

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076780.D
 Acq On : 22 Feb 2023 18:52
 Operator : JC\MD
 Sample : 01655-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31948

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 23:59:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	257919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	470762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	414608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	178712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186886	52.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	8.172	113	144551	46.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.780%			
50) Toluene-d8	10.571	98	575873	50.018	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.854	95	179487	47.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.140%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.531	59	15300	32.546	ug/l	99
16) Acetone	4.442	43	65671	41.280	ug/l	98
18) Methyl Acetate	5.054	43	6249m	1.203	ug/l	
25) 2-Butanone	7.489	43	386068	164.518	ug/l	93
40) Benzene	8.613	78	334986	24.489	ug/l	97
52) Toluene	10.630	92	138858	16.814	ug/l	98
67) Ethyl Benzene	11.971	91	9867	0.659	ug/l	100
68) m/p-Xylenes	12.077	106	22257	3.857	ug/l	98
69) o-Xylene	12.401	106	7190	1.278	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	3846	0.355	ug/l	87
84) 1,2,4-Trimethylbenzene	13.489	105	8305	0.770	ug/l	98
95) Naphthalene	15.653	128	10656	1.112	ug/l #	87

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

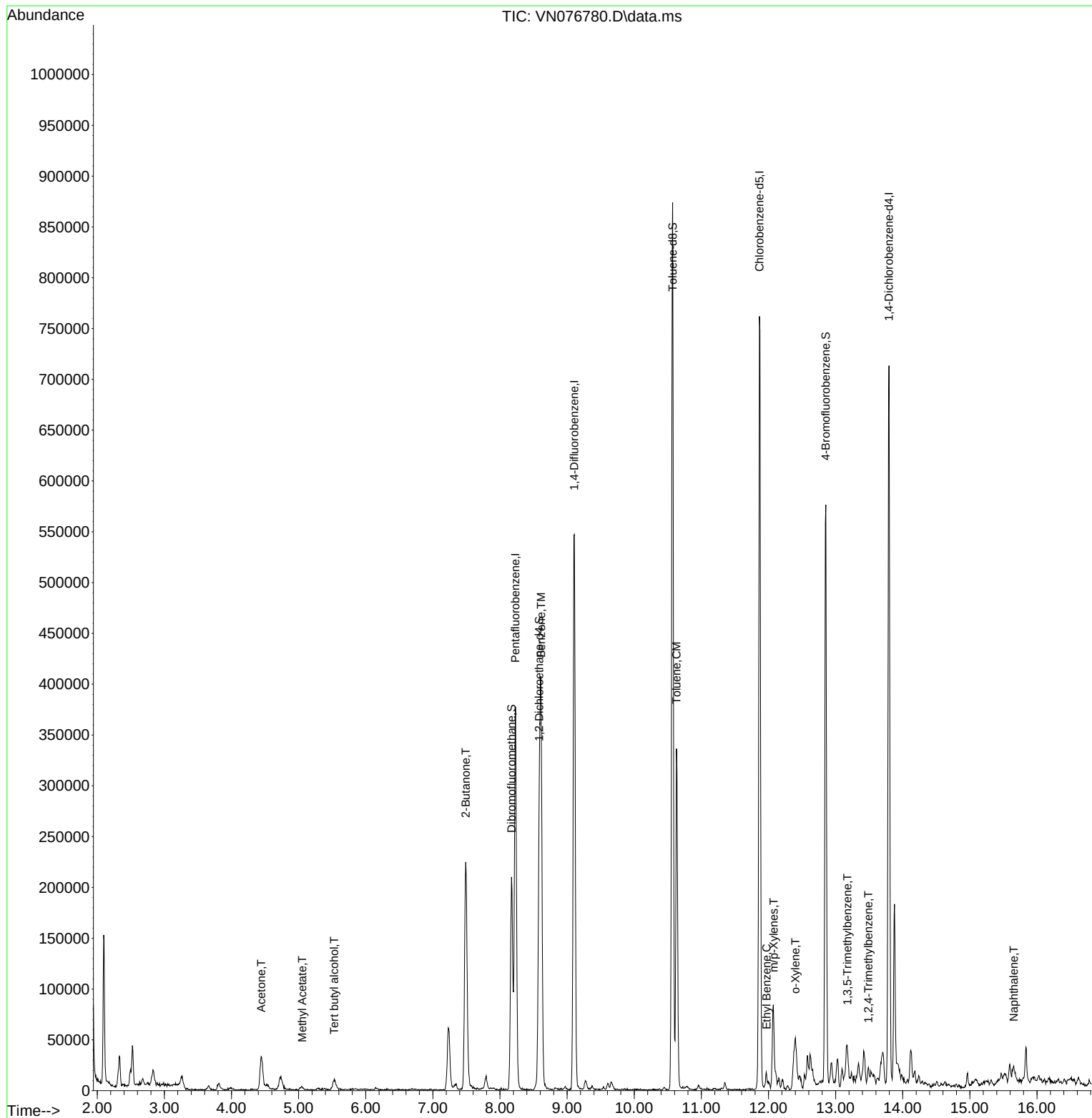
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
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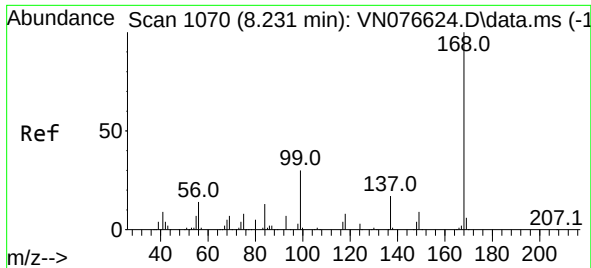
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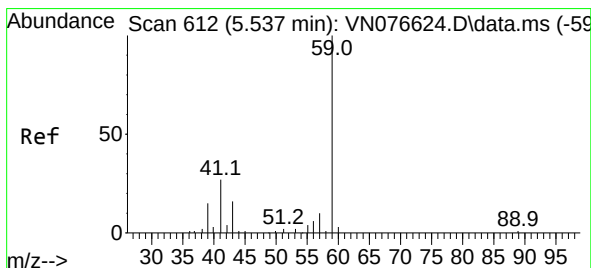
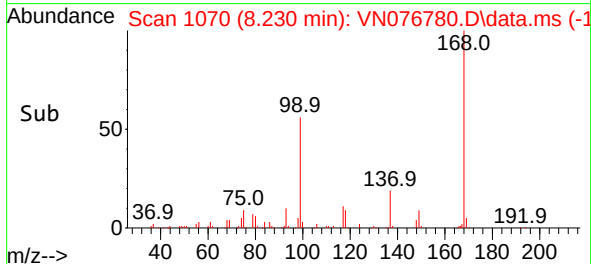
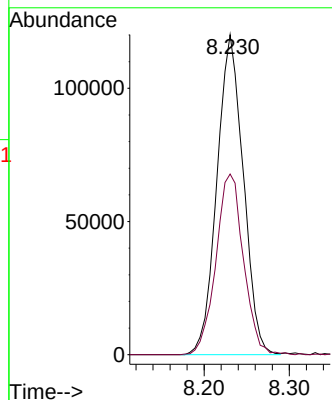
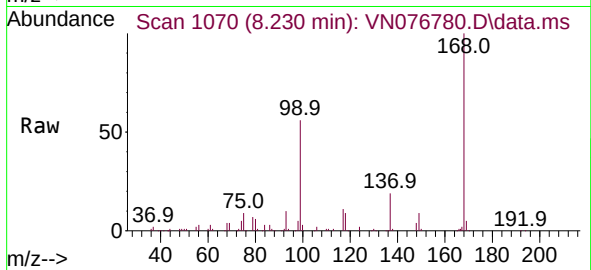
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
31948

Tgt Ion:168 Resp: 257919
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2

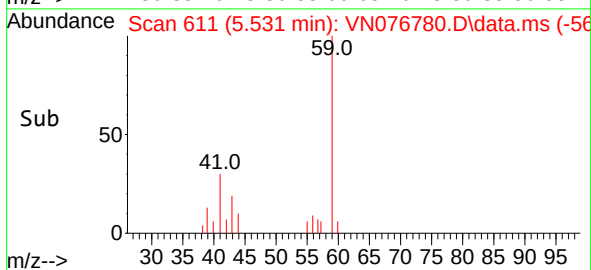
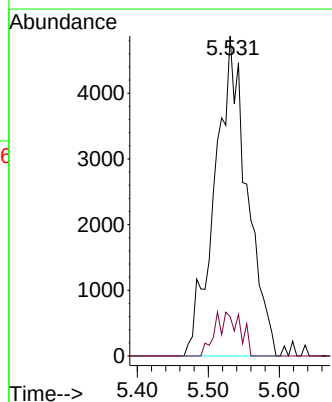
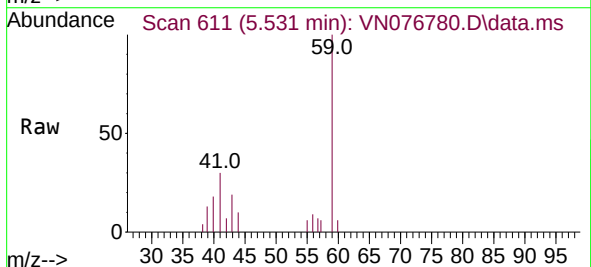
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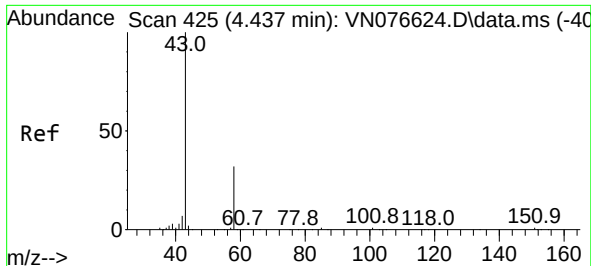
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#11
Tert butyl alcohol
Concen: 32.546 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

Tgt Ion: 59 Resp: 15300
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1





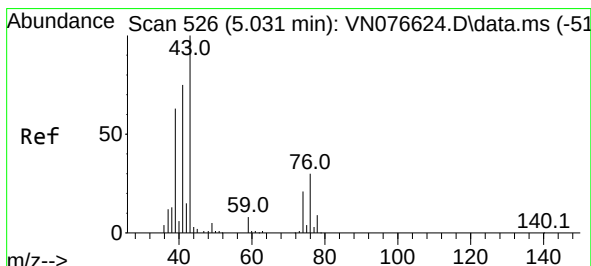
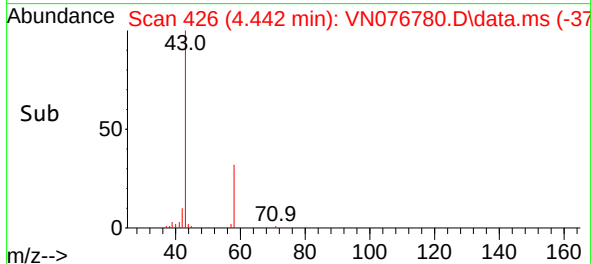
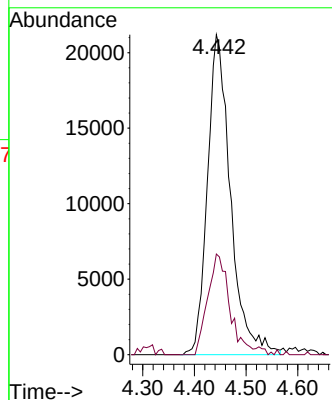
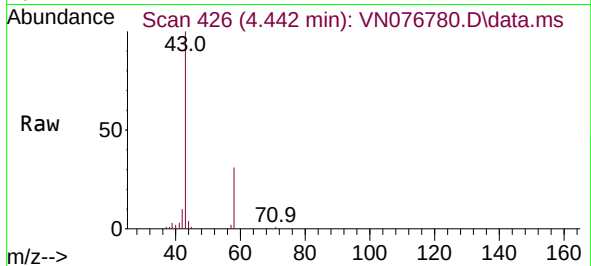
#16
Acetone
Concen: 41.280 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
31948

Tgt Ion: 43 Resp: 6567
Ion Ratio Lower Upper
43 100
58 31.4 25.9 38.9

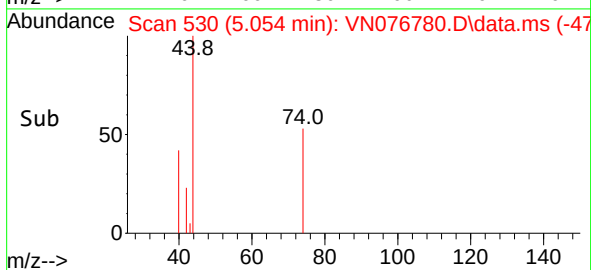
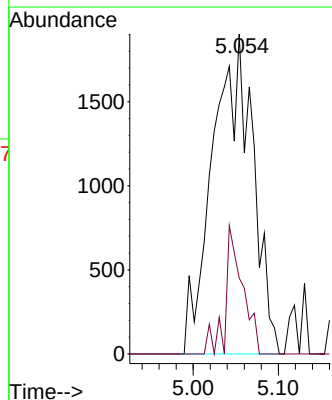
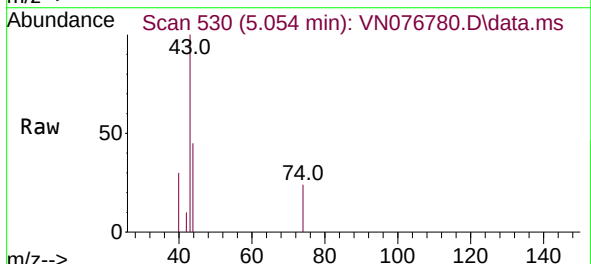
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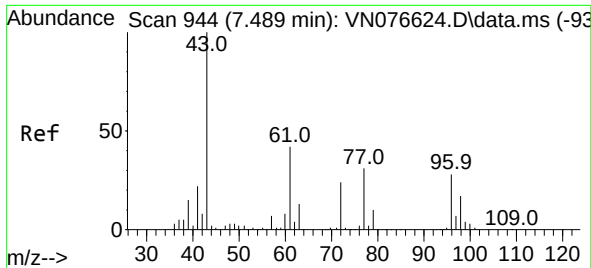
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 1.203 ug/l m
RT: 5.054 min Scan# 530
Delta R.T. 0.023 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

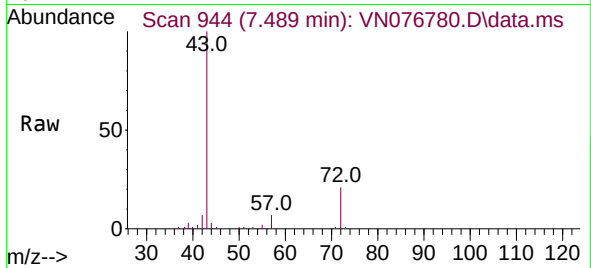
Tgt Ion: 43 Resp: 6249
Ion Ratio Lower Upper
43 100
74 16.2 17.7 26.5#





#25
2-Butanone
Concen: 164.518 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

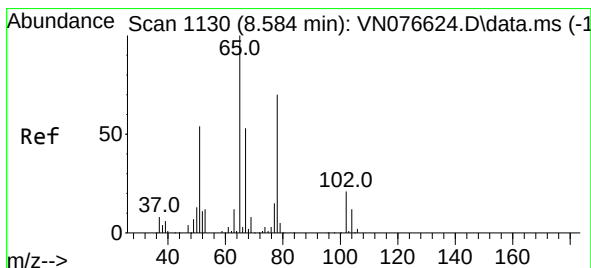
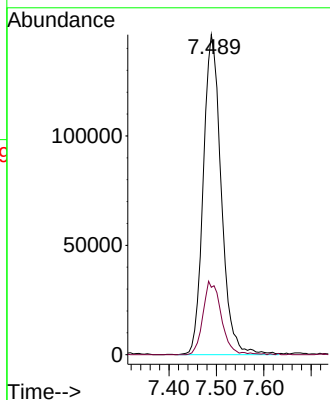
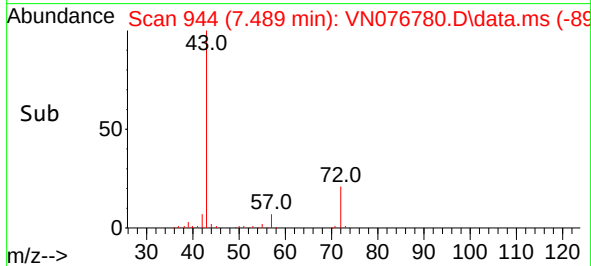
Instrument :
MSVOA_N
ClientSampleId :
31948



Tgt Ion: 43 Resp: 38606
Ion Ratio Lower Upper
43 100
72 21.1 19.4 29.2

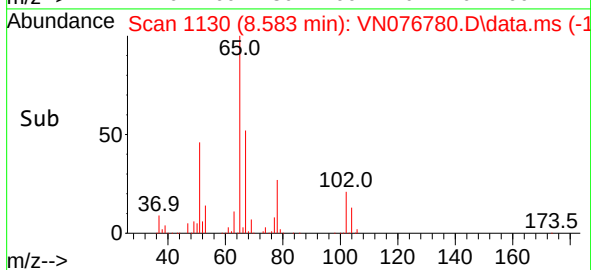
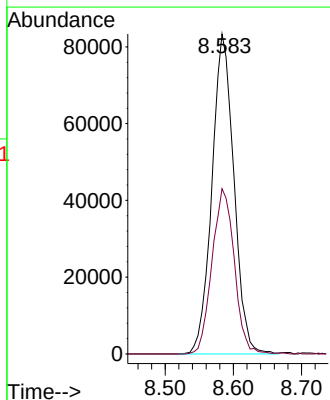
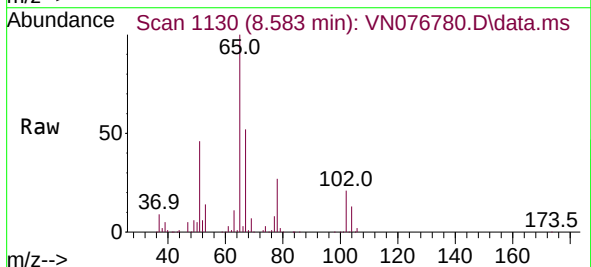
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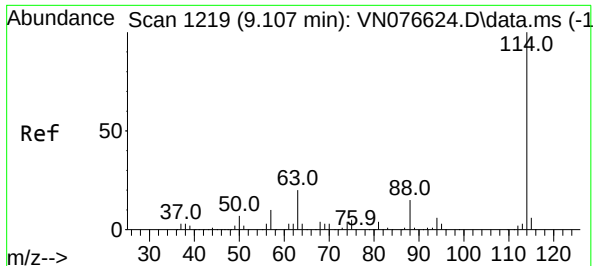
Reviewed By :John Carlone 02/23/2023
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#33
1,2-Dichloroethane-d4
Concen: 52.474 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

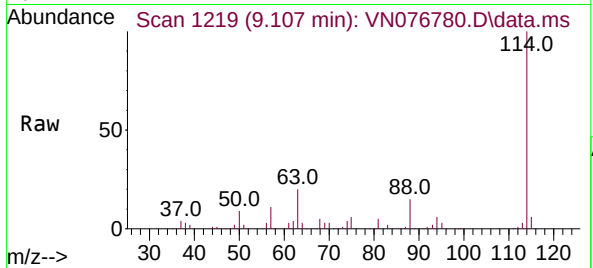
Tgt Ion: 65 Resp: 186886
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

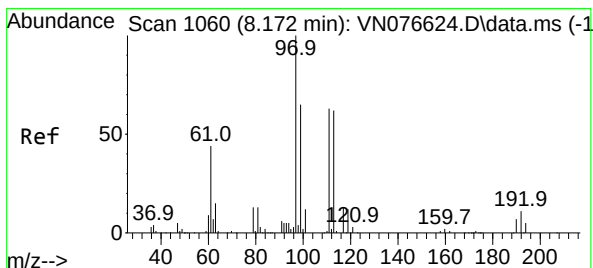
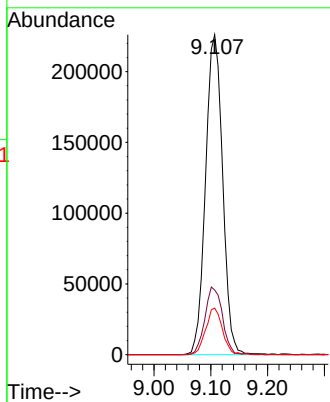
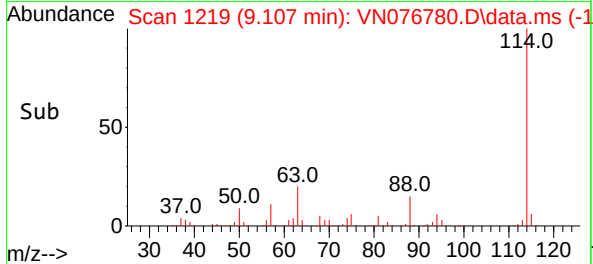
Instrument :
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ClientSampleId :
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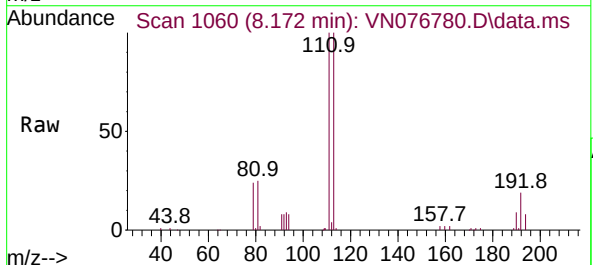
Tgt Ion:114 Resp: 470762
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 14.5 0.0 29.6

Manual Integrations
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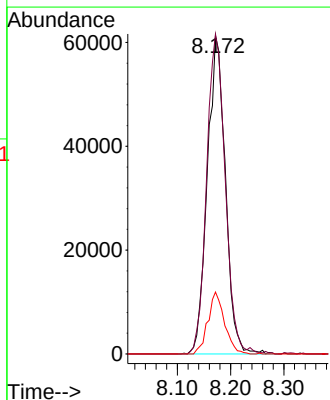
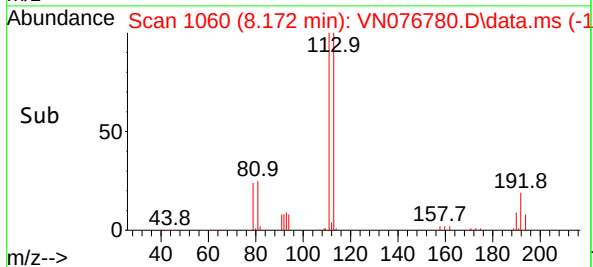
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

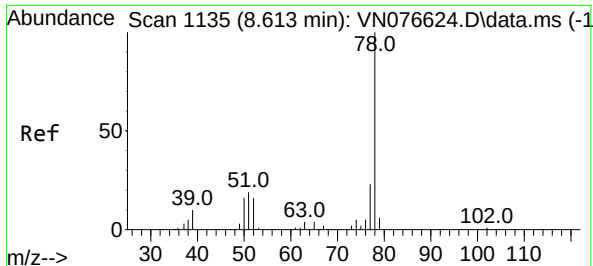


#35
Dibromofluoromethane
Concen: 46.887 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52



Tgt Ion:113 Resp: 144551
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 17.9 15.6 23.4





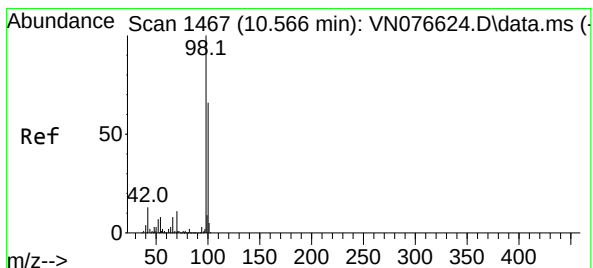
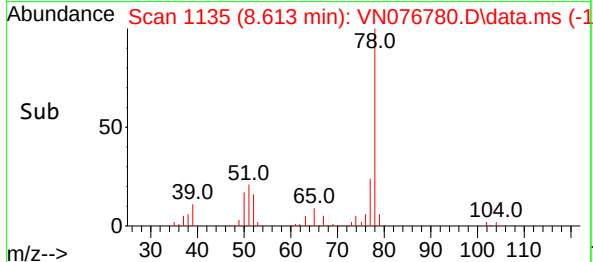
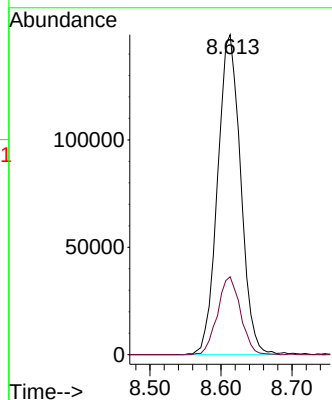
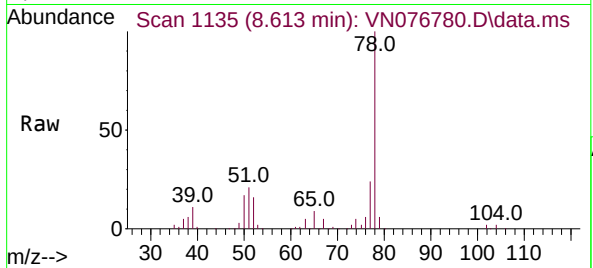
#40
Benzene
Concen: 24.489 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

Instrument :
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31948

Tgt Ion: 78 Resp: 334980
Ion Ratio Lower Upper
78 100
77 24.4 18.2 27.4

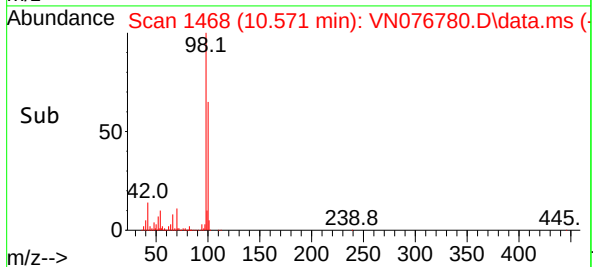
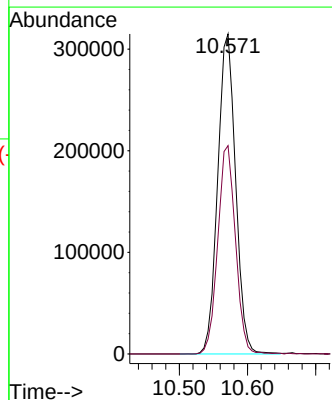
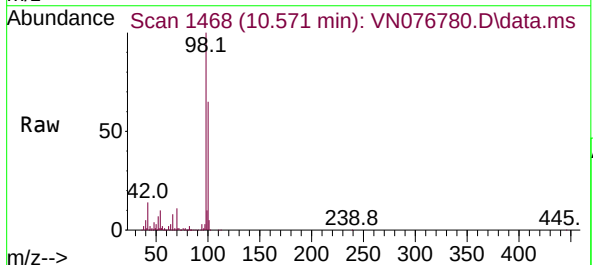
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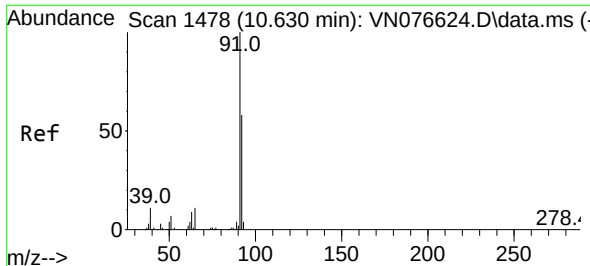
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#50
Toluene-d8
Concen: 50.018 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

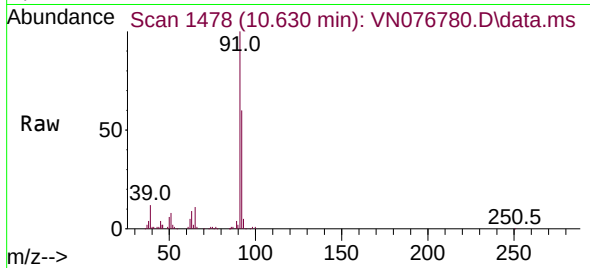
Tgt Ion: 98 Resp: 575873
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3





#52
Toluene
Concen: 16.814 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

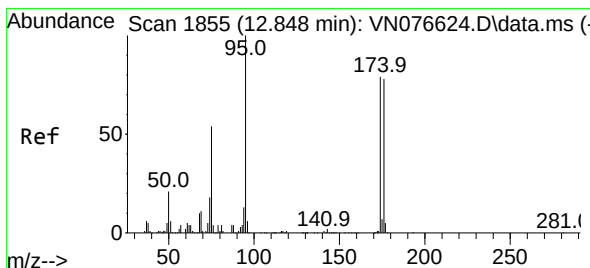
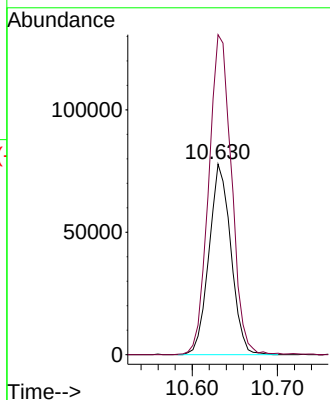
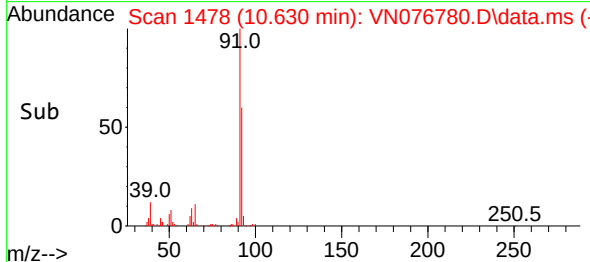
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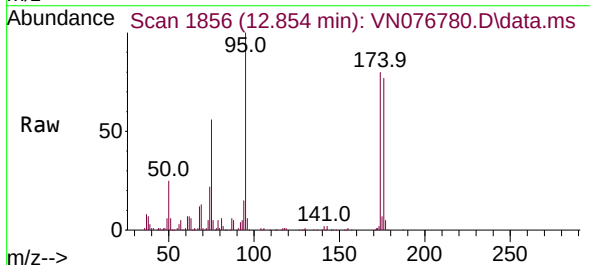
Tgt Ion: 92 Resp: 138858
Ion Ratio Lower Upper
92 100
91 175.5 138.0 207.0

Manual Integrations
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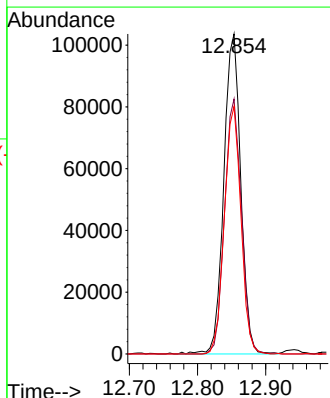
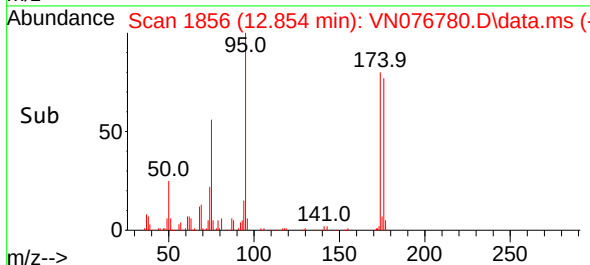
Reviewed By :John Carlone 02/23/2023
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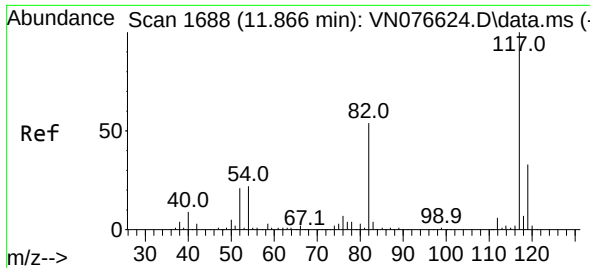


#62
4-Bromofluorobenzene
Concen: 47.069 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52



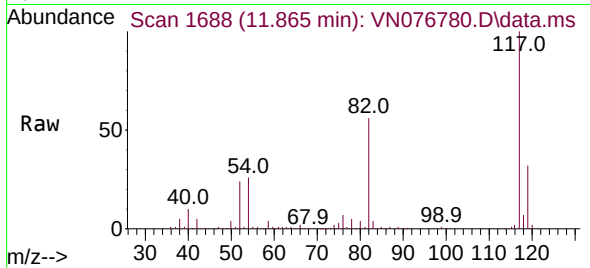
Tgt Ion: 95 Resp: 179487
Ion Ratio Lower Upper
95 100
174 79.0 0.0 169.2
176 75.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

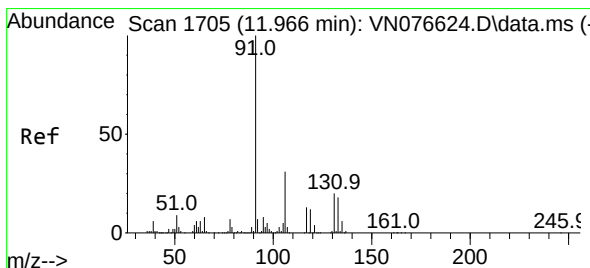
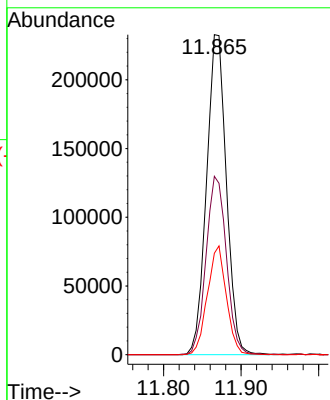
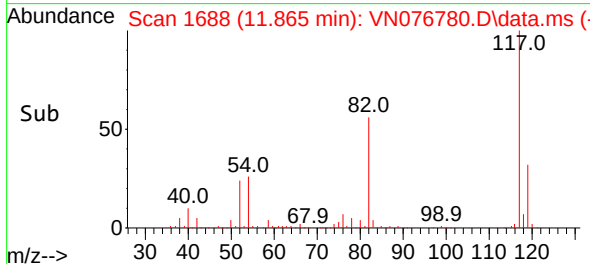
Instrument :
MSVOA_N
ClientSampleId :
31948



Tgt Ion:117 Resp: 414608
Ion Ratio Lower Upper
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119 31.7 26.1 39.1

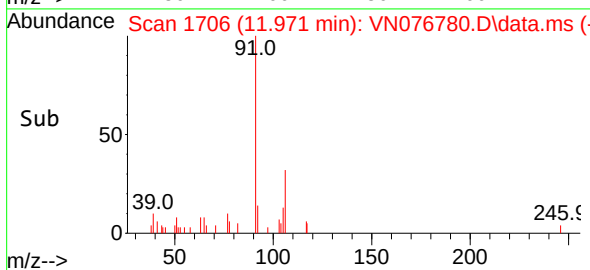
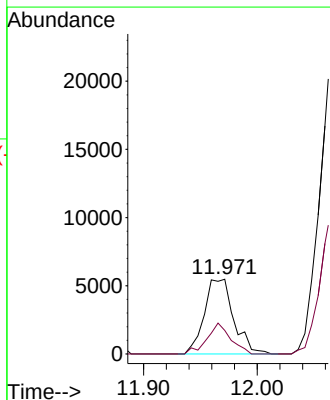
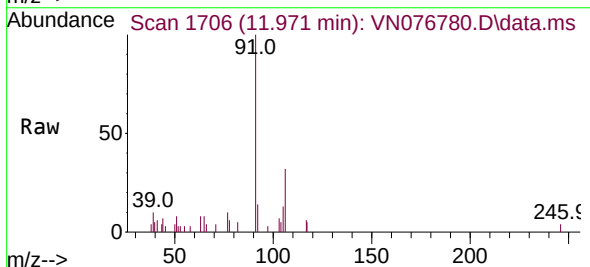
Manual Integrations
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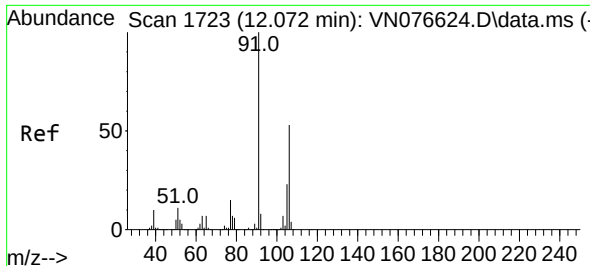
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#67
Ethyl Benzene
Concen: 0.659 ug/l
RT: 11.971 min Scan# 1706
Delta R.T. 0.005 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

Tgt Ion: 91 Resp: 9867
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7





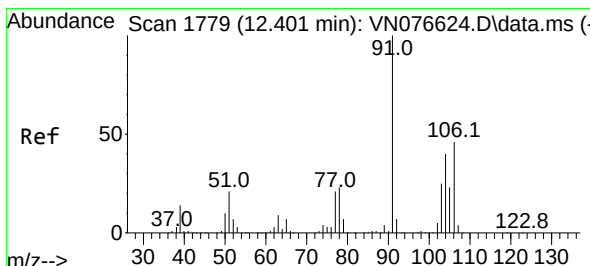
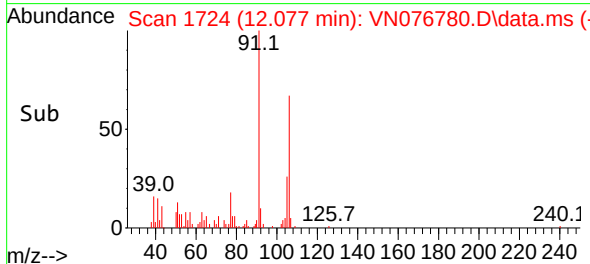
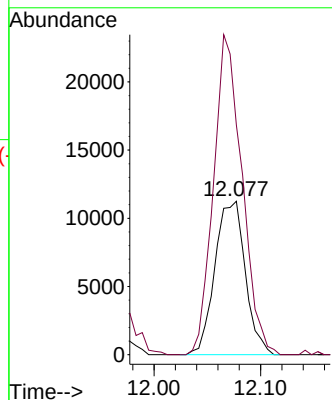
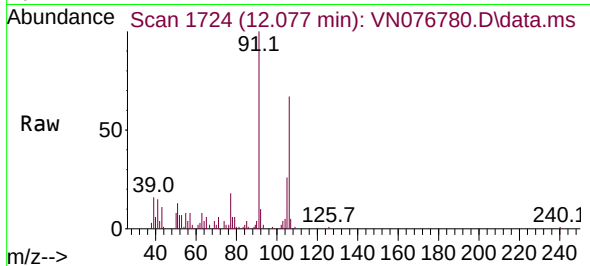
#68
m/p-Xylenes
Concen: 3.857 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
31948

Tgt Ion:106 Resp: 2225
Ion Ratio Lower Upper
106 100
91 196.1 154.7 232.1

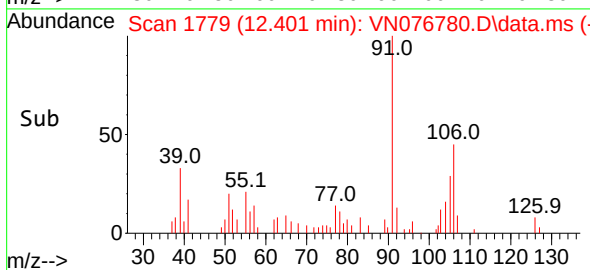
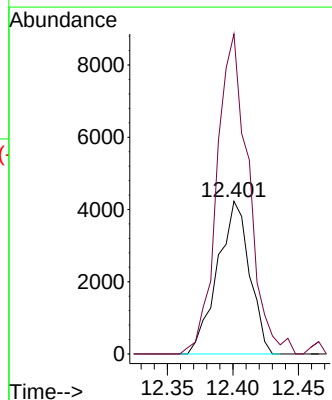
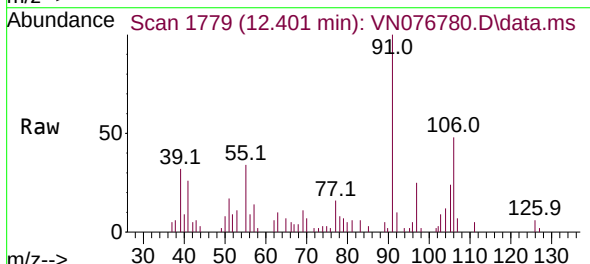
Manual Integrations
APPROVED

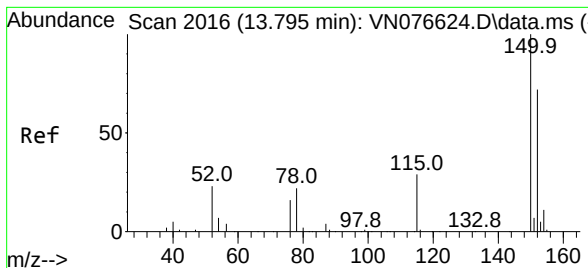
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#69
o-Xylene
Concen: 1.278 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

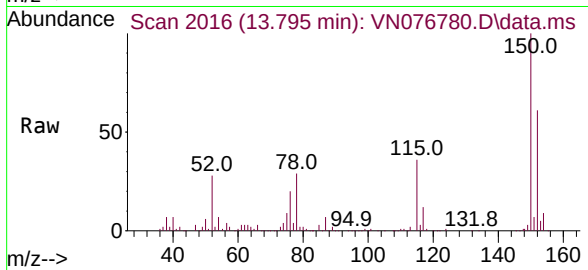
Tgt Ion:106 Resp: 7190
Ion Ratio Lower Upper
106 100
91 207.2 105.8 317.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076780.D
 Acq: 22 Feb 2023 18:52

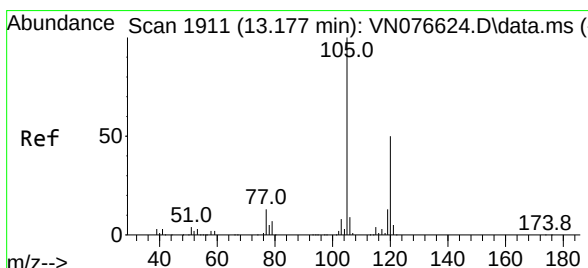
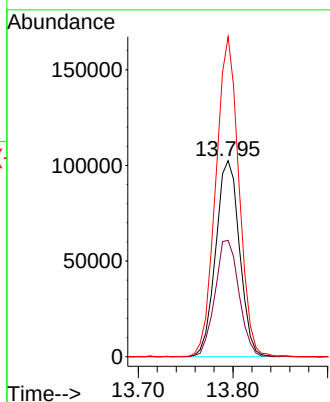
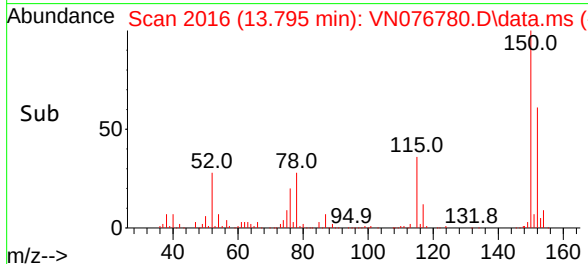
Instrument :
 MSVOA_N
 ClientSampleId :
 31948



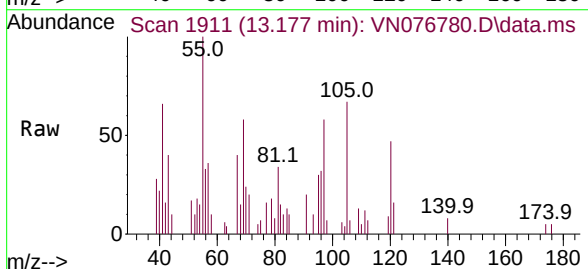
Tgt Ion:152 Resp: 178712
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.3 87.9
 150 158.4 0.0 349.8

Manual Integrations
 APPROVED

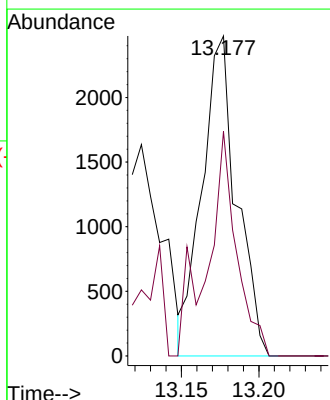
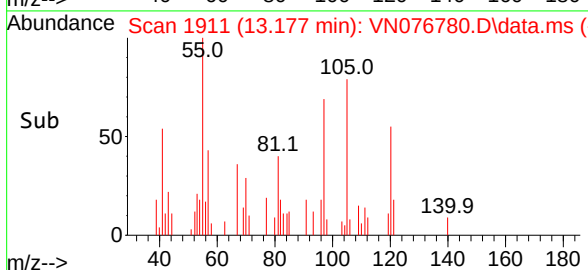
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

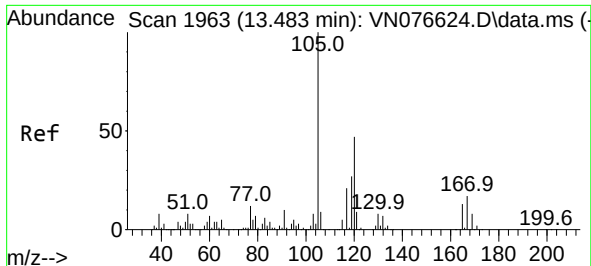


#80
 1,3,5-Trimethylbenzene
 Concen: 0.355 ug/l
 RT: 13.177 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VN076780.D
 Acq: 22 Feb 2023 18:52



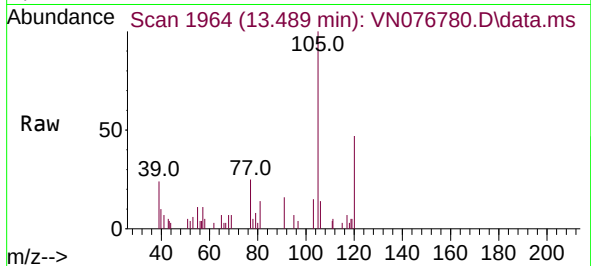
Tgt Ion:105 Resp: 3846
 Ion Ratio Lower Upper
 105 100
 120 59.4 25.1 75.4





#84
1,2,4-Trimethylbenzene
Concen: 0.770 ug/l
RT: 13.489 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52

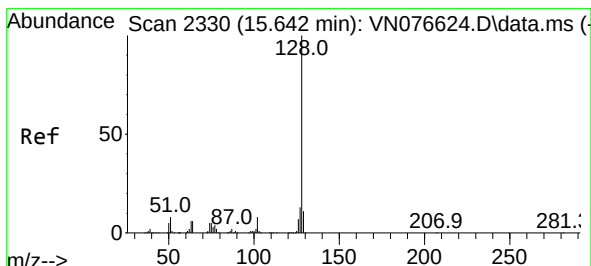
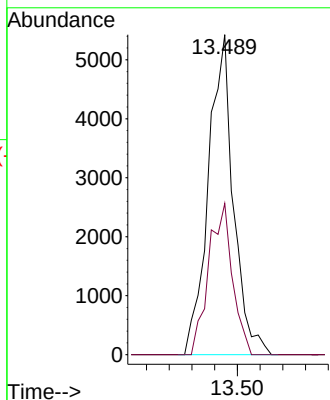
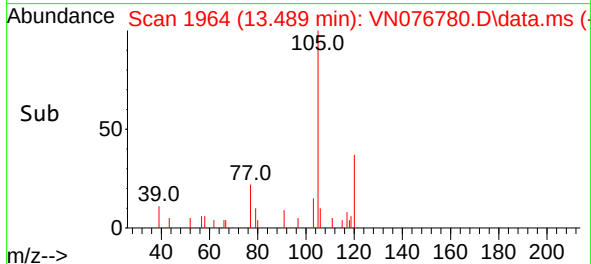
Instrument :
MSVOA_N
ClientSampleId :
31948



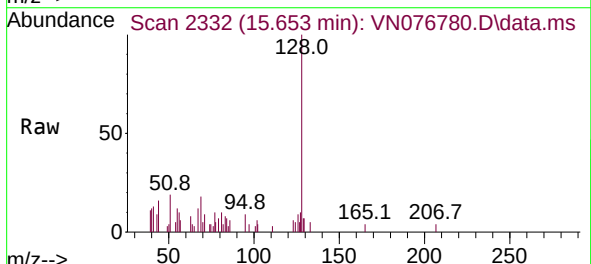
Tgt Ion:105 Resp: 830
Ion Ratio Lower Upper
105 100
120 44.7 23.0 69.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#95
Naphthalene
Concen: 1.112 ug/l
RT: 15.653 min Scan# 2332
Delta R.T. 0.011 min
Lab File: VN076780.D
Acq: 22 Feb 2023 18:52



Tgt Ion:128 Resp: 10656
Ion Ratio Lower Upper
128 100
127 19.4 10.6 16.0#
129 6.8 8.6 13.0#

