

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075685.D
 Acq On : 10 Dec 2022 03:11
 Operator : JC\MD
 Sample : N5989-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/12/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 12 04:24:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	213077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	353793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	315079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119438	52.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.660%			
35) Dibromofluoromethane	8.177	113	108082	50.072	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.571	98	410759	50.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.853	95	132048	47.643	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	31568	94.385	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	6920m	1.127	ug/l	
22) Diisopropyl ether	6.694	45	7203	1.393	ug/l	92
31) Cyclohexane	8.265	56	11045	3.300	ug/l	84
39) Methylcyclohexane	9.612	83	2073	0.570	ug/l	88
40) Benzene	8.612	78	8301	0.944	ug/l	91
68) m/p-Xylenes	12.071	106	1655	0.373	ug/l	84
73) Isopropylbenzene	12.700	105	4073	0.398	ug/l	99
78) n-propylbenzene	13.035	91	4229	0.372	ug/l	89
89) n-Butylbenzene	14.053	91	2555	0.357	ug/l	96

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

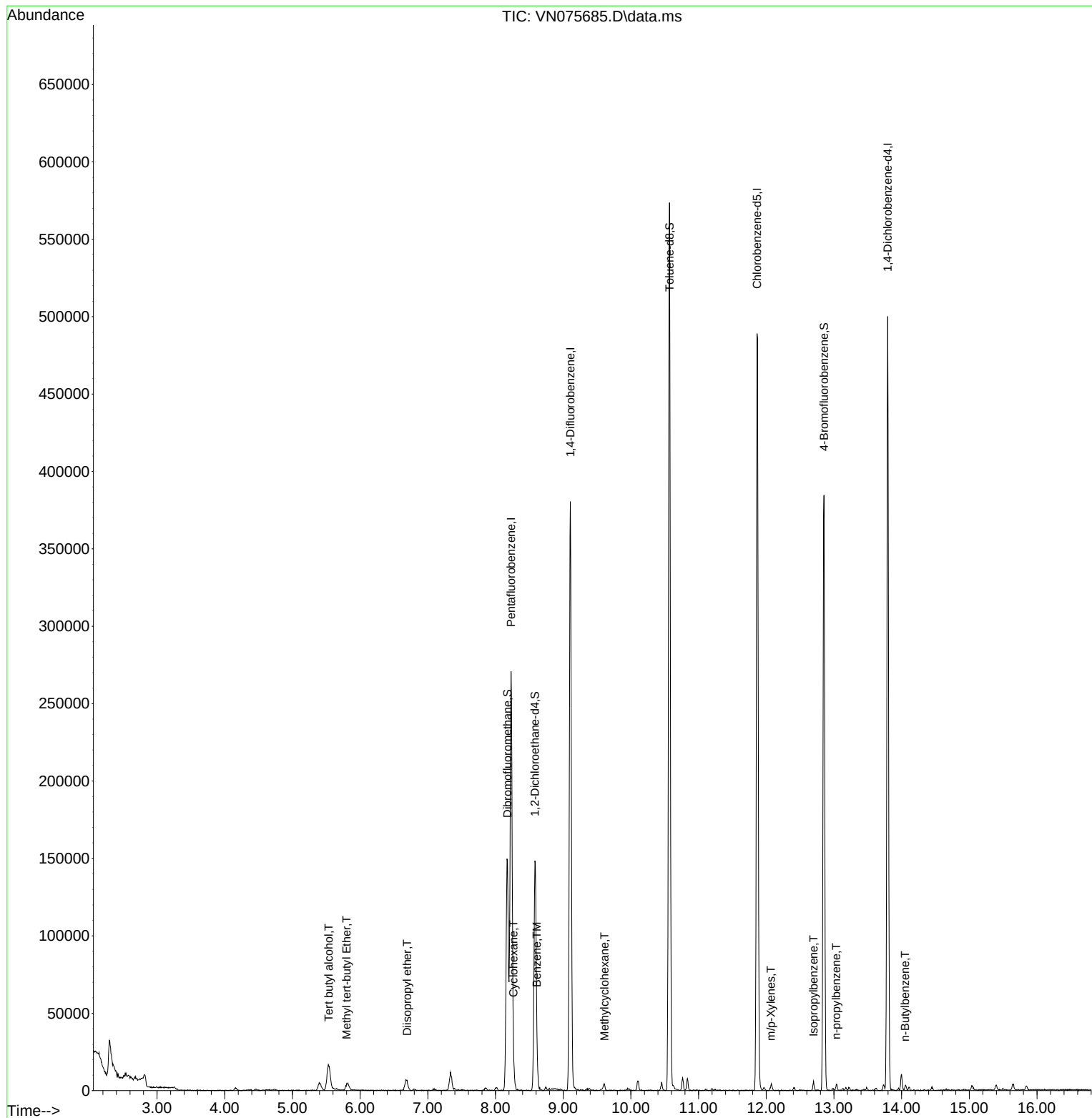
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN075685.D
Acq On : 10 Dec 2022 03:11
Operator : JC\MD
Sample : N5989-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

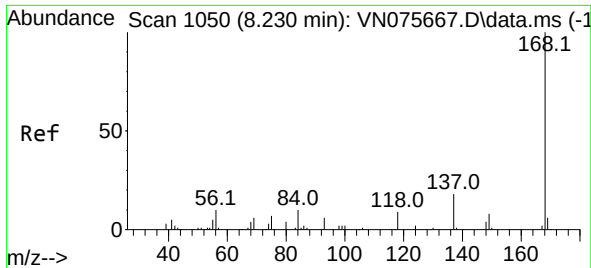
Instrument :
MSVOA_N
ClientSampleId :
MW-11

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

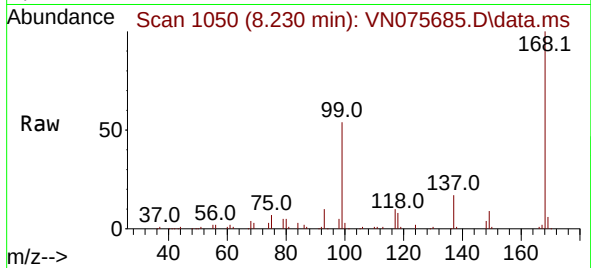
Quant Time: Dec 12 04:24:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

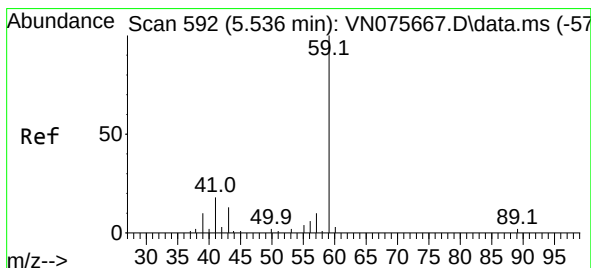
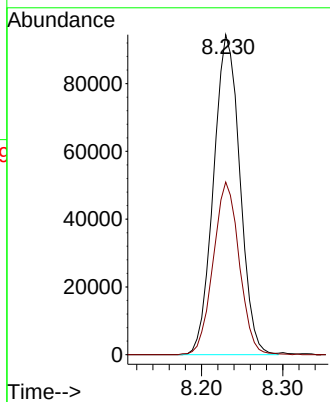
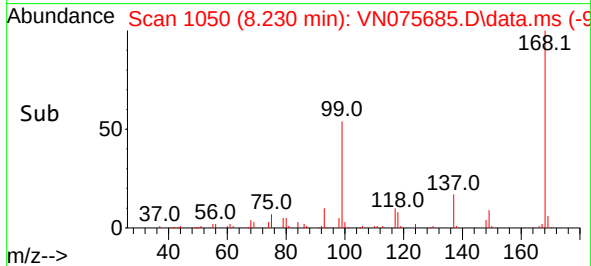
Instrument :
MSVOA_N
ClientSampleId :
MW-11



Tgt Ion:168 Resp: 21307
Ion Ratio Lower Upper
168 100
99 54.0 41.2 61.8

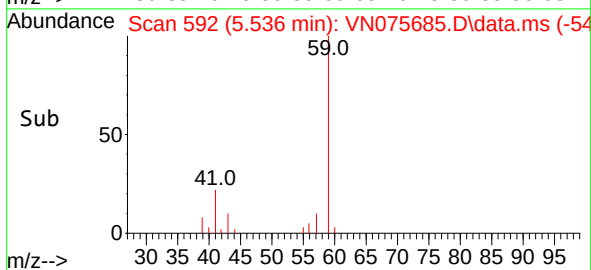
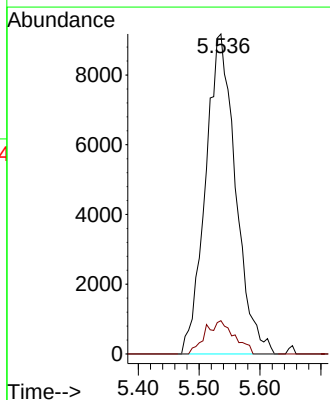
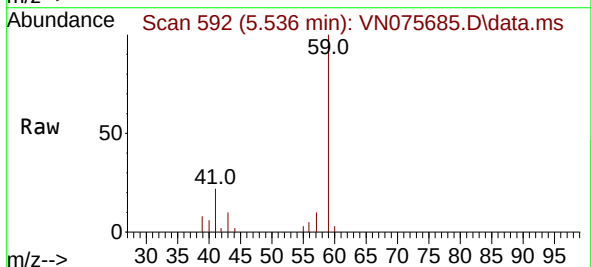
Manual Integrations
APPROVED

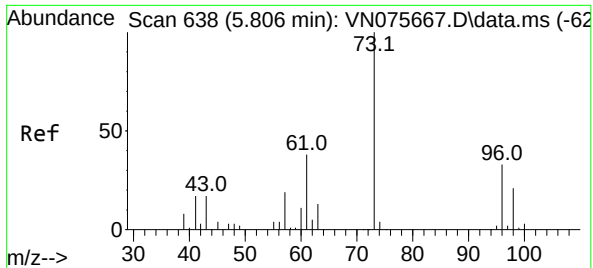
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#11
Tert butyl alcohol
Concen: 94.385 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

Tgt Ion: 59 Resp: 31568
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4





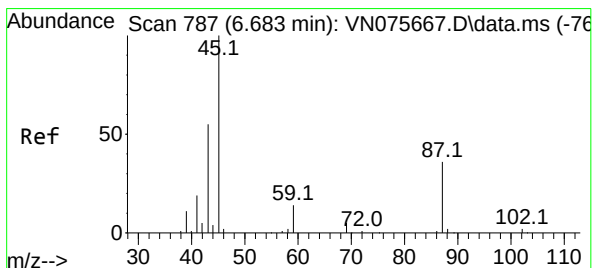
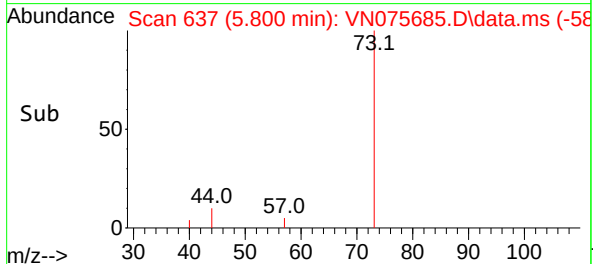
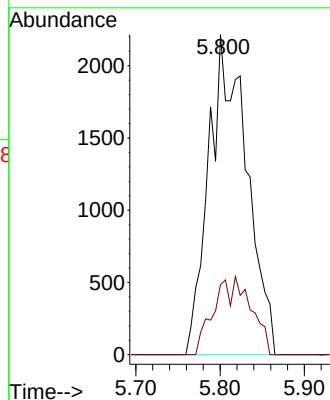
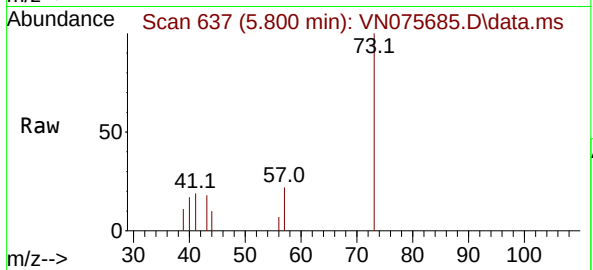
#19
Methyl tert-butyl Ether
Concen: 1.127 ug/l m
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion: 73 Resp: 6920
Ion Ratio Lower Upper
73 100
57 21.9 15.1 22.7

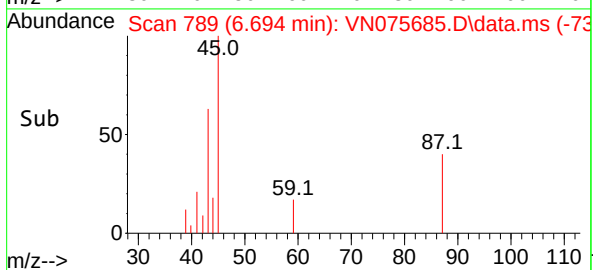
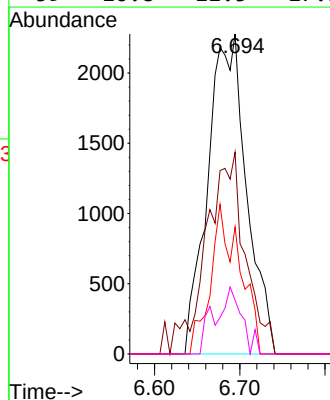
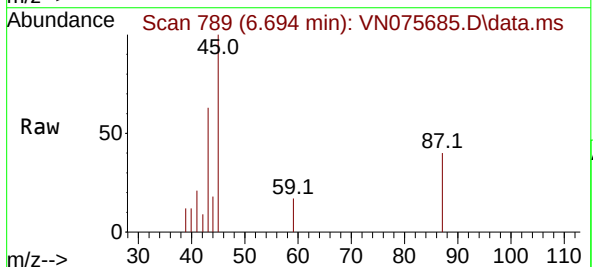
Manual Integrations
APPROVED

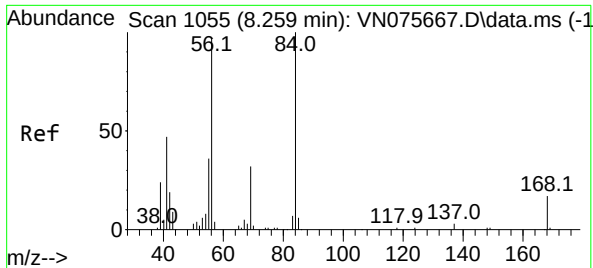
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#22
Diisopropyl ether
Concen: 1.393 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.012 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

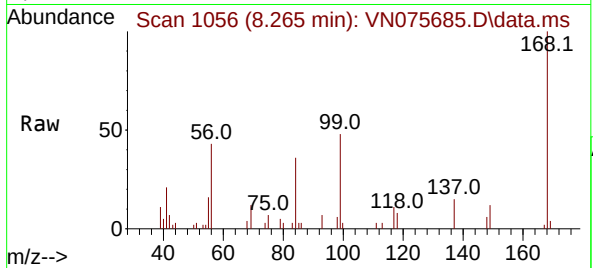
Tgt Ion: 45 Resp: 7203
Ion Ratio Lower Upper
45 100
43 63.1 44.9 67.3
87 39.7 28.8 43.2
59 16.8 11.5 17.3





#31
Cyclohexane
Concen: 3.300 ug/l
RT: 8.265 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

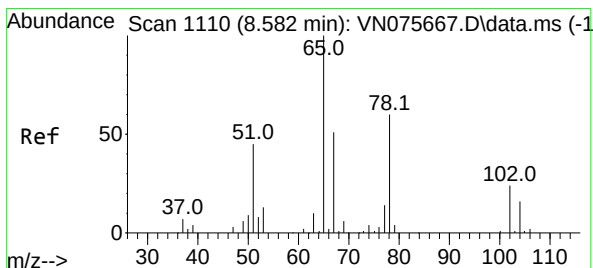
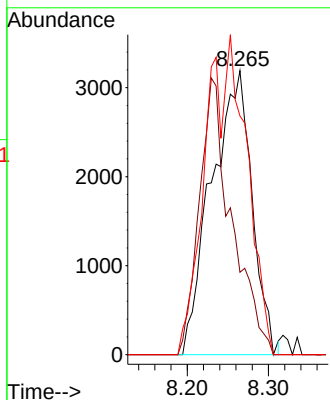
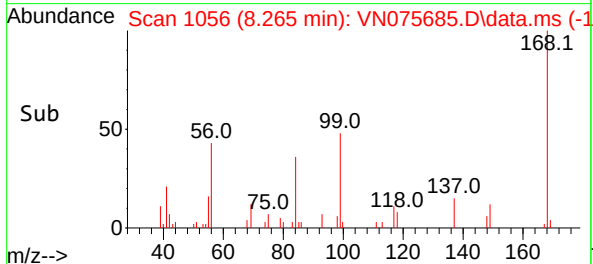
Instrument :
MSVOA_N
ClientSampleId :
MW-11



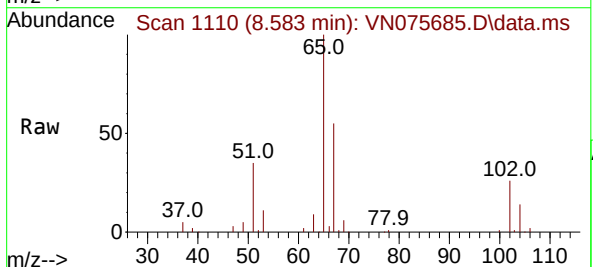
Tgt Ion: 56 Resp: 1104
Ion Ratio Lower Upper
56 100
69 29.0 26.2 39.2
84 84.1 82.8 124.2

Manual Integrations
APPROVED

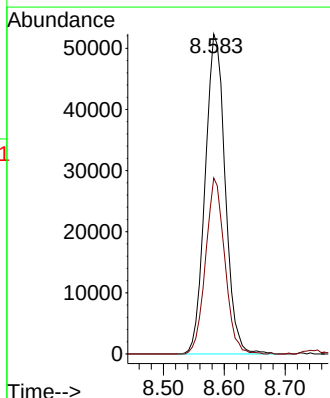
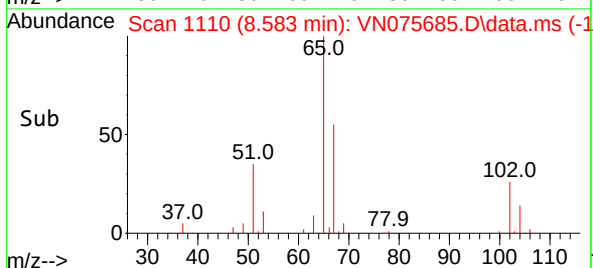
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

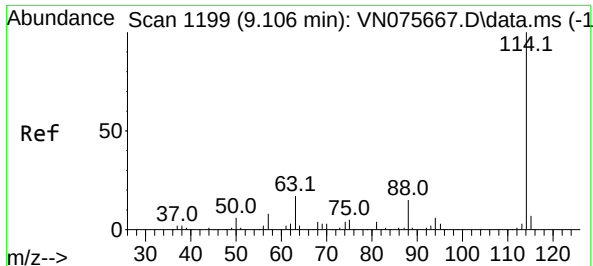


#33
1,2-Dichloroethane-d4
Concen: 52.830 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11



Tgt Ion: 65 Resp: 119438
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075685.D

Acq: 10 Dec 2022 03:11

Instrument :

MSVOA_N

ClientSampleId :

MW-11

Tgt Ion:114 Resp: 35379

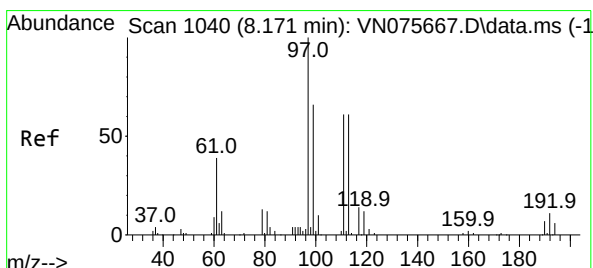
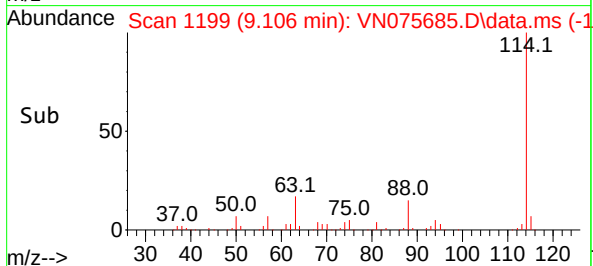
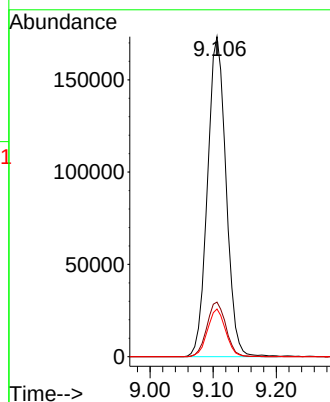
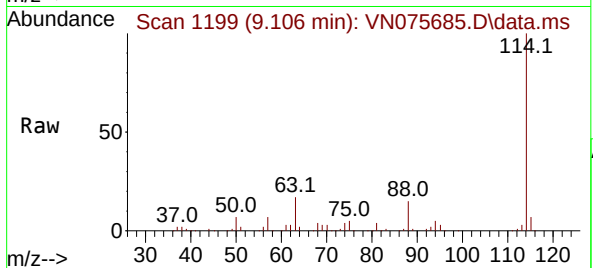
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.4
88	14.9	0.0	29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#35

Dibromofluoromethane

Concen: 50.072 ug/l

RT: 8.177 min Scan# 1041

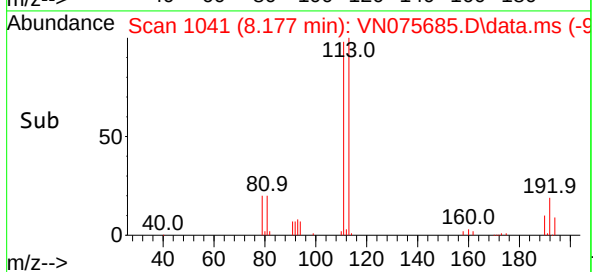
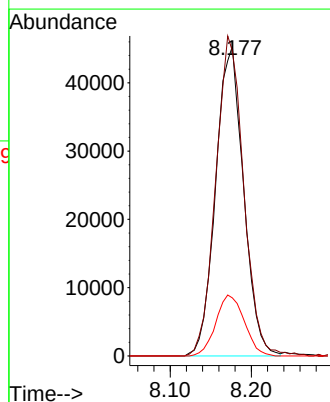
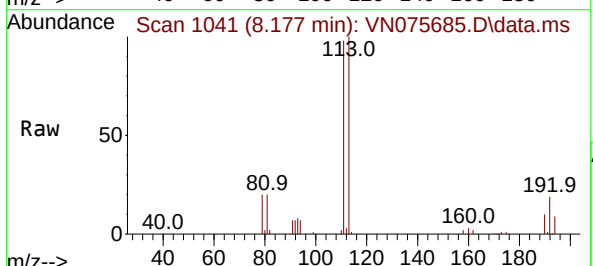
Delta R.T. 0.006 min

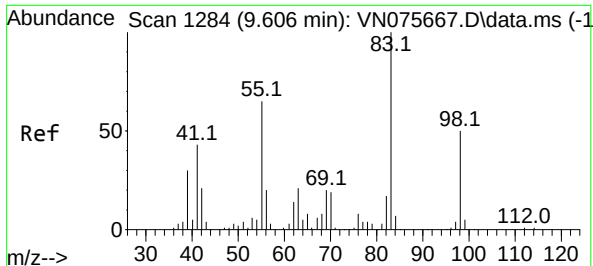
Lab File: VN075685.D

Acq: 10 Dec 2022 03:11

Tgt Ion:113 Resp: 108082

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.0	121.6
192	20.1	16.2	24.2





#39

Methylcyclohexane

Concen: 0.570 ug/l

RT: 9.612 min Scan# 11285

Delta R.T. 0.006 min

Lab File: VN075685.D

Acq: 10 Dec 2022 03:11

Instrument :

MSVOA_N

ClientSampleId :

MW-11

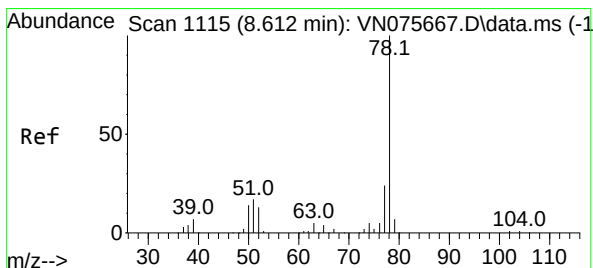
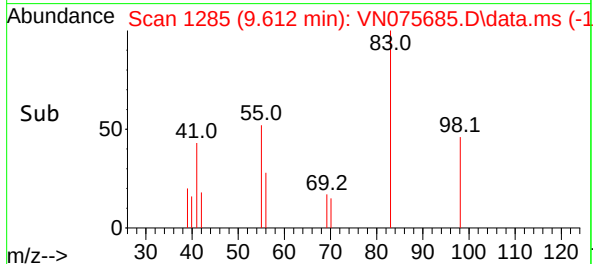
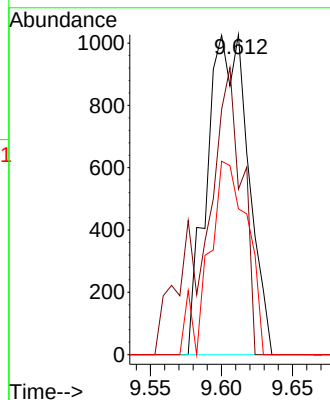
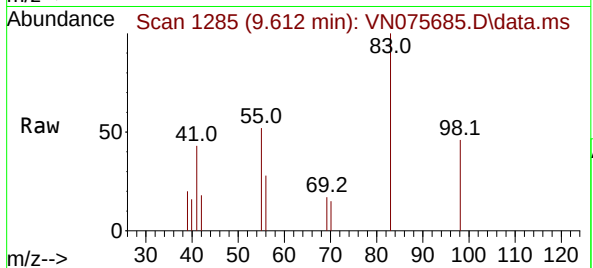
Tgt Ion: 83	Resp: 207
Ion Ratio	Lower Upper
83 100	
55 51.7	51.6 77.4
98 45.6	39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 0.944 ug/l

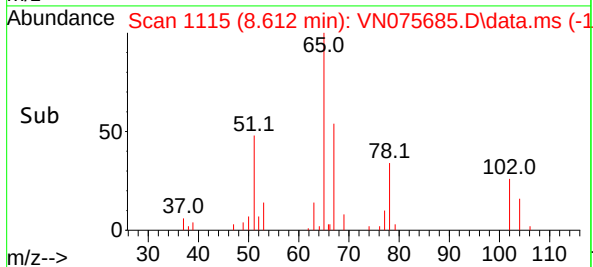
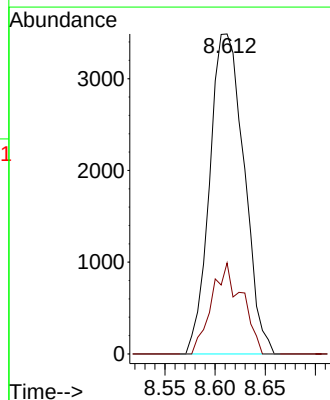
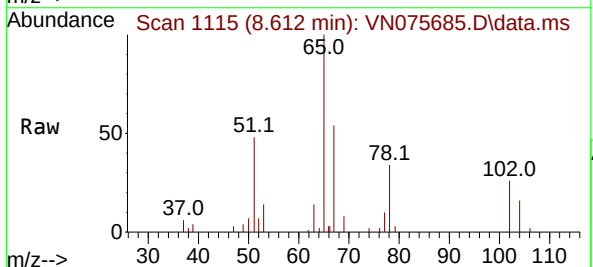
RT: 8.612 min Scan# 1115

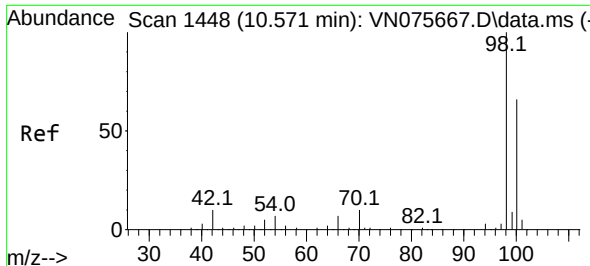
Delta R.T. 0.000 min

Lab File: VN075685.D

Acq: 10 Dec 2022 03:11

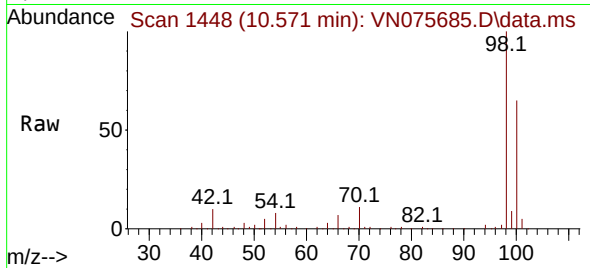
Tgt Ion: 78	Resp: 8301
Ion Ratio	Lower Upper
78 100	
77 28.5	19.1 28.7





#50
Toluene-d8
Concen: 50.672 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

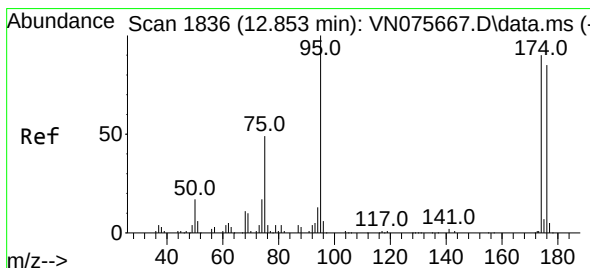
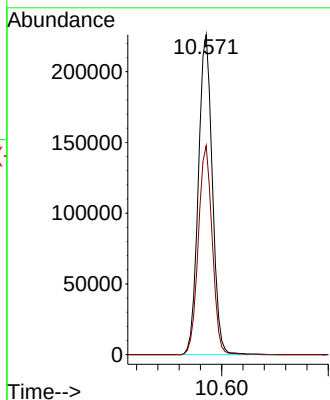
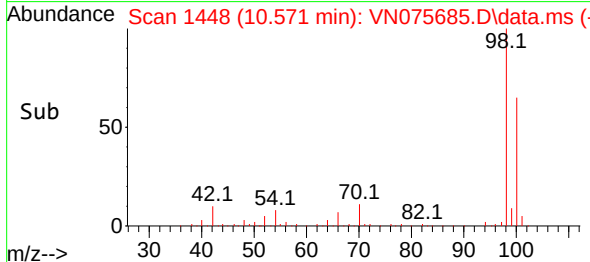
Instrument :
MSVOA_N
ClientSampleId :
MW-11



Tgt Ion: 98 Resp: 410759
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

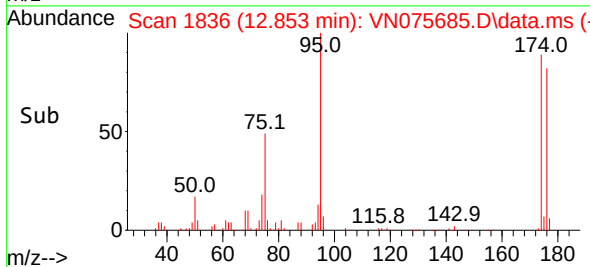
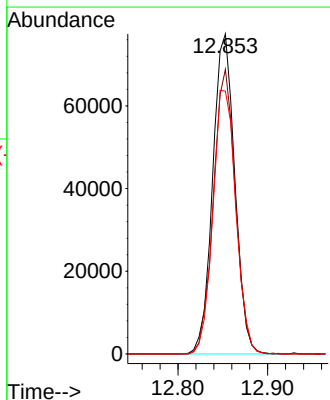
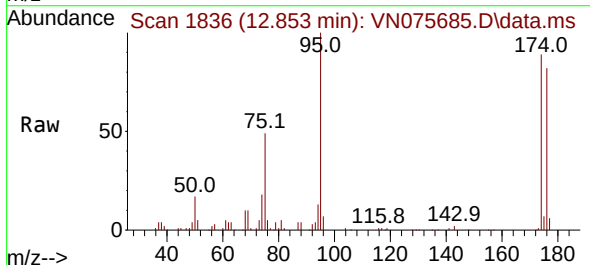
Manual Integrations
APPROVED

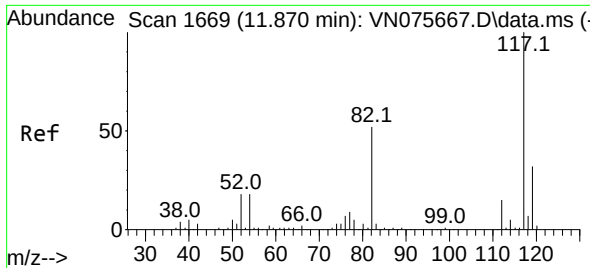
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 47.643 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

Tgt Ion: 95 Resp: 132048
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.6
176 86.0 0.0 170.8





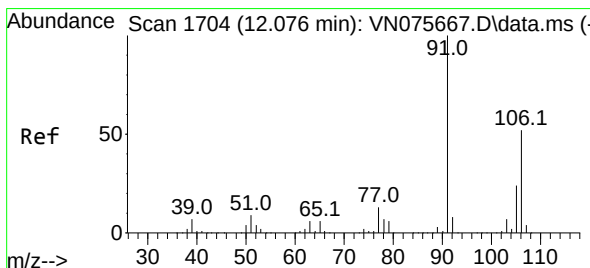
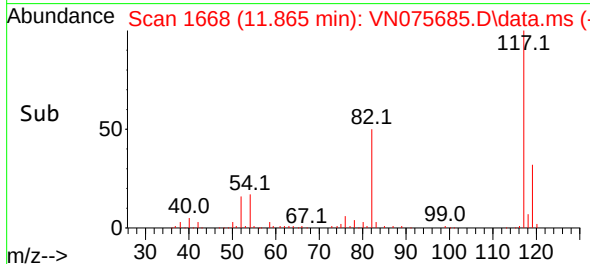
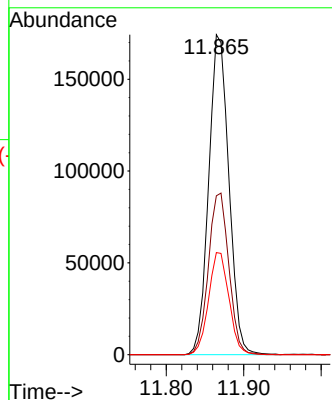
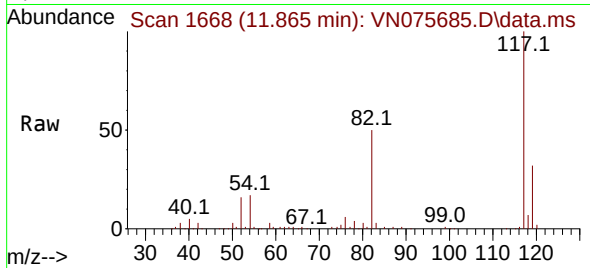
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:117 Resp: 315079
Ion Ratio Lower Upper
117 100
82 49.7 41.8 62.8
119 31.9 25.8 38.6

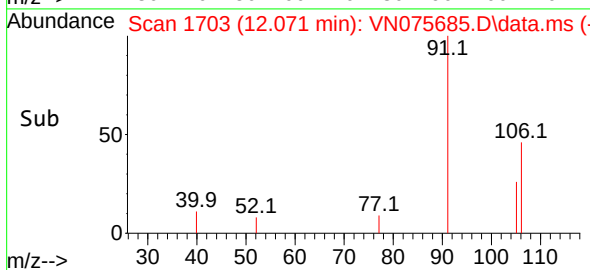
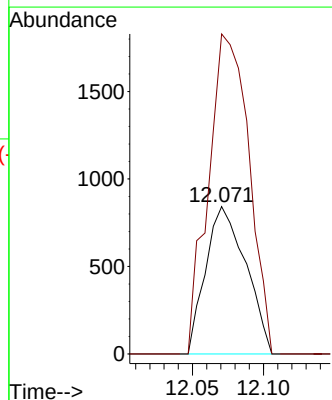
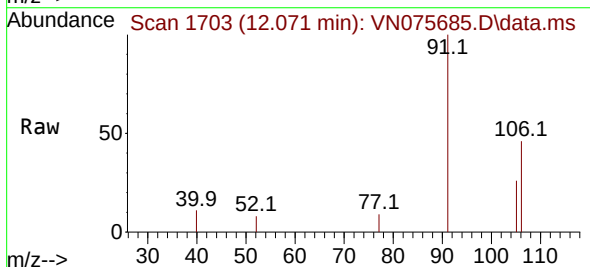
Manual Integrations
APPROVED

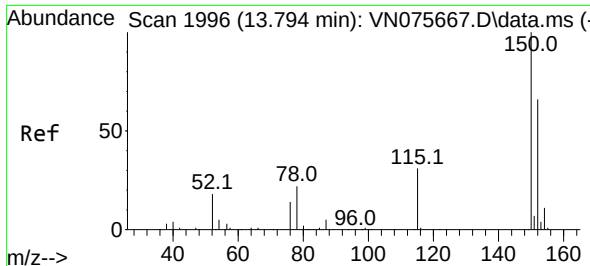
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#68
m/p-Xylenes
Concen: 0.373 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

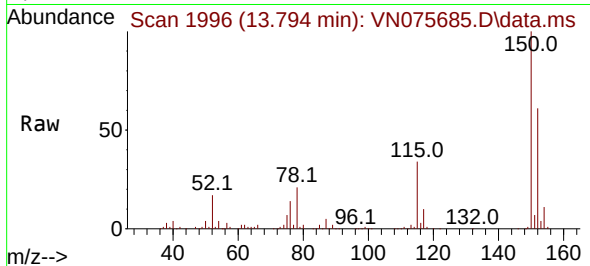
Tgt Ion:106 Resp: 1655
Ion Ratio Lower Upper
106 100
91 219.6 156.2 234.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

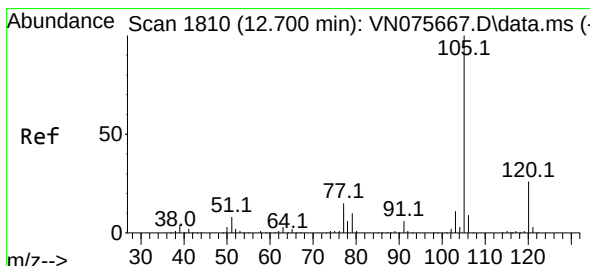
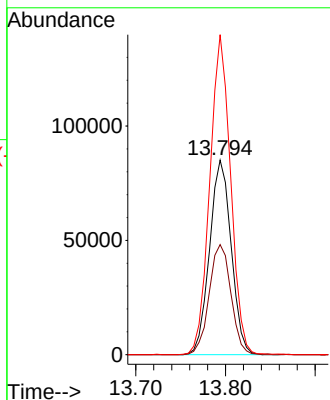
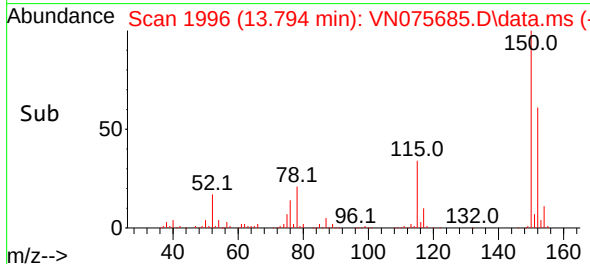
Instrument :
MSVOA_N
ClientSampleId :
MW-11



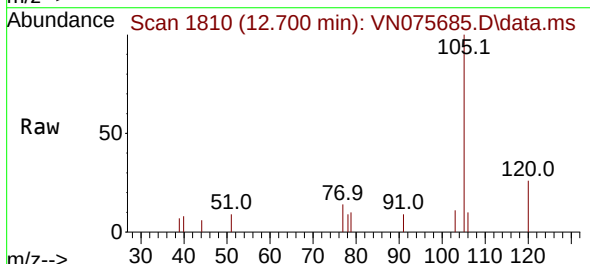
Tgt Ion:152 Resp: 142514
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 158.0 0.0 347.6

Manual Integrations
APPROVED

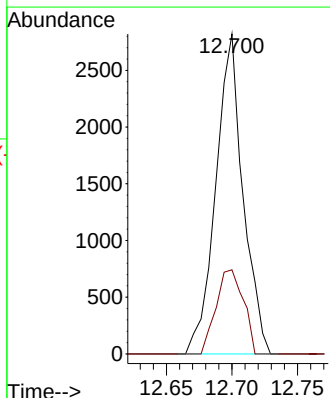
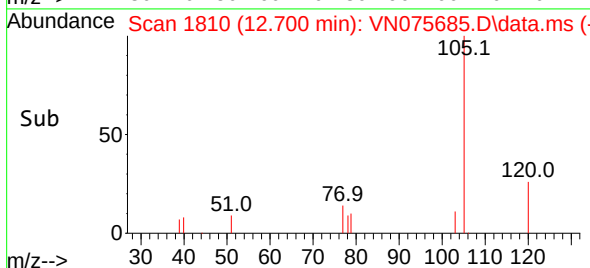
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

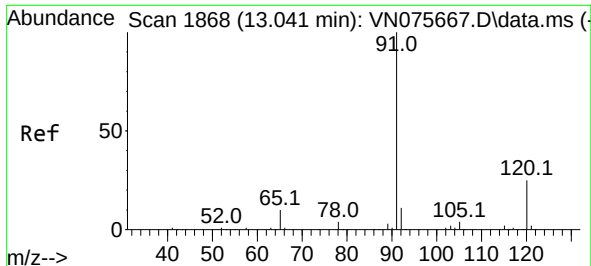


#73
Isopropylbenzene
Concen: 0.398 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11



Tgt Ion:105 Resp: 4073
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2





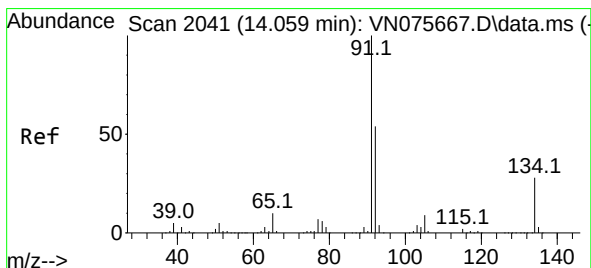
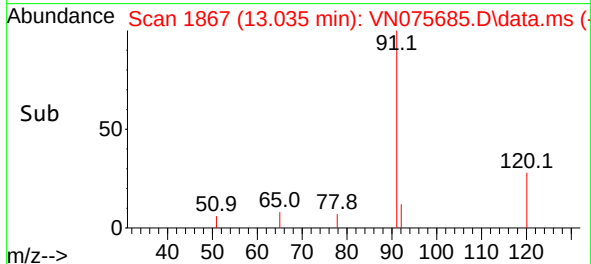
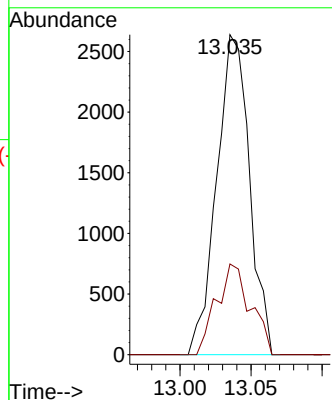
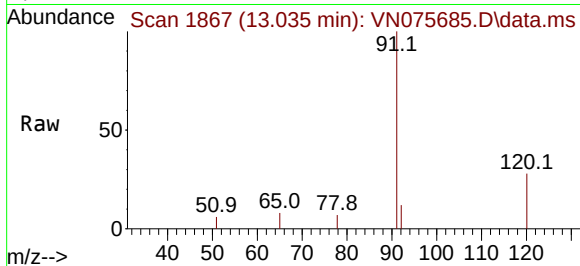
#78
n-propylbenzene
Concen: 0.372 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion: 91 Resp: 4229
Ion Ratio Lower Upper
91 100
120 29.5 12.1 36.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#89
n-Butylbenzene
Concen: 0.357 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN075685.D
Acq: 10 Dec 2022 03:11

Tgt Ion: 91 Resp: 2555
Ion Ratio Lower Upper
91 100
92 55.2 26.7 80.1
134 23.6 13.9 41.7

