

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070585.D
 Acq On : 12 Jan 2022 14:45
 Operator : JC/MD
 Sample : N1102-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31295

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 04:26:35 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	890230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1500178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1328043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	474047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	630067	49.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.440%		
35) Dibromofluoromethane	8.021	113	443280	48.836	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.680%		
50) Toluene-d8	10.440	98	1782799	48.080	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.731	95	659217	49.223	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.440%		
Target Compounds					Qvalue	
16) Acetone	4.296	43	32429	3.903	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	27067	0.804	ug/l #	80
22) Diisopropyl ether	6.493	45	11651	0.291	ug/l #	86
39) Methylcyclohexane	9.453	83	3867	0.213	ug/l	92
40) Benzene	8.458	78	279148	6.064	ug/l	99
52) Toluene	10.505	92	734613	26.364	ug/l	98
67) Ethyl Benzene	11.843	91	233802	4.529	ug/l	96
68) m/p-Xylenes	11.950	106	201701	10.733	ug/l	93
69) o-Xylene	12.278	106	271468	14.523	ug/l	92
73) Isopropylbenzene	12.575	105	17564	0.399	ug/l	96
78) n-propylbenzene	12.921	91	44101	0.904	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	116394	3.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.366	105	102723	3.024	ug/l	100
95) Naphthalene	15.507	128	42897	3.712	ug/l	99

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

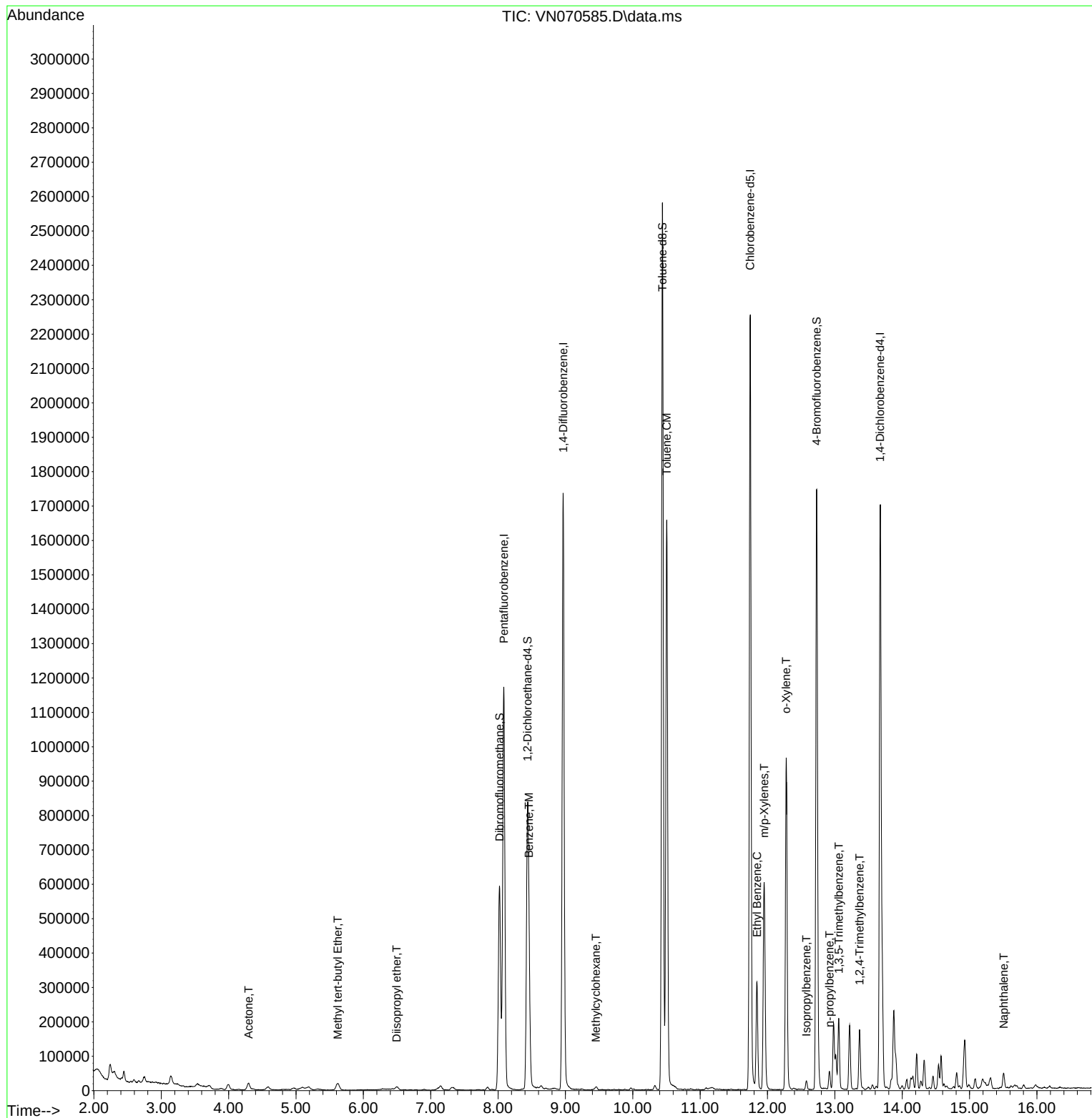
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070585.D
Acq On : 12 Jan 2022 14:45
Operator : JC/MD
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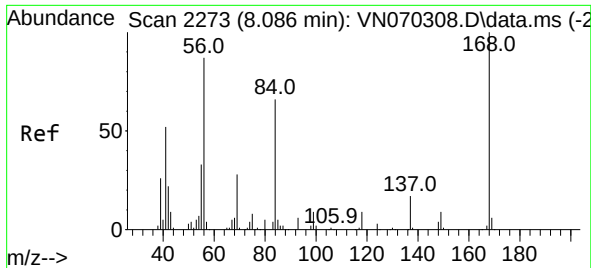
Instrument :
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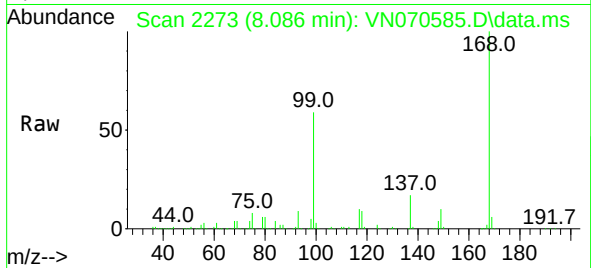
Quant Time: Jan 13 04:26:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

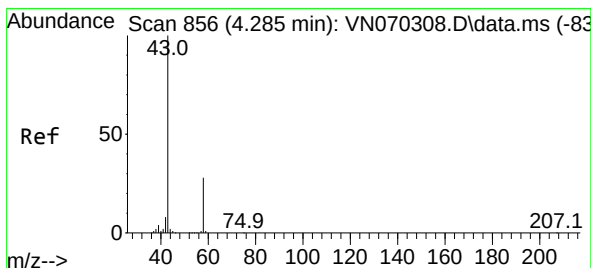
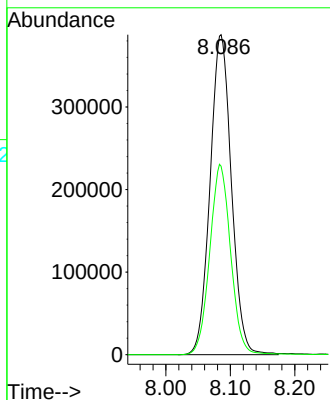
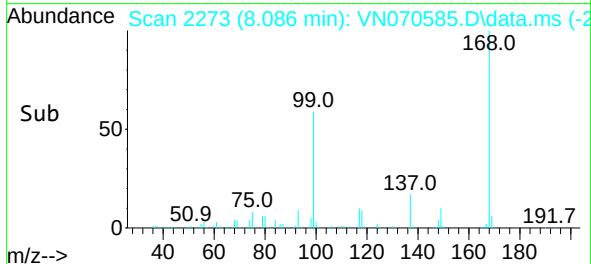
Instrument :
MSVOA_N
ClientSampleId :
31295



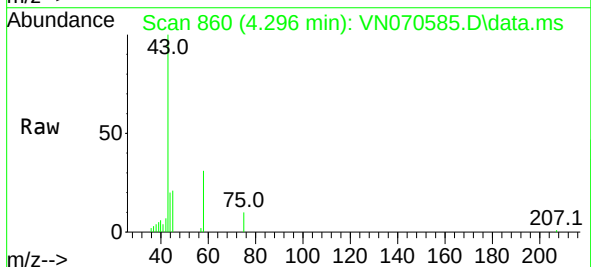
Tgt Ion:168 Resp: 890230
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9

Manual Integrations
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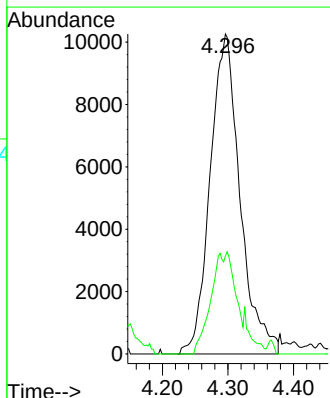
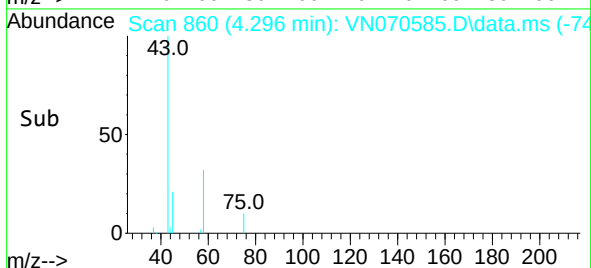
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

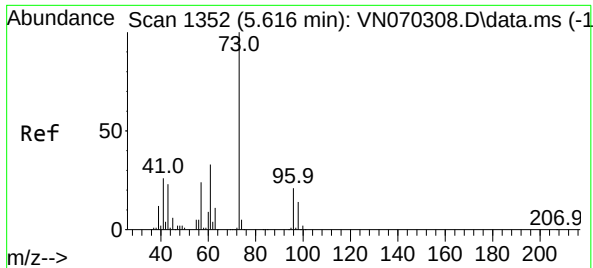


#16
Acetone
Concen: 3.903 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45



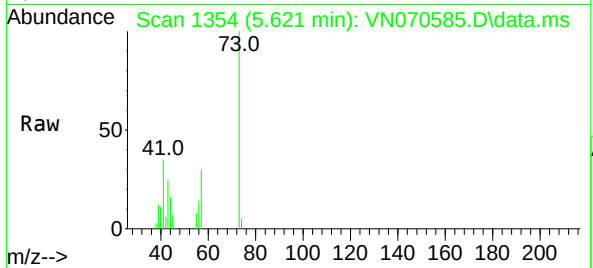
Tgt Ion: 43 Resp: 32429
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#19
Methyl tert-butyl Ether
Concen: 0.804 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

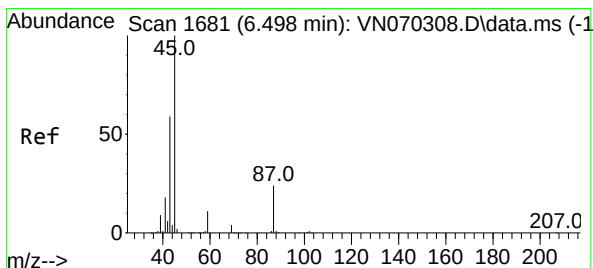
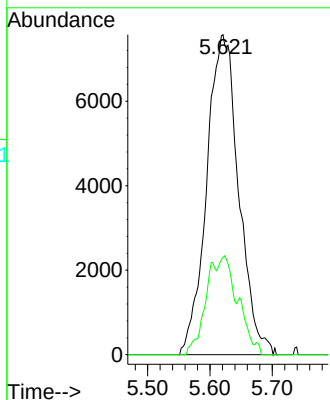
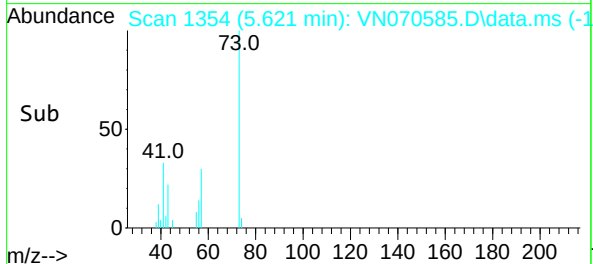
Instrument :
MSVOA_N
ClientSampleId :
31295



Tgt Ion: 73 Resp: 2706
Ion Ratio Lower Upper
73 100
57 30.4 16.8 25.2

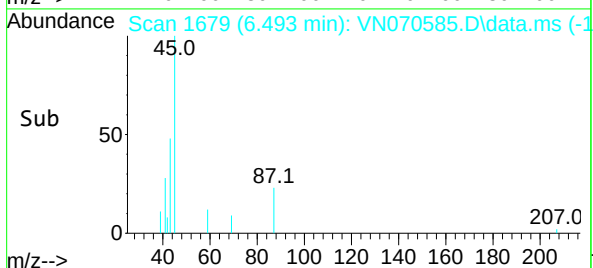
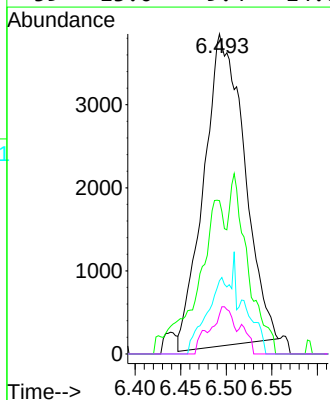
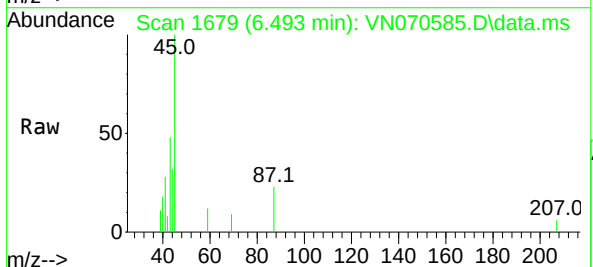
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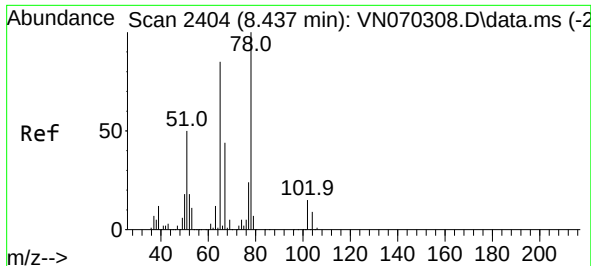
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#22
Diisopropyl ether
Concen: 0.291 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

Tgt Ion: 45 Resp: 11651
Ion Ratio Lower Upper
45 100
43 50.3 51.7 77.5#
87 24.0 23.2 34.8
59 13.0 9.4 14.0





#33

1,2-Dichloroethane-d4

Concen: 49.225 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070585.D

Acq: 12 Jan 2022 14:45

Instrument :

MSVOA_N

ClientSampleId :

31295

Tgt Ion: 65 Resp: 63006

Ion Ratio Lower Upper

65 100

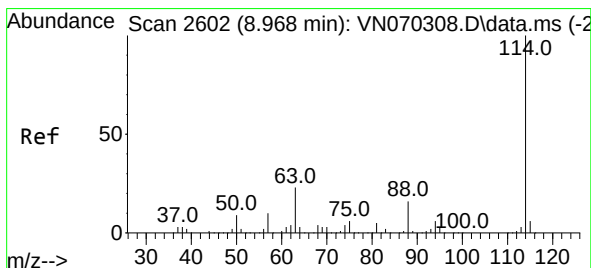
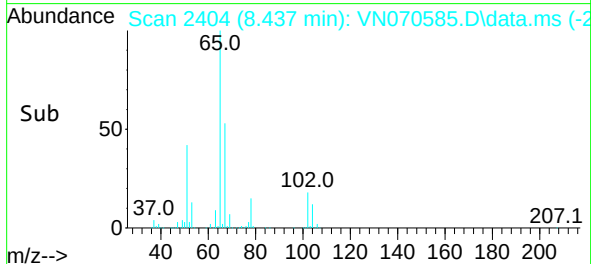
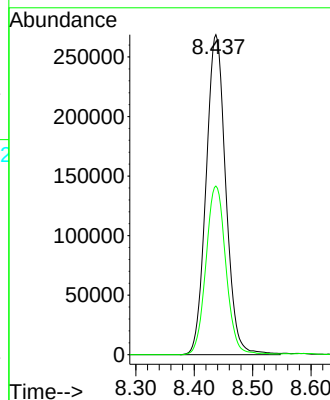
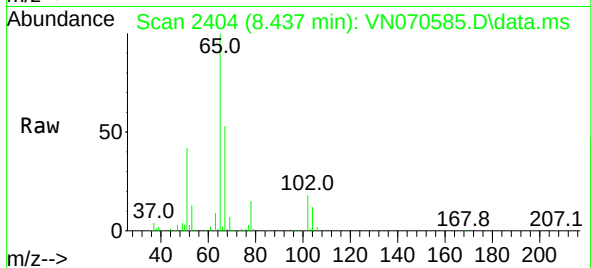
67 53.1 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 01/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070585.D

Acq: 12 Jan 2022 14:45

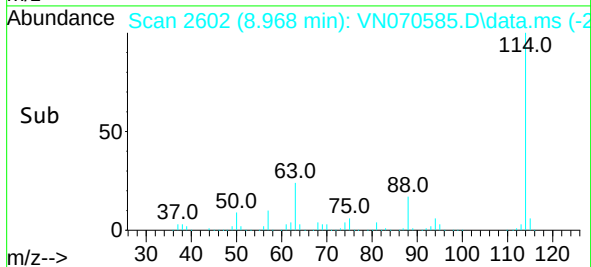
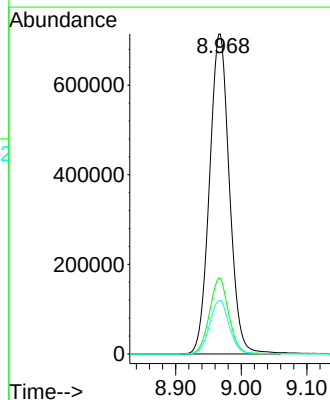
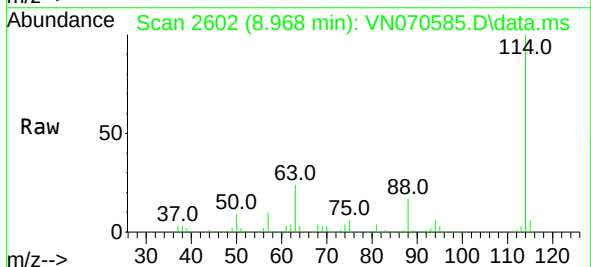
Tgt Ion:114 Resp: 1500178

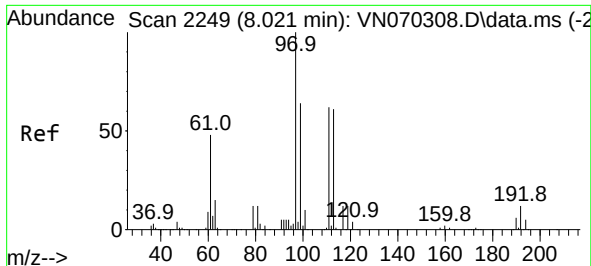
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

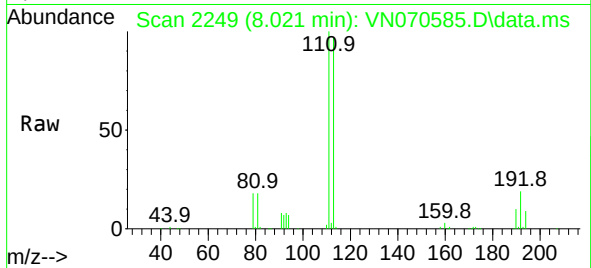
88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.836 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

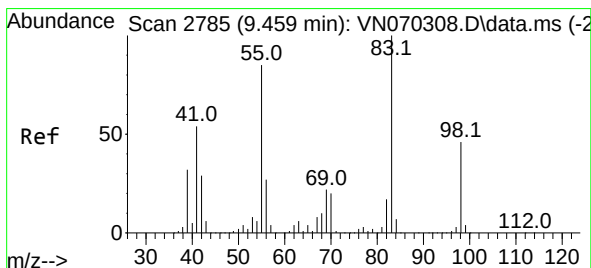
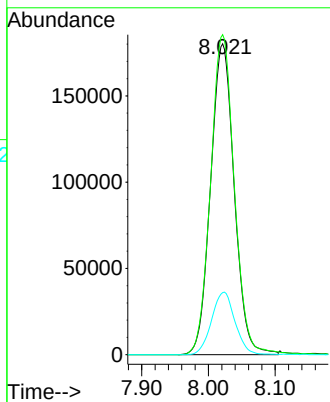
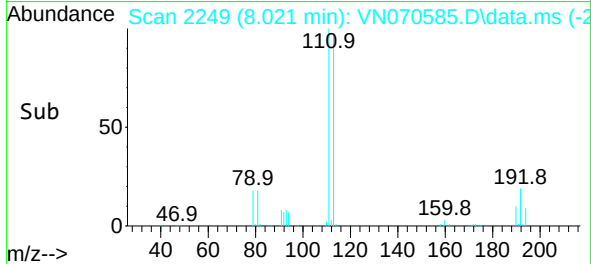
Instrument :
MSVOA_N
ClientSampleId :
31295



Tgt Ion:113 Resp: 443280
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.0 16.9 25.3

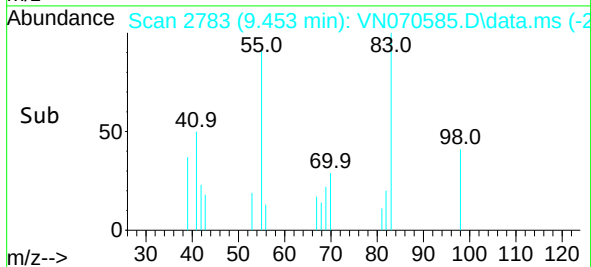
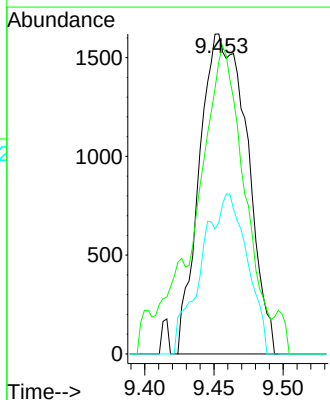
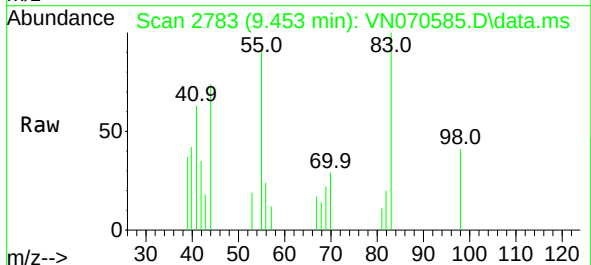
Manual Integrations
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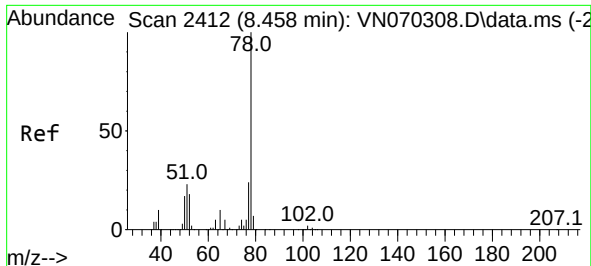
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#39
Methylcyclohexane
Concen: 0.213 ug/l
RT: 9.453 min Scan# 2783
Delta R.T. -0.006 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

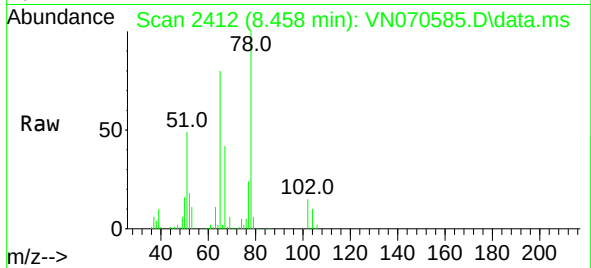
Tgt Ion: 83 Resp: 3867
Ion Ratio Lower Upper
83 100
55 77.8 58.1 87.1
98 41.0 38.4 57.6





#40
Benzene
Concen: 6.064 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

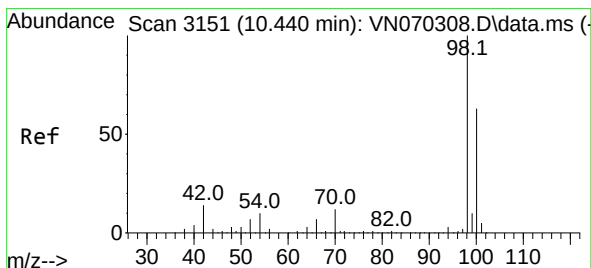
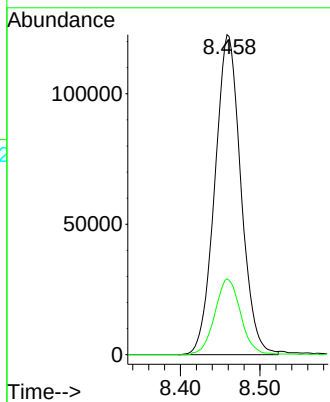
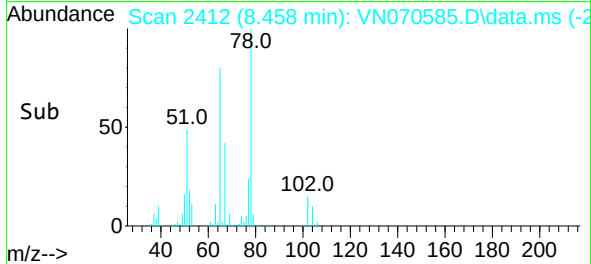
Instrument :
MSVOA_N
ClientSampleId :
31295



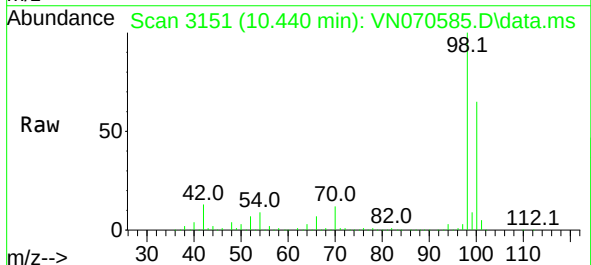
Tgt Ion: 78 Resp: 279148
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

Manual Integrations
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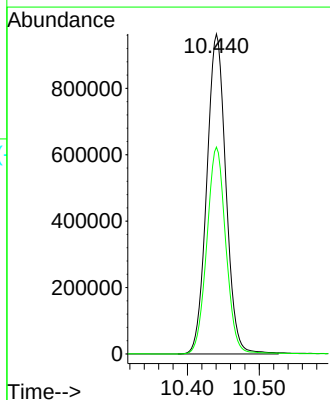
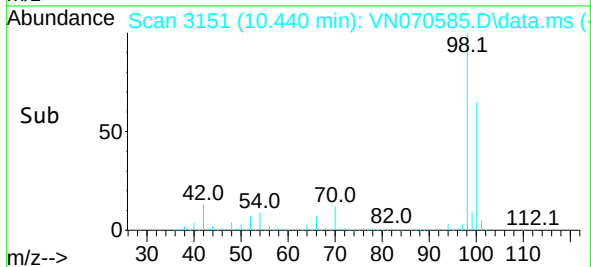
Reviewed By :John Carlone 01/13/2022
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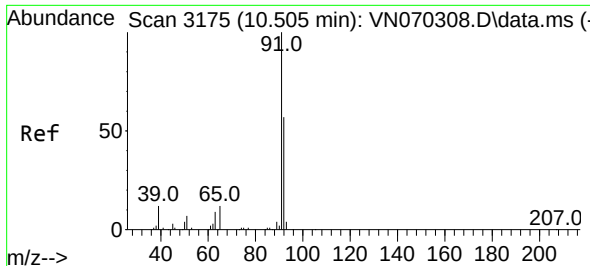


#50
Toluene-d8
Concen: 48.080 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45



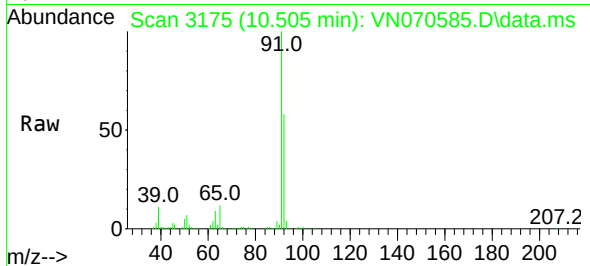
Tgt Ion: 98 Resp: 1782799
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





#52
Toluene
Concen: 26.364 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

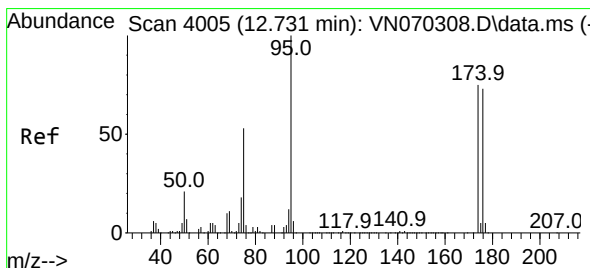
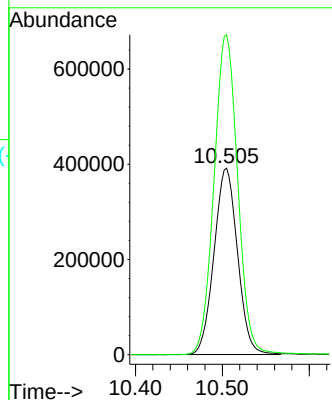
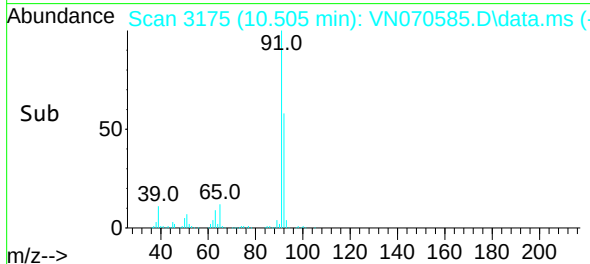
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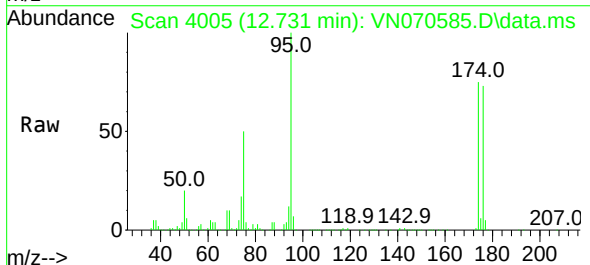
Tgt Ion: 92 Resp: 734611
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0

Manual Integrations
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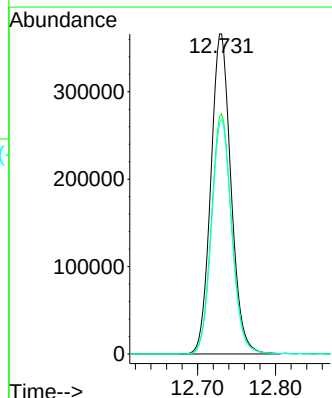
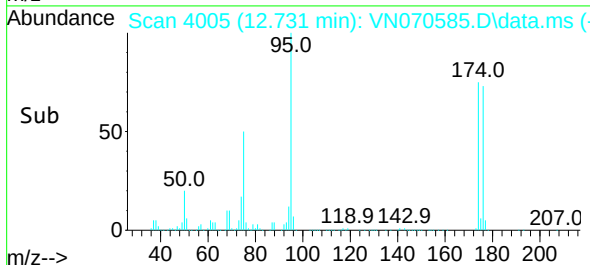
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

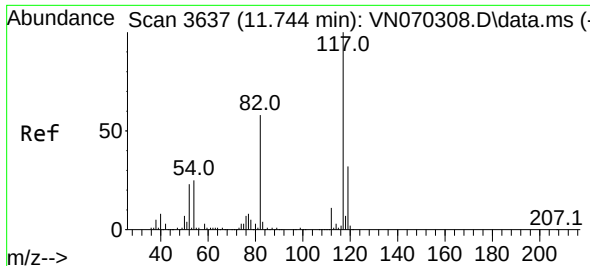


#62
4-Bromofluorobenzene
Concen: 49.223 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45



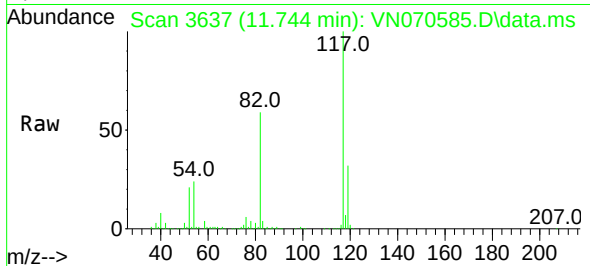
Tgt Ion: 95 Resp: 659217
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

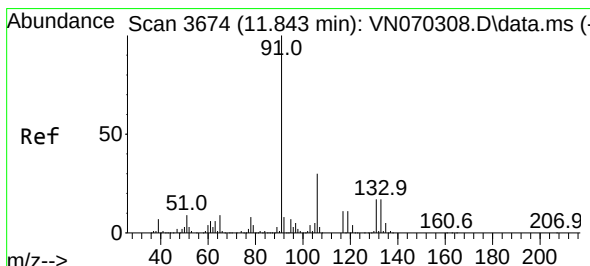
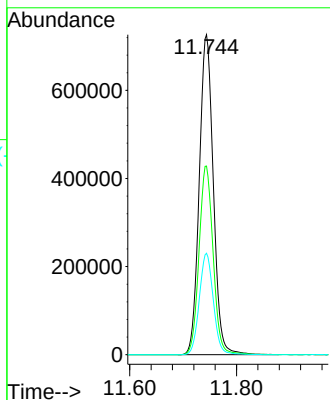
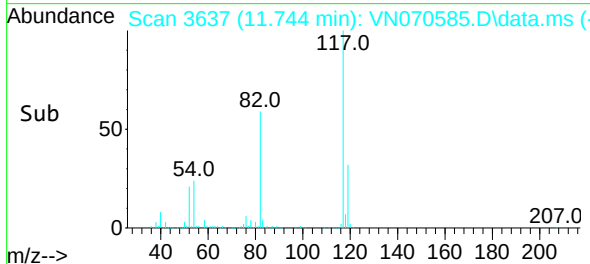
Instrument :
MSVOA_N
ClientSampleId :
31295



Tgt Ion: 117 Resp: 132804
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.7 25.4 38.2

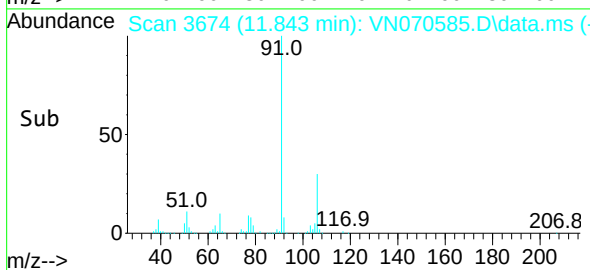
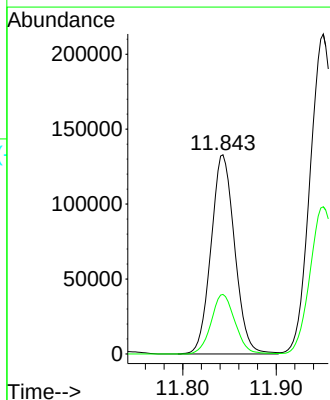
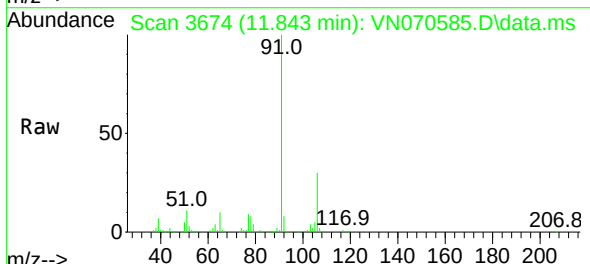
Manual Integrations
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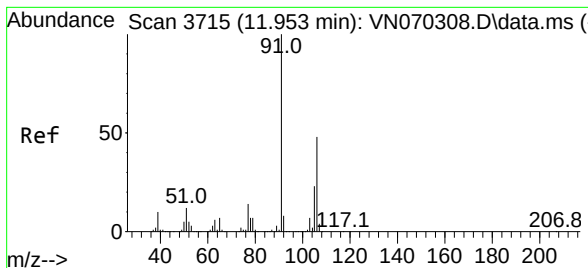
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#67
Ethyl Benzene
Concen: 4.529 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

Tgt Ion: 91 Resp: 233802
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5





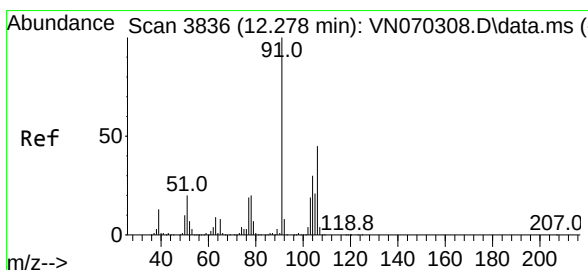
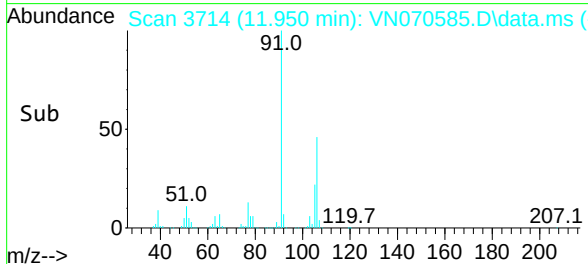
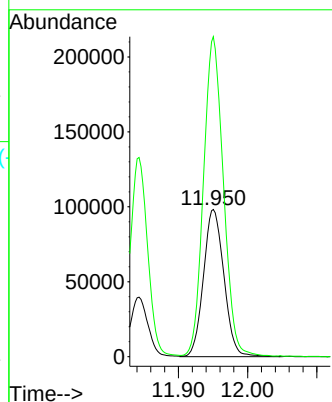
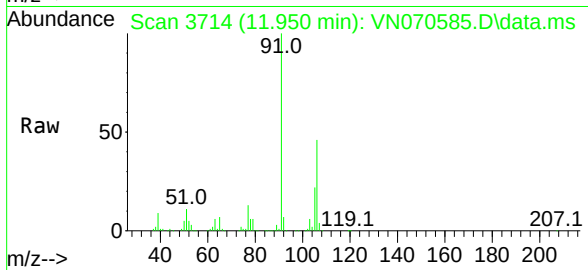
#68
m/p-Xylenes
Concen: 10.733 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

Instrument :
MSVOA_N
ClientSampleId :
31295

Tgt Ion:106 Resp: 20170
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8

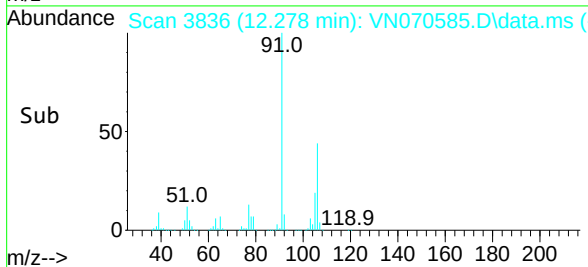
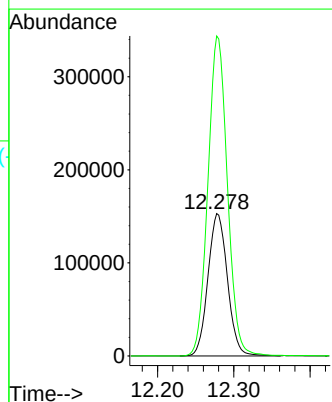
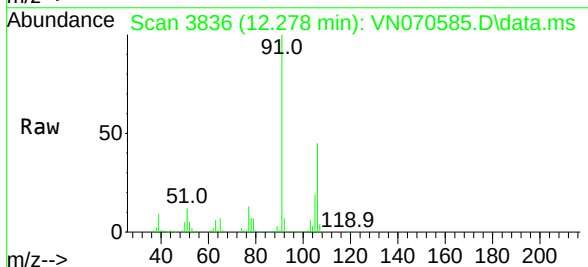
Manual Integrations
APPROVED

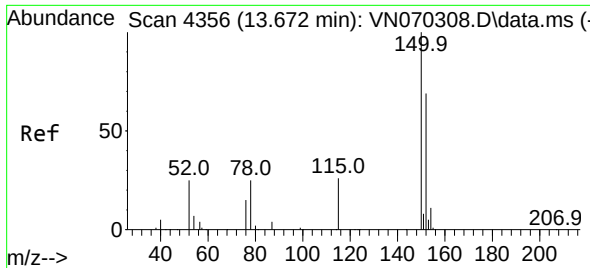
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#69
o-Xylene
Concen: 14.523 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

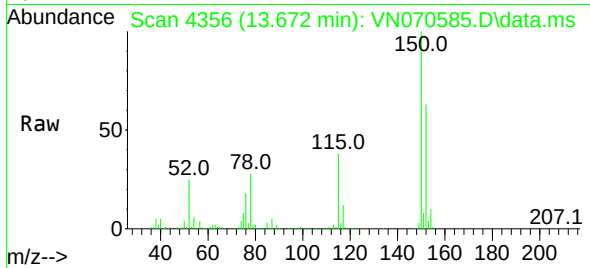
Tgt Ion:106 Resp: 271468
Ion Ratio Lower Upper
106 100
91 224.4 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

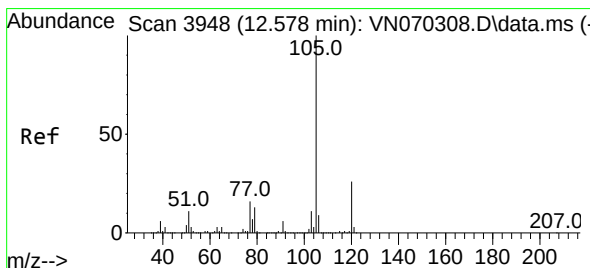
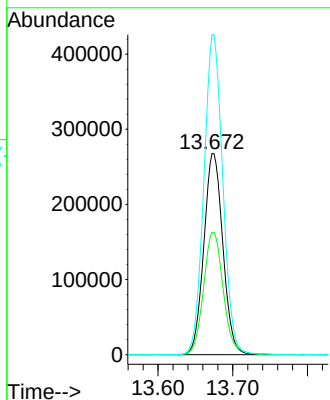
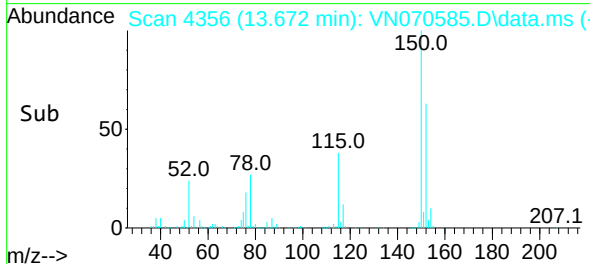
Instrument :
MSVOA_N
ClientSampleId :
31295



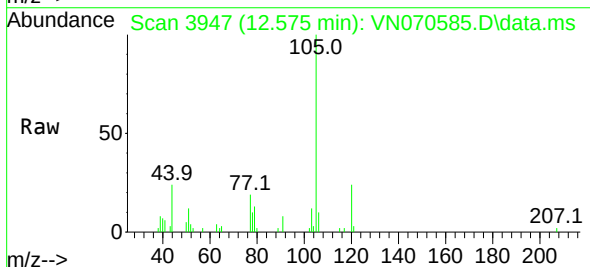
Tgt Ion:152 Resp: 47404
Ion Ratio Lower Upper
152 100
115 62.9 27.5 82.5
150 157.2 0.0 344.4

Manual Integrations
APPROVED

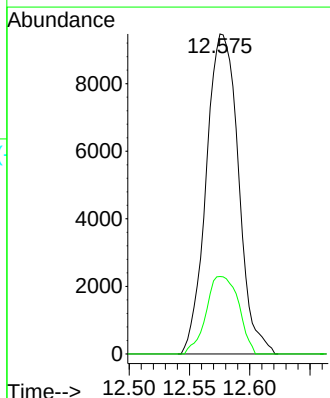
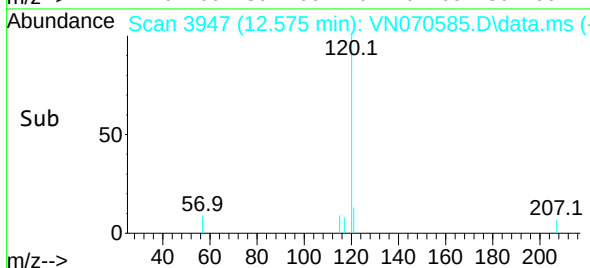
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

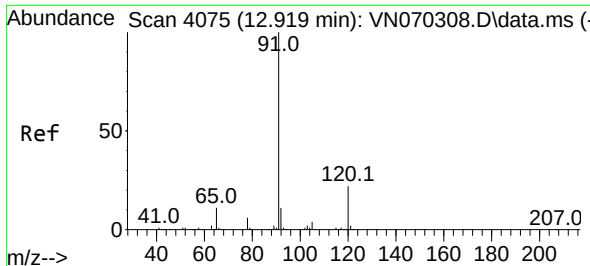


#73
Isopropylbenzene
Concen: 0.399 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45



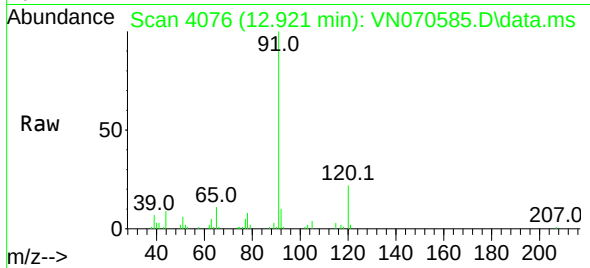
Tgt Ion:105 Resp: 17564
Ion Ratio Lower Upper
105 100
120 24.4 13.4 40.1





#78
n-propylbenzene
Concen: 0.904 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

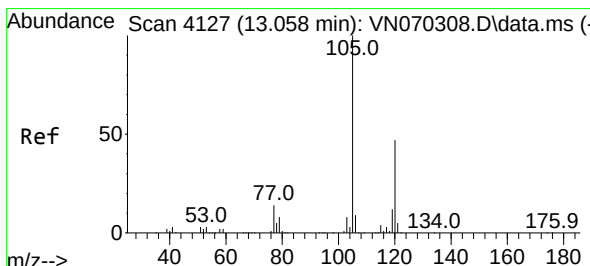
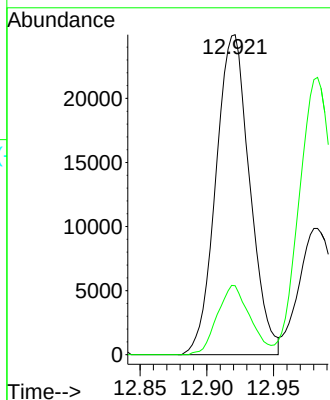
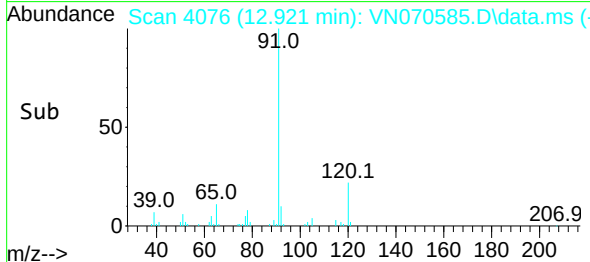
Instrument :
MSVOA_N
ClientSampleId :
31295



Tgt Ion: 91 Resp: 4410
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.9

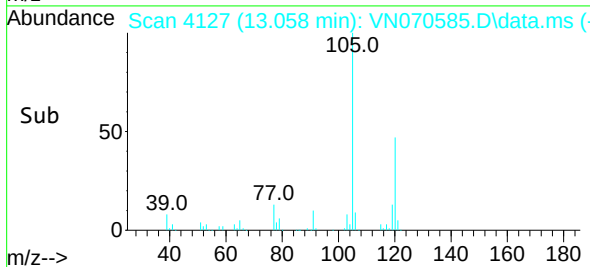
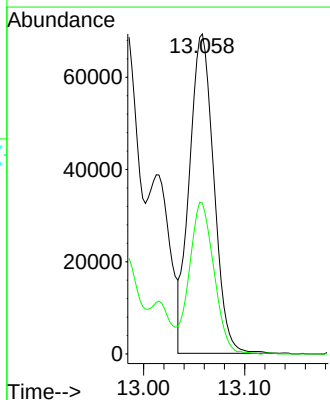
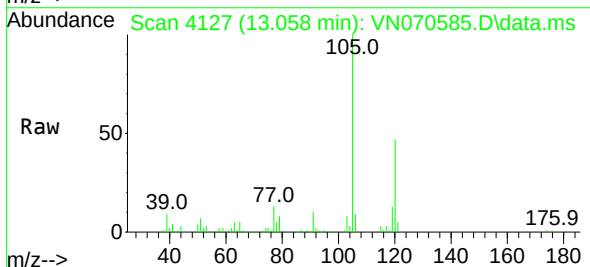
Manual Integrations
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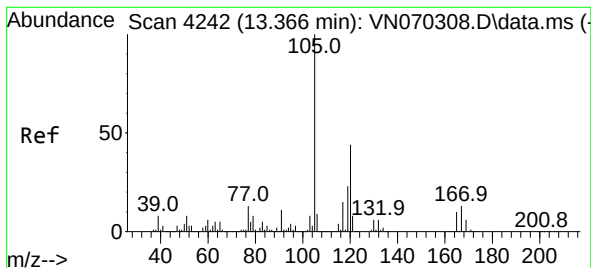
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.299 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070585.D
Acq: 12 Jan 2022 14:45

Tgt Ion:105 Resp: 116394
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 3.024 ug/l

RT: 13.366 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070585.D

Acq: 12 Jan 2022 14:45

Instrument :

MSVOA_N

ClientSampleId :

31295

Tgt Ion:105 Resp: 10272

Ion Ratio Lower Upper

105 100

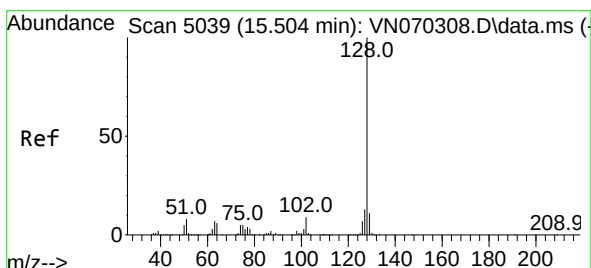
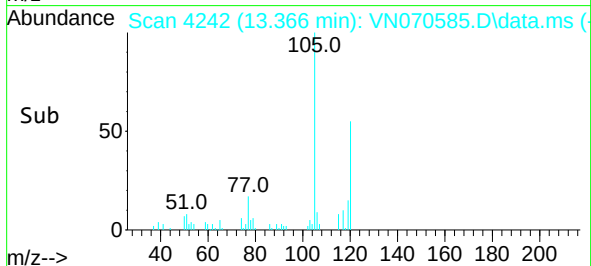
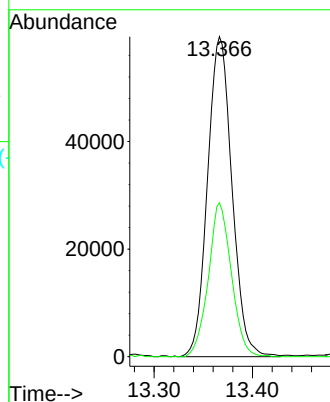
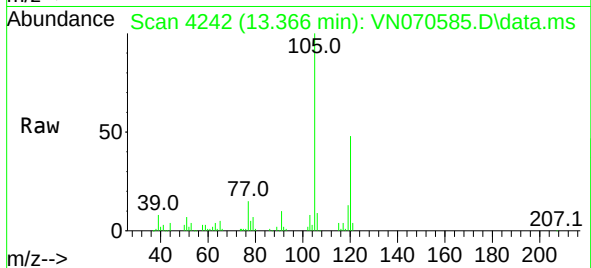
120 45.4 22.8 68.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#95

Naphthalene

Concen: 3.712 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. 0.003 min

Lab File: VN070585.D

Acq: 12 Jan 2022 14:45

Tgt Ion:128 Resp: 42897

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 9.8 8.7 13.1

