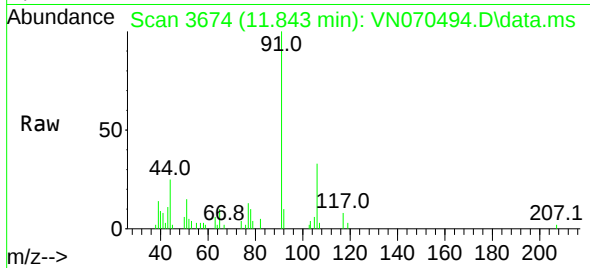
Tgt Ion:117 Resp: 807228
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.3 25.4 38.2





#67
Ethyl Benzene
Concen: 0.452 ug/l
RT: 11.843 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

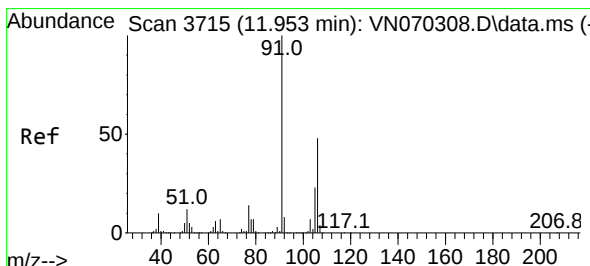
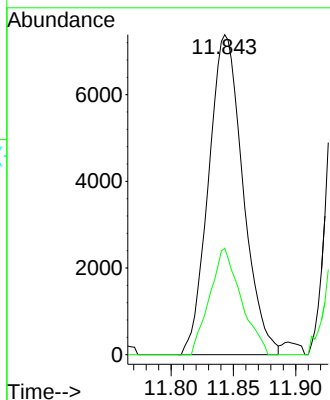
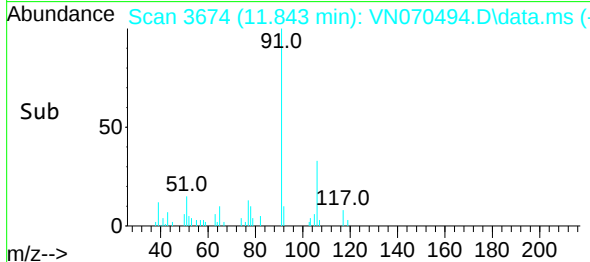
Instrument :
MSVOA_N
ClientSampleId :
31243



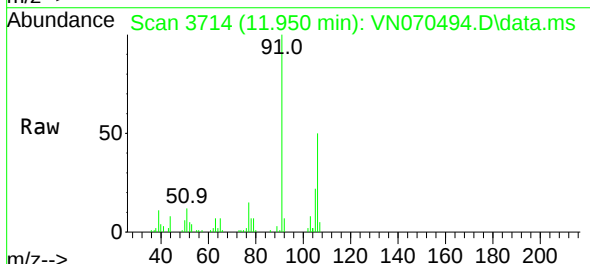
Tgt Ion: 91 Resp: 1417
Ion Ratio Lower Upper
91 100
106 33.2 25.7 38.5

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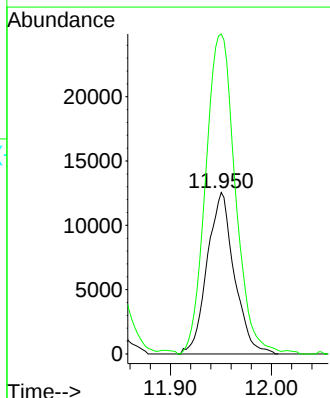
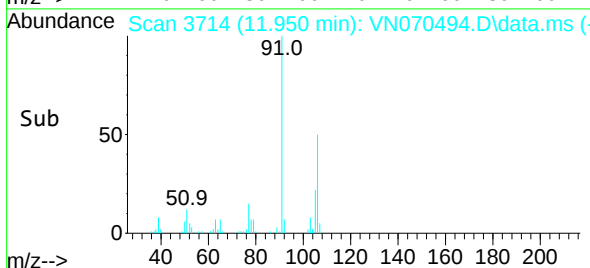
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

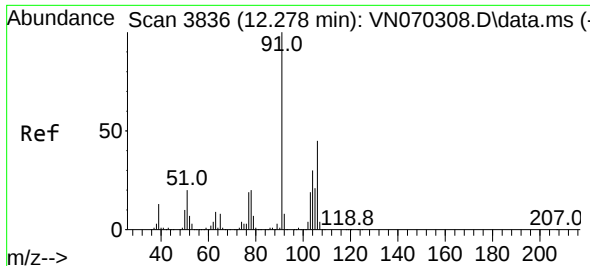


#68
m/p-Xylenes
Concen: 2.050 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12



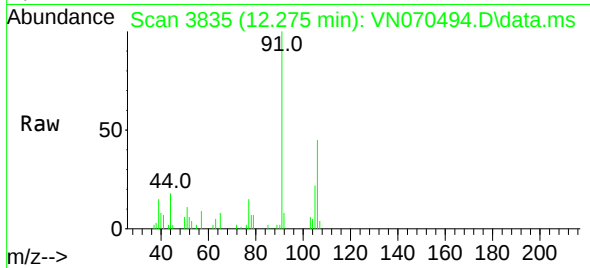
Tgt Ion:106 Resp: 23412
Ion Ratio Lower Upper
106 100
91 216.3 160.6 240.8





#69
o-Xylene
Concen: 0.759 ug/l
RT: 12.275 min Scan# 3836
Delta R.T. -0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

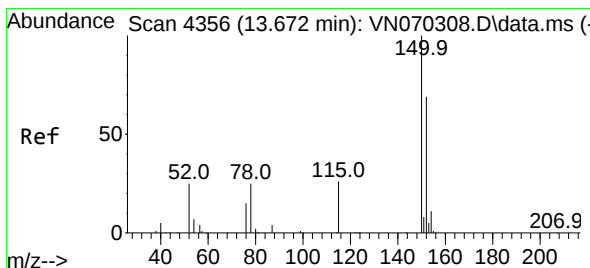
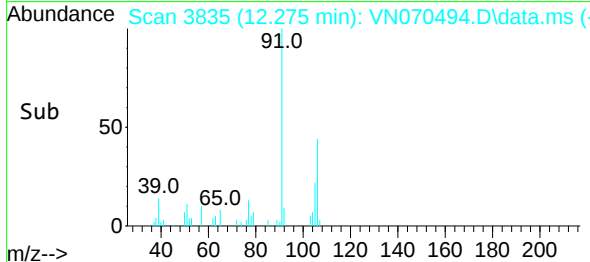
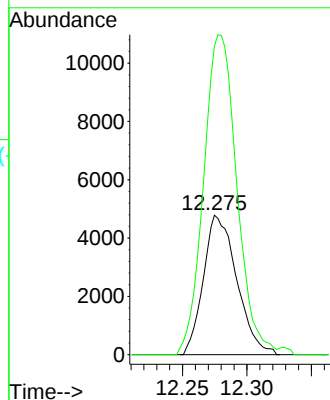
Instrument :
MSVOA_N
ClientSampleId :
31243



Tgt Ion:106 Resp: 8620
Ion Ratio Lower Upper
106 100
91 227.9 105.8 317.3

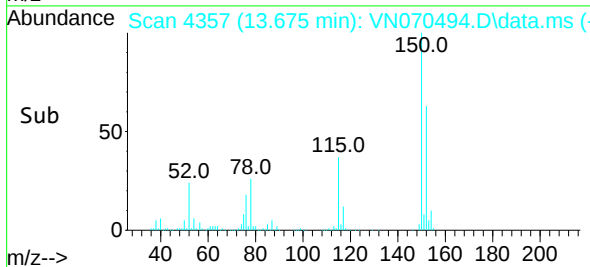
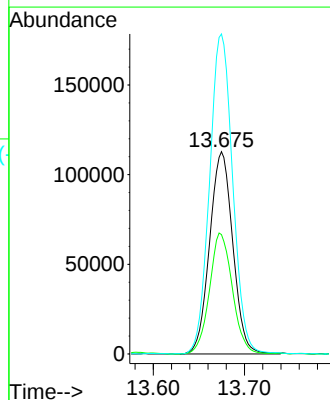
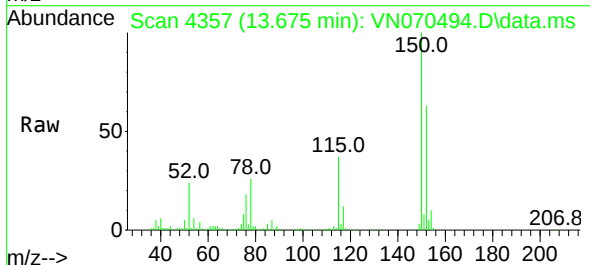
Manual Integrations
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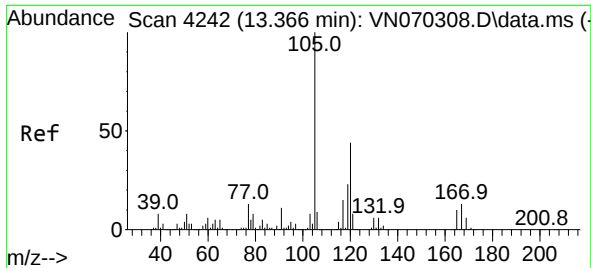
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070494.D
Acq: 5 Jan 2022 17:12

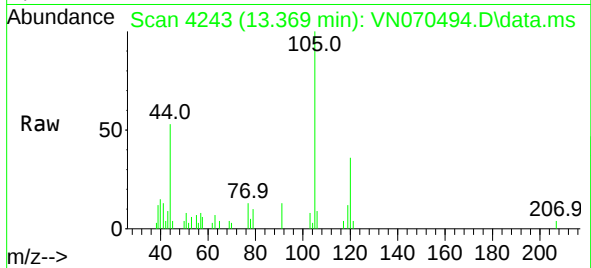
Tgt Ion:152 Resp: 199606
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 157.8 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 0.607 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070494.D
 Acq: 5 Jan 2022 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 31243



Tgt Ion:105 Resp: 868
 Ion Ratio Lower Upper
 105 100
 120 39.3 22.8 68.4

Manual Integrations
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Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022

