

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070583.D
 Acq On : 12 Jan 2022 13:54
 Operator : JC/MD
 Sample : N1021-03DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 INF0122DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 04:26:14 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	942637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1606647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1428429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	541186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	712640	52.580	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.160%			
35) Dibromofluoromethane	8.019	113	497831	51.212	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.420%			
50) Toluene-d8	10.441	98	2052740	51.692	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.728	95	802379	55.943	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.880%			
Target Compounds					Qvalue	
31) Cyclohexane	8.091	56	100641	4.706	ug/l #	85
39) Methylcyclohexane	9.456	83	31106	1.598	ug/l #	85
40) Benzene	8.459	78	1495278	30.329	ug/l	99
52) Toluene	10.505	92	149058	4.995	ug/l	98
67) Ethyl Benzene	11.843	91	989539	17.819	ug/l	97
68) m/p-Xylenes	11.953	106	932297	46.122	ug/l	93
69) o-Xylene	12.278	106	129794	6.456	ug/l	92
73) Isopropylbenzene	12.578	105	106817	2.125	ug/l	99
78) n-propylbenzene	12.919	91	214093	3.845	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	152023	3.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.367	105	733108	18.904	ug/l	98
85) sec-Butylbenzene	13.501	105	15736m	0.327	ug/l	
89) n-Butylbenzene	13.941	91	24800	0.786	ug/l #	81
95) Naphthalene	15.504	128	167835	8.359	ug/l	99

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

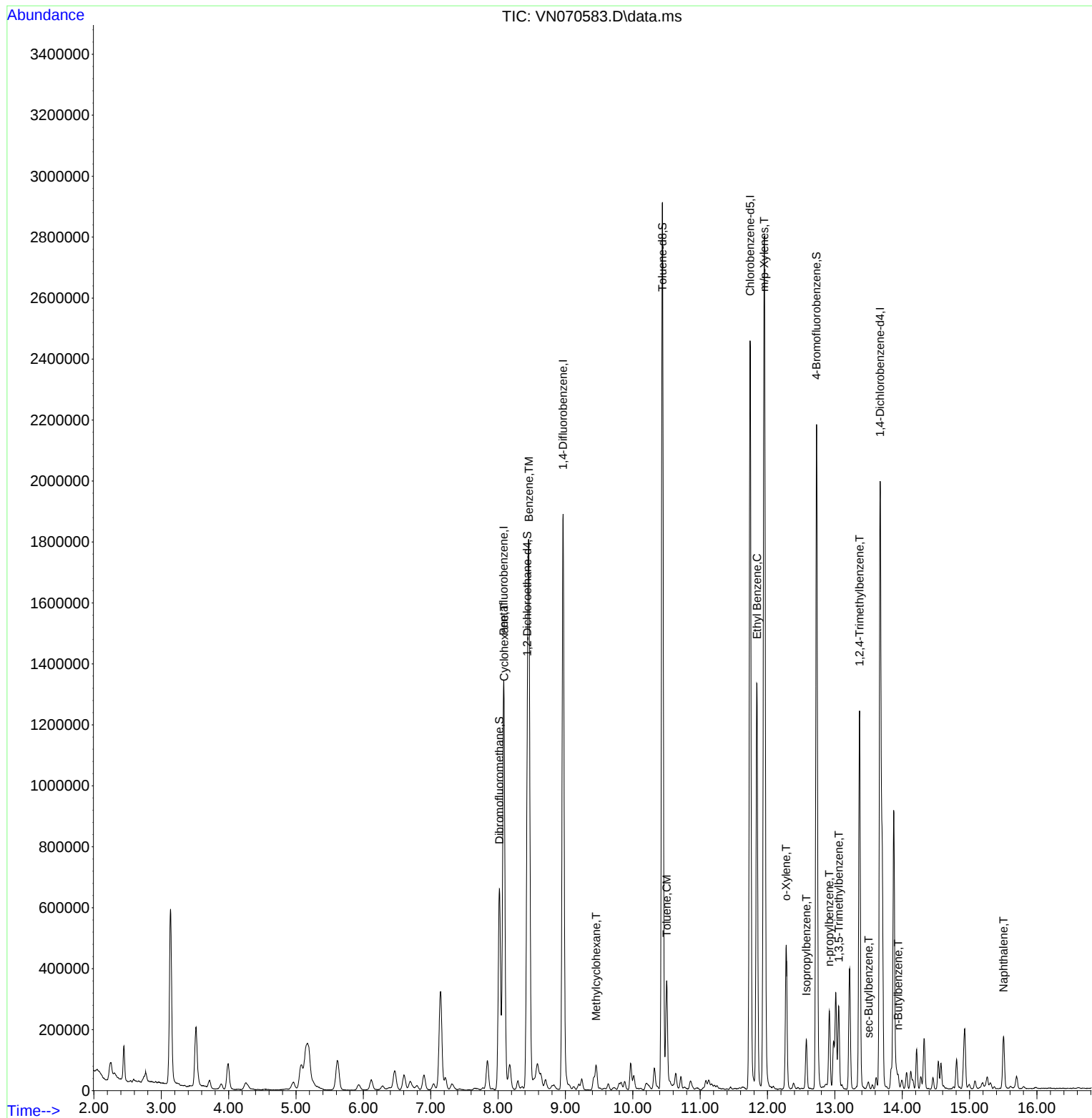
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070583.D
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Operator : JC/MD
Sample : N1021-03DL 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

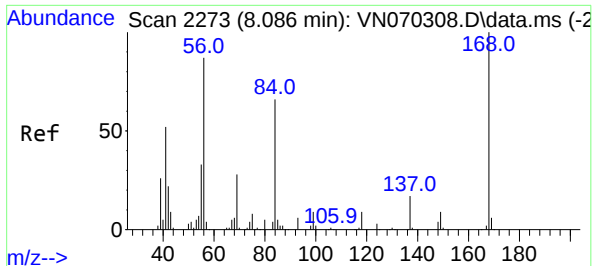
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL

Quant Time: Jan 13 04:26:14 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

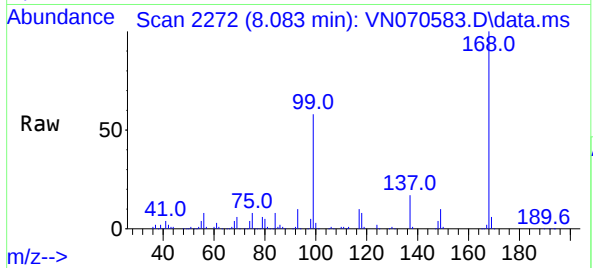
Reviewed By : John Carlone 01/13/2022
Supervised By : Mahesh Dadoda 01/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

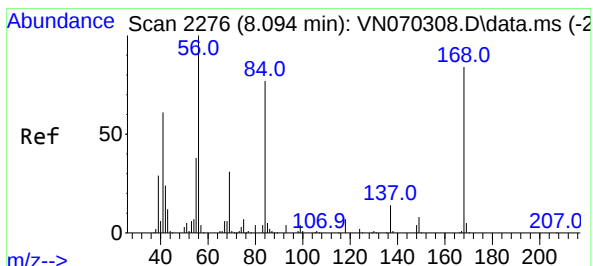
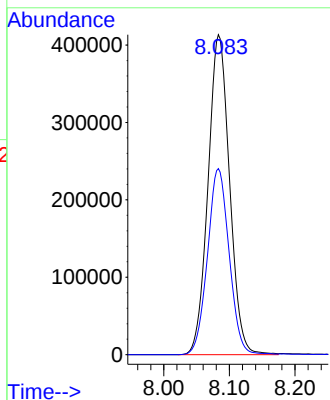
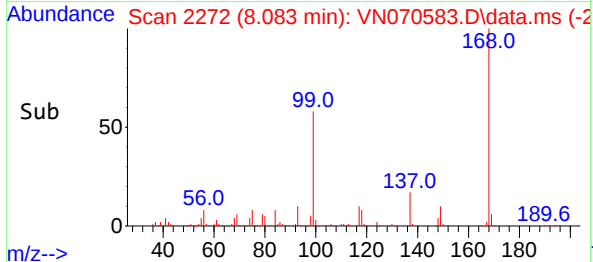
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



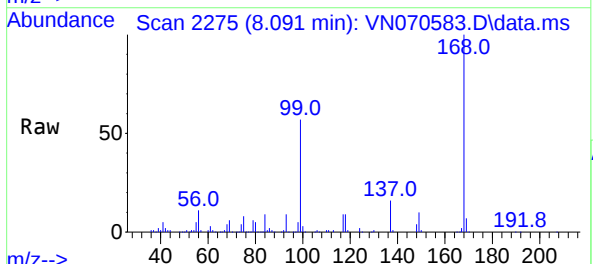
Tgt Ion:168 Resp: 94263
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9

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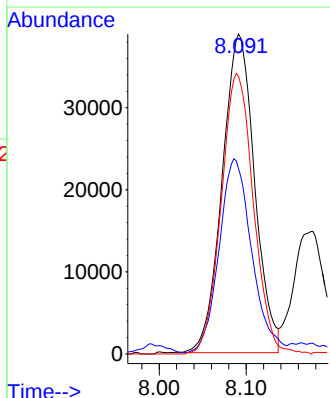
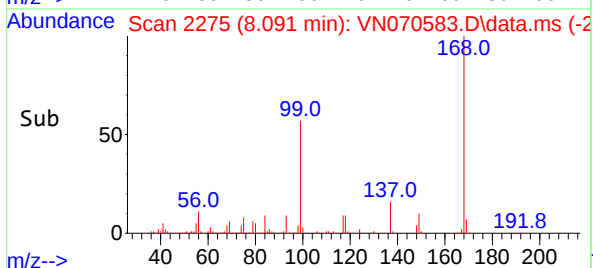
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

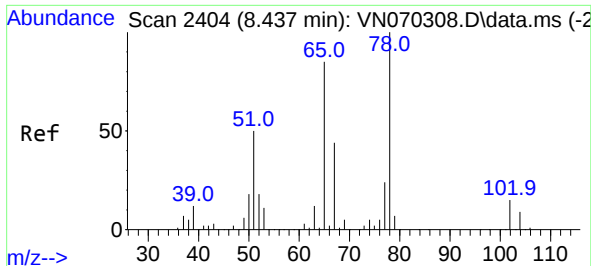


#31
Cyclohexane
Concen: 4.706 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



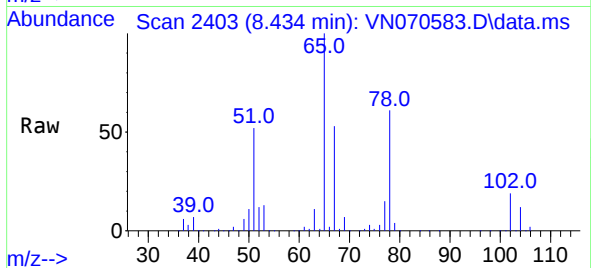
Tgt Ion: 56 Resp: 100641
Ion Ratio Lower Upper
56 100
69 57.5 27.1 40.7#
84 87.1 73.4 110.0





#33
1,2-Dichloroethane-d4
Concen: 52.580 ug/l
RT: 8.434 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

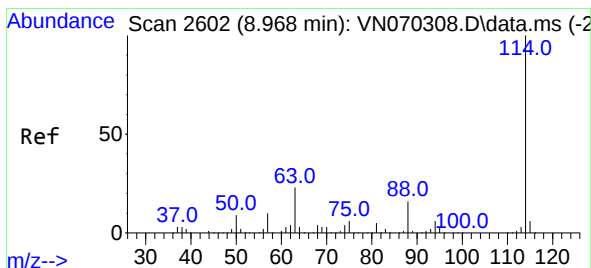
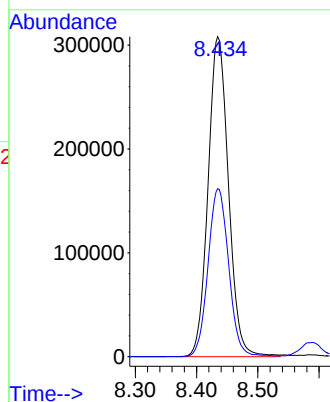
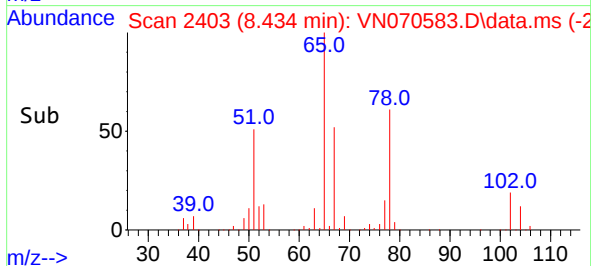
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MSVOA_N
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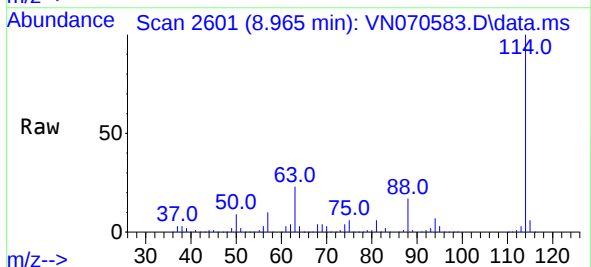
Tgt Ion: 65 Resp: 712640
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

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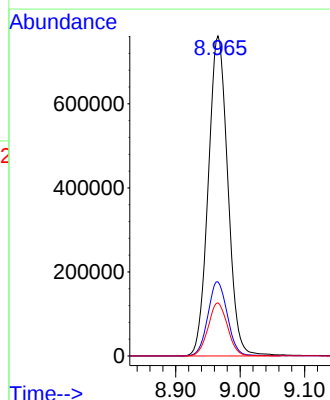
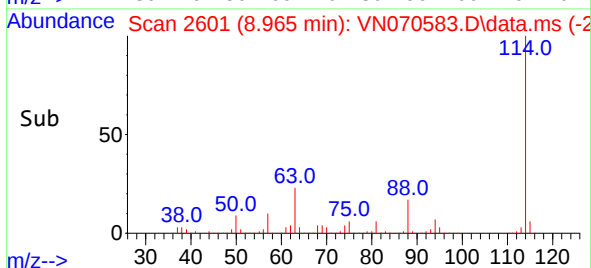
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

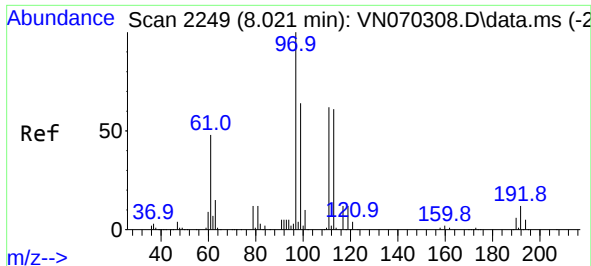


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



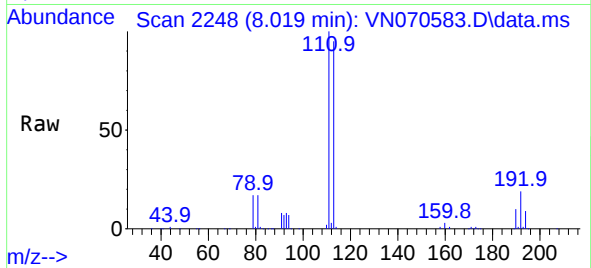
Tgt Ion:114 Resp: 1606647
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.212 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

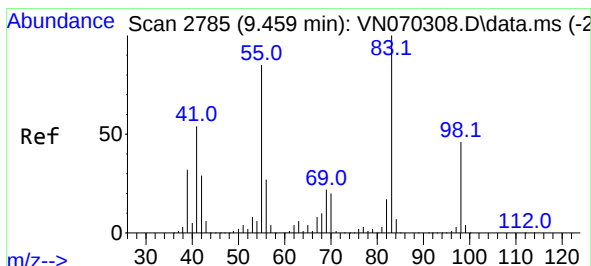
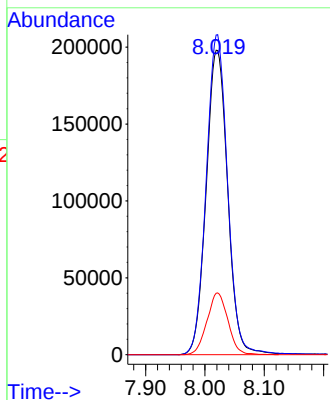
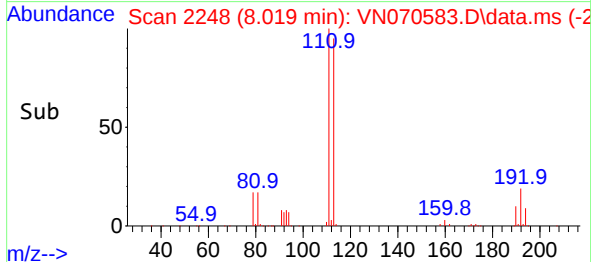
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



Tgt Ion:113 Resp: 49783
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 19.8 16.9 25.3

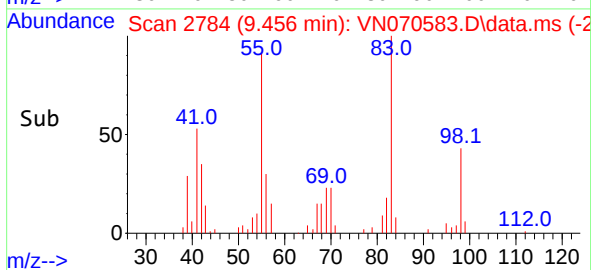
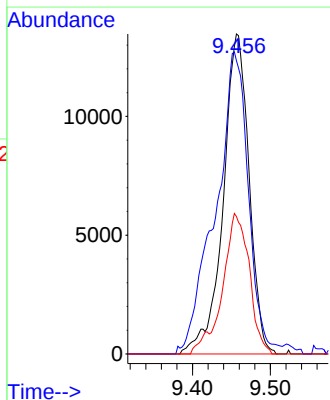
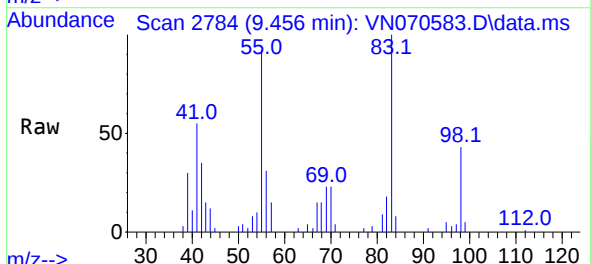
Manual Integrations
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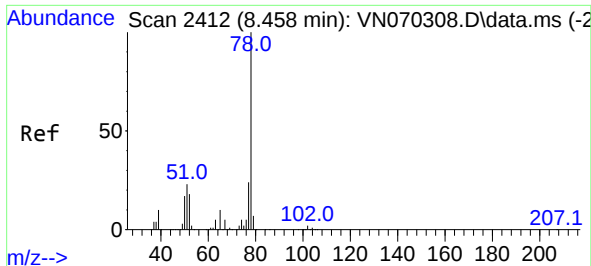
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#39
Methylcyclohexane
Concen: 1.598 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

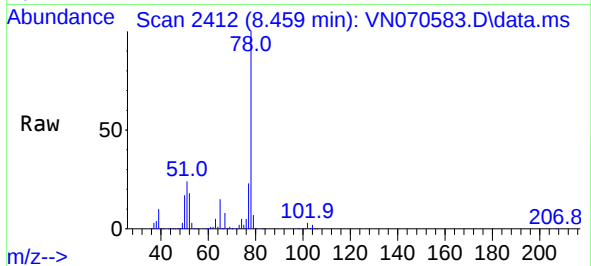
Tgt Ion: 83 Resp: 31106
Ion Ratio Lower Upper
83 100
55 89.3 58.1 87.1#
98 42.9 38.4 57.6





#40
Benzene
Concen: 30.329 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

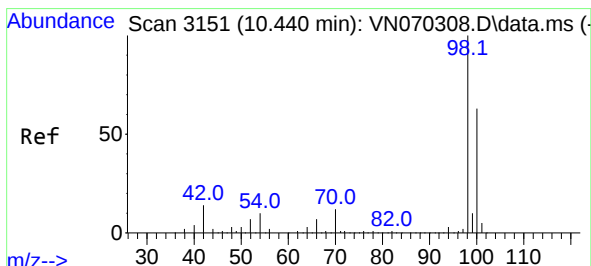
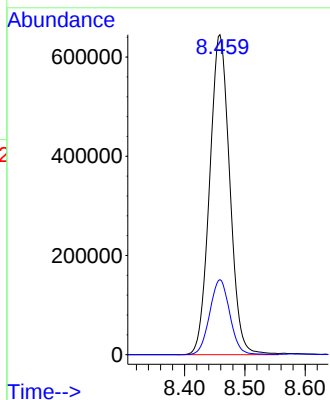
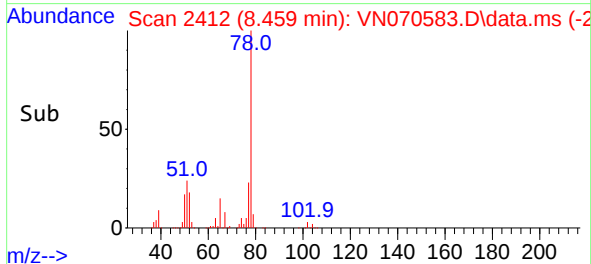
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



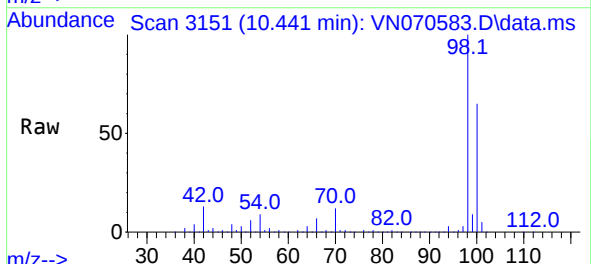
Tgt Ion: 78 Resp: 1495278
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8

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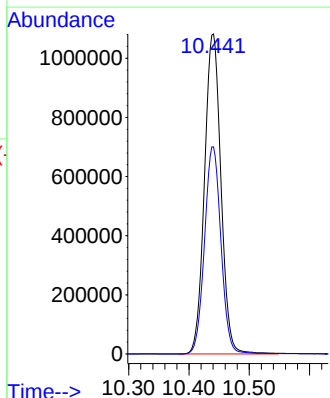
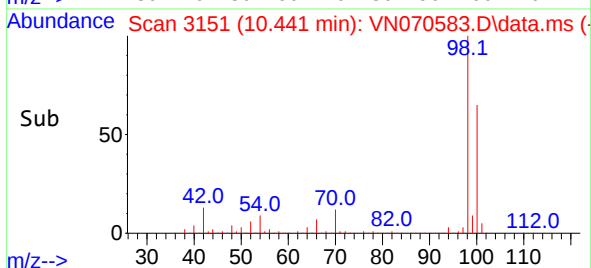
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

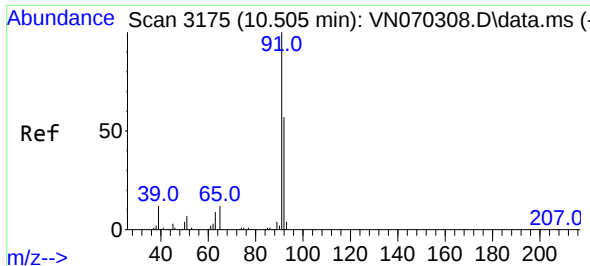


#50
Toluene-d8
Concen: 51.692 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



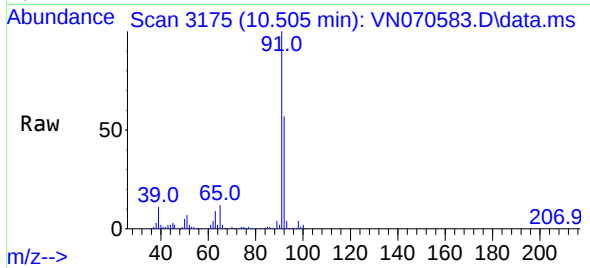
Tgt Ion: 98 Resp: 2052740
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





#52
Toluene
Concen: 4.995 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

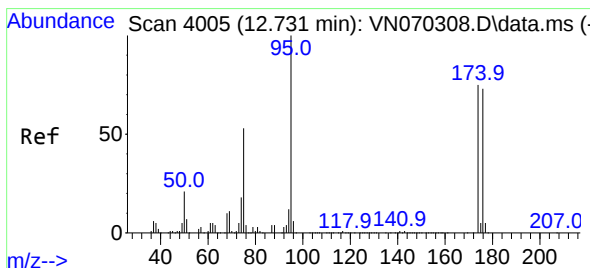
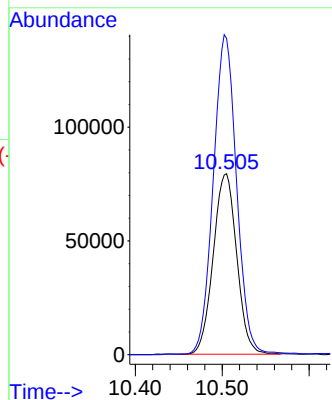
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



Tgt Ion: 92 Resp: 149058
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0

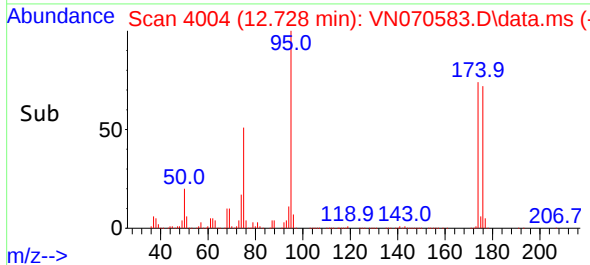
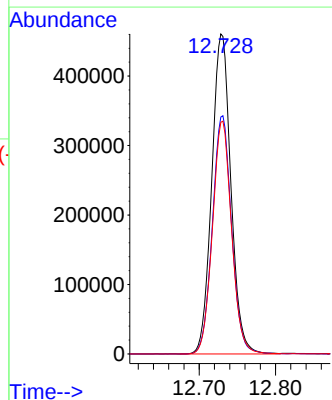
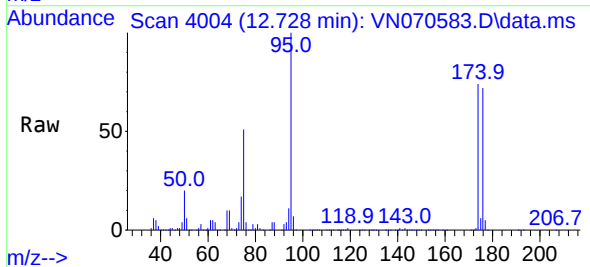
Manual Integrations
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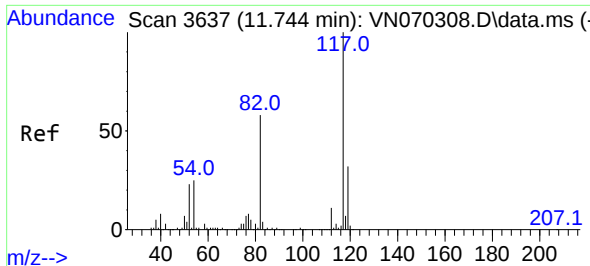
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#62
4-Bromofluorobenzene
Concen: 55.943 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

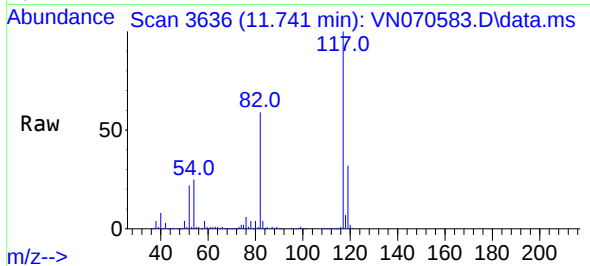
Tgt Ion: 95 Resp: 802379
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

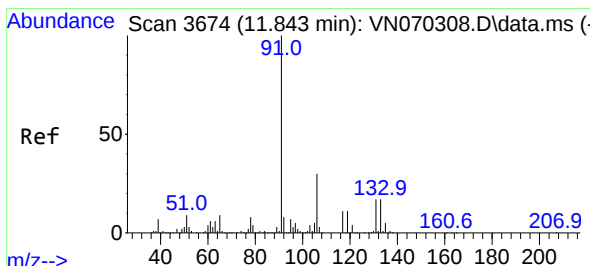
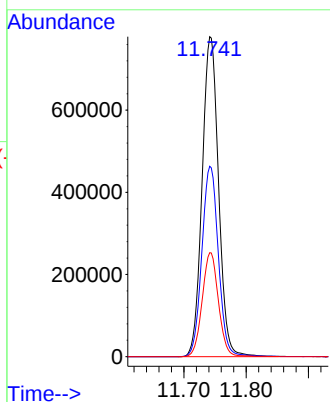
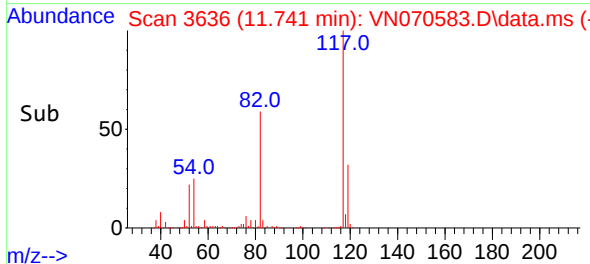
Instrument :
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INF0122DL



Tgt Ion: 117 Resp: 1428429
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.5 25.4 38.2

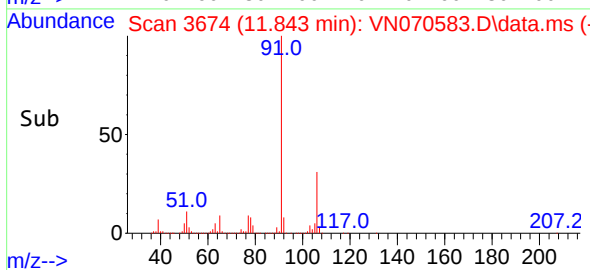
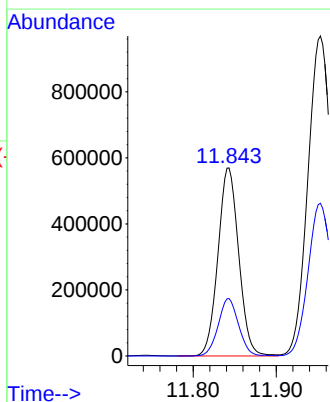
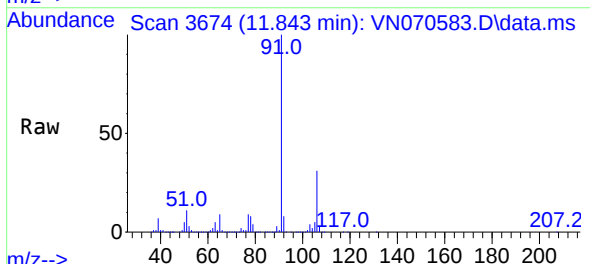
Manual Integrations
APPROVED

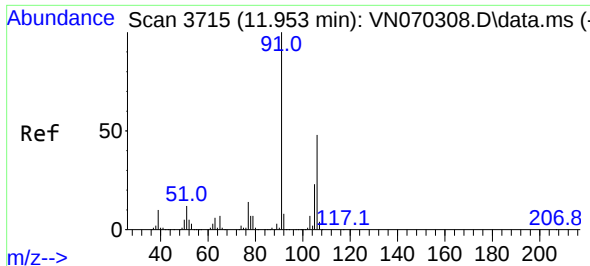
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#67
Ethyl Benzene
Concen: 17.819 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

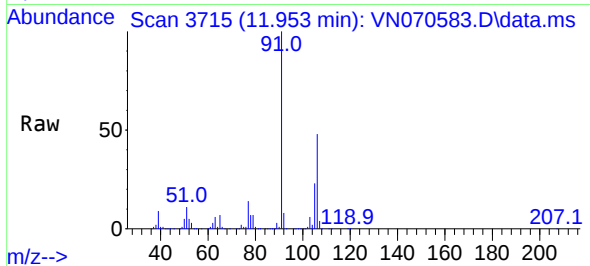
Tgt Ion: 91 Resp: 989539
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5





#68
m/p-Xylenes
Concen: 46.122 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

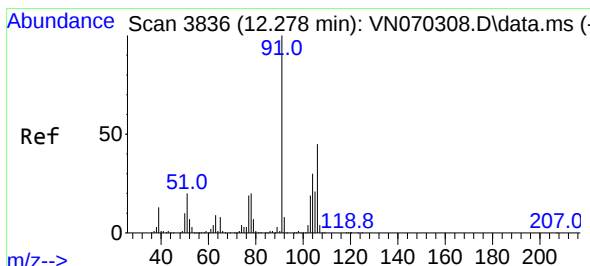
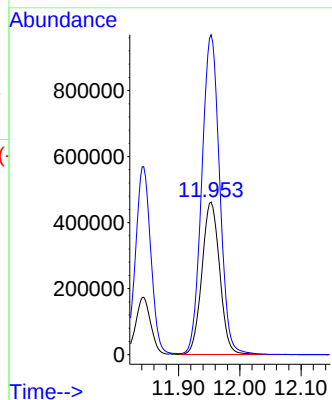
Instrument :
MSVOA_N
ClientSampleId :
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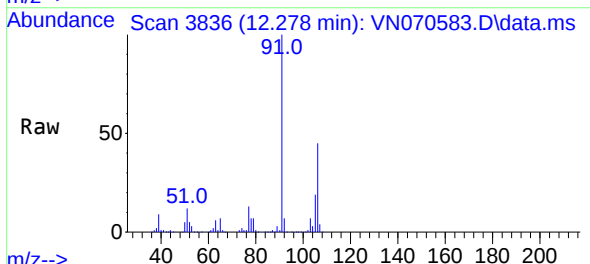
Tgt Ion:106 Resp: 932297
Ion Ratio Lower Upper
106 100
91 210.7 160.6 240.8

Manual Integrations
APPROVED

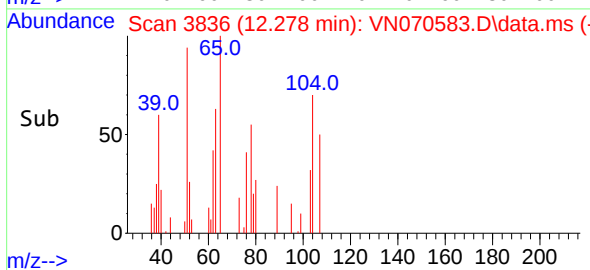
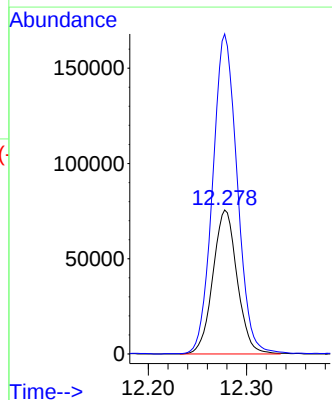
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

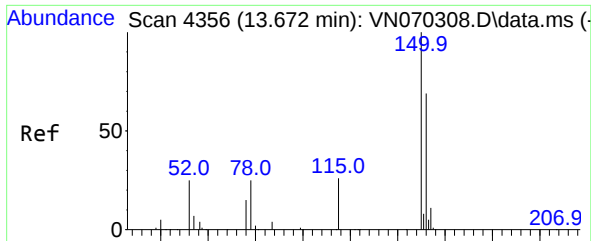


#69
o-Xylene
Concen: 6.456 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



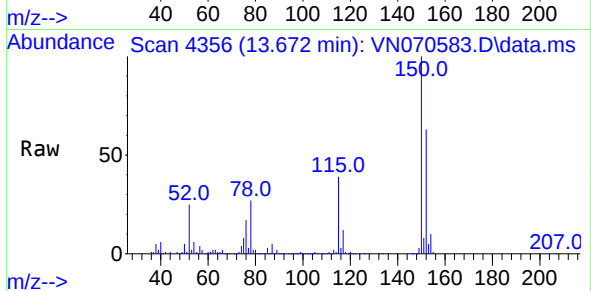
Tgt Ion:106 Resp: 129794
Ion Ratio Lower Upper
106 100
91 224.3 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

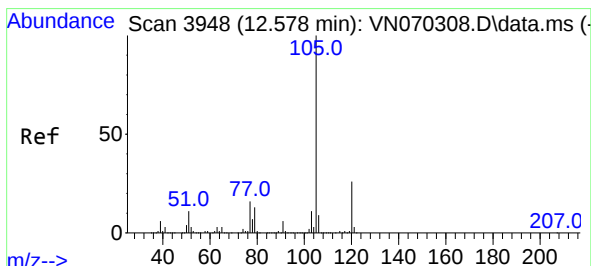
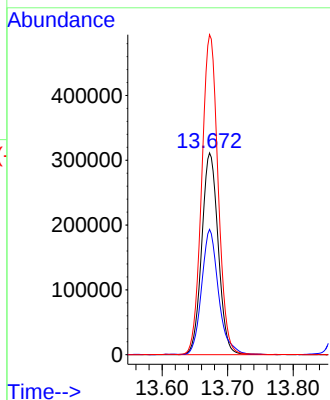
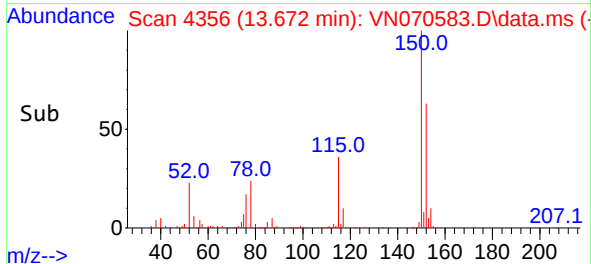
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



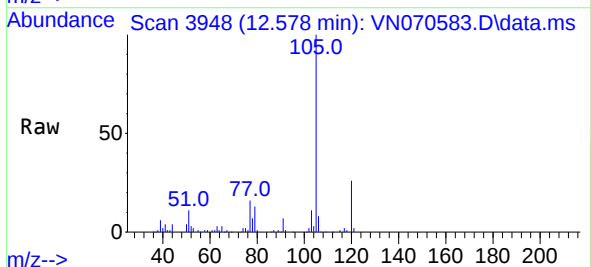
Tgt Ion:152 Resp: 541180
Ion Ratio Lower Upper
152 100
115 63.6 27.5 82.5
150 157.9 0.0 344.4

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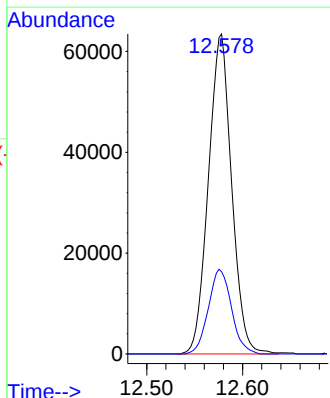
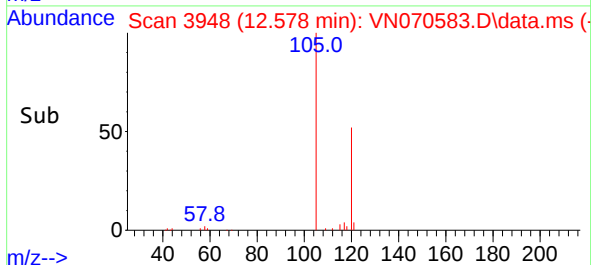
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

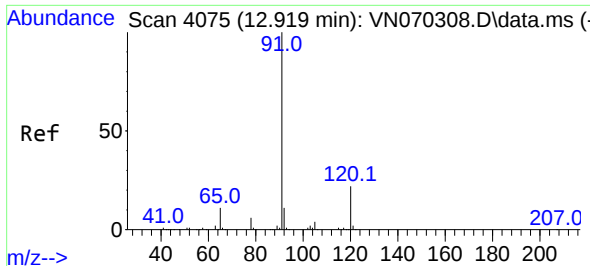


#73
Isopropylbenzene
Concen: 2.125 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



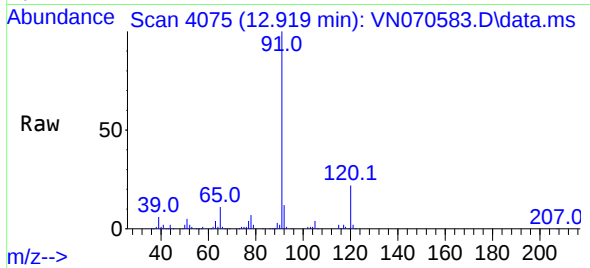
Tgt Ion:105 Resp: 106817
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1





#78
n-propylbenzene
Concen: 3.845 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

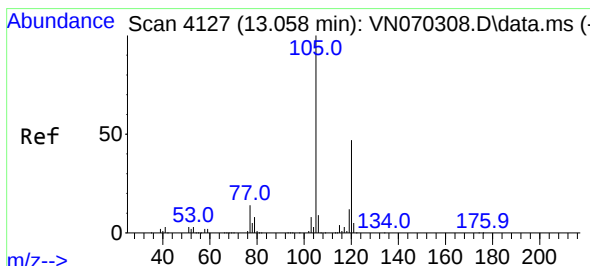
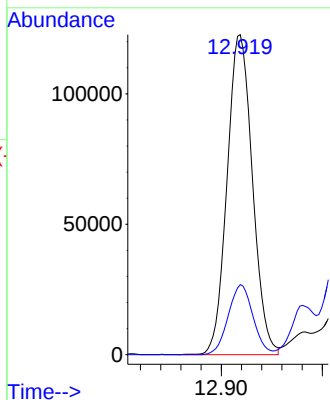
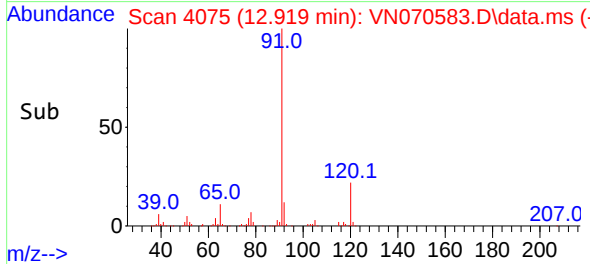
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



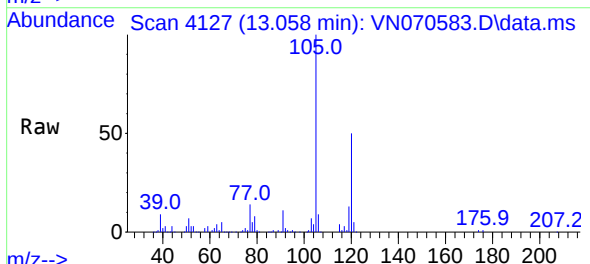
Tgt Ion: 91 Resp: 214093
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

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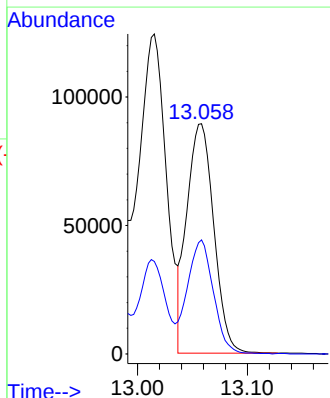
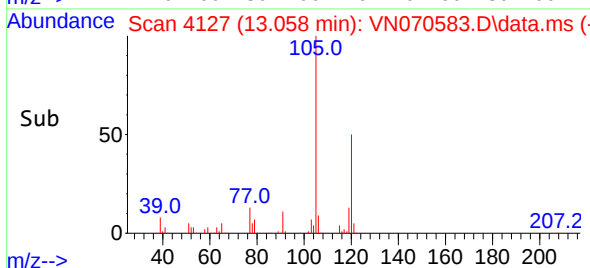
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

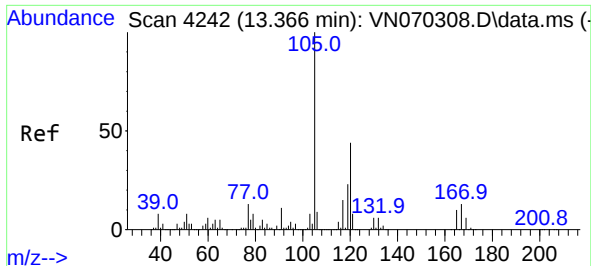


#80
1,3,5-Trimethylbenzene
Concen: 3.775 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



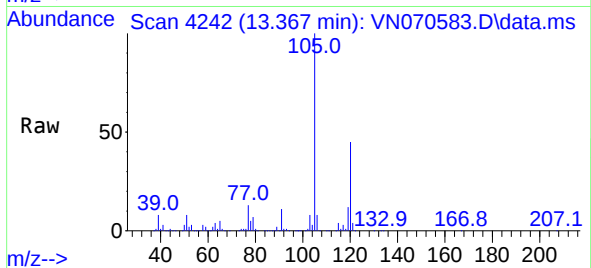
Tgt Ion:105 Resp: 152023
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 18.904 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

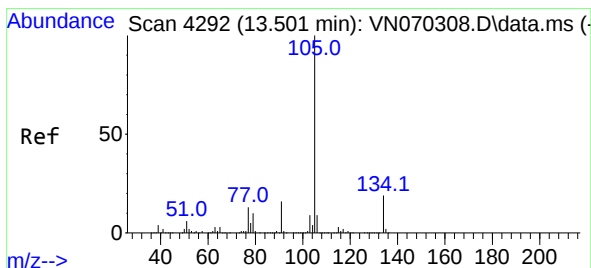
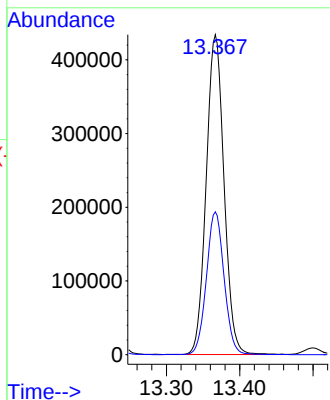
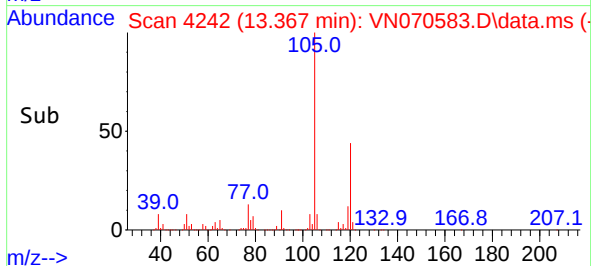
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



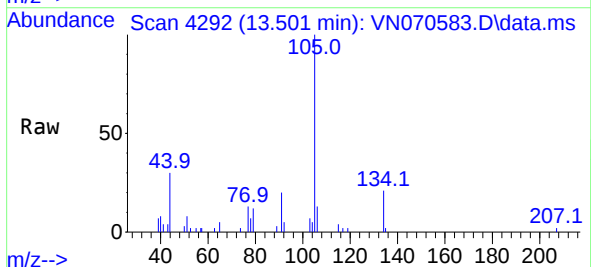
Tgt Ion:105 Resp: 733108
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4

Manual Integrations
APPROVED

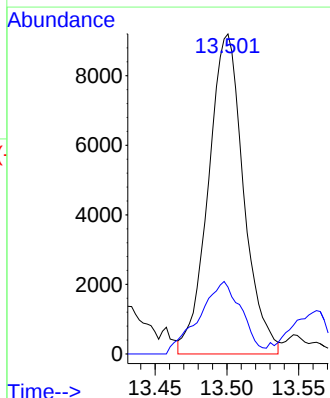
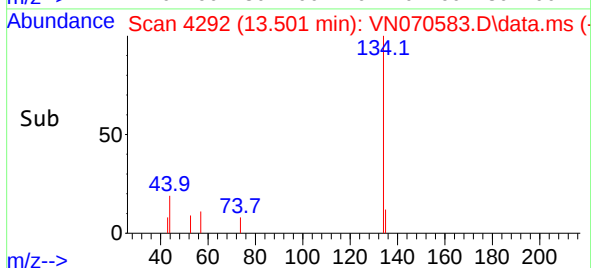
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

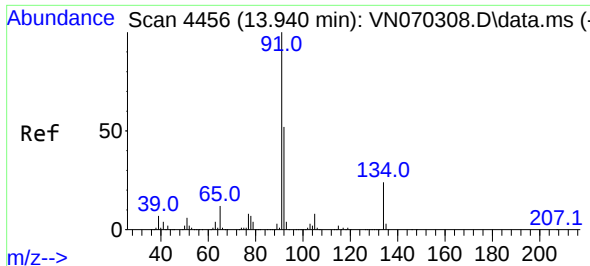


#85
sec-Butylbenzene
Concen: 0.327 ug/l m
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



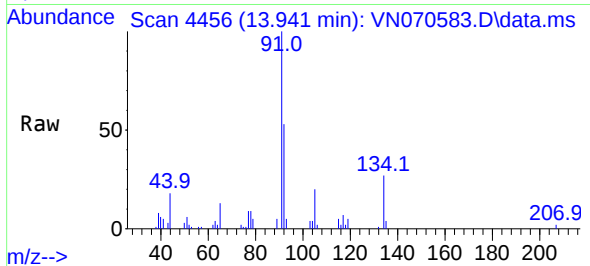
Tgt Ion:105 Resp: 15736
Ion Ratio Lower Upper
105 100
134 1.4 10.4 31.1#





#89
n-Butylbenzene
Concen: 0.786 ug/l
RT: 13.941 min Scan# 4456
Delta R.T. 0.001 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54

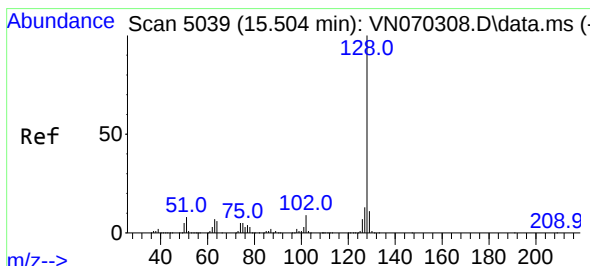
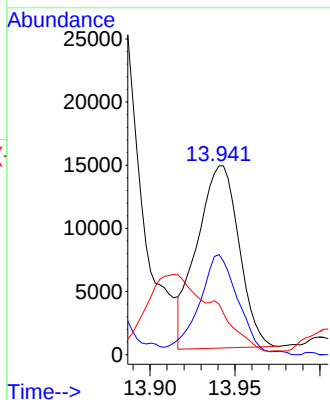
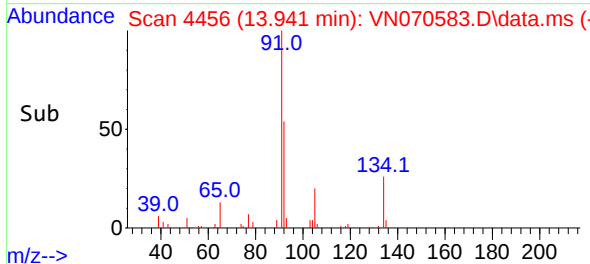
Instrument :
MSVOA_N
ClientSampleId :
INF0122DL



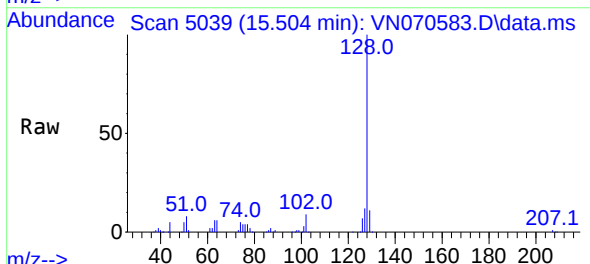
Tgt Ion: 91 Resp: 24800
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 8.359 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070583.D
Acq: 12 Jan 2022 13:54



Tgt Ion:128 Resp: 167835
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 10.7 8.7 13.1

