

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076098.D
 Acq On : 04 Jan 2023 21:56
 Operator : JC\MD
 Sample : 01019-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33885

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 01:30:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	350690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	474143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	225180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	175039	45.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.760%		
35) Dibromofluoromethane	8.177	113	164004	48.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	10.571	98	626964	49.450	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.900%		
62) 4-Bromofluorobenzene	12.853	95	205379	48.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds					Qvalue	
16) Acetone	4.453	43	11489	8.736	ug/l #	84
19) Methyl tert-butyl Ether	5.812	73	3934	0.384	ug/l	94
40) Benzene	8.612	78	54880	3.949	ug/l	95
52) Toluene	10.635	92	172327	19.038	ug/l	97
67) Ethyl Benzene	11.965	91	124632	7.588	ug/l	99
68) m/p-Xylenes	12.071	106	242577	37.315	ug/l	99
69) o-Xylene	12.400	106	154064	23.948	ug/l	99
73) Isopropylbenzene	12.700	105	24291	1.493	ug/l	94
78) n-propylbenzene	13.041	91	175283	9.766	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	416941	30.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1689344	125.036	ug/l	100
85) sec-Butylbenzene	13.618	105	29190m	1.761	ug/l	
86) p-Isopropyltoluene	13.729	119	21529m	1.561	ug/l	
89) n-Butylbenzene	14.059	91	32204	2.882	ug/l #	74
95) Naphthalene	15.641	128	242216	21.081	ug/l	99

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

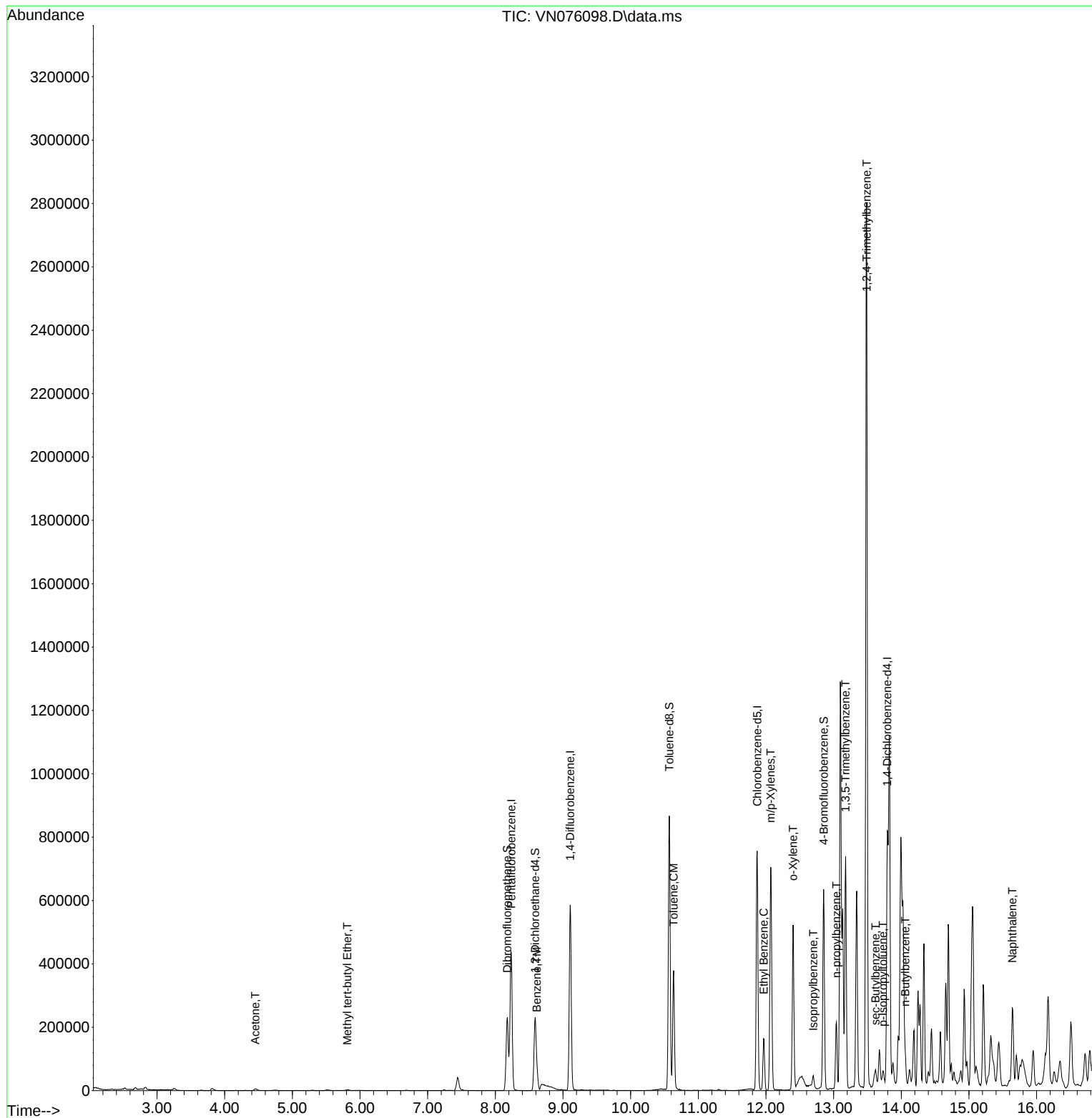
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076098.D
Acq On : 04 Jan 2023 21:56
Operator : JC\MD
Sample : 01019-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

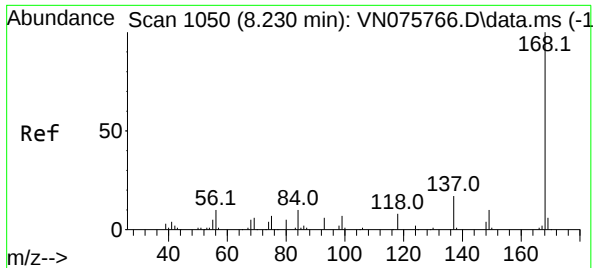
Instrument :
MSVOA_N
ClientSampleId :
33885

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/05/2023
Supervised By : Mahesh Dadoda 01/05/2023

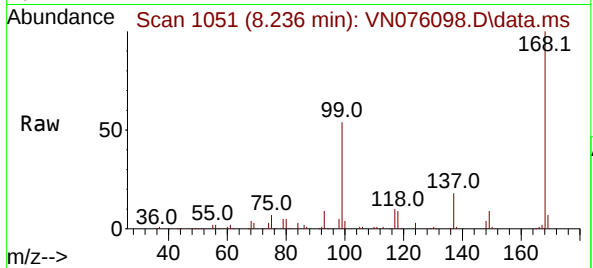
Quant Time: Jan 05 01:30:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

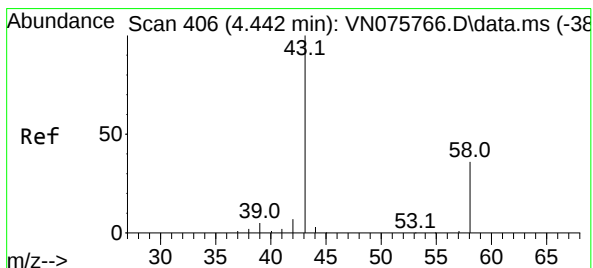
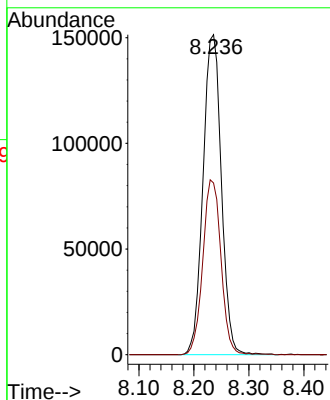
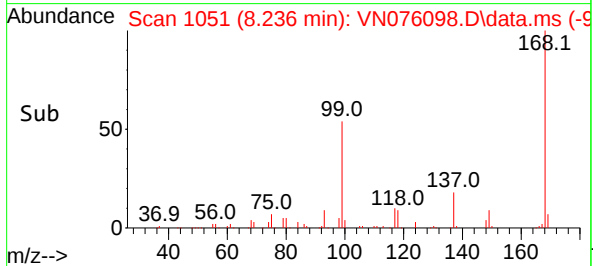
Instrument :
MSVOA_N
Client Sample Id :
33885



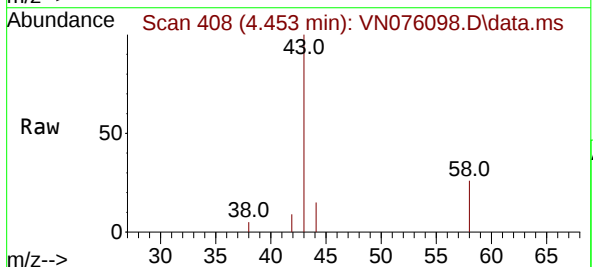
Tgt Ion: 168 Resp: 350690
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4

Manual Integrations
APPROVED

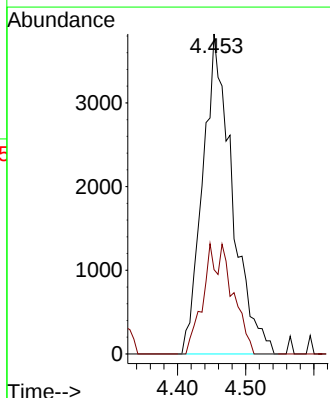
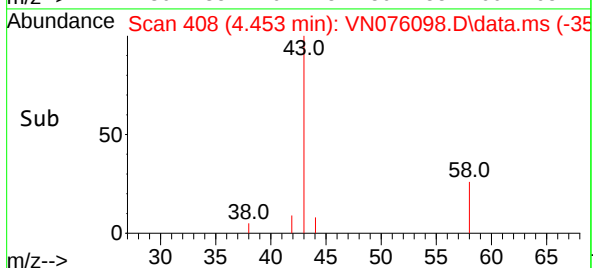
Reviewed By : John Carlone 01/05/2023
Supervised By : Mahesh Dadoda 01/05/2023

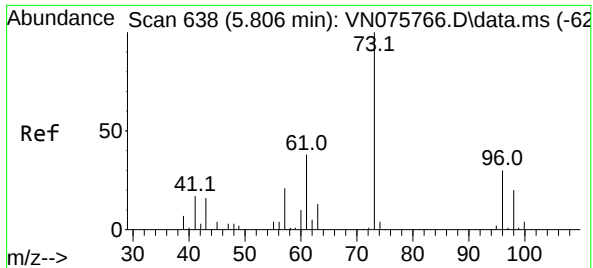


#16
Acetone
Concen: 8.736 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56



Tgt Ion: 43 Resp: 11489
Ion Ratio Lower Upper
43 100
58 26.4 28.6 43.0#





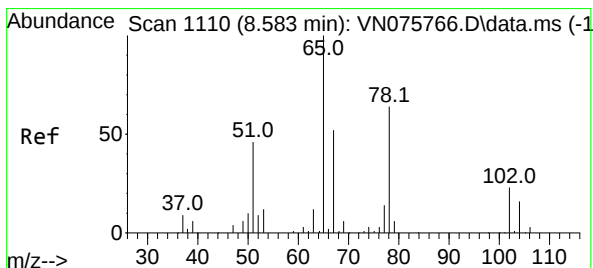
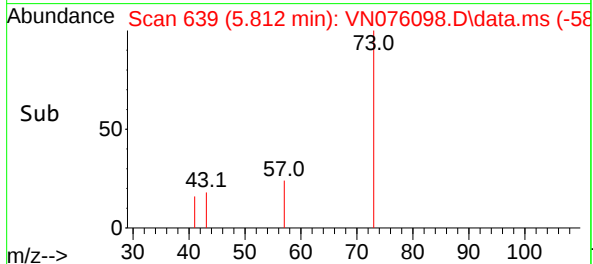
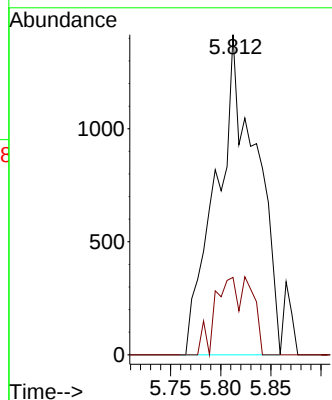
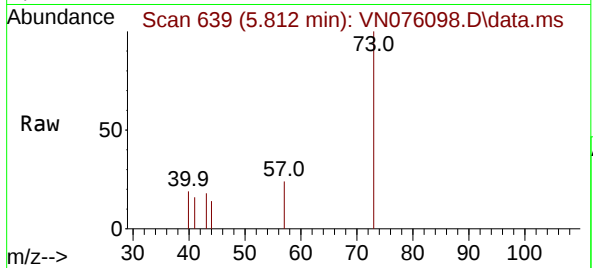
#19
Methyl tert-butyl Ether
Concen: 0.384 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

Instrument :
MSVOA_N
ClientSampleId :
33885

Tgt Ion: 73 Resp: 3934
Ion Ratio Lower Upper
73 100
57 24.2 17.1 25.7

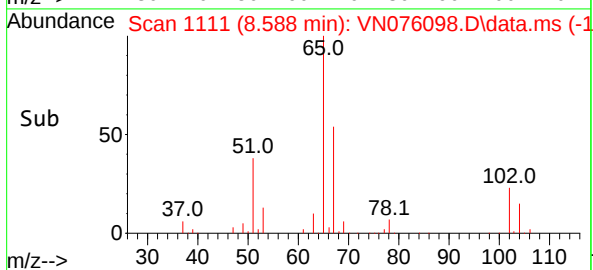
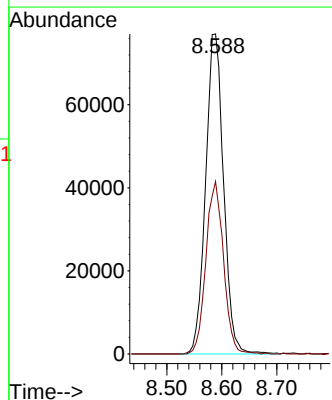
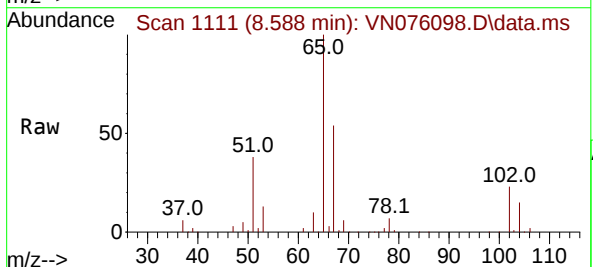
Manual Integrations
APPROVED

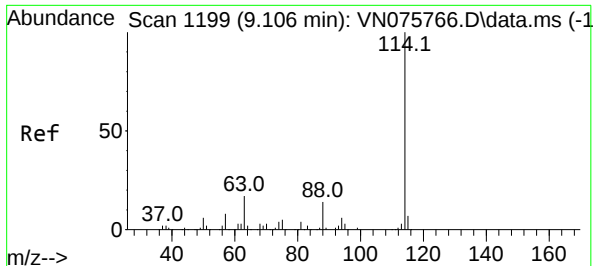
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#33
1,2-Dichloroethane-d4
Concen: 45.880 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

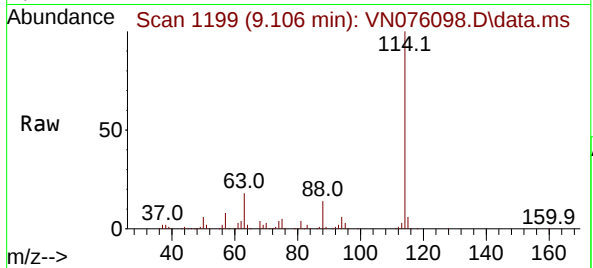
Tgt Ion: 65 Resp: 175039
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

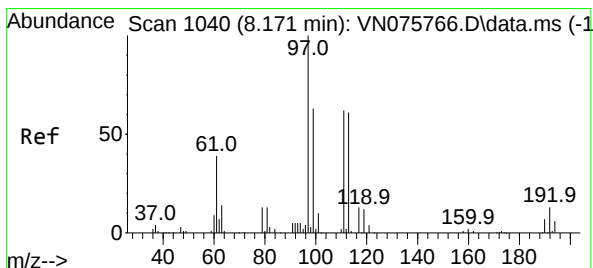
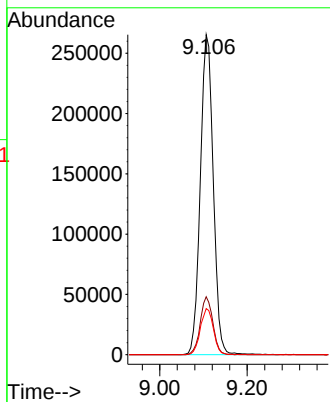
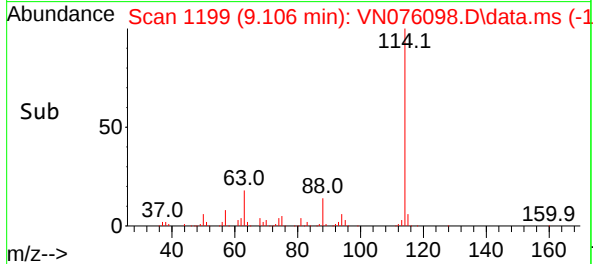
Instrument :
MSVOA_N
ClientSampleId :
33885



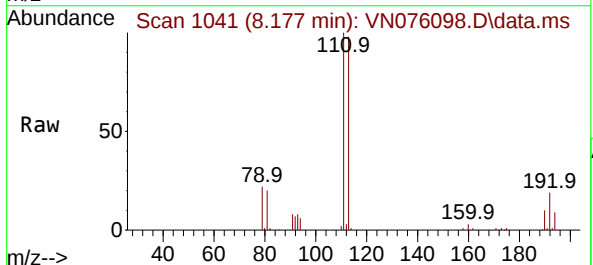
Tgt Ion:114 Resp: 547569
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.4
88 14.4 0.0 28.8

Manual Integrations
APPROVED

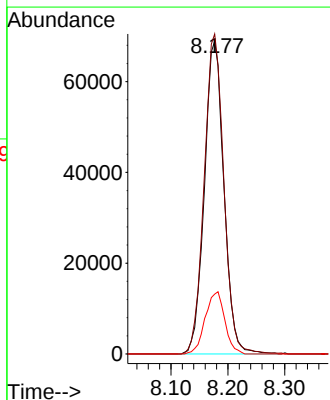
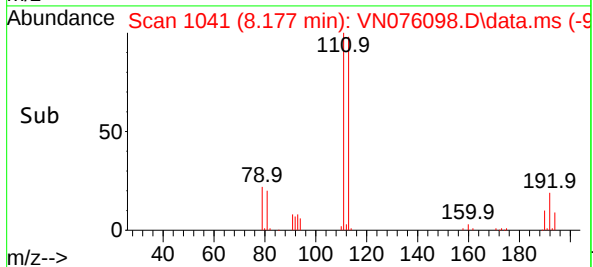
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

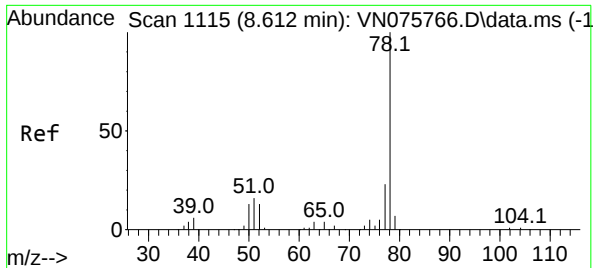


#35
Dibromofluoromethane
Concen: 48.364 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56



Tgt Ion:113 Resp: 164004
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 20.0 16.1 24.1





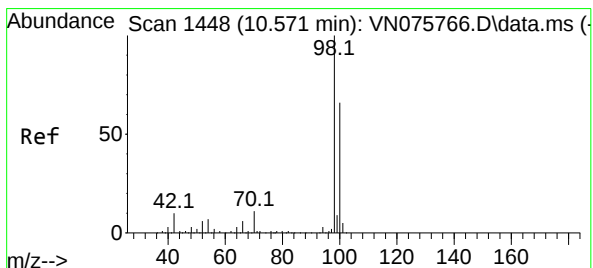
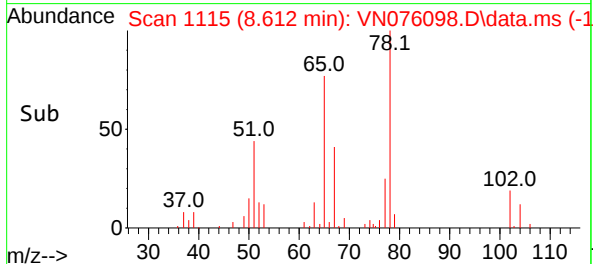
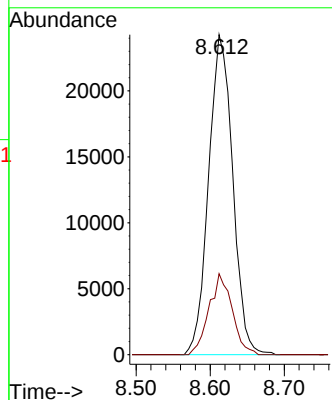
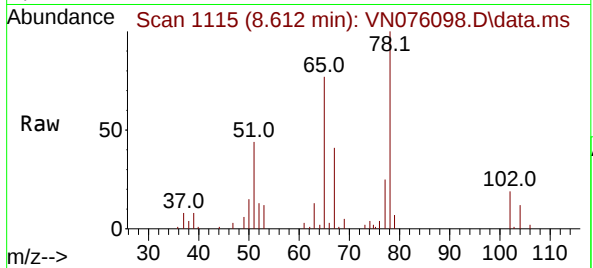
#40
Benzene
Concen: 3.949 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

Instrument :
MSVOA_N
ClientSampleId :
33885

Tgt Ion: 78 Resp: 54880
Ion Ratio Lower Upper
78 100
77 25.3 18.5 27.7

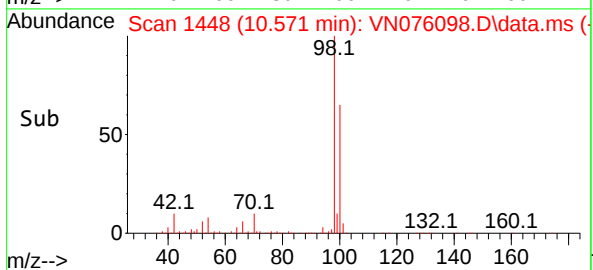
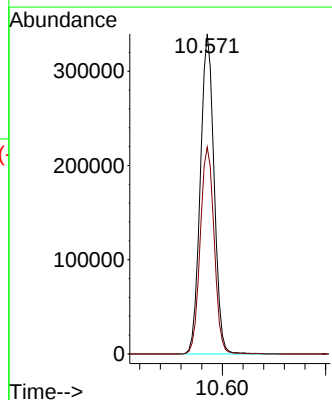
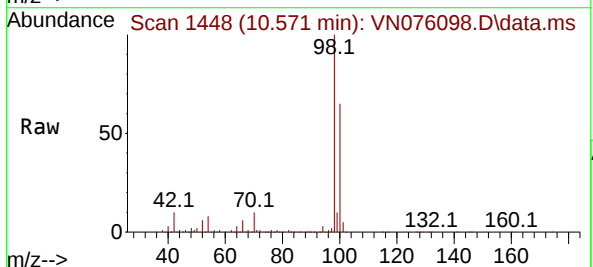
Manual Integrations
APPROVED

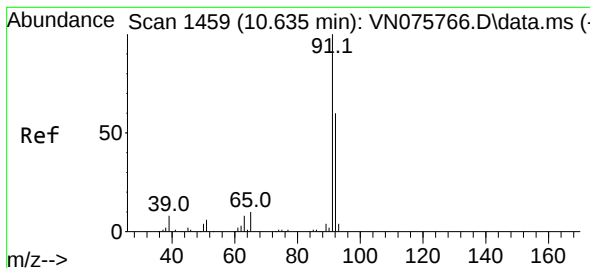
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#50
Toluene-d8
Concen: 49.450 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

Tgt Ion: 98 Resp: 626964
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1





#52

Toluene

Concen: 19.038 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076098.D

Acq: 04 Jan 2023 21:56

Instrument :

MSVOA_N

ClientSampleId :

33885

Tgt Ion: 92 Resp: 17232

Ion Ratio Lower Upper

92 100

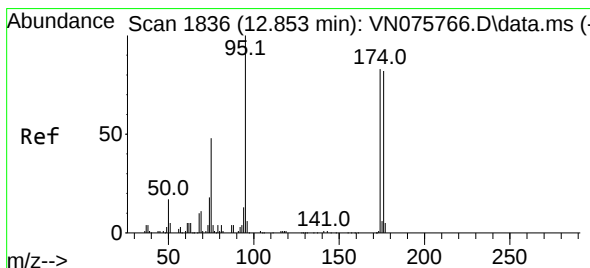
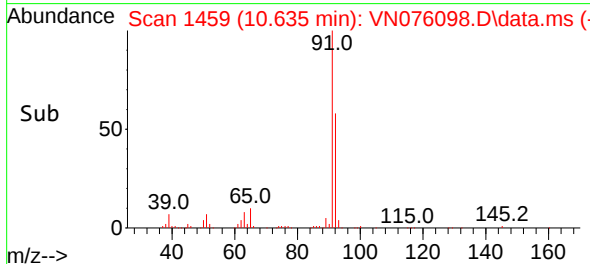
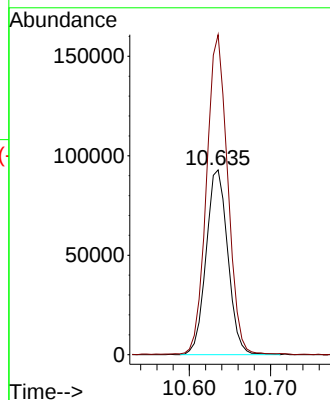
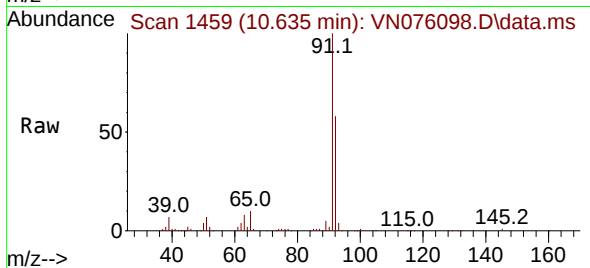
91 168.1 137.3 205.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#62

4-Bromofluorobenzene

Concen: 48.908 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076098.D

Acq: 04 Jan 2023 21:56

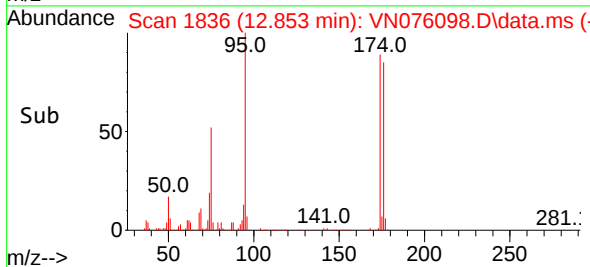
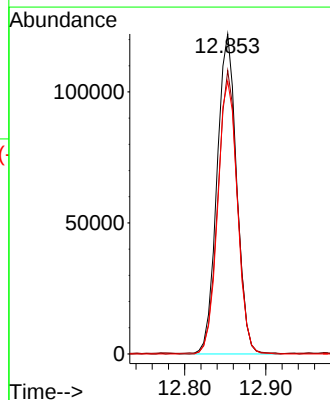
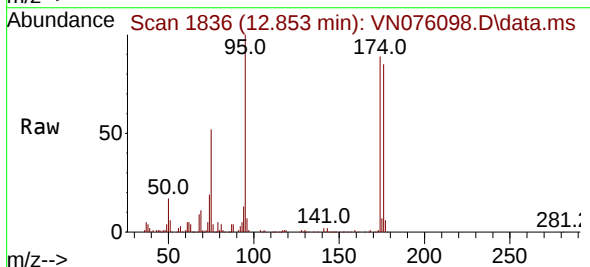
Tgt Ion: 95 Resp: 205379

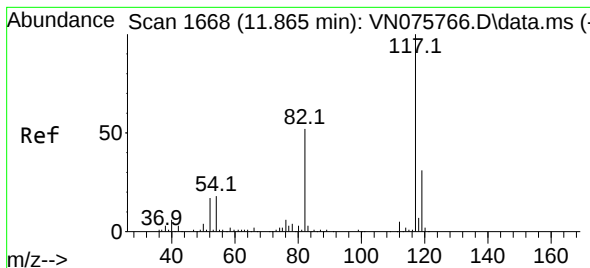
Ion Ratio Lower Upper

95 100

174 87.7 0.0 171.6

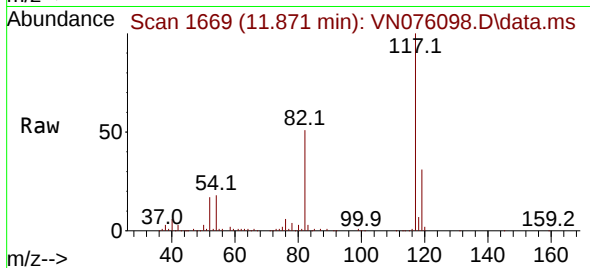
176 85.5 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

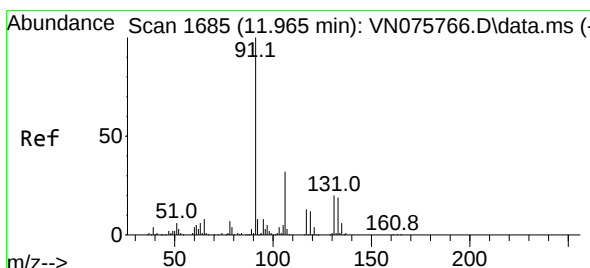
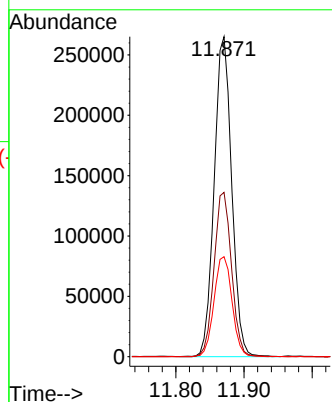
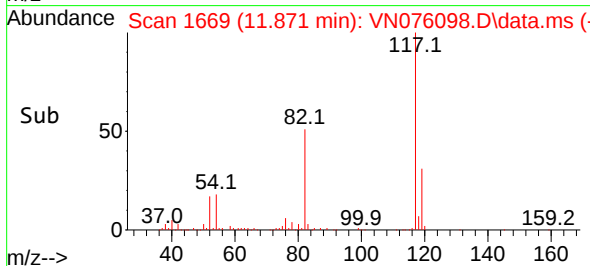
Instrument :
MSVOA_N
ClientSampleId :
33885



Tgt Ion: 117 Resp: 47414
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 31.2 24.6 37.0

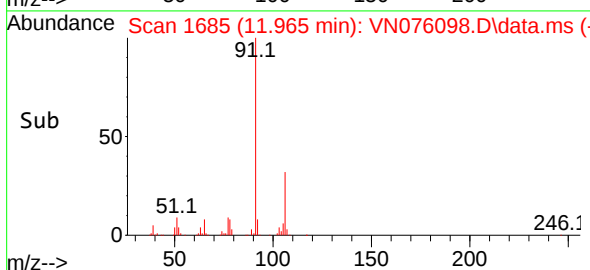
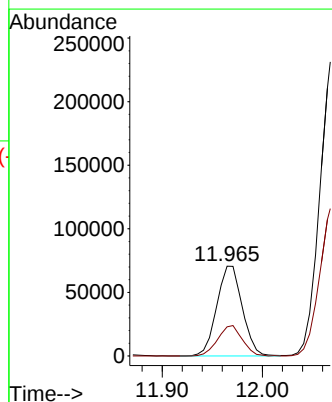
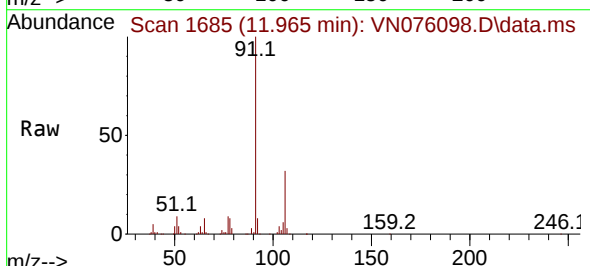
Manual Integrations
APPROVED

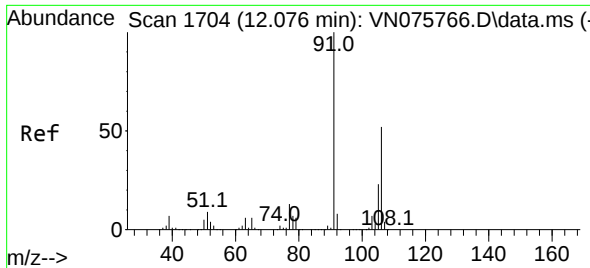
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#67
Ethyl Benzene
Concen: 7.588 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

Tgt Ion: 91 Resp: 124632
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5





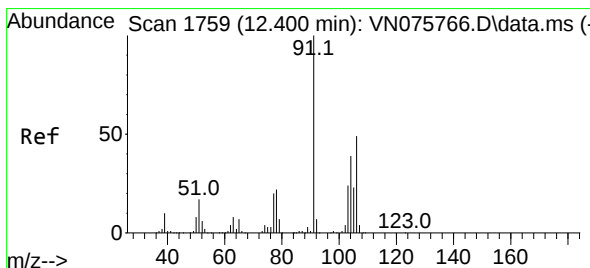
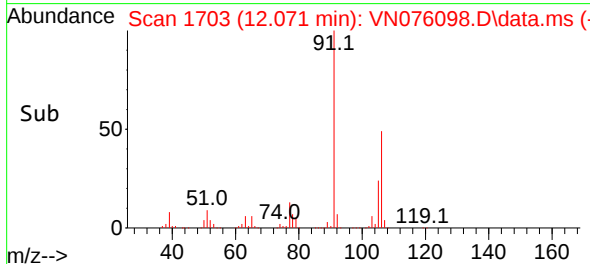
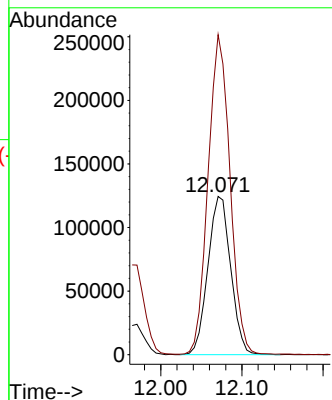
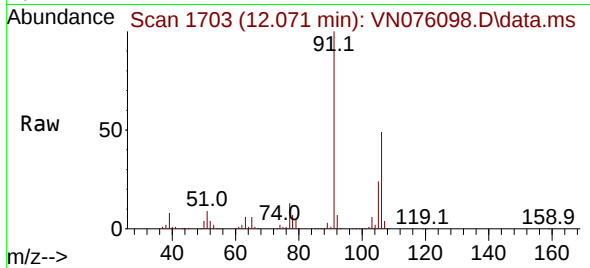
#68
m/p-Xylenes
Concen: 37.315 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

Instrument :
MSVOA_N
ClientSampleId :
33885

Tgt Ion:106 Resp: 24257
Ion Ratio Lower Upper
106 100
91 194.3 156.6 235.0

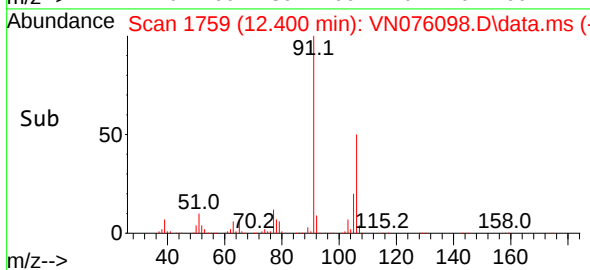
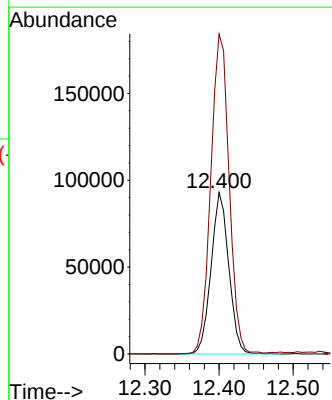
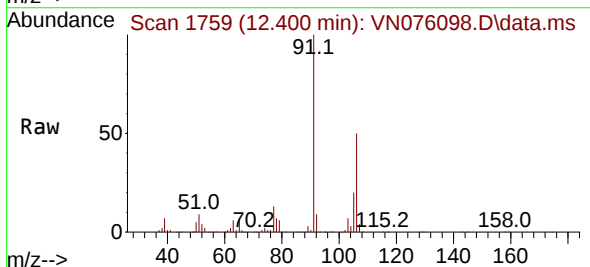
Manual Integrations
APPROVED

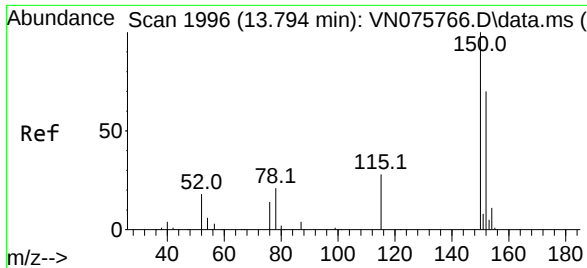
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#69
o-Xylene
Concen: 23.948 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

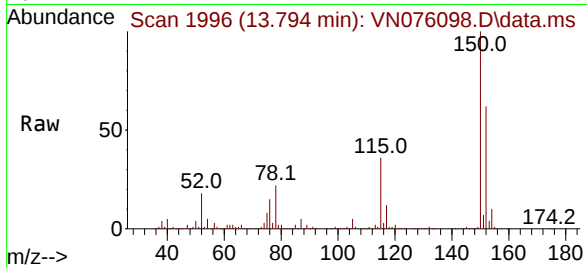
Tgt Ion:106 Resp: 154064
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

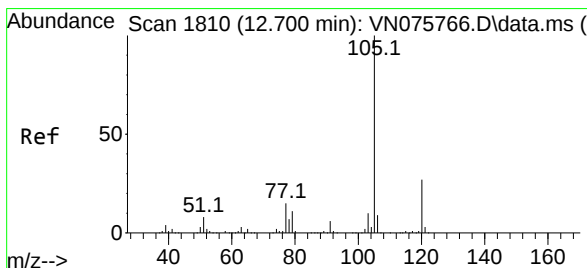
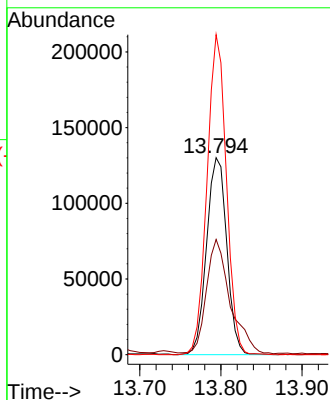
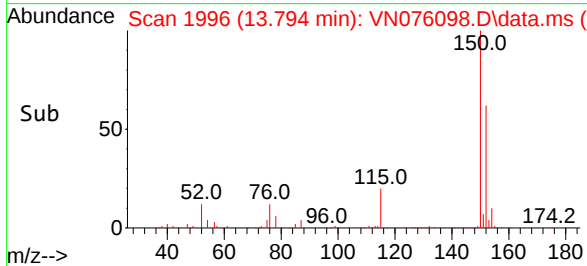
Instrument :
MSVOA_N
ClientSampleId :
33885



Tgt Ion:152 Resp: 225180
Ion Ratio Lower Upper
152 100
115 68.2 29.1 87.4
150 155.4 0.0 347.0

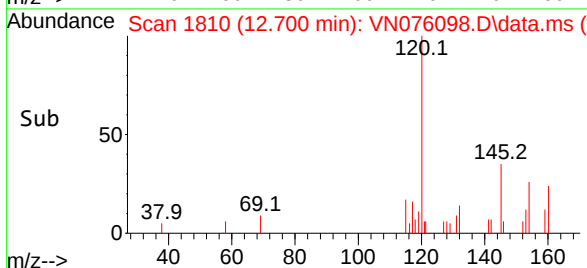
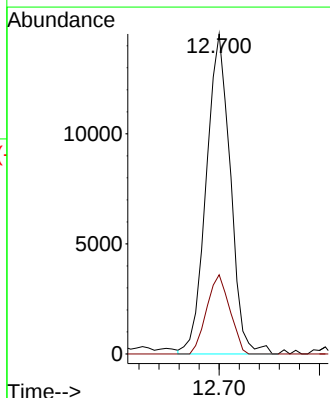
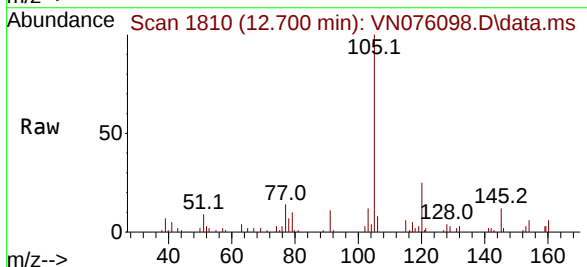
Manual Integrations
APPROVED

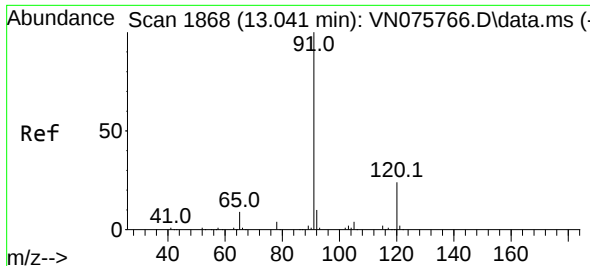
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#73
Isopropylbenzene
Concen: 1.493 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

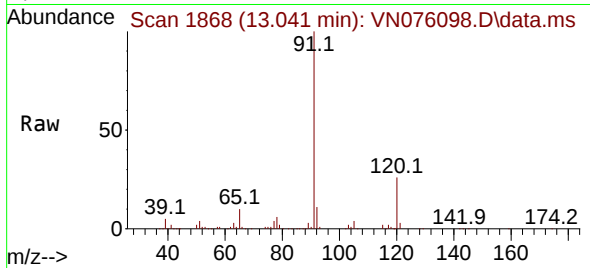
Tgt Ion:105 Resp: 24291
Ion Ratio Lower Upper
105 100
120 23.6 13.4 40.2





#78
n-propylbenzene
Concen: 9.766 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

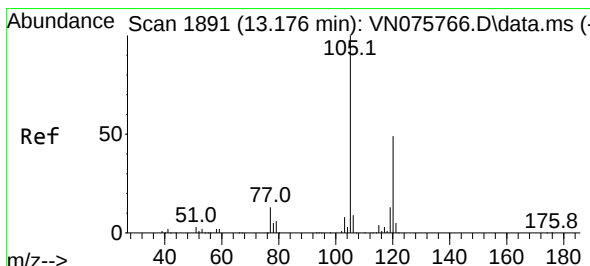
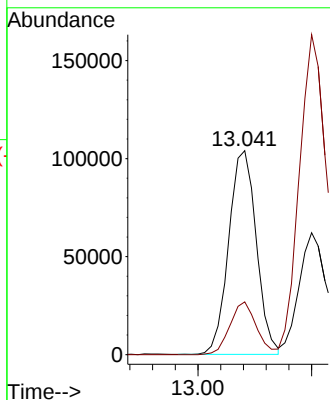
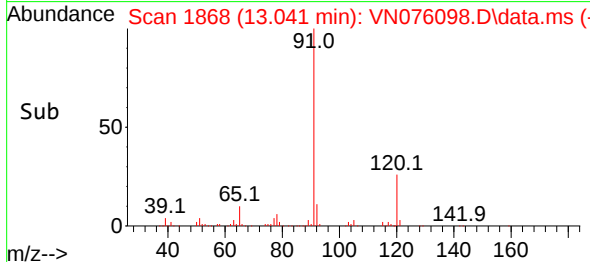
Instrument :
MSVOA_N
ClientSampleId :
33885



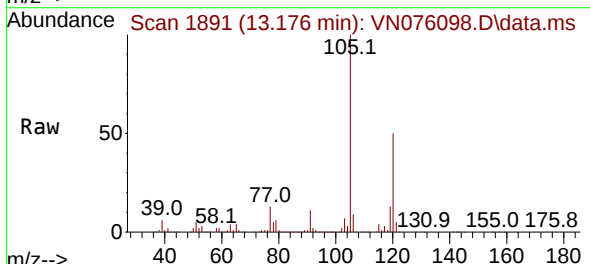
Tgt Ion: 91 Resp: 175283
Ion Ratio Lower Upper
91 100
120 24.7 12.0 36.1

Manual Integrations
APPROVED

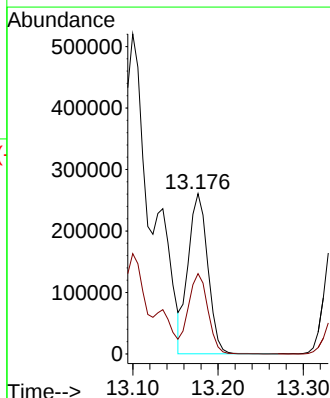
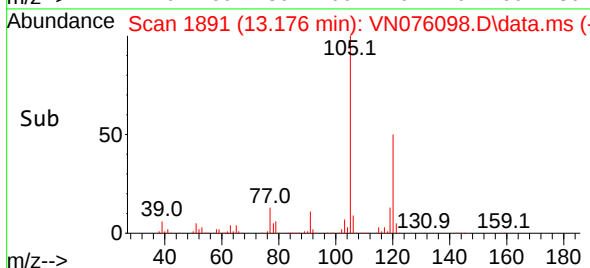
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

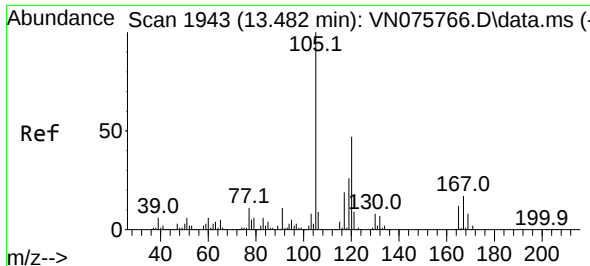


#80
1,3,5-Trimethylbenzene
Concen: 30.614 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56



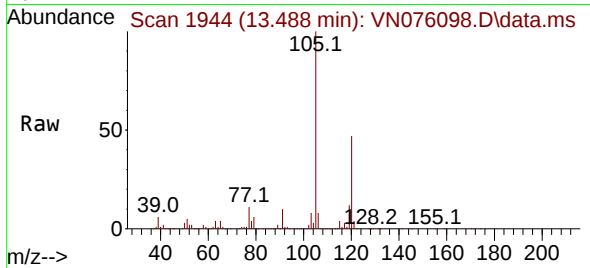
Tgt Ion:105 Resp: 416941
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#84
1,2,4-Trimethylbenzene
Concen: 125.036 ug/l
RT: 13.488 min Scan# 1943
Delta R.T. 0.006 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

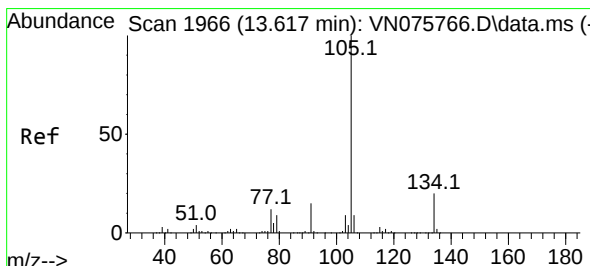
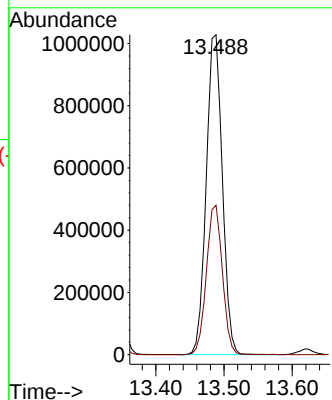
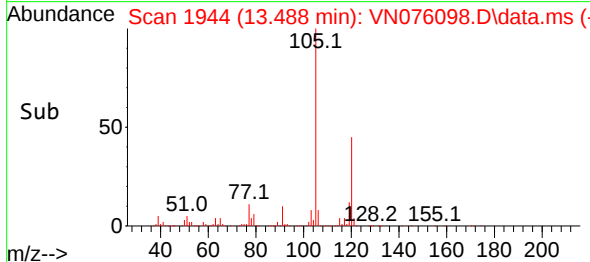
Instrument :
MSVOA_N
ClientSampleId :
33885



Tgt Ion:105 Resp: 168934
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8

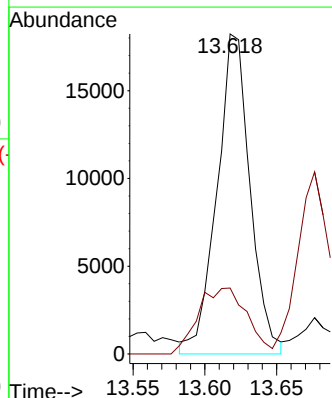
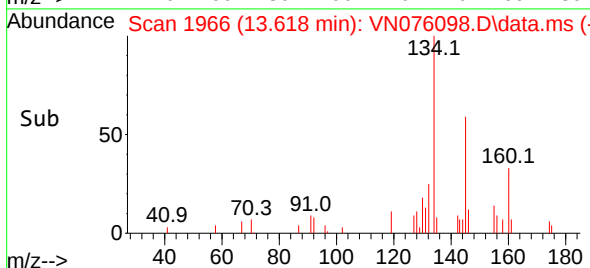
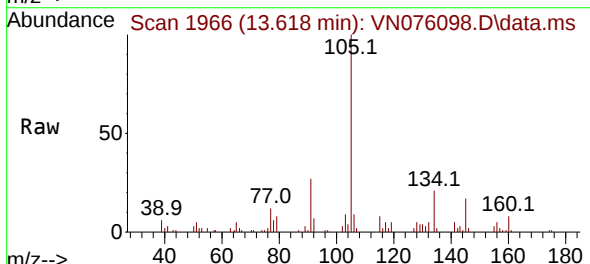
Manual Integrations
APPROVED

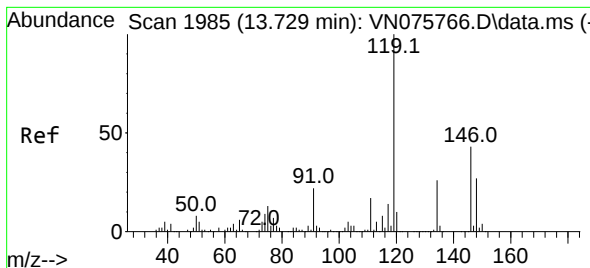
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#85
sec-Butylbenzene
Concen: 1.761 ug/l m
RT: 13.618 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

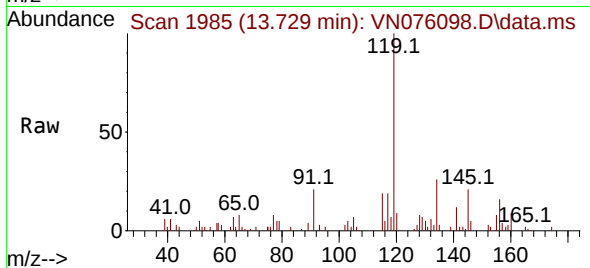
Tgt Ion:105 Resp: 29190
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#86
p-Isopropyltoluene
Concen: 1.561 ug/l m
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56

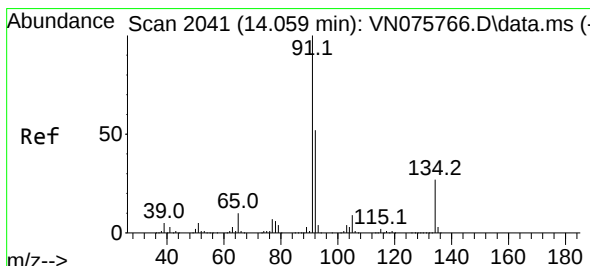
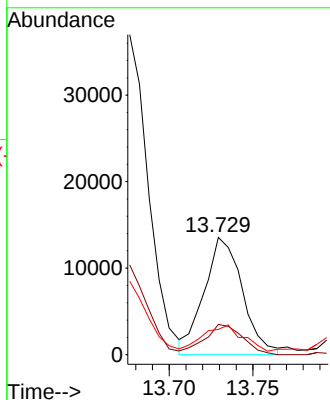
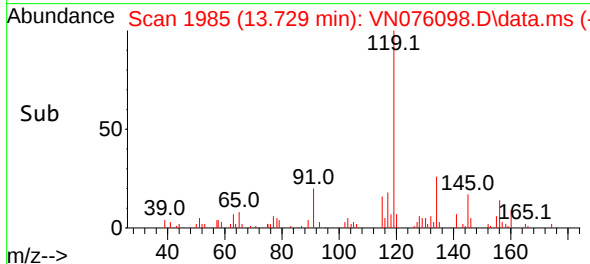
Instrument :
MSVOA_N
ClientSampleId :
33885



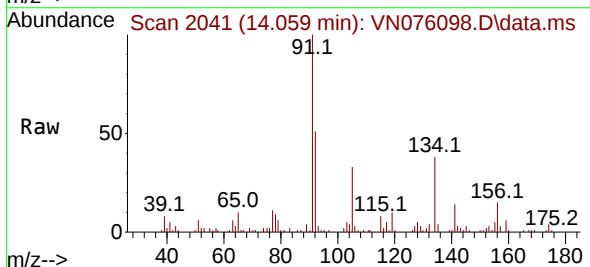
Tgt Ion: 119 Resp: 21529
Ion Ratio Lower Upper
119 100
134 74.4 13.0 39.0
91 54.1 11.2 33.6

Manual Integrations
APPROVED

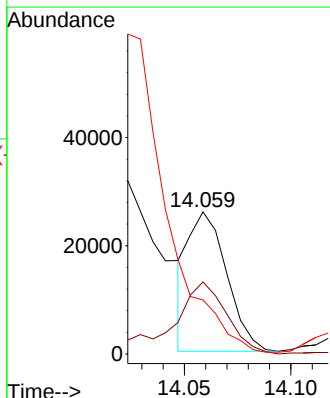
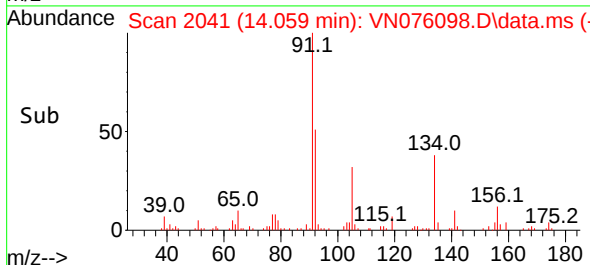
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

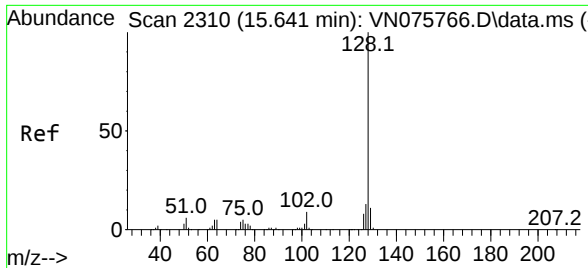


#89
n-Butylbenzene
Concen: 2.882 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076098.D
Acq: 04 Jan 2023 21:56



Tgt Ion: 91 Resp: 32204
Ion Ratio Lower Upper
91 100
92 62.2 26.4 79.2
134 0.0 13.4 40.2





#95

Naphthalene

Concen: 21.081 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076098.D

Acq: 04 Jan 2023 21:56

Instrument :

MSVOA_N

ClientSampleId :

33885

Tgt Ion:128 Resp: 242210

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023

