

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070496.D
 Acq On : 5 Jan 2022 18:03
 Operator : JC/MD
 Sample : N1012-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31245

Manual Integrations
 APPROVED

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

Quant Time: Jan 06 13:26:26 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	934979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1582273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1425117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	479155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	647093	48.135	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.280%		
35) Dibromofluoromethane	8.019	113	453357	47.355	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.720%		
50) Toluene-d8	10.440	98	1829328	46.775	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.731	95	662567	46.906	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.820%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.366	59	11031m	4.928	ug/l	
16) Acetone	4.291	43	415938	47.662	ug/l	100
20) Methylene Chloride	5.101	84	9792m	0.811	ug/l	
25) 2-Butanone	7.343	43	29828	2.715	ug/l	94
40) Benzene	8.458	78	58541	1.206	ug/l	96
52) Toluene	10.505	92	61966	2.108	ug/l	95
68) m/p-Xylenes	11.950	106	10919	0.541	ug/l	91
69) o-Xylene	12.283	106	5015	0.250	ug/l	82

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

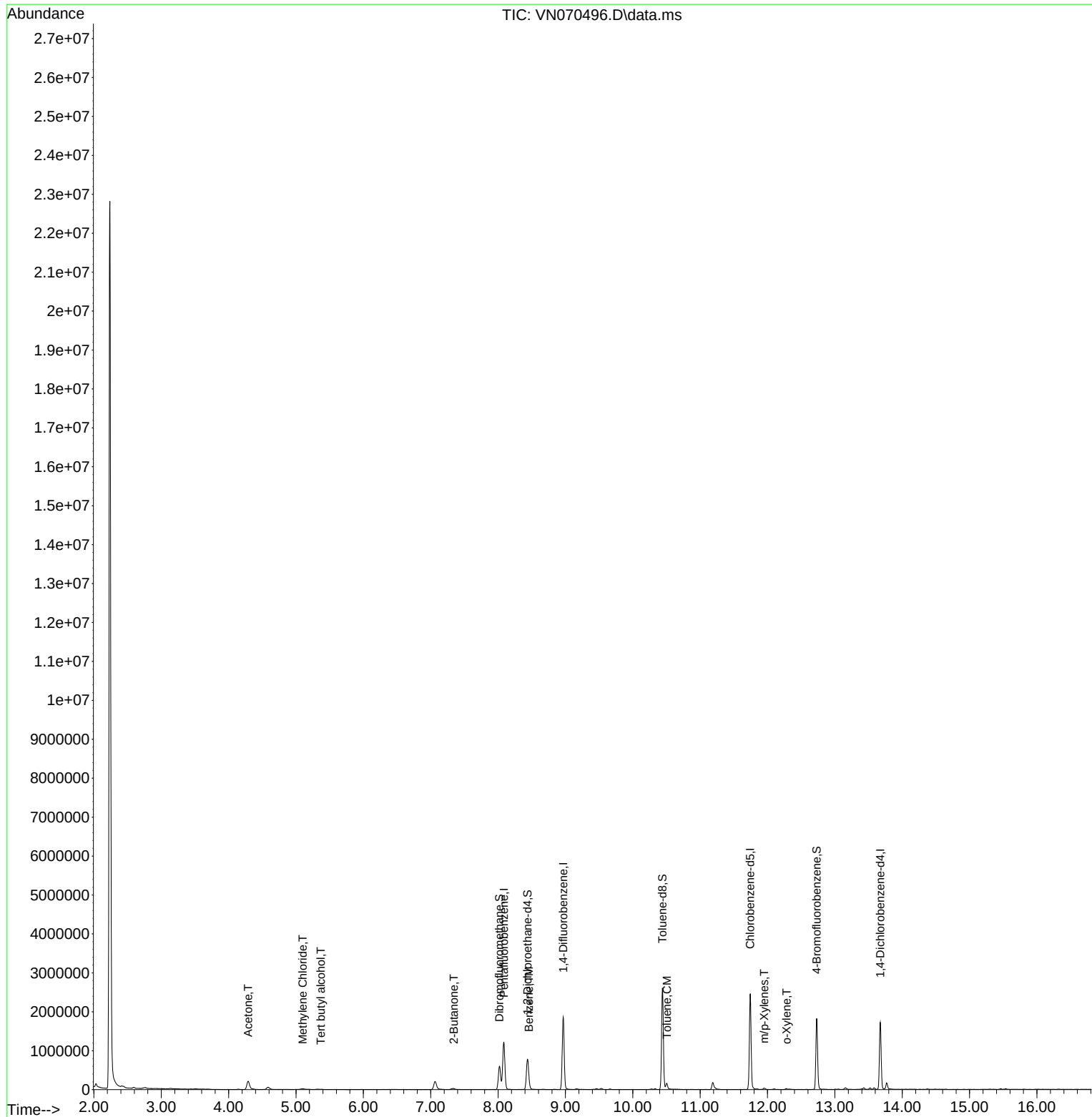
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
Data File : VN070496.D
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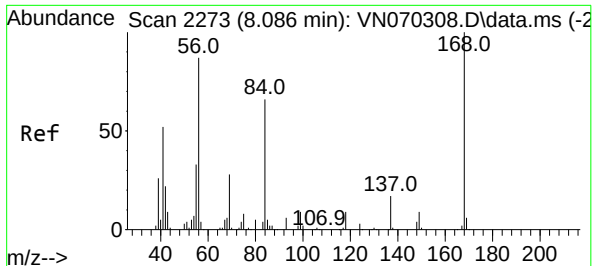
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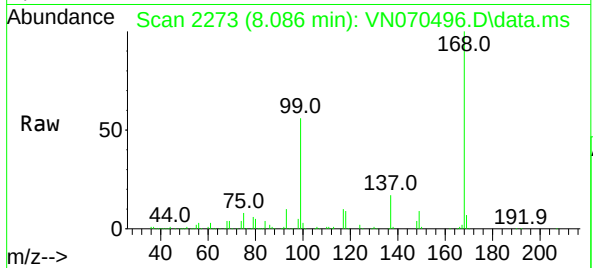
Quant Time: Jan 06 13:26:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

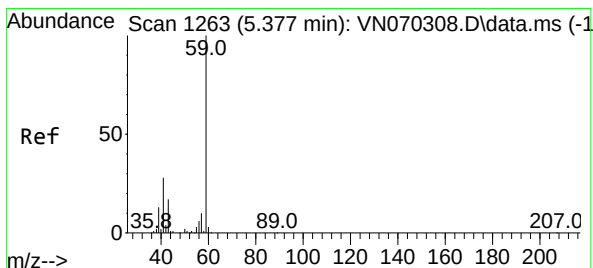
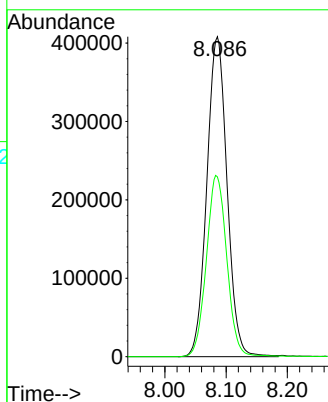
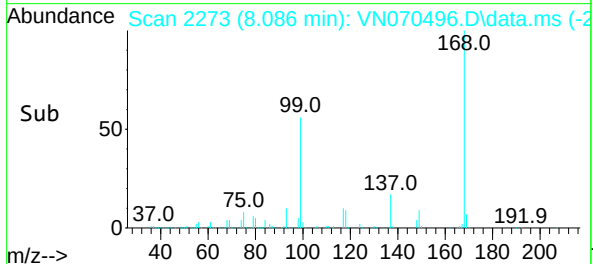
Instrument :
MSVOA_N
ClientSampleId :
31245



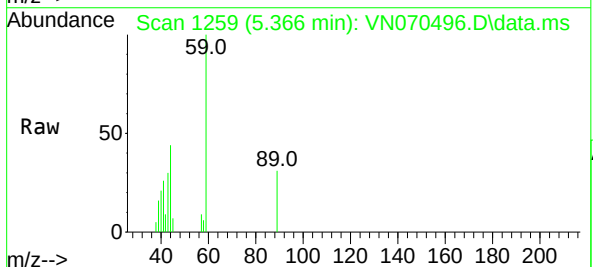
Tgt Ion:168 Resp: 934979
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9

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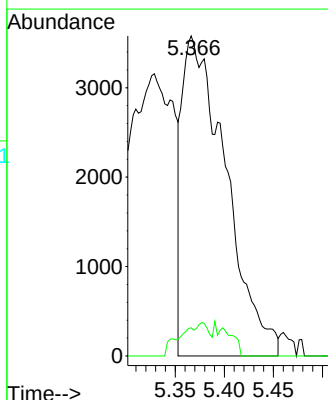
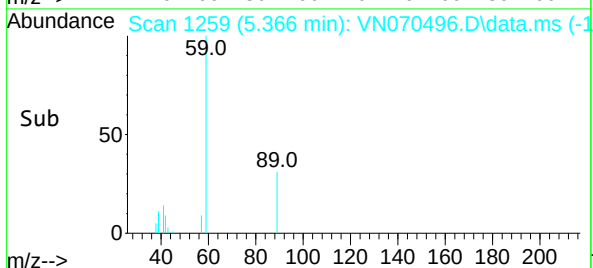
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022

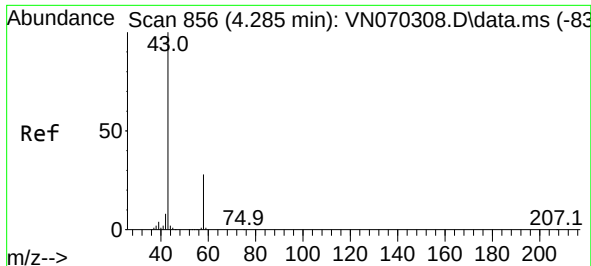


#11
Tert butyl alcohol
Concen: 4.928 ug/l m
RT: 5.366 min Scan# 1259
Delta R.T. -0.011 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03



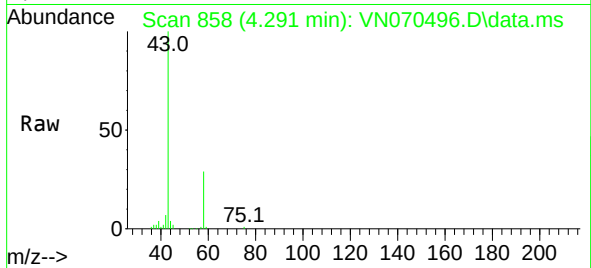
Tgt Ion: 59 Resp: 11031
Ion Ratio Lower Upper
59 100
57 3.7 8.7 13.1#





#16
Acetone
Concen: 47.662 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

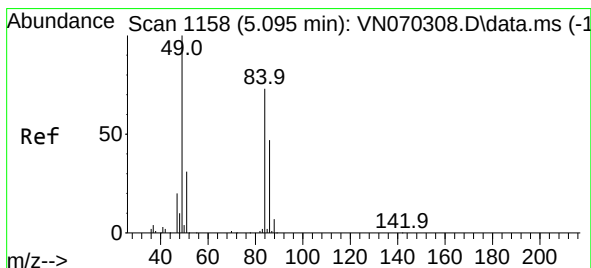
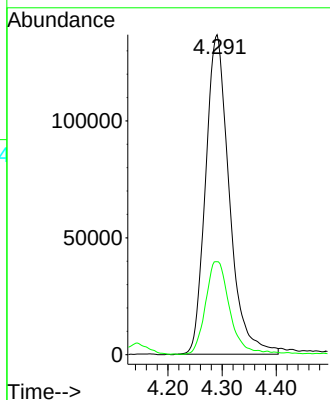
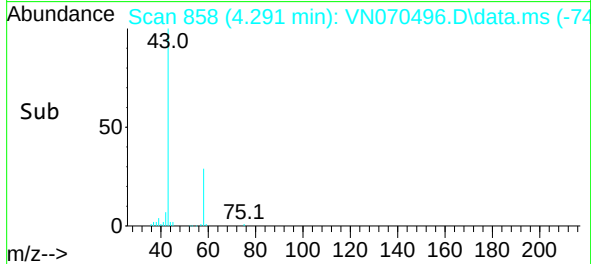
Instrument :
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ClientSampleId :
31245



Tgt Ion: 43 Resp: 415938
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7

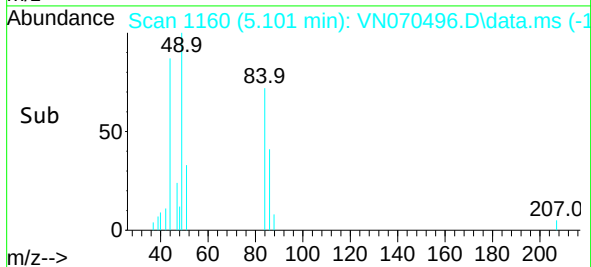
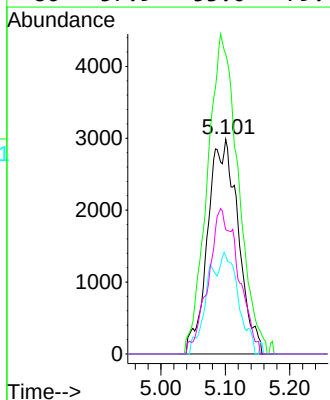
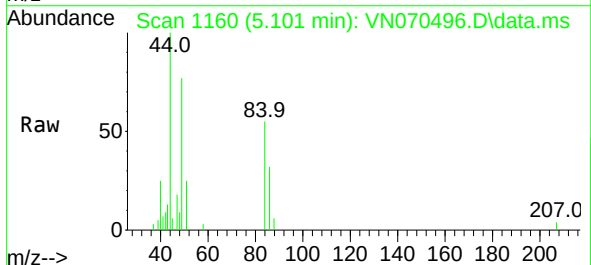
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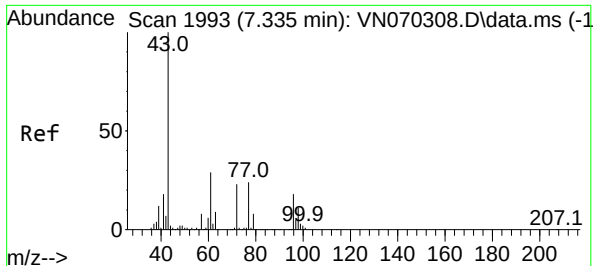
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#20
Methylene Chloride
Concen: 0.811 ug/l m
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

Tgt Ion: 84 Resp: 9792
Ion Ratio Lower Upper
84 100
49 139.5 93.5 140.3
51 45.8 29.4 44.2#
86 57.9 53.0 79.4





#25

2-Butanone

Concen: 2.715 ug/l

RT: 7.343 min Scan# 1993

Delta R.T. 0.008 min

Lab File: VN070496.D

Acq: 5 Jan 2022 18:03

Instrument :

MSVOA_N

ClientSampleId :

31245

Tgt Ion: 43 Resp: 29828

Ion Ratio Lower Upper

43 100

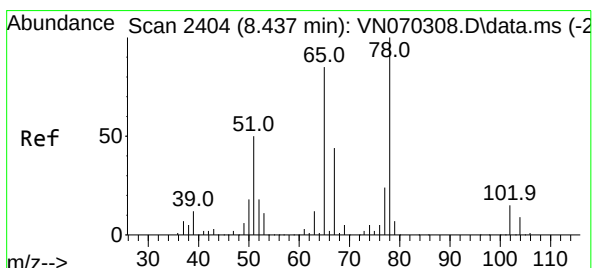
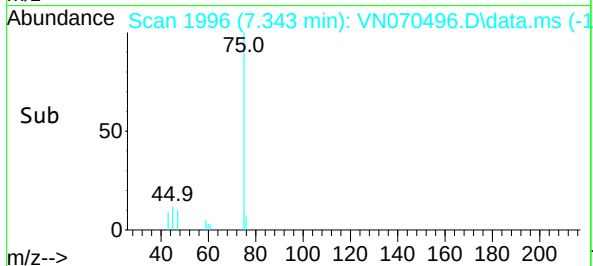
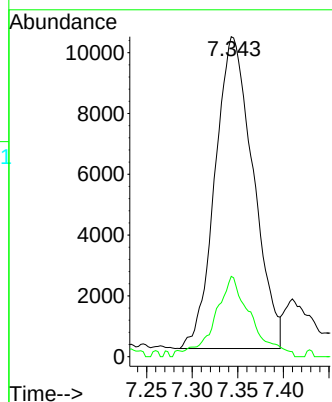
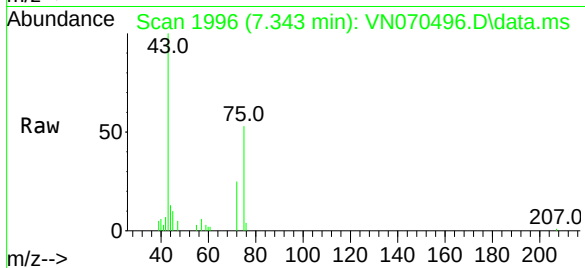
72 23.9 21.7 32.5

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 48.135 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070496.D

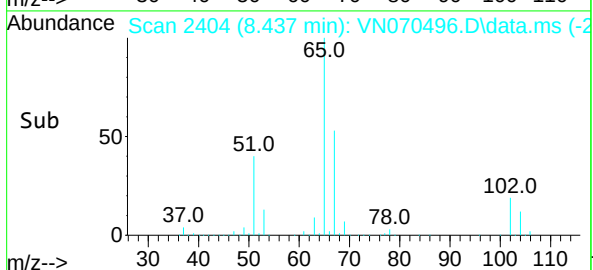
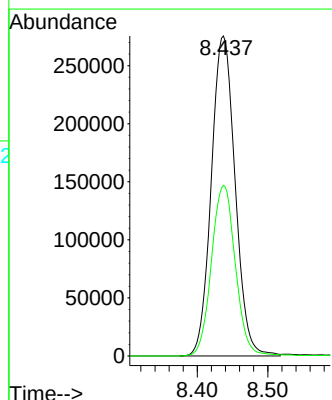
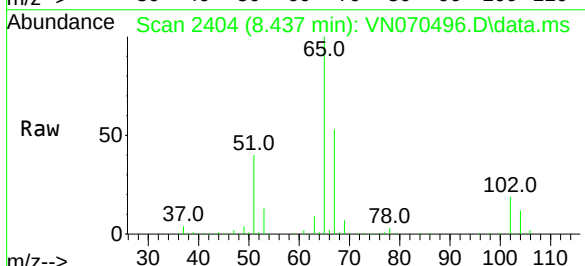
Acq: 5 Jan 2022 18:03

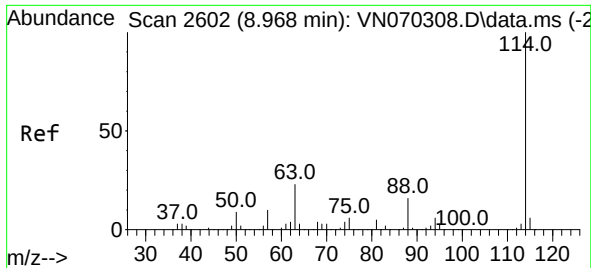
Tgt Ion: 65 Resp: 647093

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0





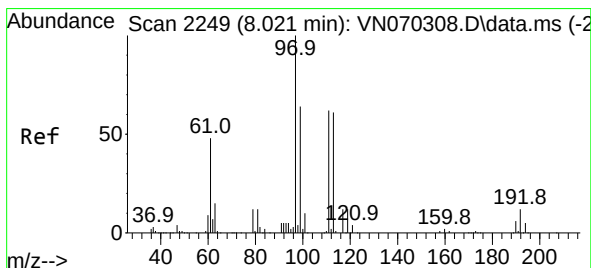
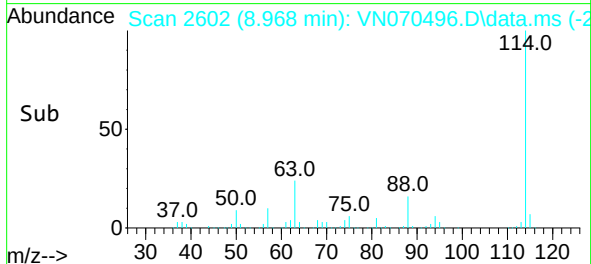
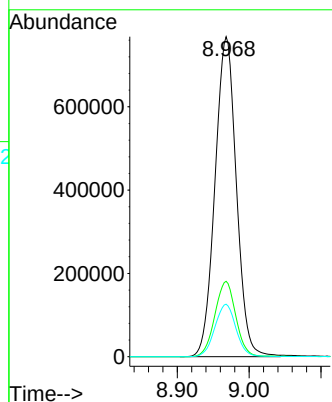
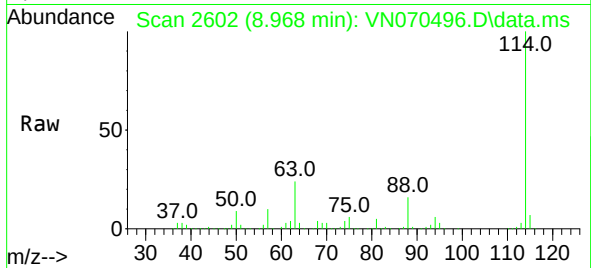
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

Instrument :
MSVOA_N
ClientSampleId :
31245

Tgt Ion:114 Resp: 158227
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.4 0.0 27.4

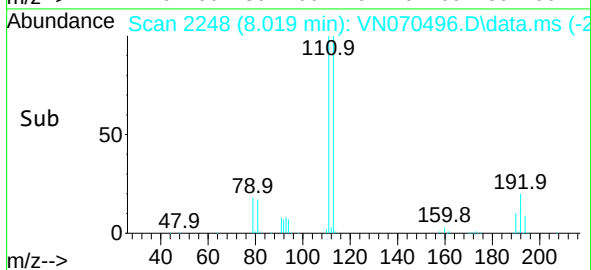
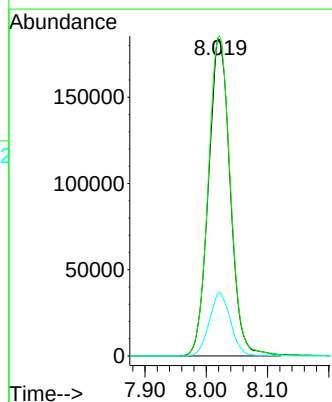
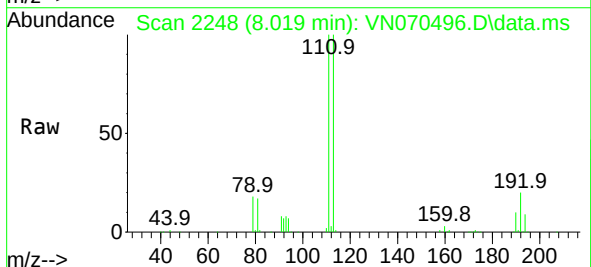
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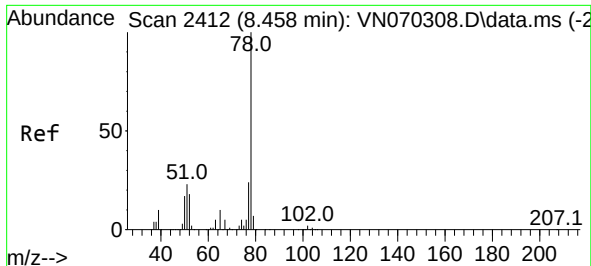
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#35
Dibromofluoromethane
Concen: 47.355 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

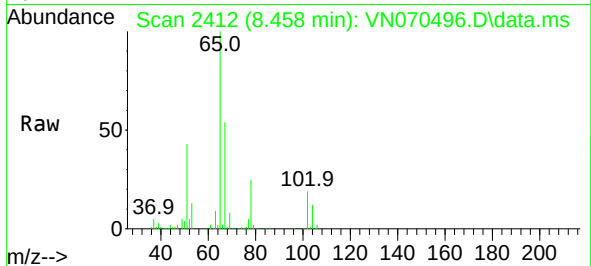
Tgt Ion:113 Resp: 453357
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.5 16.9 25.3





#40
Benzene
Concen: 1.206 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

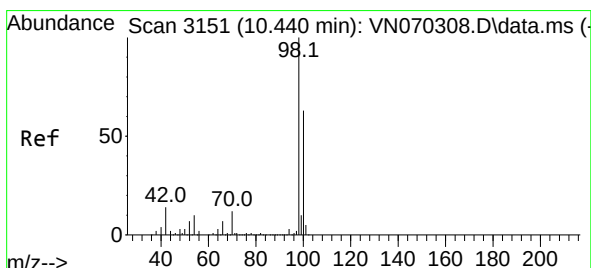
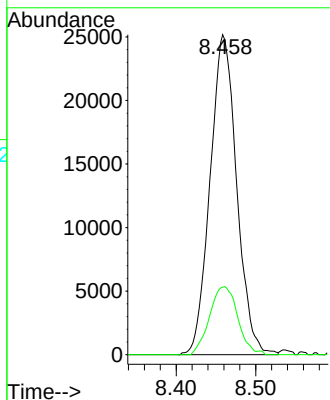
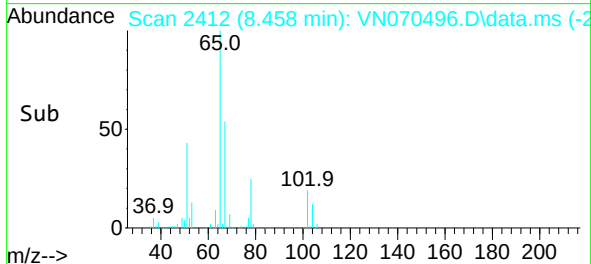
Instrument :
MSVOA_N
ClientSampleId :
31245



Tgt Ion: 78 Resp: 5854
Ion Ratio Lower Upper
78 100
77 21.1 18.6 27.8

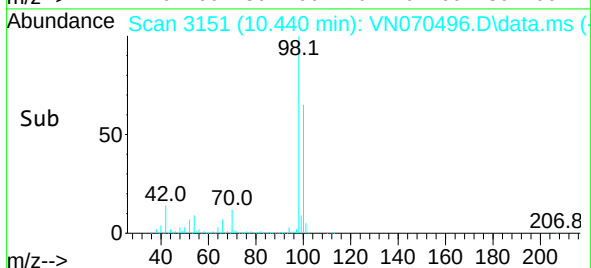
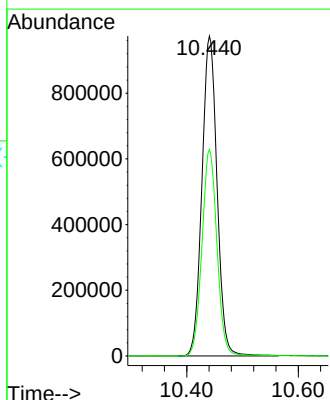
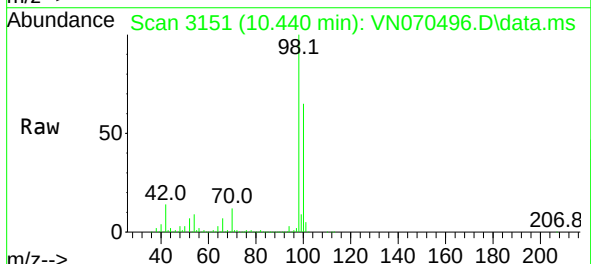
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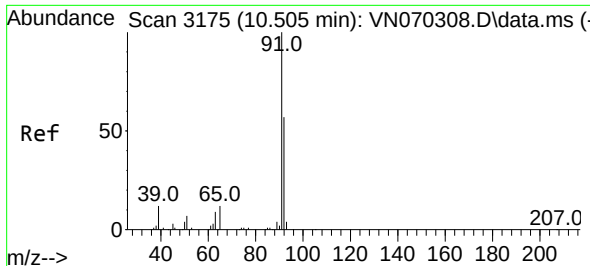
Reviewed By :John Carlone 01/11/2022
Supervised By :Mahesh Dadoda 01/11/2022



#50
Toluene-d8
Concen: 46.775 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

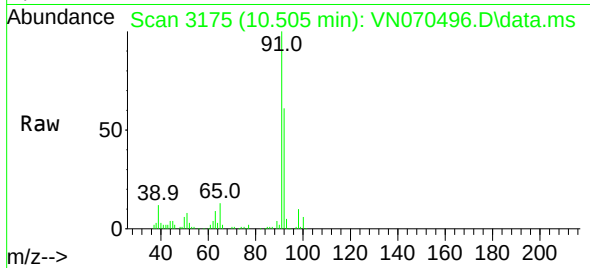
Tgt Ion: 98 Resp: 1829328
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#52
Toluene
Concen: 2.108 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

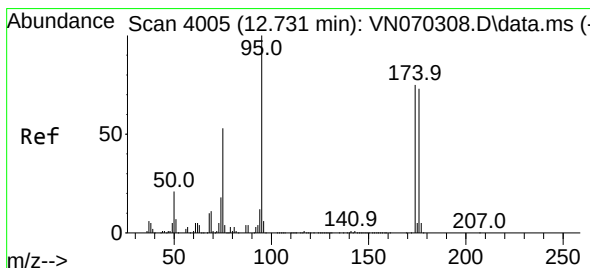
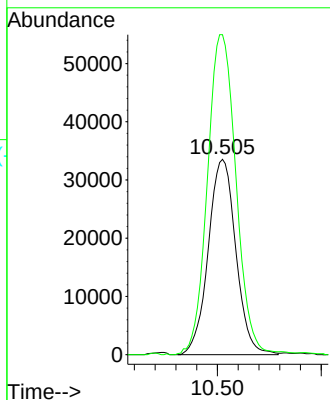
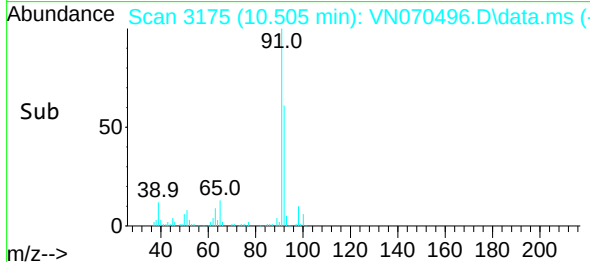
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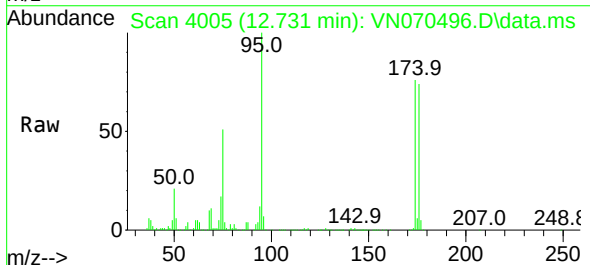
Tgt Ion: 92 Resp: 61960
Ion Ratio Lower Upper
92 100
91 170.3 142.0 213.0

Manual Integrations
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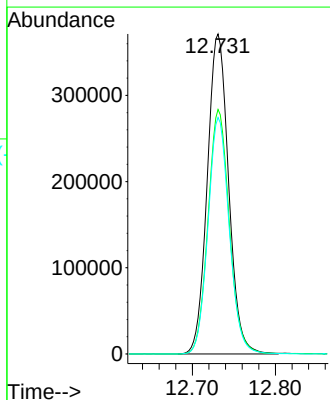
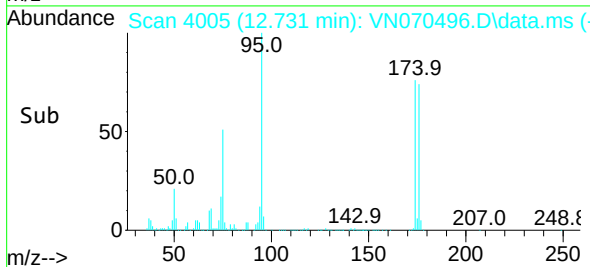
Reviewed By :John Carlone 01/11/2022
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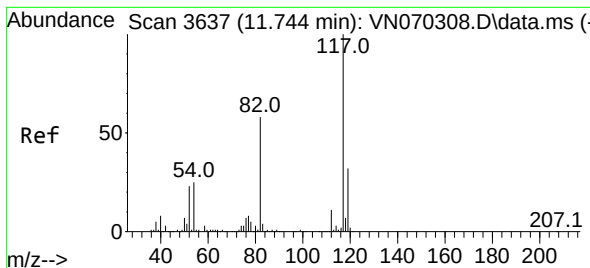


#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03



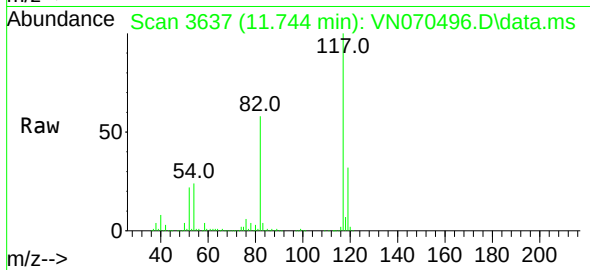
Tgt Ion: 95 Resp: 662567
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

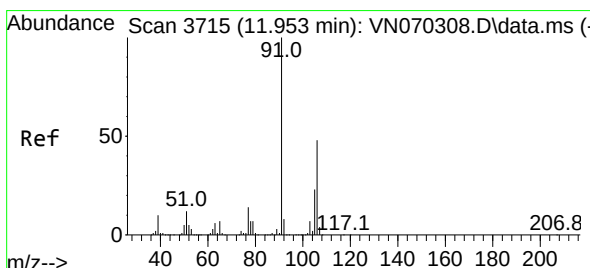
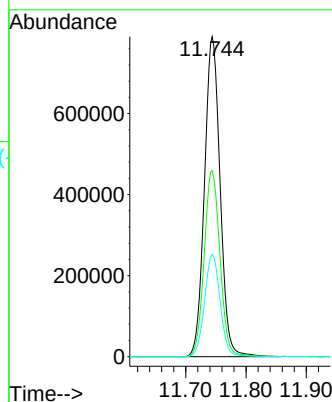
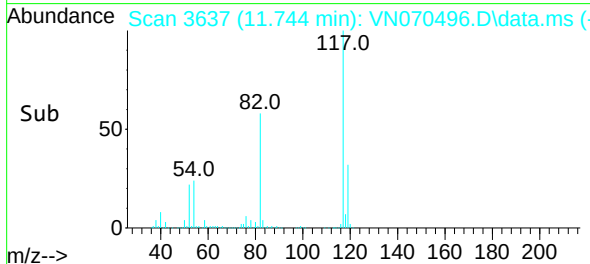
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31245



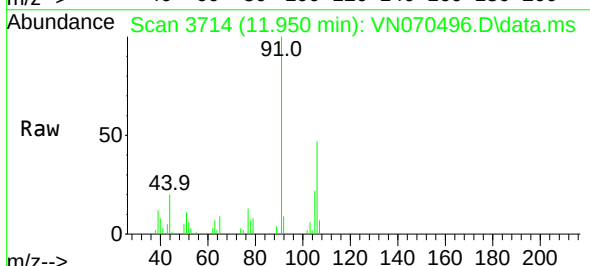
Tgt Ion:117 Resp: 142511
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
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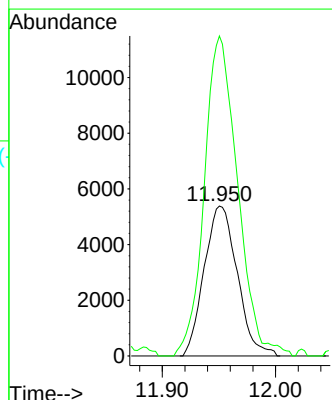
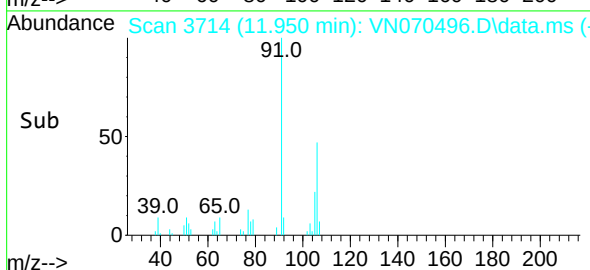
Reviewed By :John Carlone 01/11/2022
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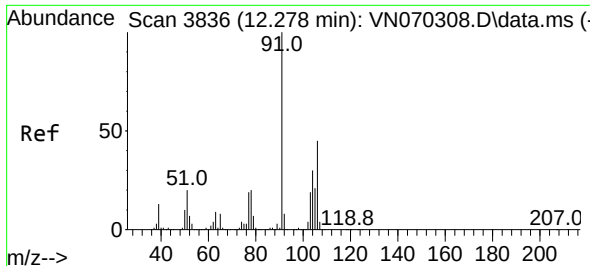


#68
m/p-Xylenes
Concen: 0.541 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03



Tgt Ion:106 Resp: 10919
Ion Ratio Lower Upper
106 100
91 214.8 160.6 240.8





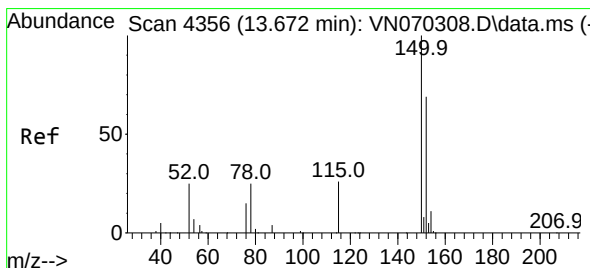
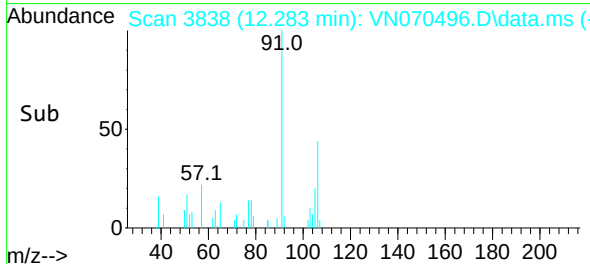
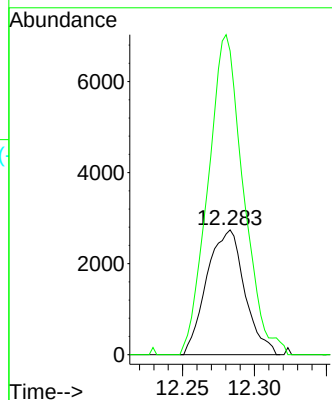
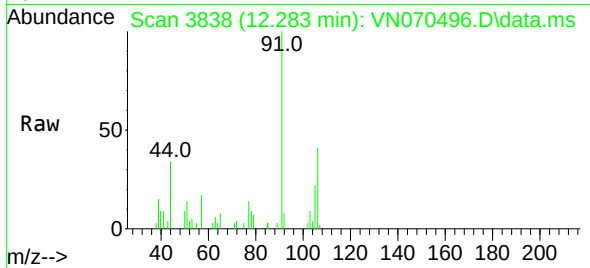
#69
o-Xylene
Concen: 0.250 ug/l
RT: 12.283 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070496.D
Acq: 5 Jan 2022 18:03

Instrument :
MSVOA_N
ClientSampleId :
31245

Tgt Ion:106 Resp: 501
Ion Ratio Lower Upper
106 100
91 239.4 105.8 317.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2022
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: VN070496.D
Acq: 5 Jan 2022 18:03

Tgt Ion:152 Resp: 479155
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 159.3 0.0 344.4

