

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075376.D
 Acq On : 22 Nov 2022 18:31
 Operator : JC\MD
 Sample : N5644-02
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 110222

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	40628	48.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	8.165	113	48435	46.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.820%		
50) Toluene-d8	10.565	98	112379	48.323	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.640%		
62) 4-Bromofluorobenzene	12.853	95	80564	46.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.112	64	8028	5.711	ug/l #	58
52) Toluene	10.630	92	933205	210.055	ug/l	99
67) Ethyl Benzene	11.965	91	36502	4.479	ug/l	99
68) m/p-Xylenes	12.071	106	58624	17.714	ug/l	97
69) o-Xylene	12.400	106	13975	4.250	ug/l	97
73) Isopropylbenzene	12.700	105	11169	1.448	ug/l	99
78) n-propylbenzene	13.035	91	45081	5.237	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	48854	7.623	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	180067	28.013	ug/l	98
85) sec-Butylbenzene	13.618	105	6286	0.793	ug/l #	59
86) p-Isopropyltoluene	13.729	119	4068	0.610	ug/l	93
89) n-Butylbenzene	14.059	91	21181m	3.760	ug/l	
95) Naphthalene	15.641	128	73025	12.879	ug/l	99

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

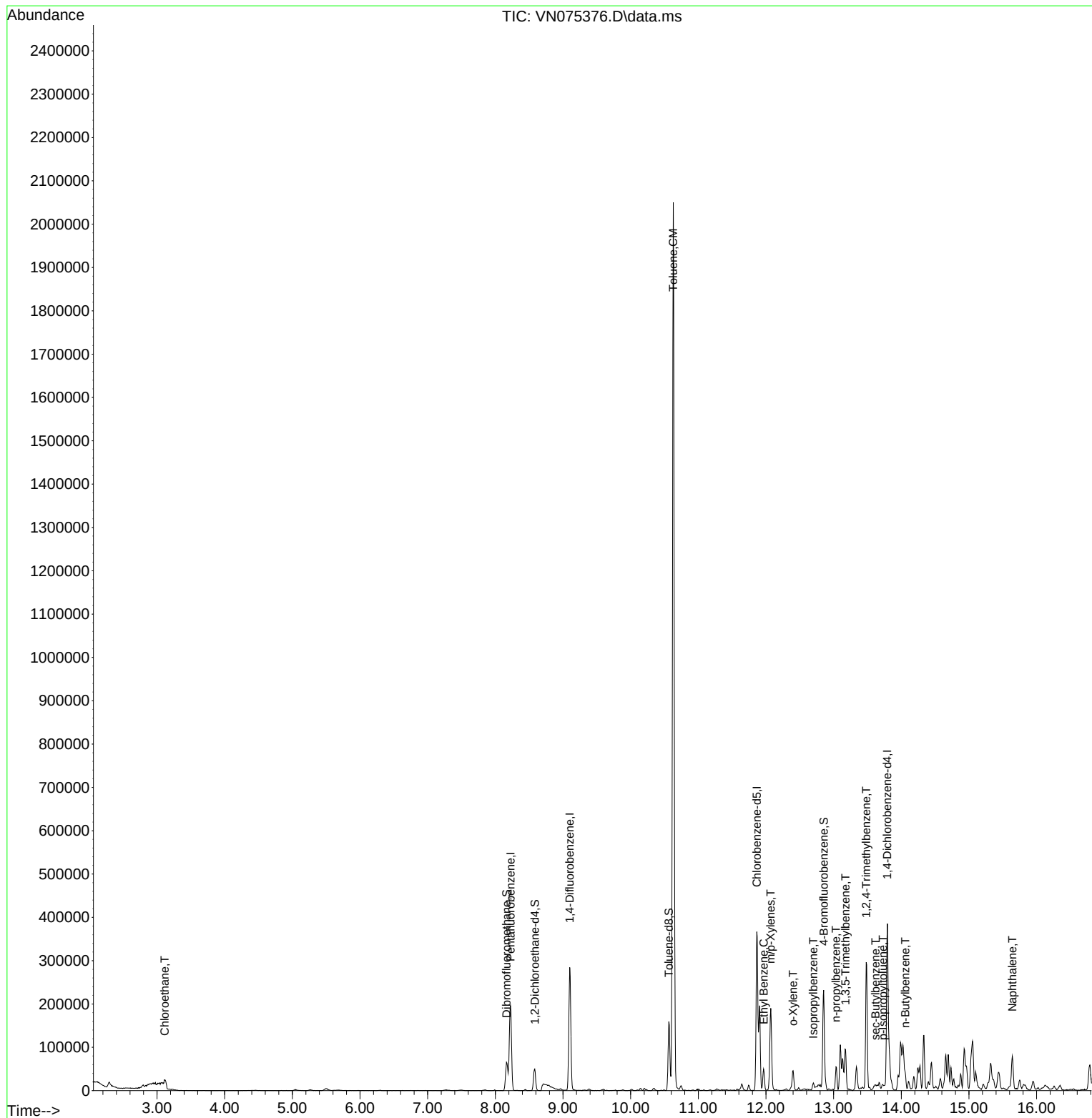
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
Data File : VN075376.D
Acq On : 22 Nov 2022 18:31
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Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 22 Sample Multiplier: 1

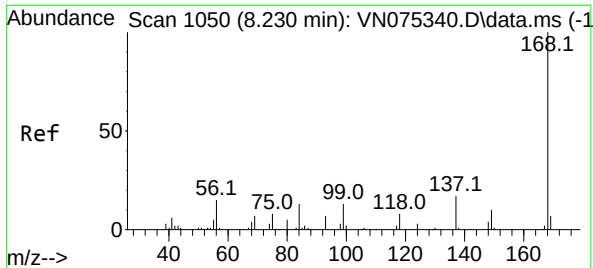
Instrument :
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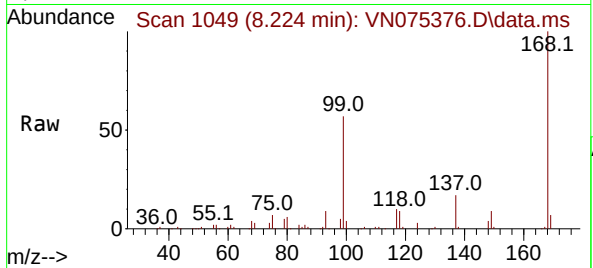
Quant Time: Nov 23 07:13:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 110222
Delta R.T. -0.006 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

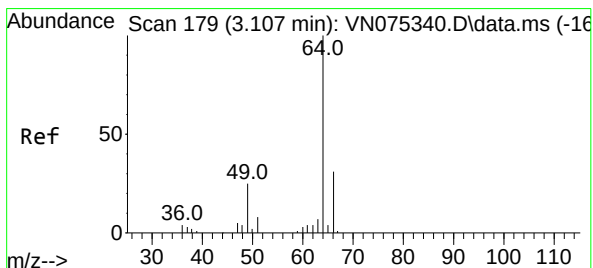
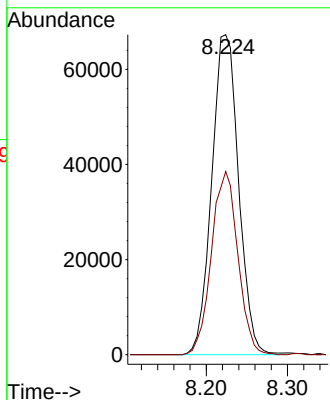
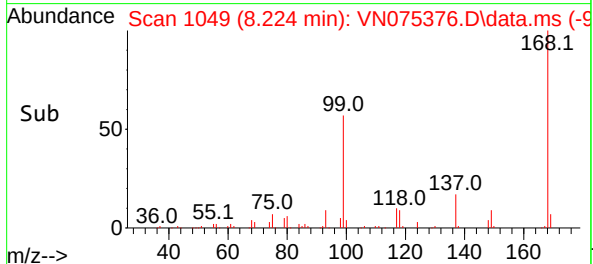
Instrument :
MSVOA_N
ClientSampleId :
110222



Tgt Ion:168 Resp: 15472
Ion Ratio Lower Upper
168 100
99 57.3 51.6 77.4

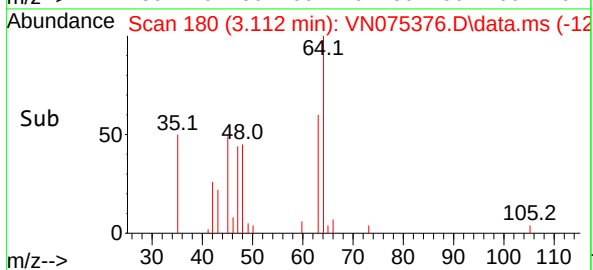
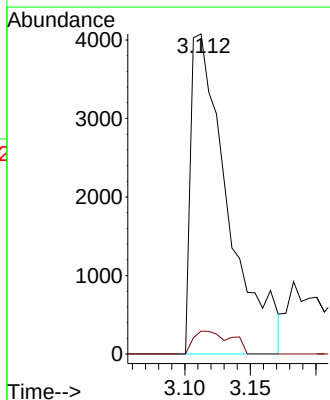
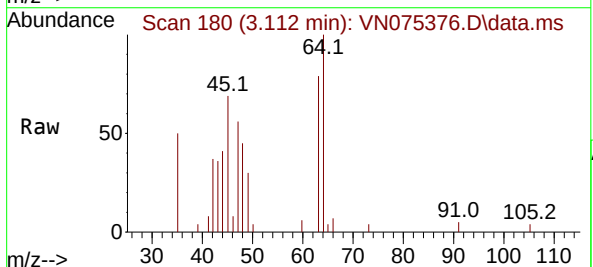
Manual Integrations
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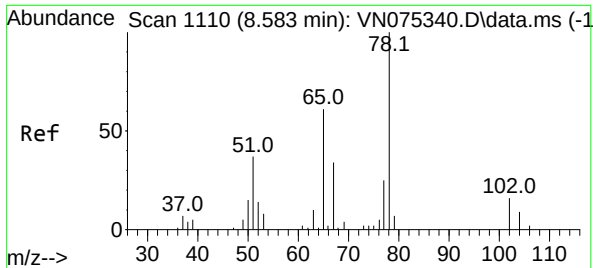
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#6
Chloroethane
Concen: 5.711 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 64 Resp: 8028
Ion Ratio Lower Upper
64 100
66 7.2 23.8 35.8#





#33

1,2-Dichloroethane-d4

Concen: 48.918 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075376.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

110222

Tgt Ion: 65 Resp: 40628

Ion Ratio Lower Upper

65 100

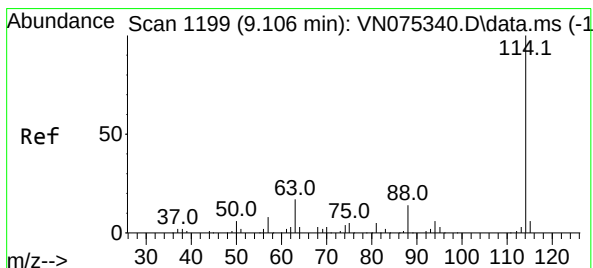
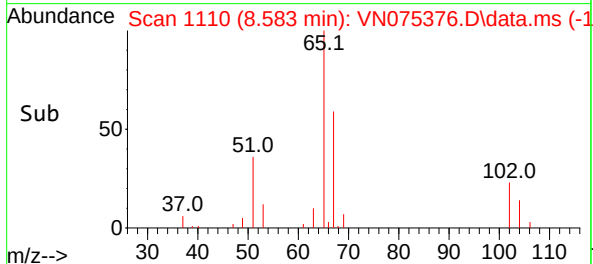
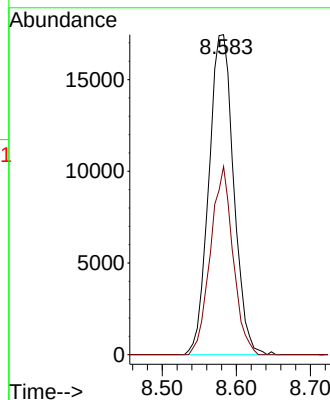
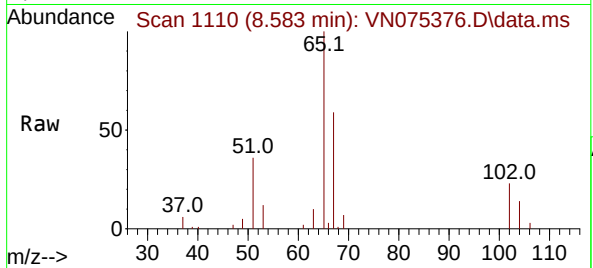
67 53.3 0.0 102.0

Manual Integrations

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Supervised By :Mahesh Dadoda 11/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075376.D

Acq: 22 Nov 2022 18:31

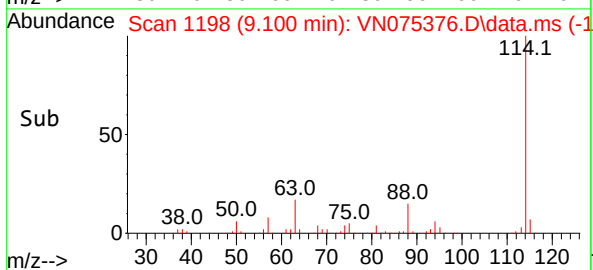
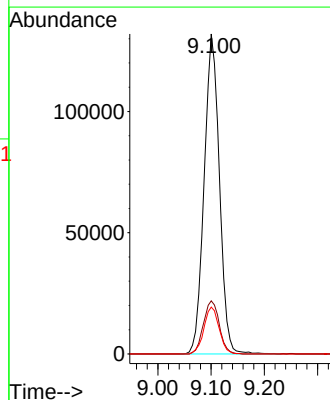
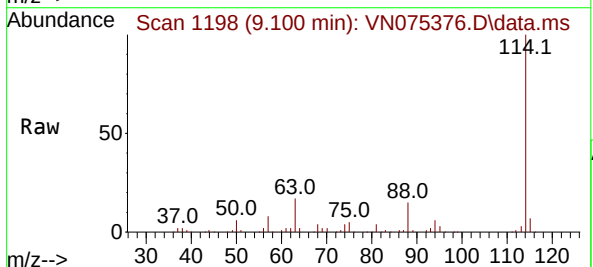
Tgt Ion:114 Resp: 262846

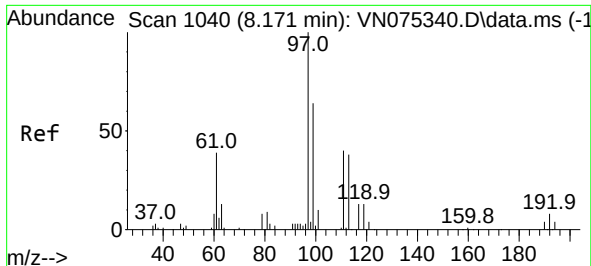
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.908 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075376.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

110222

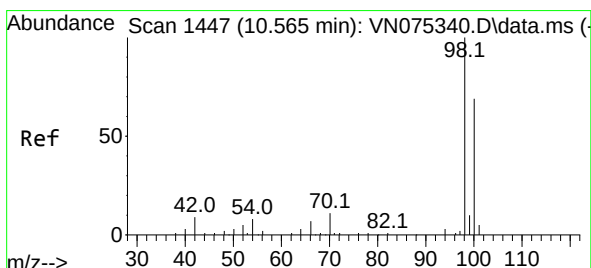
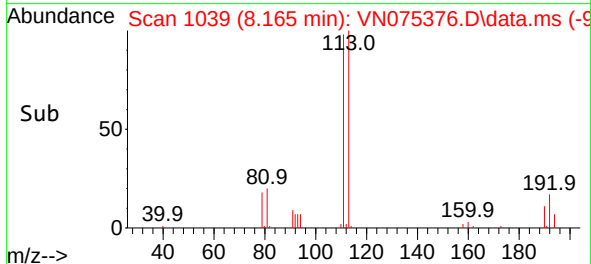
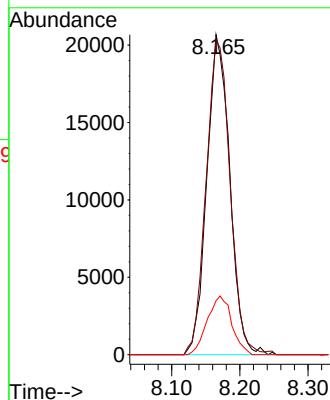
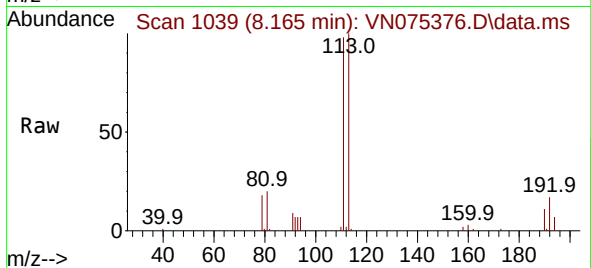
Tgt Ion:	113	Resp:	4843
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.5	120.7
192	19.6	13.2	19.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/25/2022



#50

Toluene-d8

Concen: 48.323 ug/l

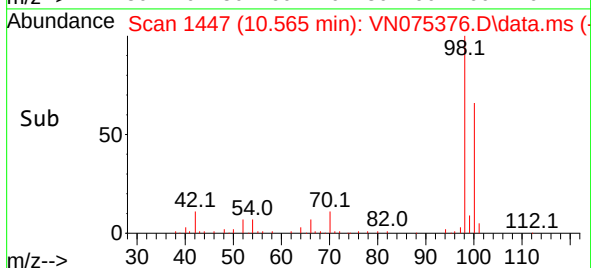
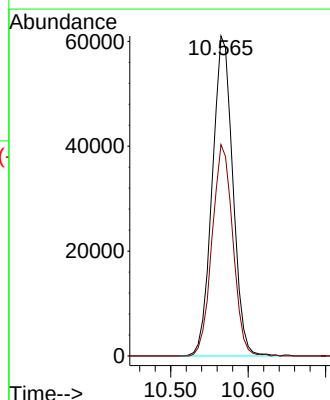
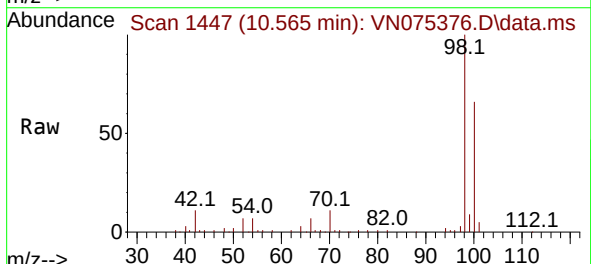
RT: 10.565 min Scan# 1447

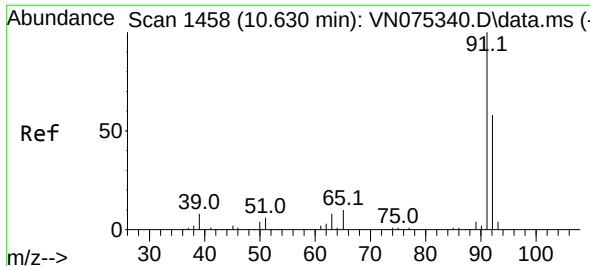
Delta R.T. -0.000 min

Lab File: VN075376.D

Acq: 22 Nov 2022 18:31

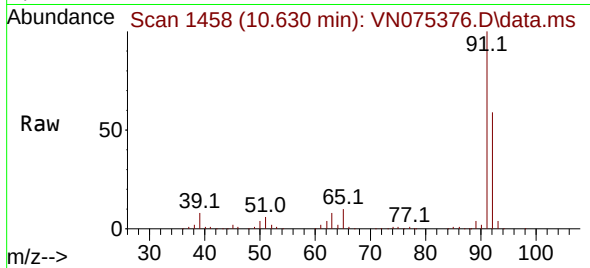
Tgt Ion:	98	Resp:	112379
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6





#52
Toluene
Concen: 210.055 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

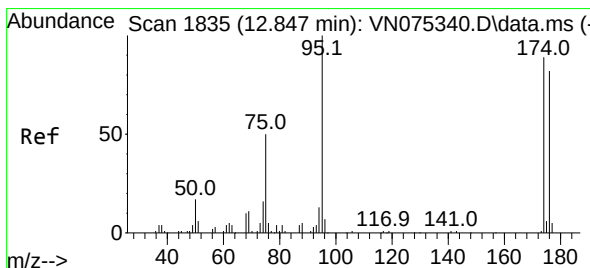
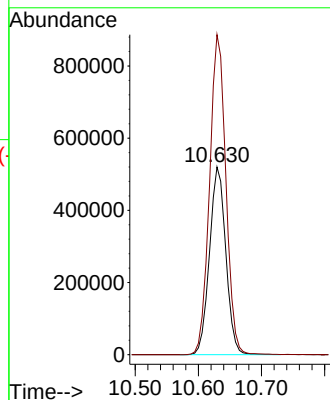
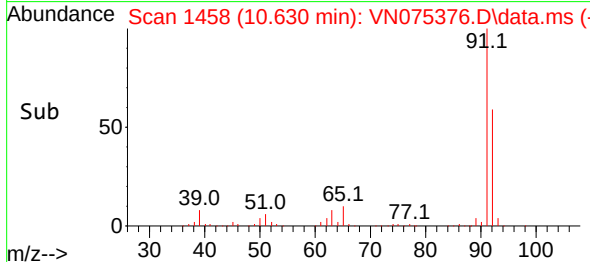
Instrument :
MSVOA_N
ClientSampleId :
110222



Tgt Ion: 92 Resp: 933208
Ion Ratio Lower Upper
92 100
91 170.9 135.4 203.2

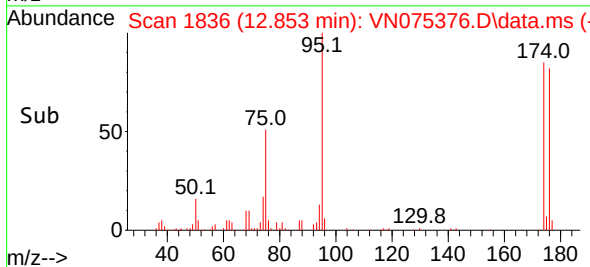
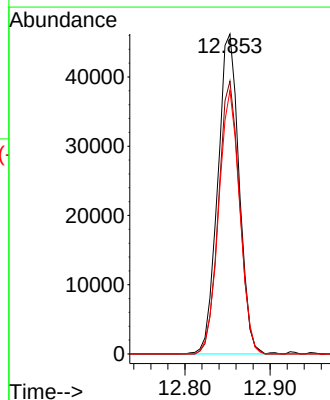
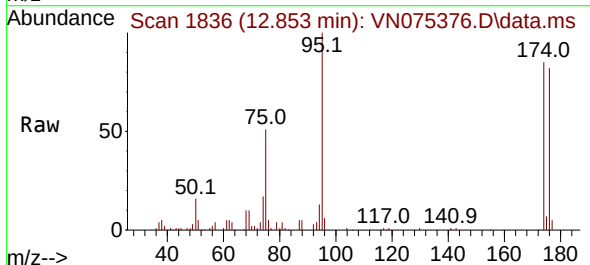
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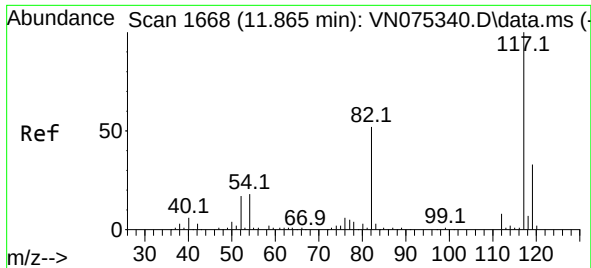
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#62
4-Bromofluorobenzene
Concen: 46.934 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

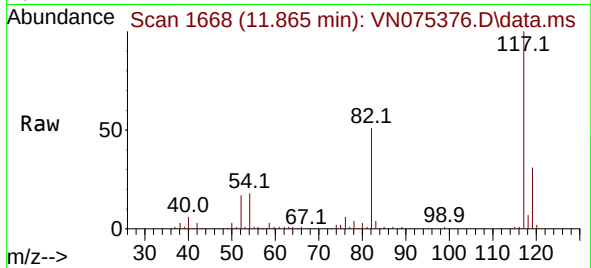
Tgt Ion: 95 Resp: 80564
Ion Ratio Lower Upper
95 100
174 83.6 0.0 147.4
176 80.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

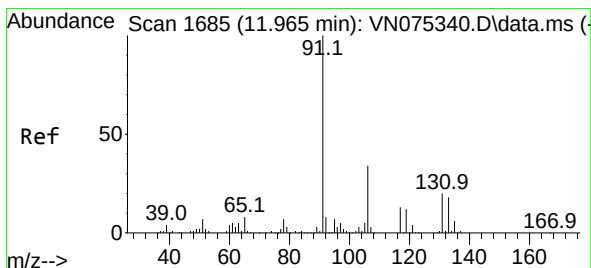
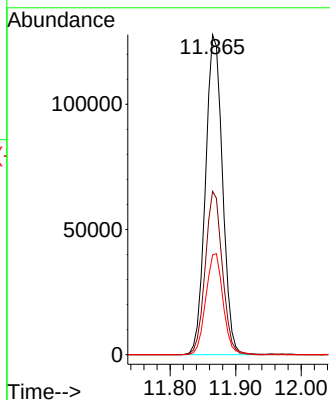
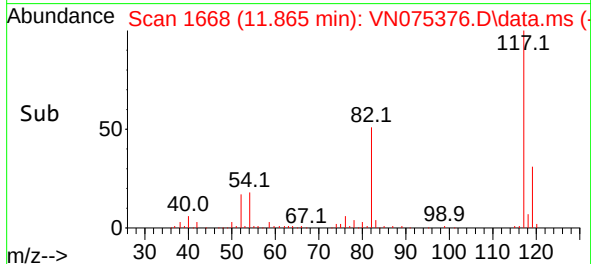
Instrument :
MSVOA_N
ClientSampleId :
110222



Tgt Ion: 117 Resp: 231308
Ion Ratio Lower Upper
117 100
82 51.1 43.1 64.7
119 31.2 25.5 38.3

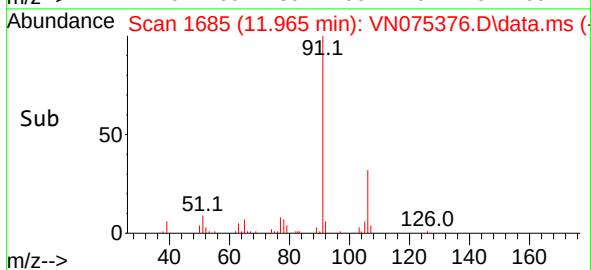
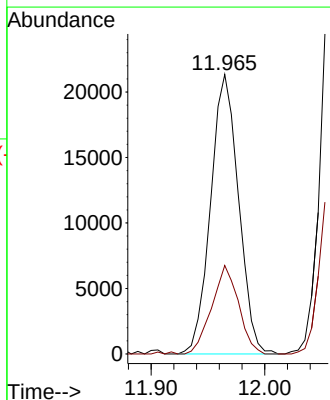
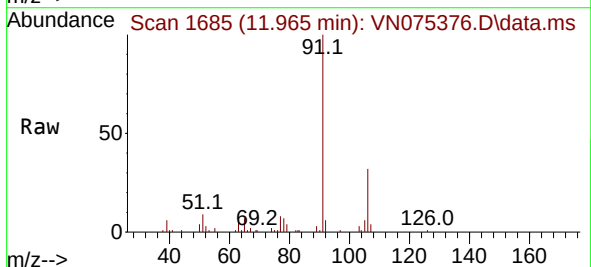
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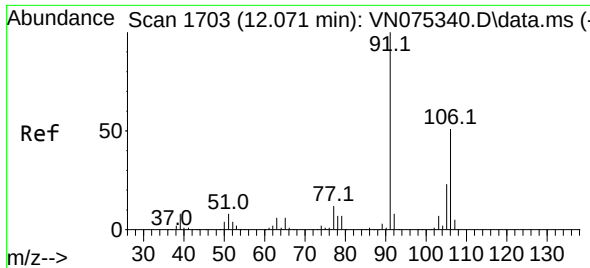
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#67
Ethyl Benzene
Concen: 4.479 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

Tgt Ion: 91 Resp: 36502
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3





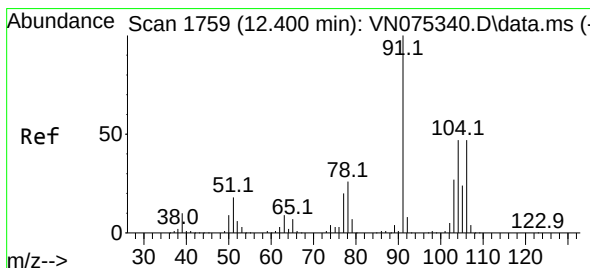
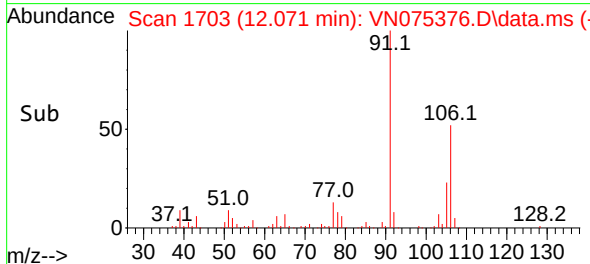
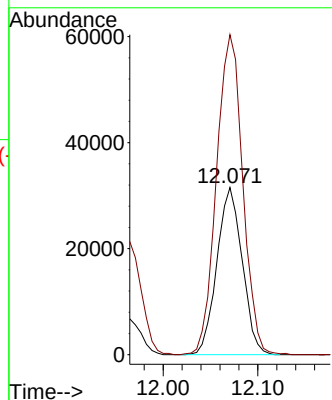
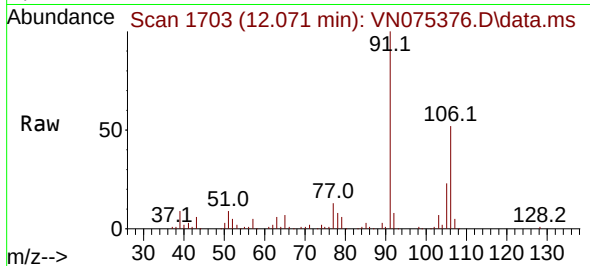
#68
m/p-Xylenes
Concen: 17.714 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
110222

Tgt Ion:106 Resp: 58624
Ion Ratio Lower Upper
106 100
91 198.7 156.0 234.0

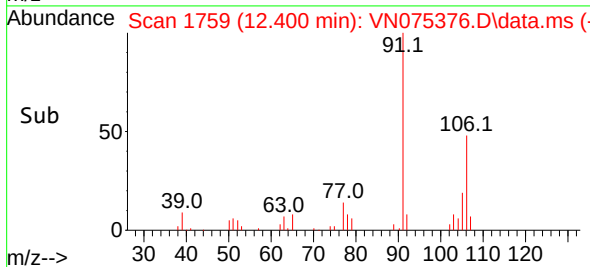
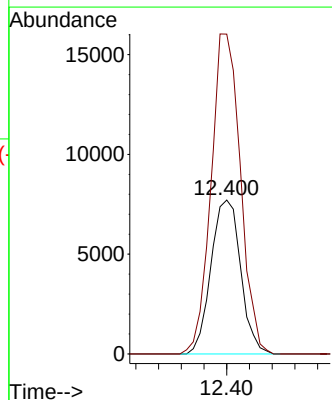
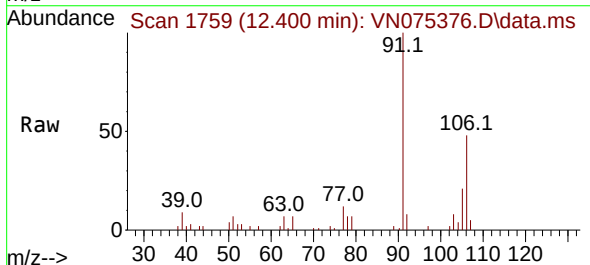
Manual Integrations
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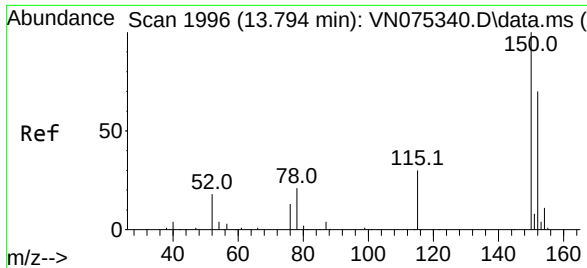
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#69
o-Xylene
Concen: 4.250 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

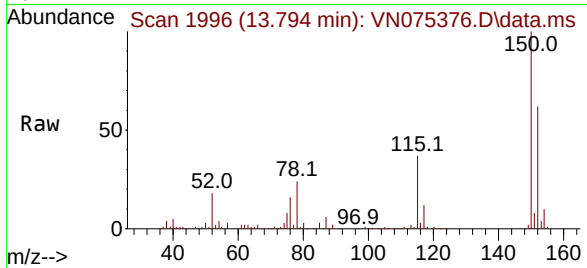
Tgt Ion:106 Resp: 13975
Ion Ratio Lower Upper
106 100
91 206.1 105.2 315.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075376.D
 Acq: 22 Nov 2022 18:31

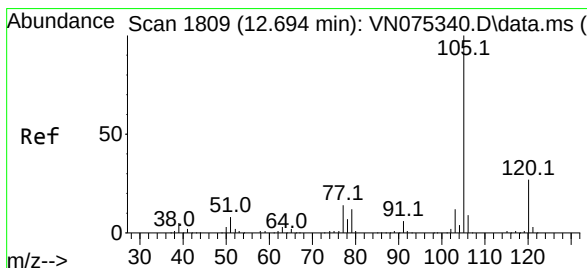
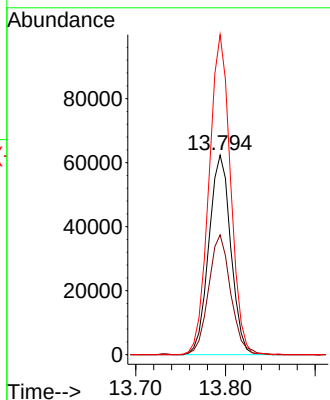
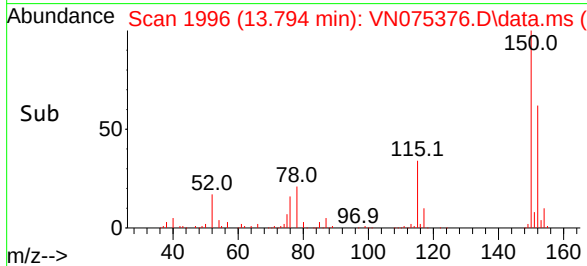
Instrument :
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 110222



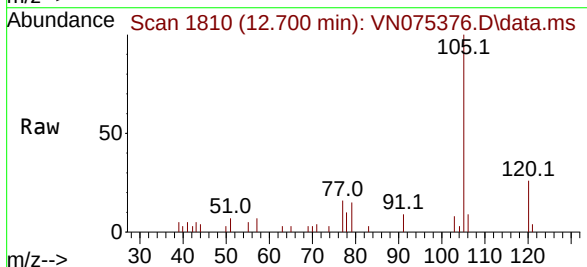
Tgt Ion:152 Resp: 10557
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.2 90.6
 150 157.6 0.0 348.4

Manual Integrations
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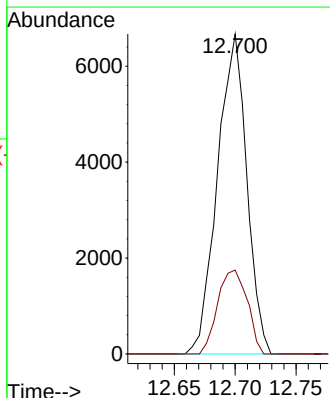
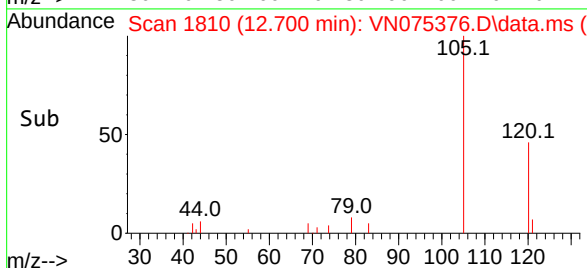
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

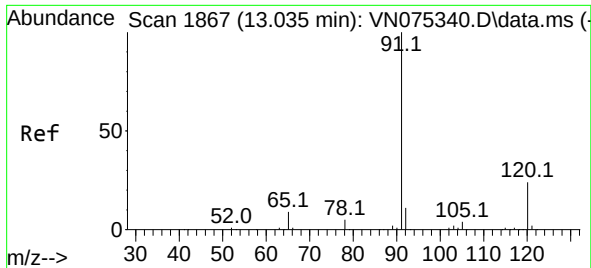


#73
 Isopropylbenzene
 Concen: 1.448 ug/l
 RT: 12.700 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VN075376.D
 Acq: 22 Nov 2022 18:31



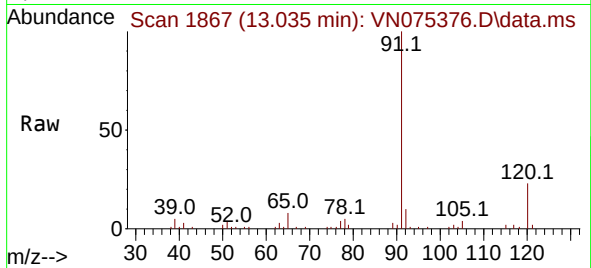
Tgt Ion:105 Resp: 11169
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.1 39.1





#78
n-propylbenzene
Concen: 5.237 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

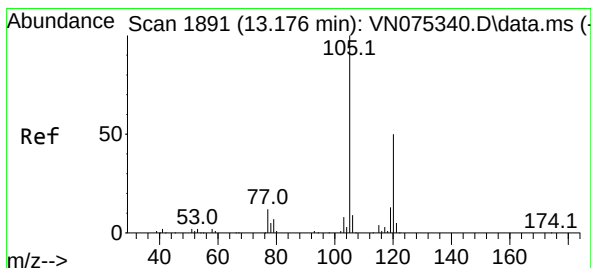
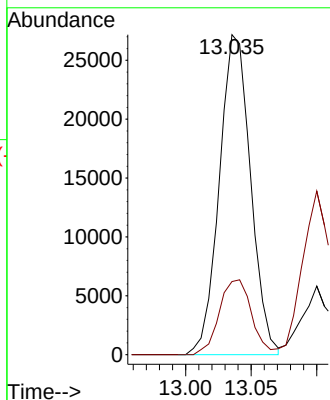
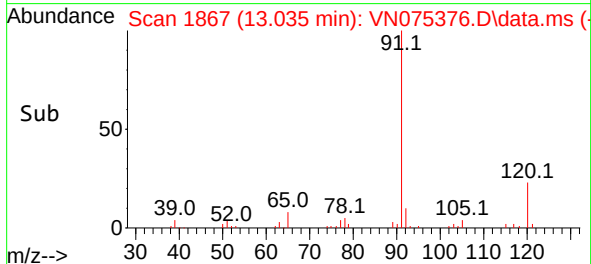
Instrument :
MSVOA_N
ClientSampleId :
110222



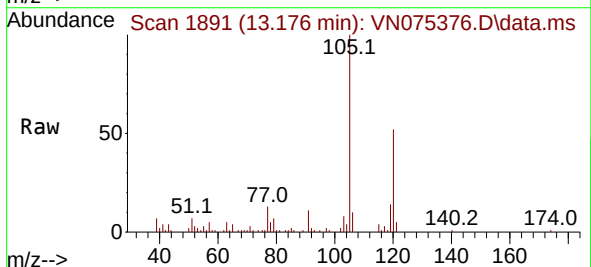
Tgt Ion: 91 Resp: 4508
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5

Manual Integrations
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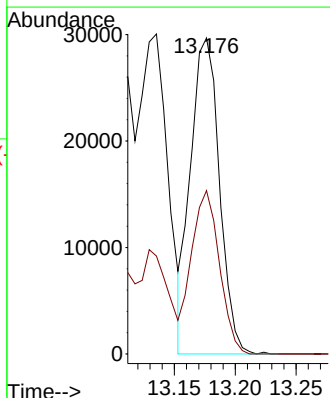
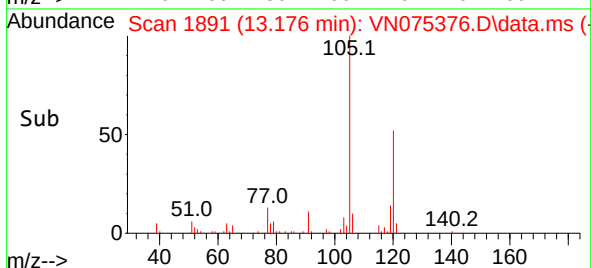
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

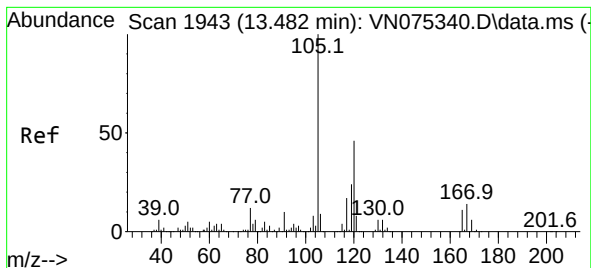


#80
1,3,5-Trimethylbenzene
Concen: 7.623 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31



Tgt Ion:105 Resp: 48854
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 28.013 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075376.D

Acq: 22 Nov 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :

110222

Tgt Ion:105 Resp: 18006

Ion Ratio Lower Upper

105 100

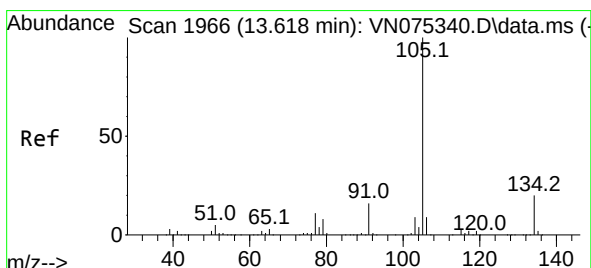
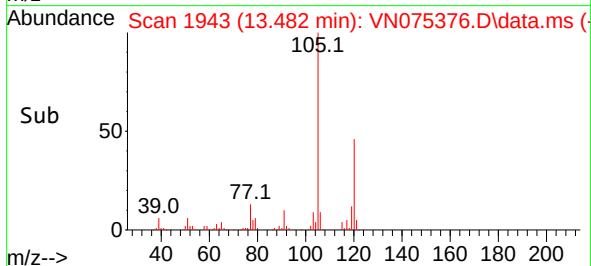
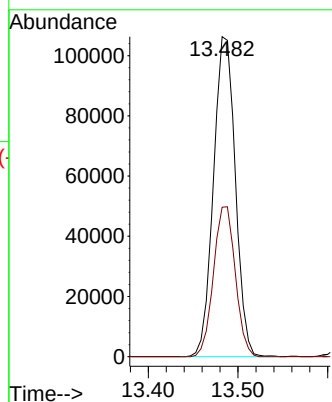
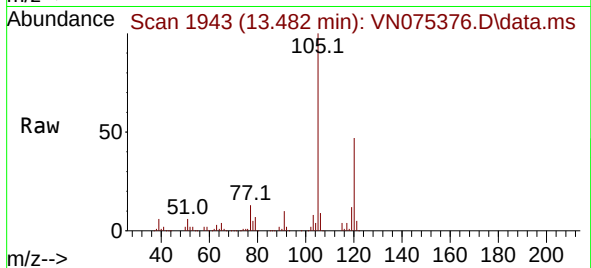
120 46.8 22.7 68.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#85

sec-Butylbenzene

Concen: 0.793 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VN075376.D

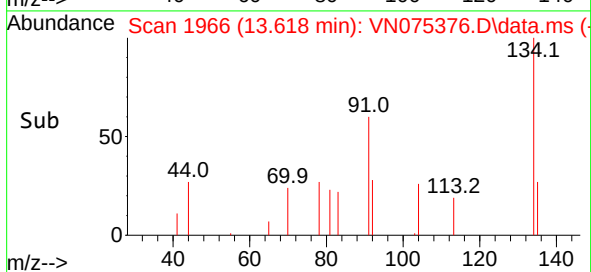
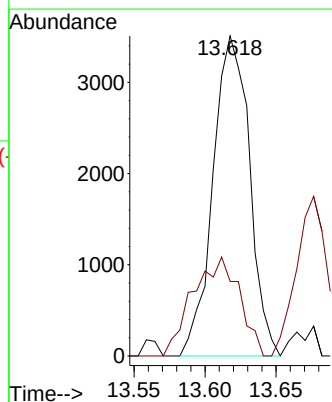
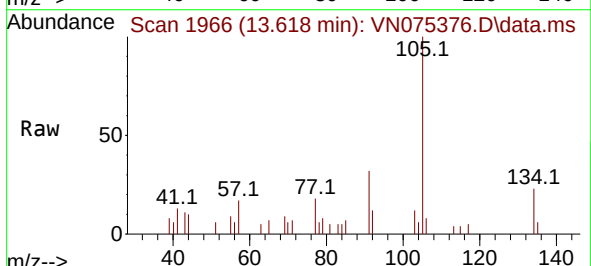
Acq: 22 Nov 2022 18:31

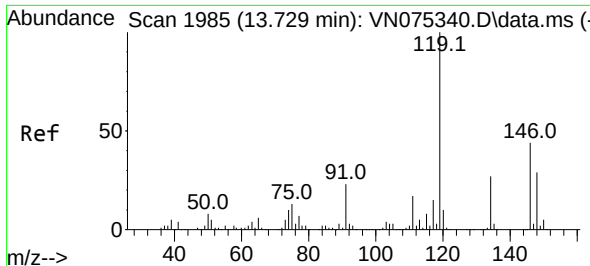
Tgt Ion:105 Resp: 6286

Ion Ratio Lower Upper

105 100

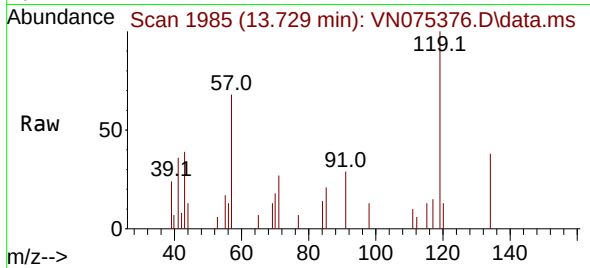
134 39.3 10.2 30.6#





#86
p-Isopropyltoluene
Concen: 0.610 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

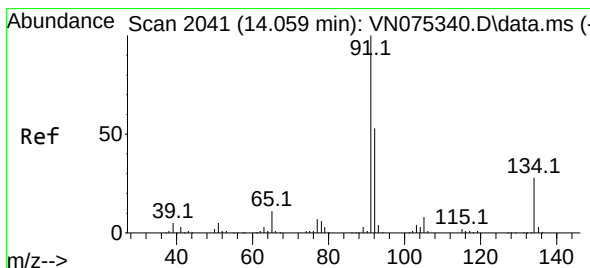
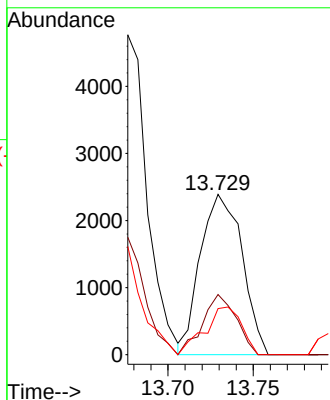
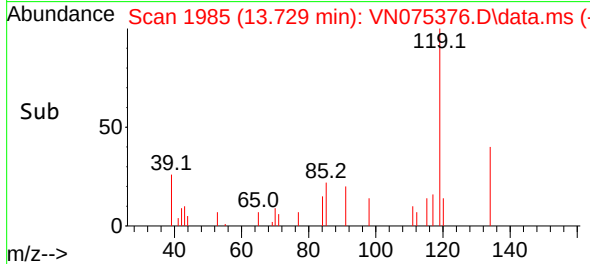
Instrument :
MSVOA_N
ClientSampleId :
110222



Tgt Ion: 119 Resp: 4068
Ion Ratio Lower Upper
119 100
134 30.3 13.1 39.3
91 26.4 11.9 35.5

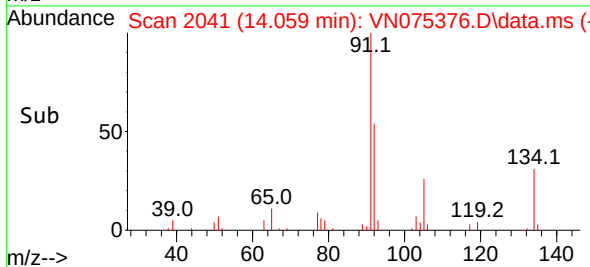
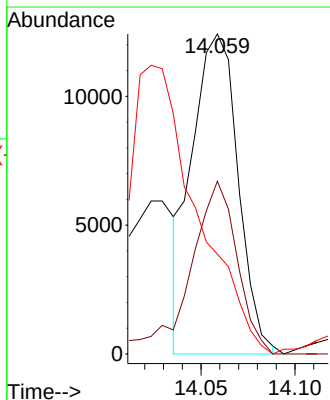
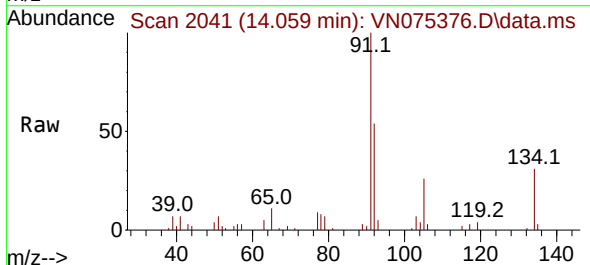
Manual Integrations
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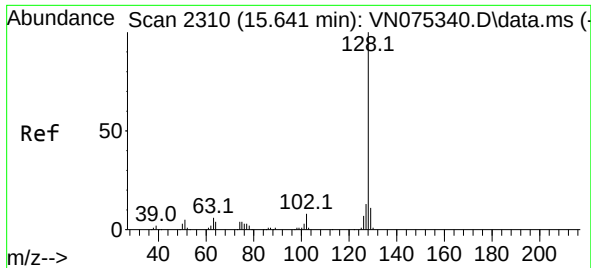
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#89
n-Butylbenzene
Concen: 3.760 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

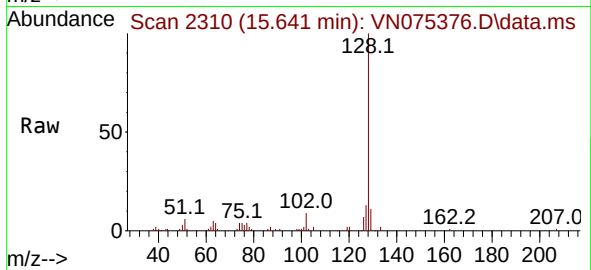
Tgt Ion: 91 Resp: 21181
Ion Ratio Lower Upper
91 100
92 54.2 26.5 79.4
134 0.0 13.0 39.0#





#95
Naphthalene
Concen: 12.879 ug/l
RT: 15.641 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075376.D
Acq: 22 Nov 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :
110222



Tgt Ion:128 Resp: 73025
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

