

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070625.D
 Acq On : 14 Jan 2022 16:04
 Operator : JC/MD
 Sample : N1141-06
 Misc : 1.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 101224

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 05:39:37 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	8.078	168	821860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1382680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1129607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	551002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	692099	58.569	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.140%			
35) Dibromofluoromethane	8.016	113	469655	56.139	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.280%			
50) Toluene-d8	10.440	98	1826965	53.458	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.920%			
62) 4-Bromofluorobenzene	12.734	95	753227	61.022	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.040%			
Target Compounds					Qvalue	
16) Acetone	4.315	43	16142m	2.104	ug/l	
18) Methyl Acetate	4.865	43	19942m	0.899	ug/l	
25) 2-Butanone	7.351	43	152182	15.756	ug/l	90
30) Chloroform	7.812	83	146200	7.907	ug/l	100
31) Cyclohexane	8.056	56	83003	4.451	ug/l #	58
39) Methylcyclohexane	9.454	83	101366	6.050	ug/l	86
47) Bromodichloromethane	9.759	83	13413	0.951	ug/l	90
52) Toluene	10.505	92	2054036	79.981	ug/l	97
67) Ethyl Benzene	11.846	91	221347	5.040	ug/l	95
68) m/p-Xylenes	11.950	106	362940	22.705	ug/l	92
69) o-Xylene	12.280	106	140903	8.862	ug/l	92
73) Isopropylbenzene	12.578	105	46512	0.909	ug/l	100
78) n-propylbenzene	12.921	91	202407	3.570	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	298248	7.274	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	1072542	27.164	ug/l	98
85) sec-Butylbenzene	13.503	105	85954	1.753	ug/l	87
86) p-Isopropyltoluene	13.616	119	56690	1.472	ug/l	97
89) n-Butylbenzene	13.943	91	124377	3.872	ug/l #	74
95) Naphthalene	15.507	128	155291	7.760	ug/l #	96

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

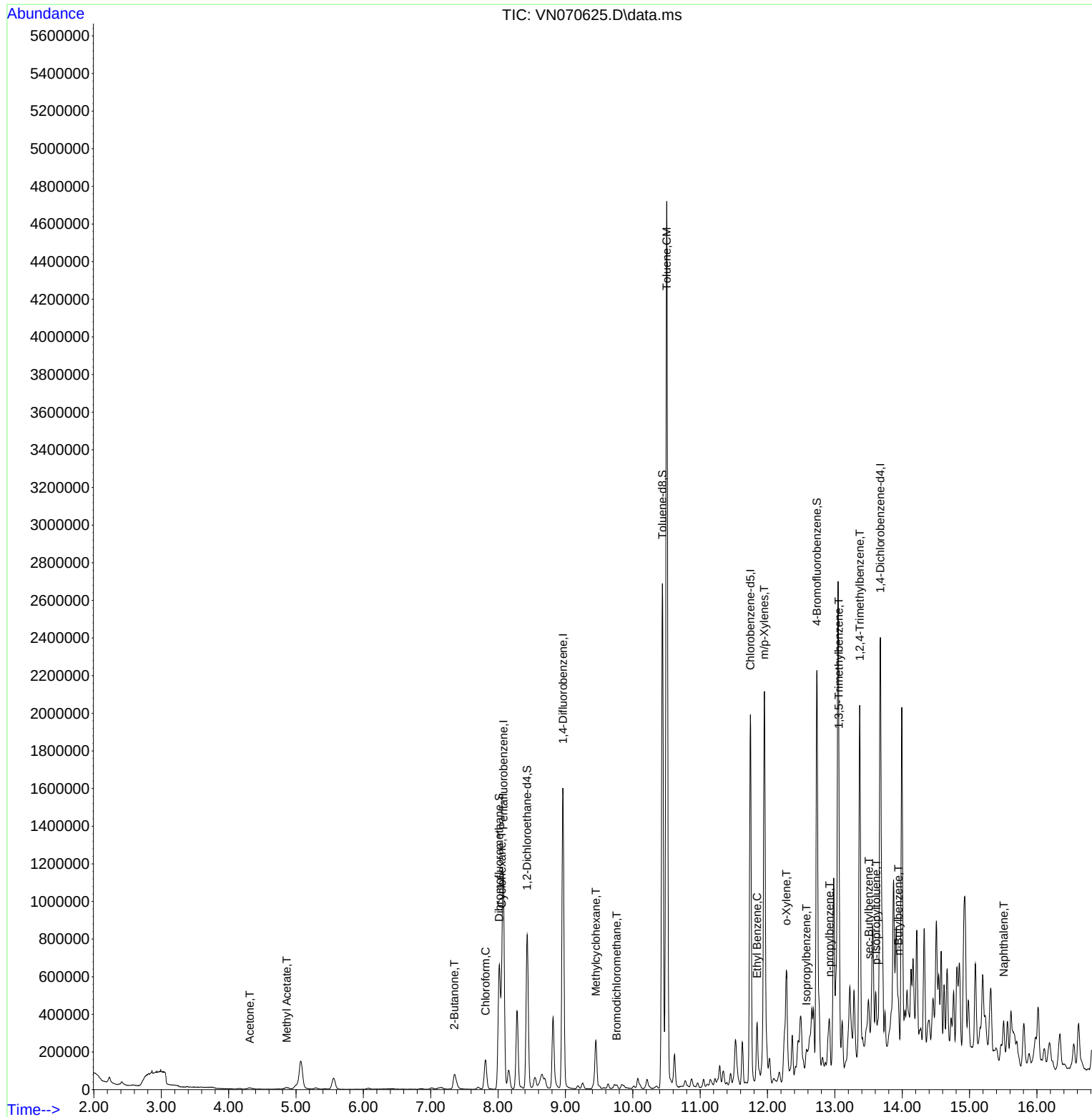
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070625.D
Acq On : 14 Jan 2022 16:04
Operator : JC/MD
Sample : N1141-06
Misc : 1.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

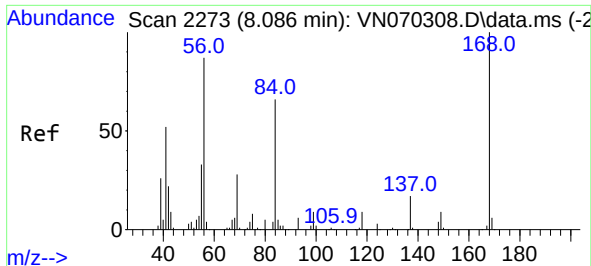
Instrument :
MSVOA_N
ClientSampleId :
101224

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/17/2022
Supervised By : Mahesh Dadoda 01/18/2022

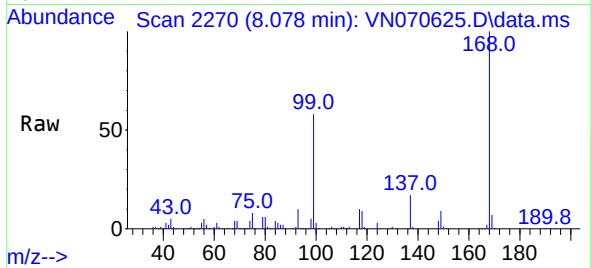
Quant Time: Jan 17 05:39:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

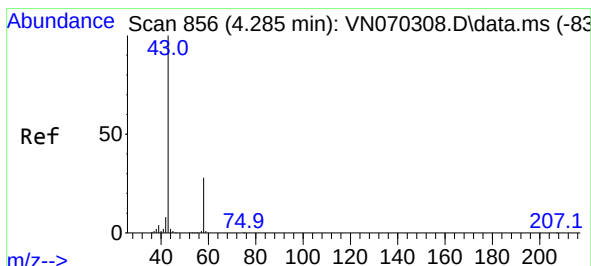
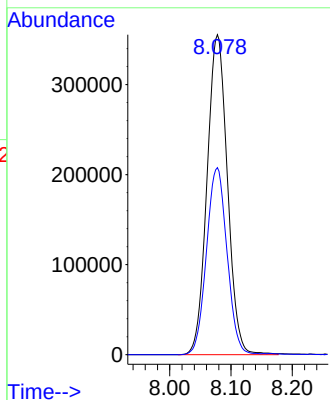
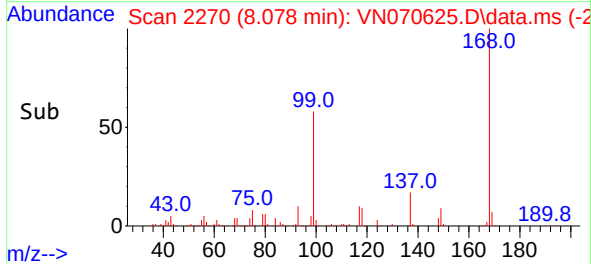
Instrument :
MSVOA_N
ClientSampleId :
101224



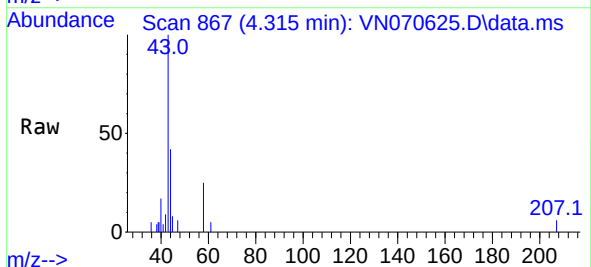
Tgt Ion:168 Resp: 821860
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

Manual Integrations
APPROVED

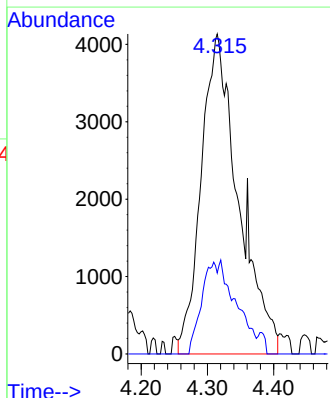
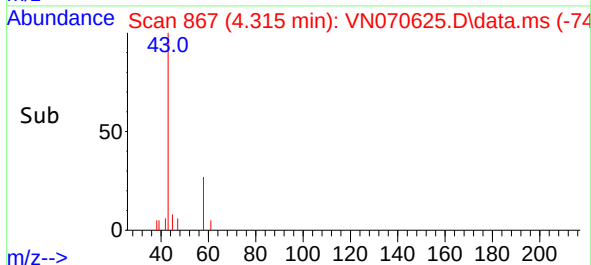
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

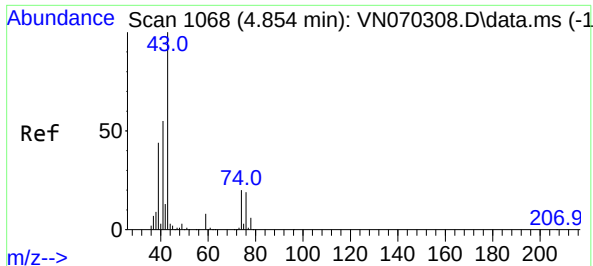


#16
Acetone
Concen: 2.104 ug/l m
RT: 4.315 min Scan# 867
Delta R.T. 0.030 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



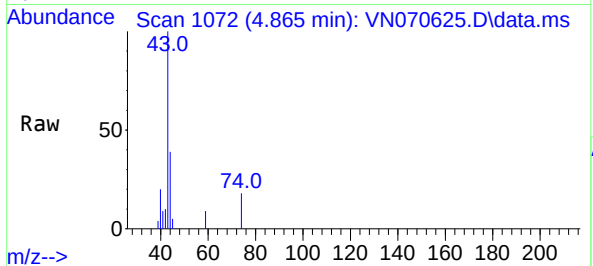
Tgt Ion: 43 Resp: 16142
Ion Ratio Lower Upper
43 100
58 25.3 23.1 34.7





#18
Methyl Acetate
Concen: 0.899 ug/l m
RT: 4.865 min Scan# 1068
Delta R.T. 0.011 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

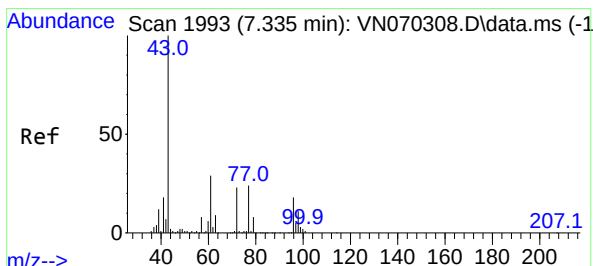
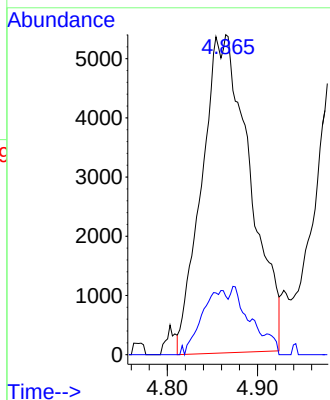
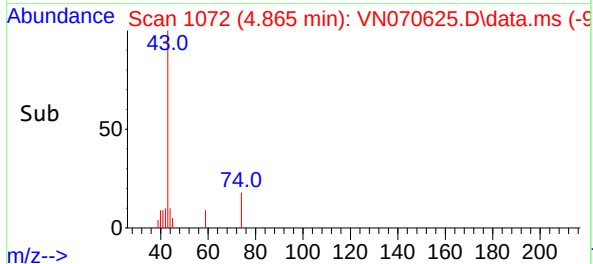
Instrument :
MSVOA_N
ClientSampleId :
101224



Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
74 10.9 19.4 29.2

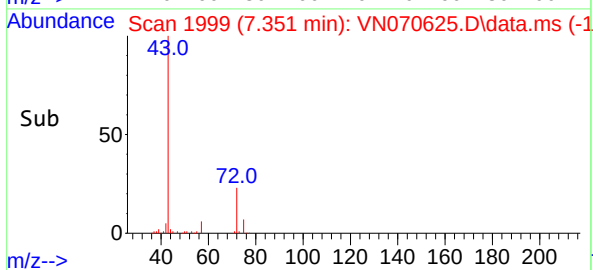
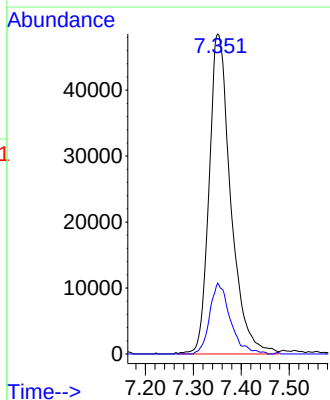
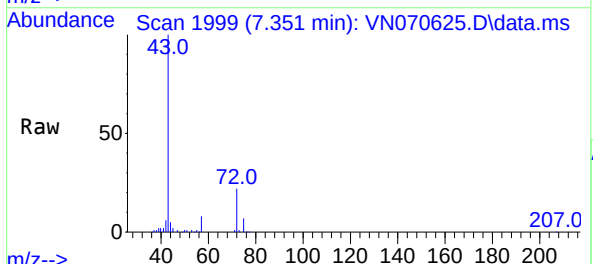
Manual Integrations
APPROVED

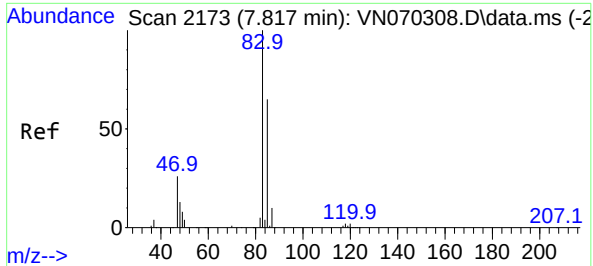
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#25
2-Butanone
Concen: 15.756 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.016 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Tgt Ion: 43 Resp: 152182
Ion Ratio Lower Upper
43 100
72 22.2 21.7 32.5





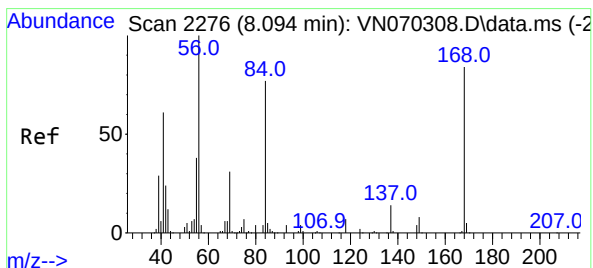
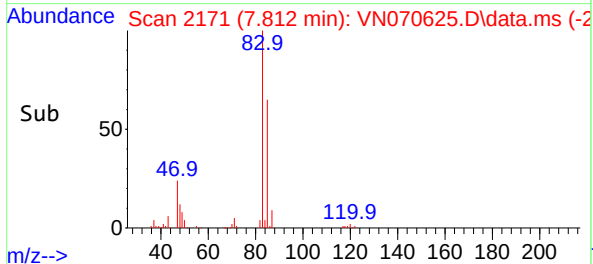
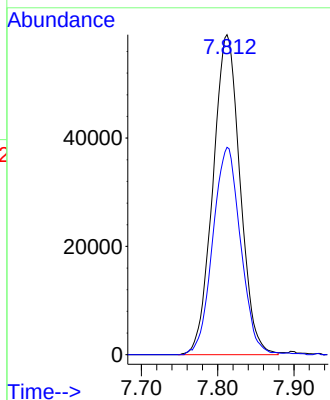
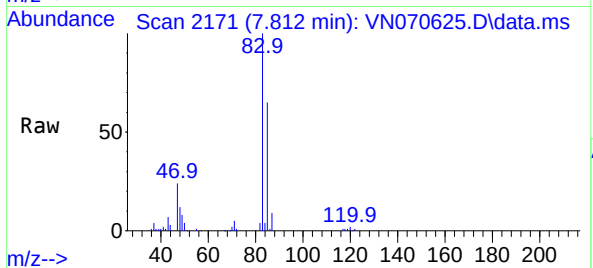
#30
Chloroform
Concen: 7.907 ug/l
RT: 7.812 min Scan# 2171
Delta R.T. -0.005 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
101224

Tgt Ion: 83 Resp: 146200
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9

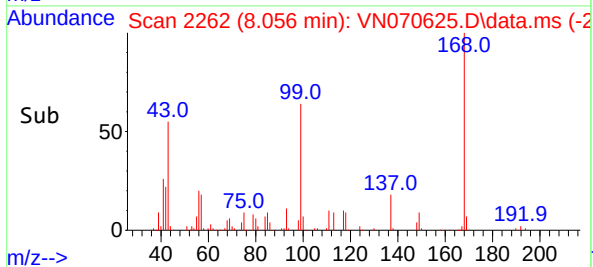
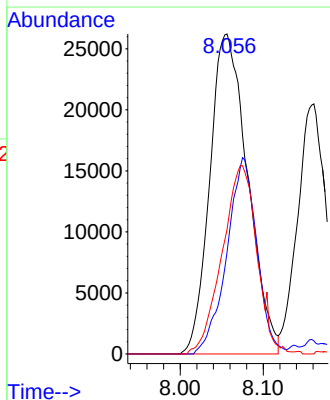
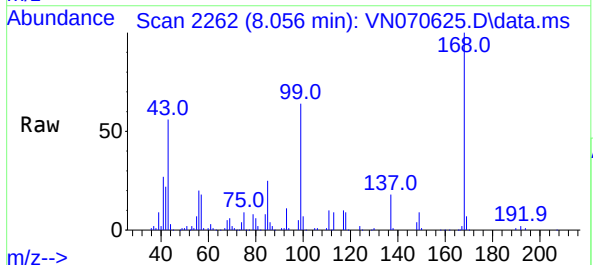
Manual Integrations
APPROVED

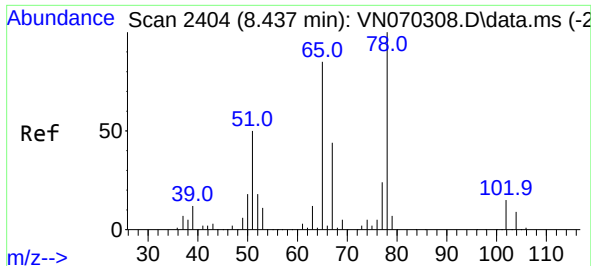
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#31
Cyclohexane
Concen: 4.451 ug/l
RT: 8.056 min Scan# 2262
Delta R.T. -0.038 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Tgt Ion: 56 Resp: 83003
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 38.9 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 58.569 ug/l

RT: 8.432 min Scan# 2404

Delta R.T. -0.005 min

Lab File: VN070625.D

Acq: 14 Jan 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

101224

Tgt Ion: 65 Resp: 692099

Ion Ratio Lower Upper

65 100

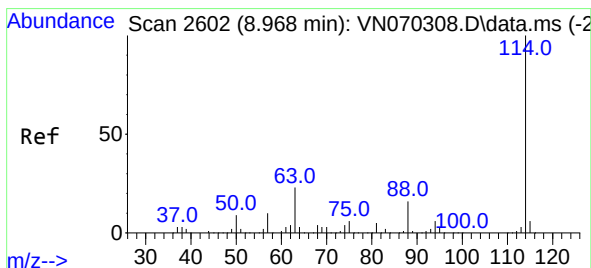
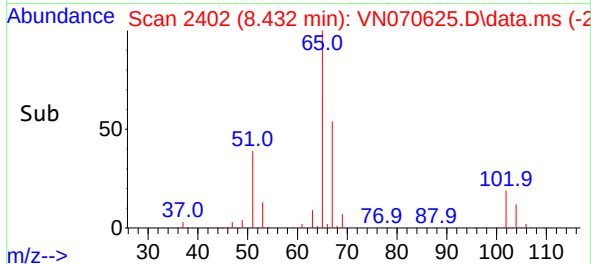
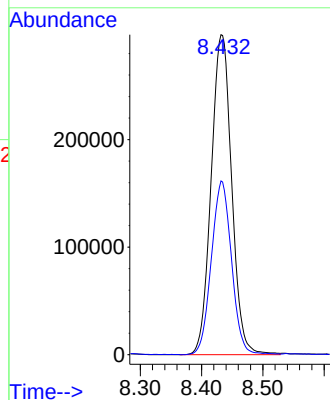
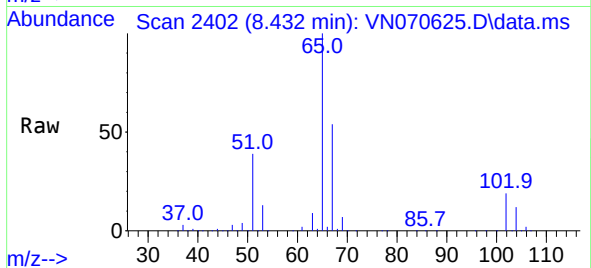
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.005 min

Lab File: VN070625.D

Acq: 14 Jan 2022 16:04

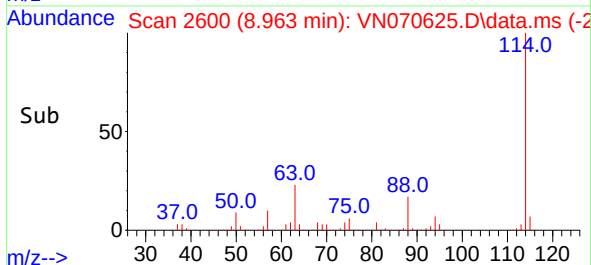
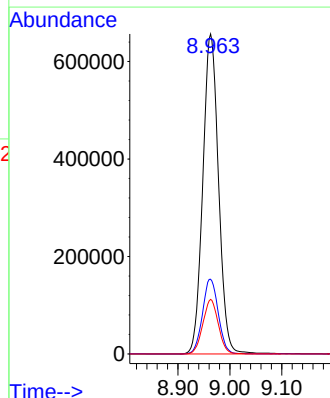
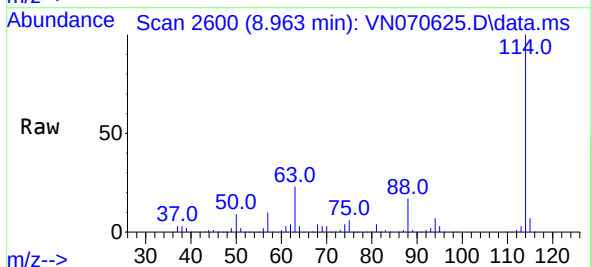
Tgt Ion:114 Resp: 1382680

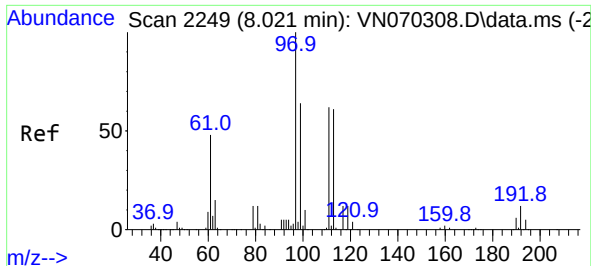
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

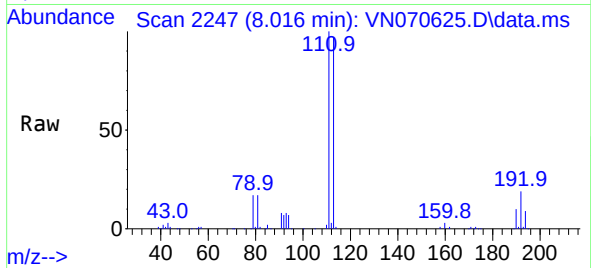
88 17.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 56.139 ug/l
RT: 8.016 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

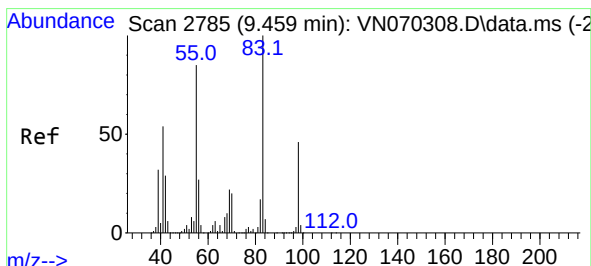
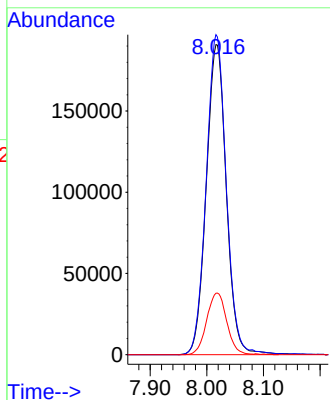
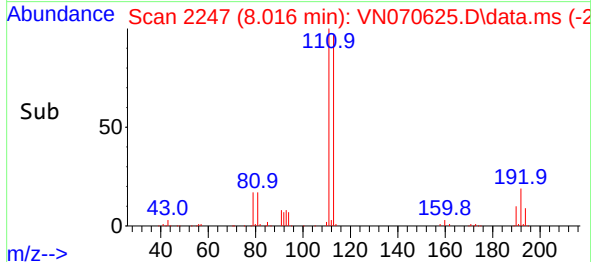
Instrument :
MSVOA_N
ClientSampleId :
101224



Tgt Ion:113 Resp: 46965
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.9 16.9 25.3

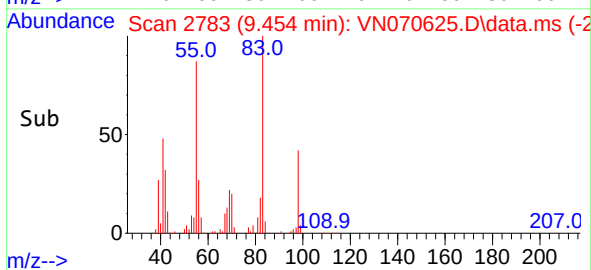
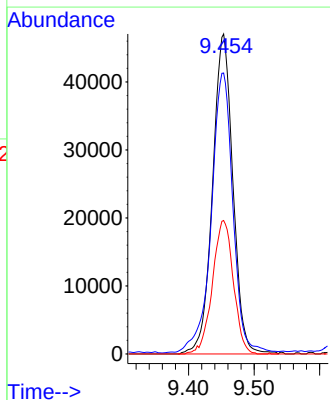
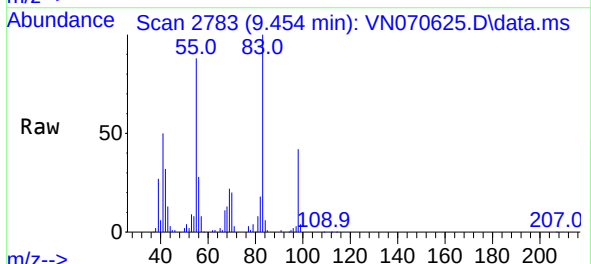
Manual Integrations
APPROVED

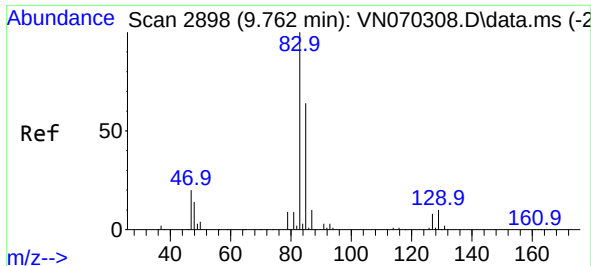
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#39
Methylcyclohexane
Concen: 6.050 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.005 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Tgt Ion: 83 Resp: 101366
Ion Ratio Lower Upper
83 100
55 87.0 58.1 87.1
98 41.7 38.4 57.6





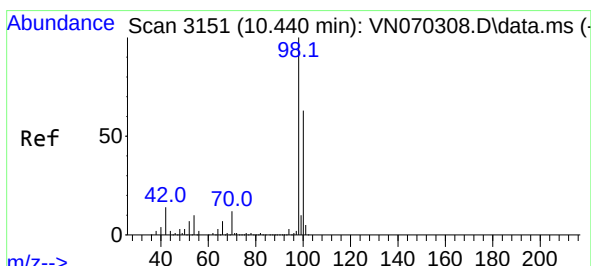
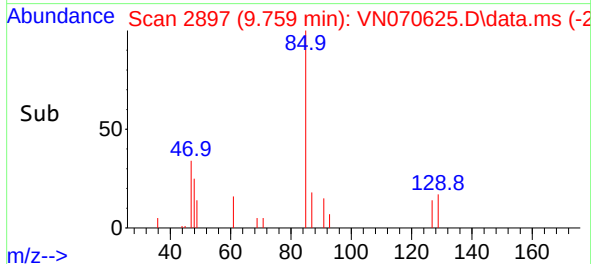
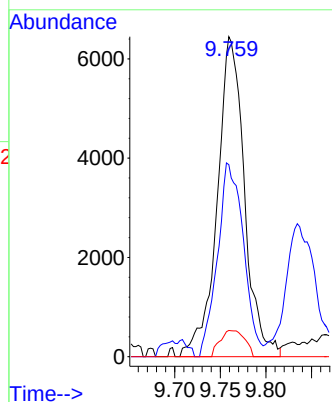
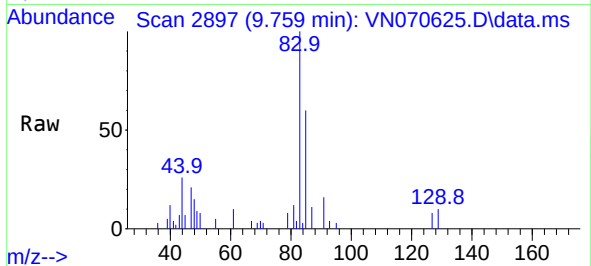
#47
Bromodichloromethane
Concen: 0.951 ug/l
RT: 9.759 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
101224

Tgt Ion: 83 Resp: 1341
Ion Ratio Lower Upper
83 100
85 55.0 50.9 76.3
127 8.2 7.1 10.7

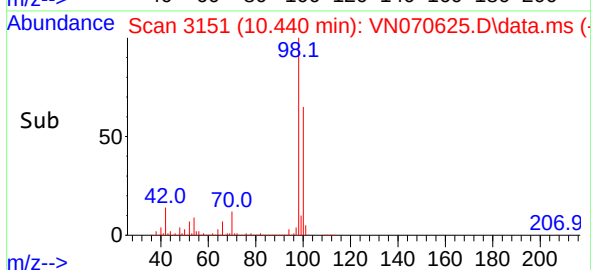
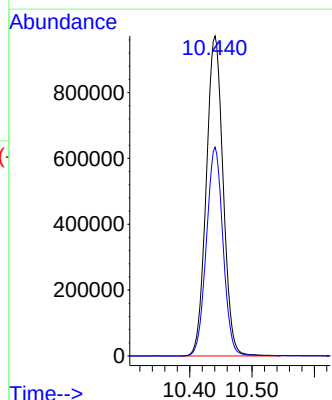
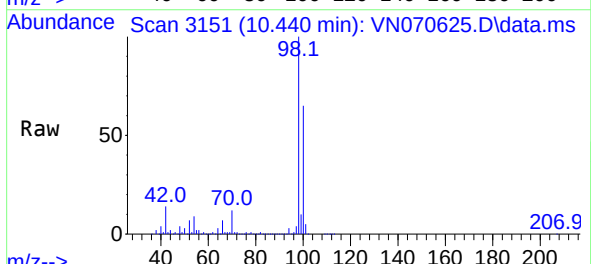
Manual Integrations
APPROVED

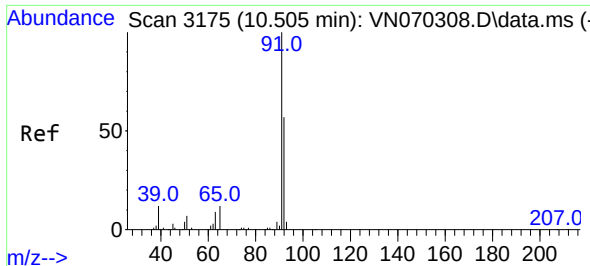
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#50
Toluene-d8
Concen: 53.458 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

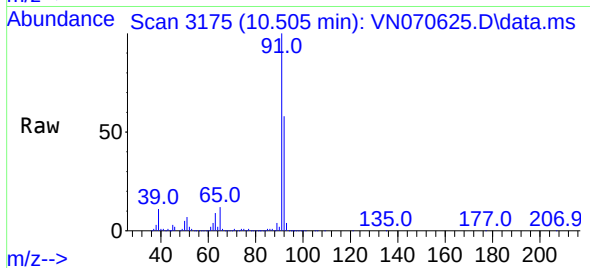
Tgt Ion: 98 Resp: 1826965
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6





#52
Toluene
Concen: 79.981 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

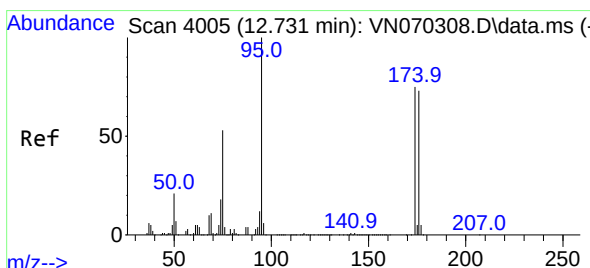
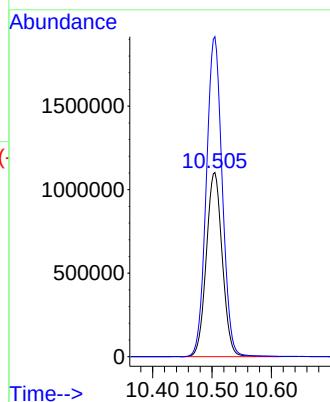
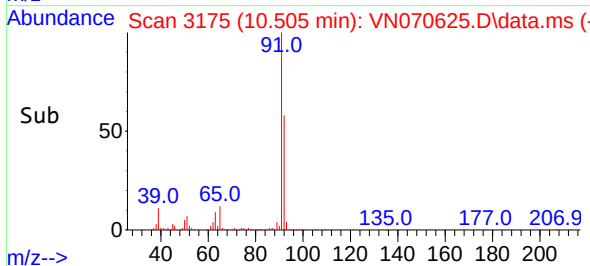
Instrument :
MSVOA_N
ClientSampleId :
101224



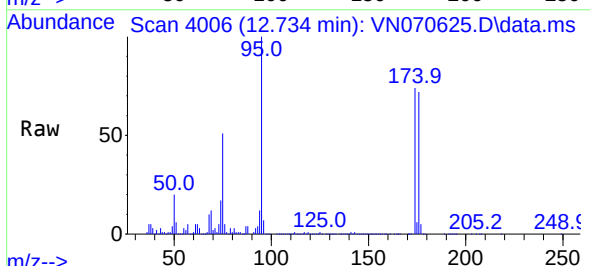
Tgt Ion: 92 Resp: 2054030
Ion Ratio Lower Upper
92 100
91 173.3 142.0 213.0

Manual Integrations
APPROVED

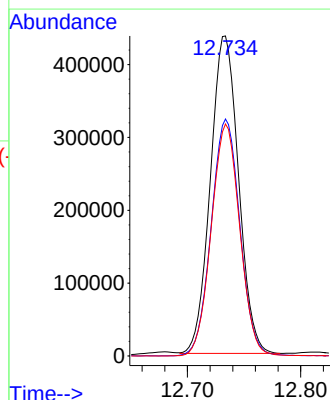
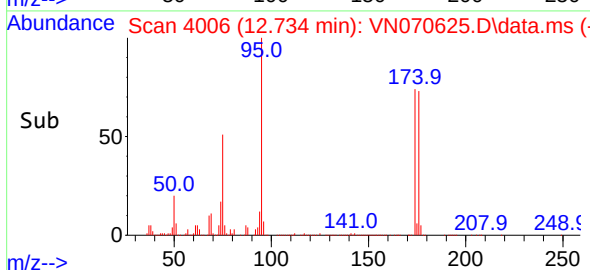
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

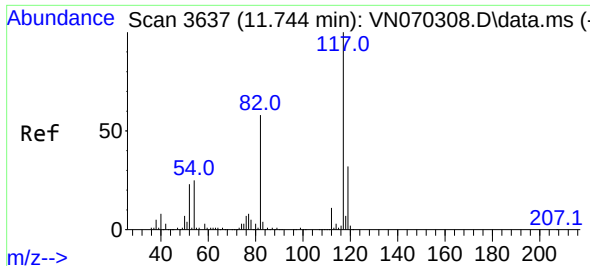


#62
4-Bromofluorobenzene
Concen: 61.022 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



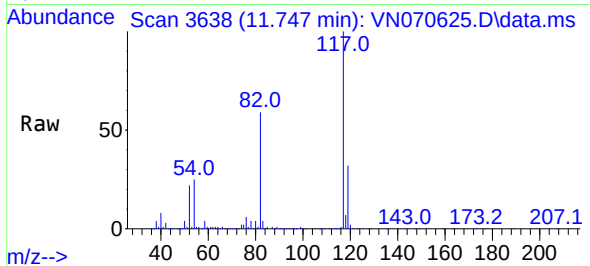
Tgt Ion: 95 Resp: 753227
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

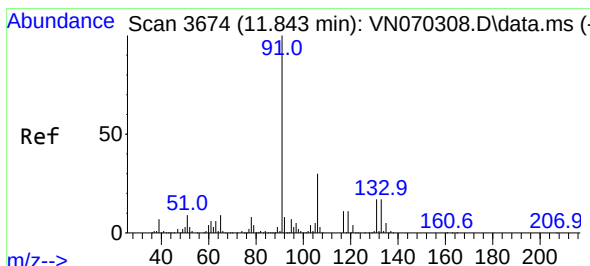
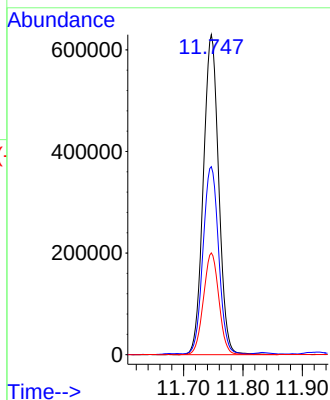
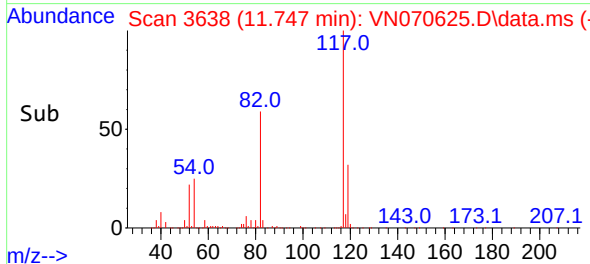
Instrument :
MSVOA_N
ClientSampleId :
101224



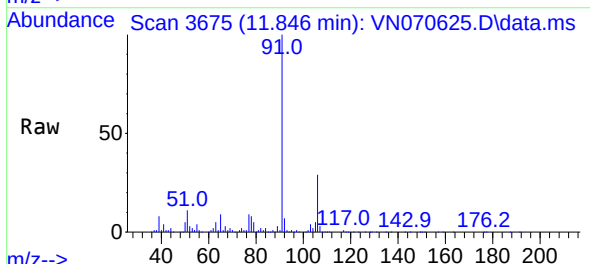
Tgt Ion:117 Resp: 112960
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

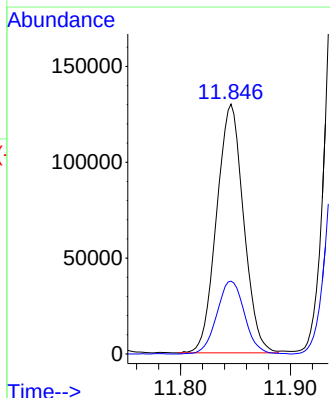
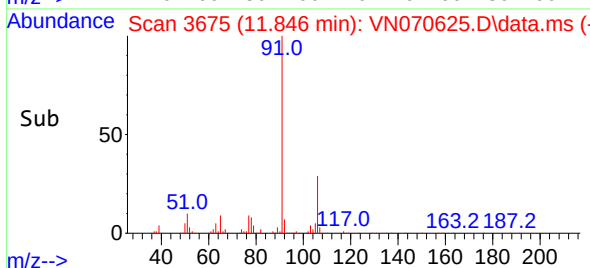
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

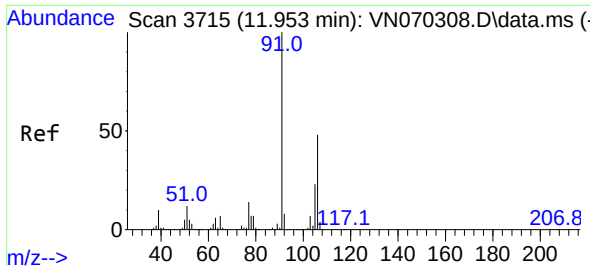


#67
Ethyl Benzene
Concen: 5.040 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



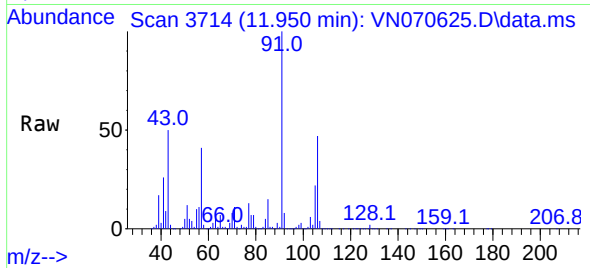
Tgt Ion: 91 Resp: 221347
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5





#68
m/p-Xylenes
Concen: 22.705 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

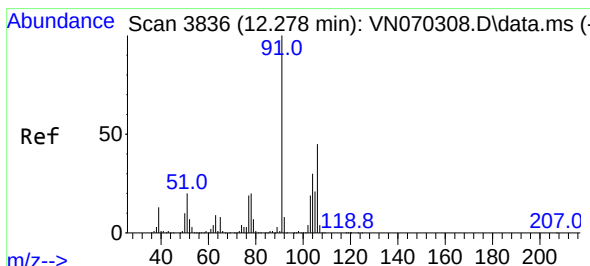
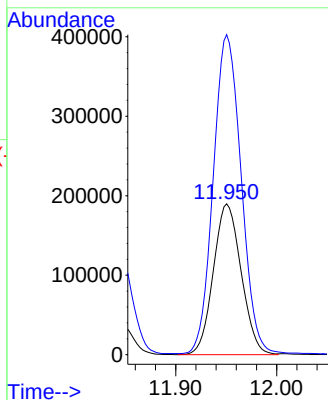
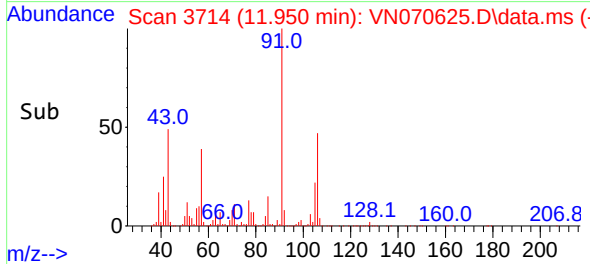
Instrument :
MSVOA_N
ClientSampleId :
101224



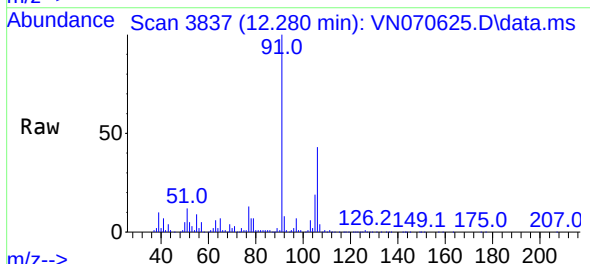
Tgt Ion:106 Resp: 362940
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8

Manual Integrations
APPROVED

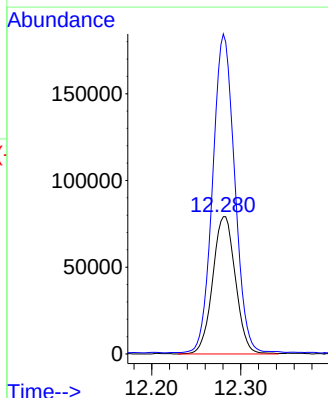
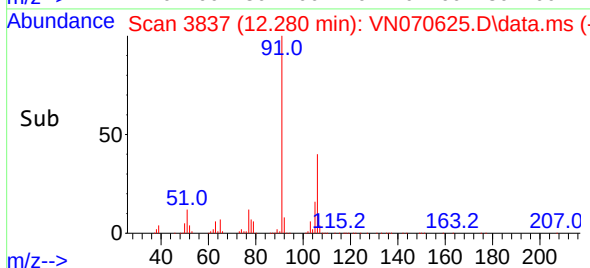
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

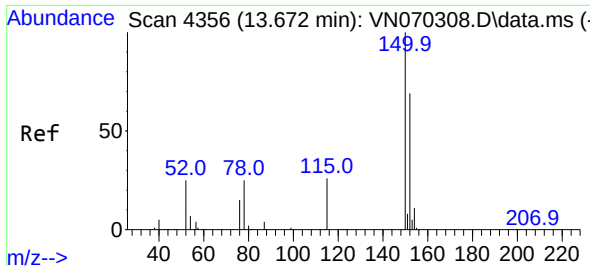


#69
o-Xylene
Concen: 8.862 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



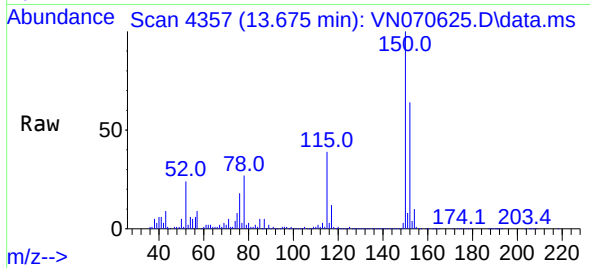
Tgt Ion:106 Resp: 140903
Ion Ratio Lower Upper
106 100
91 223.6 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

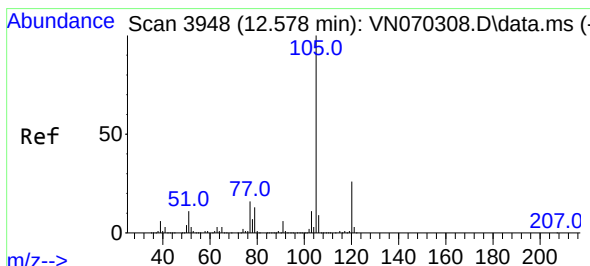
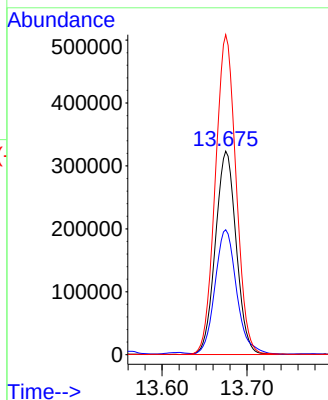
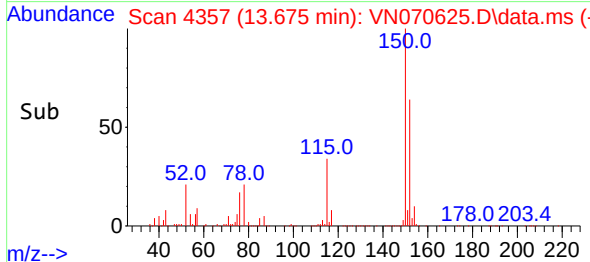
Instrument :
MSVOA_N
ClientSampleId :
101224



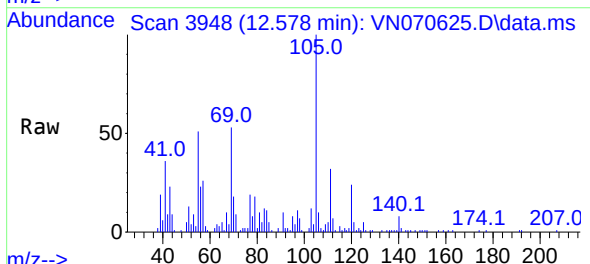
Tgt Ion:152 Resp: 55100
Ion Ratio Lower Upper
152 100
115 63.8 27.5 82.5
150 156.6 0.0 344.4

Manual Integrations
APPROVED

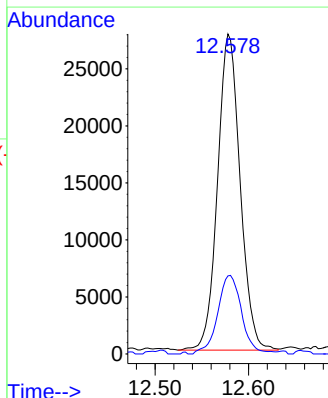
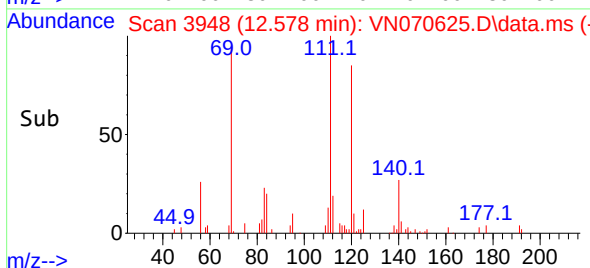
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

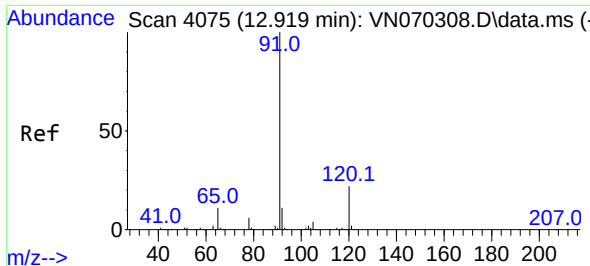


#73
Isopropylbenzene
Concen: 0.909 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



Tgt Ion:105 Resp: 46512
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1





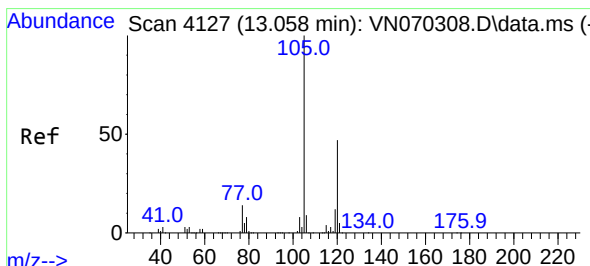
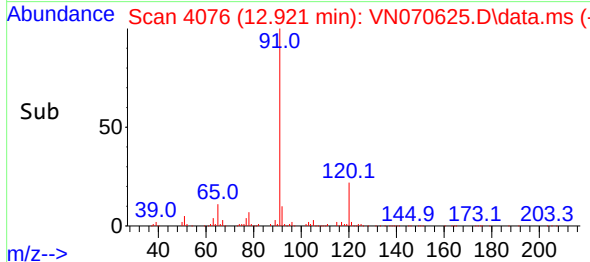
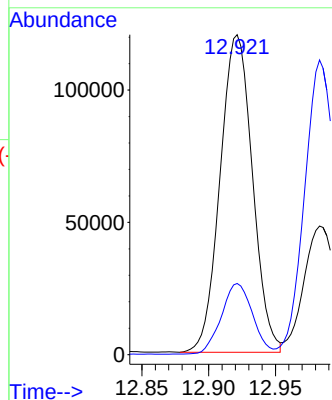
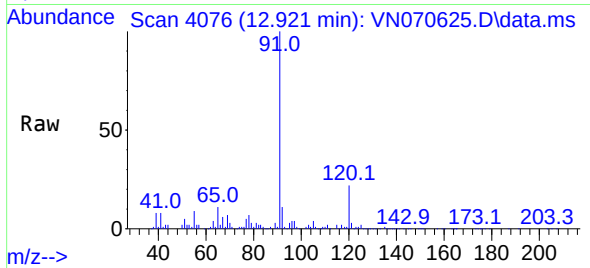
#78
n-propylbenzene
Concen: 3.570 ug/l
RT: 12.921 min Scan# 4075
Delta R.T. 0.002 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
101224

Tgt Ion: 91 Resp: 20240
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

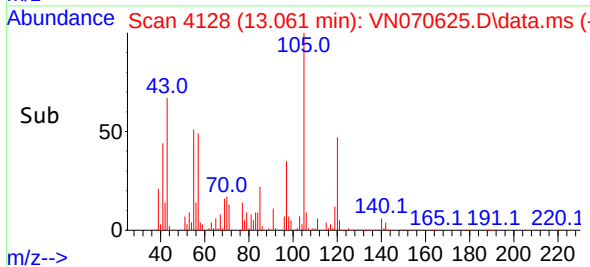
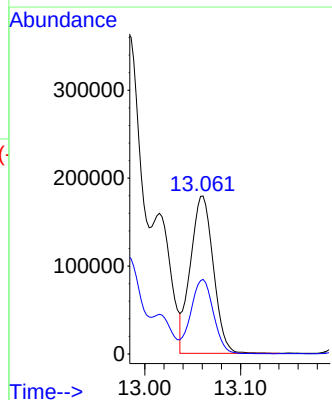
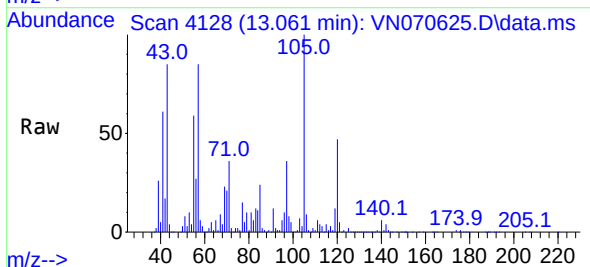
Manual Integrations
APPROVED

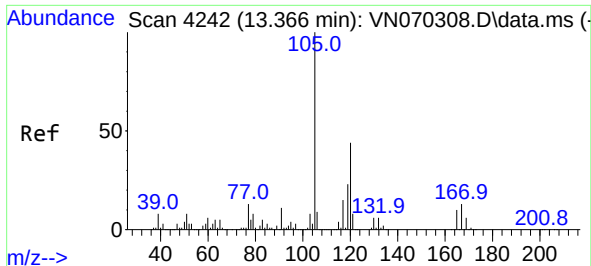
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 7.274 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

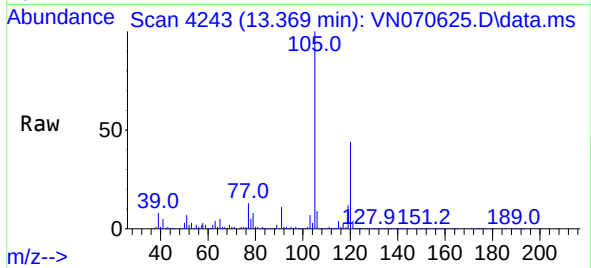
Tgt Ion:105 Resp: 298248
Ion Ratio Lower Upper
105 100
120 45.9 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 27.164 ug/l
RT: 13.369 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

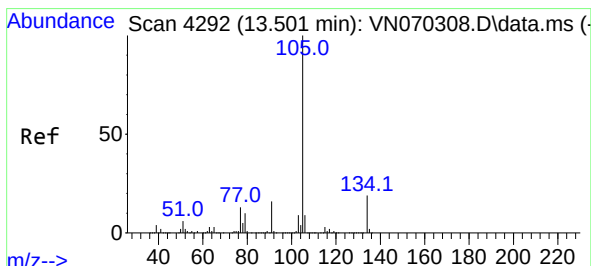
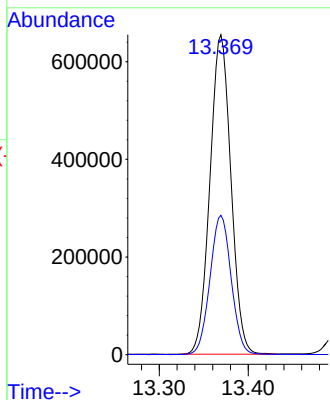
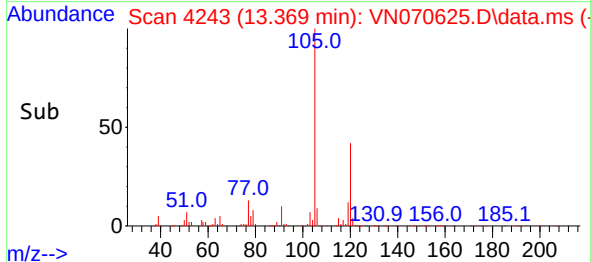
Instrument :
MSVOA_N
ClientSampleId :
101224



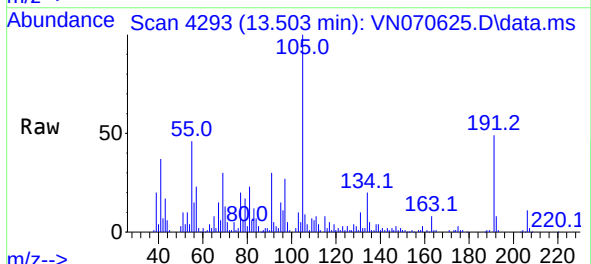
Tgt Ion:105 Resp: 107254
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4

Manual Integrations
APPROVED

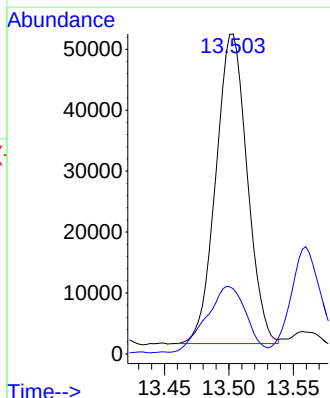
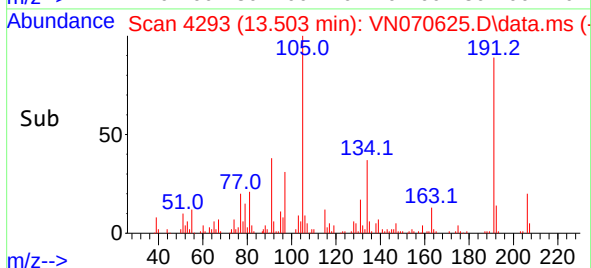
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

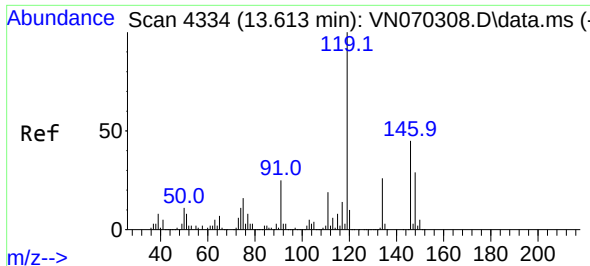


#85
sec-Butylbenzene
Concen: 1.753 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.002 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



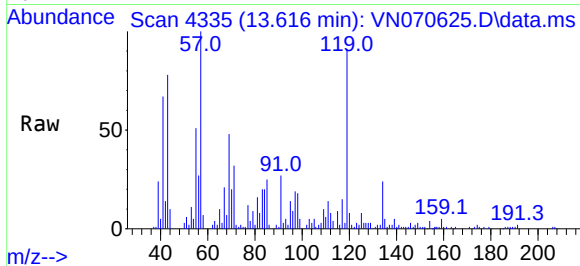
Tgt Ion:105 Resp: 85954
Ion Ratio Lower Upper
105 100
134 26.8 10.4 31.1





#86
p-Isopropyltoluene
Concen: 1.472 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

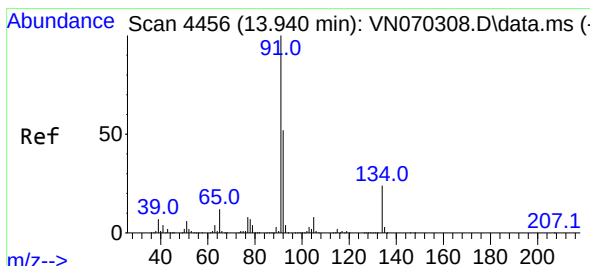
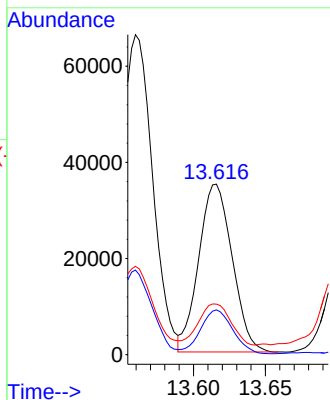
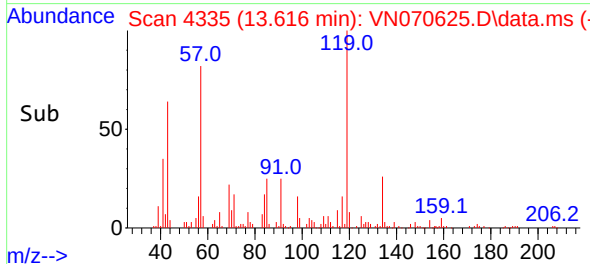
Instrument :
MSVOA_N
ClientSampleId :
101224



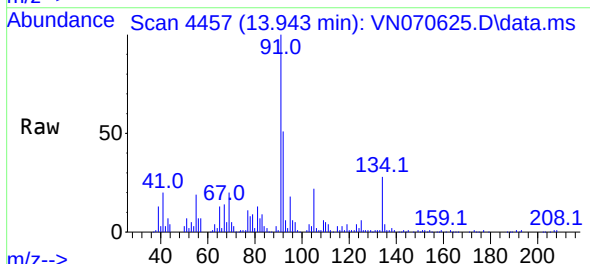
Tgt Ion: 119 Resp: 56690
Ion Ratio Lower Upper
119 100
134 25.0 13.6 40.7
91 23.3 11.4 34.1

Manual Integrations
APPROVED

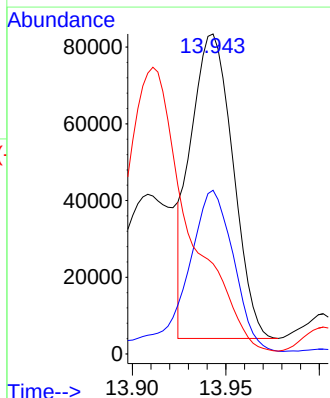
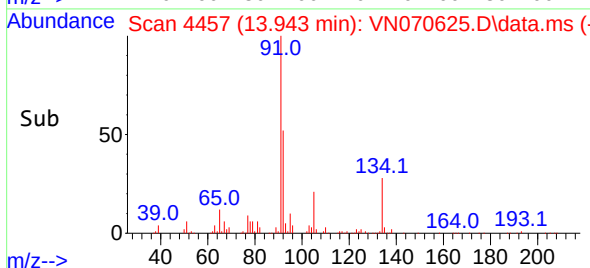
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

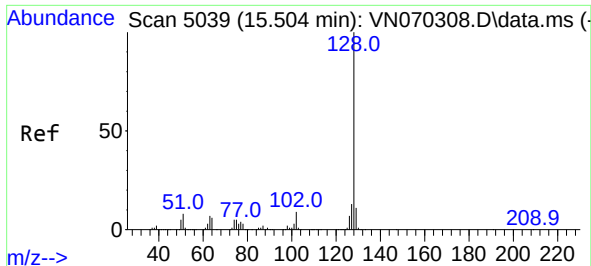


#89
n-Butylbenzene
Concen: 3.872 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04



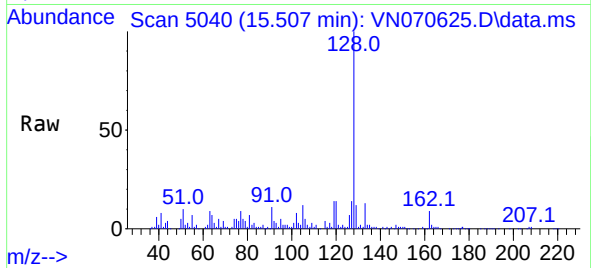
Tgt Ion: 91 Resp: 124377
Ion Ratio Lower Upper
91 100
92 58.4 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 7.760 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070625.D
Acq: 14 Jan 2022 16:04

Instrument :
MSVOA_N
ClientSampleId :
101224



Tgt Ion:128 Resp: 155293
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 8.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

