

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075391.D
 Acq On : 23 Nov 2022 13:12
 Operator : JC\MD
 Sample : N5644-02 5X
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 110222DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 13:32:50 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	8.230	168	151188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43926	54.126	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	8.165	113	50189	49.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.920%			
50) Toluene-d8	10.565	98	115472	51.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.853	95	87068	52.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.280%			
Target Compounds					Qvalue	
52) Toluene	10.629	92	171713	39.730	ug/l	98
67) Ethyl Benzene	11.959	91	7751	0.950	ug/l #	83
68) m/p-Xylenes	12.070	106	11512	3.475	ug/l	90
69) o-Xylene	12.400	106	3336	1.014	ug/l	88
73) Isopropylbenzene	12.694	105	3083	0.380	ug/l	96
78) n-propylbenzene	13.035	91	10895	1.203	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	12375	1.836	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	42257	6.249	ug/l	98
86) p-Isopropyltoluene	13.729	119	1596m	0.227	ug/l	
89) n-Butylbenzene	14.059	91	6394	1.079	ug/l #	77
95) Naphthalene	15.641	128	21712	3.640	ug/l	98

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

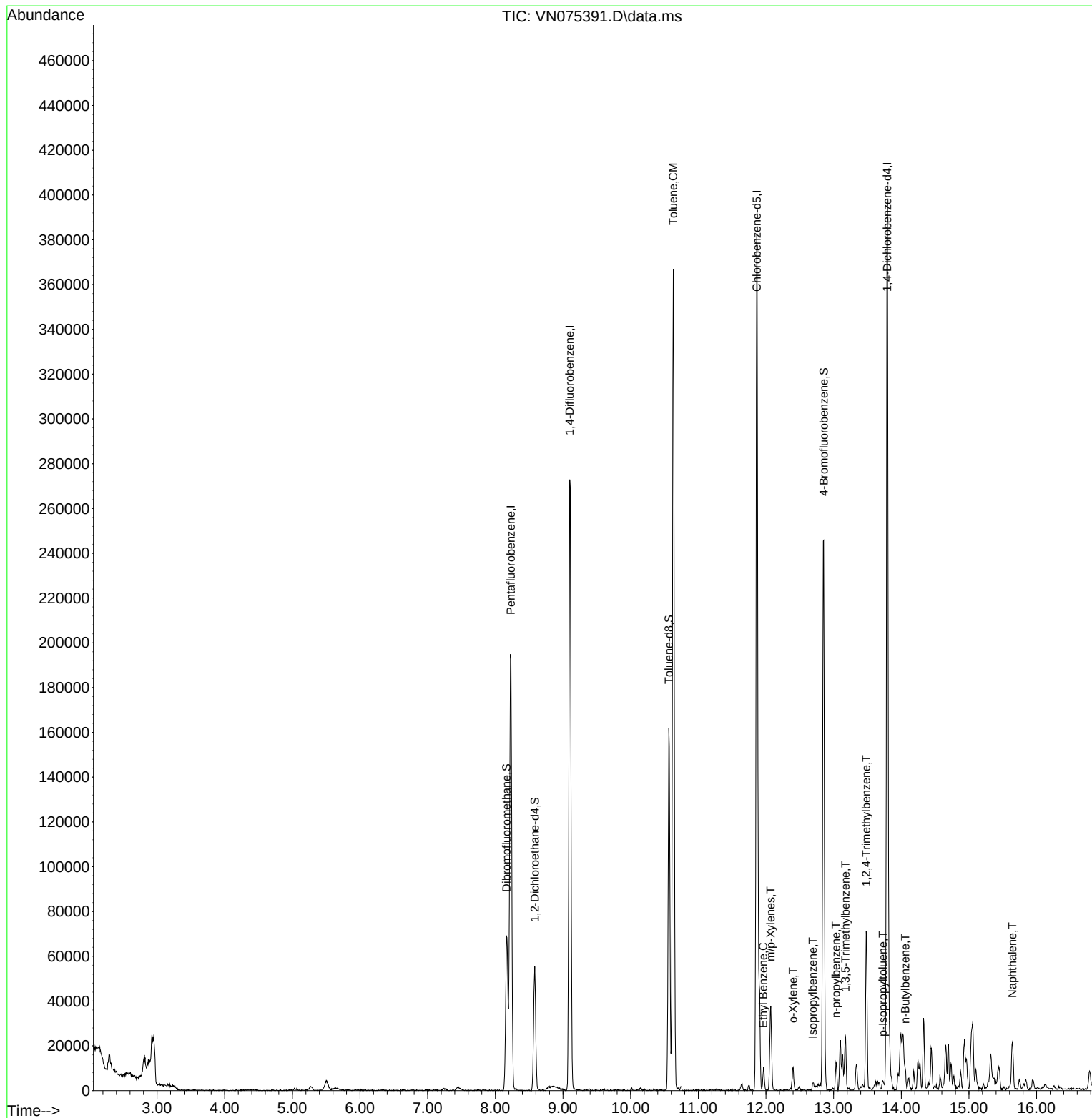
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
Data File : VN075391.D
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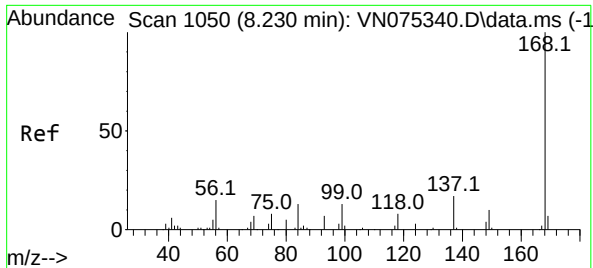
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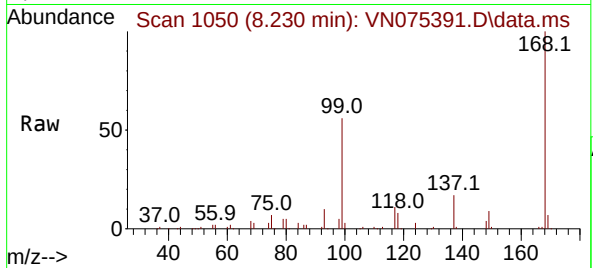
Quant Time: Nov 23 13:32:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110222DL
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

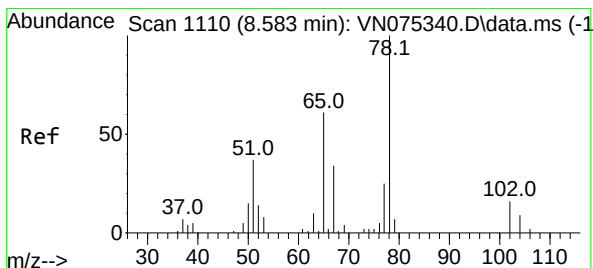
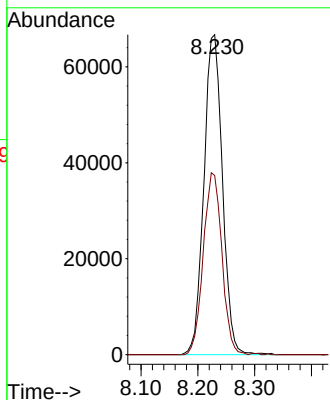
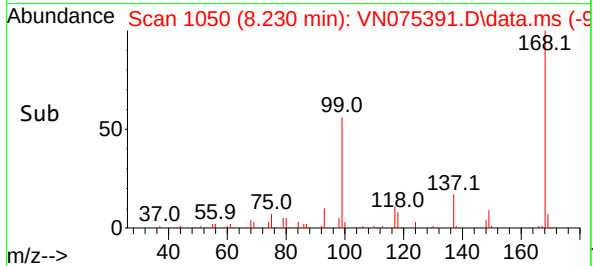
Instrument :
MSVOA_N
ClientSampleId :
110222DL



Tgt Ion:168 Resp: 15118
Ion Ratio Lower Upper
168 100
99 56.0 51.6 77.4

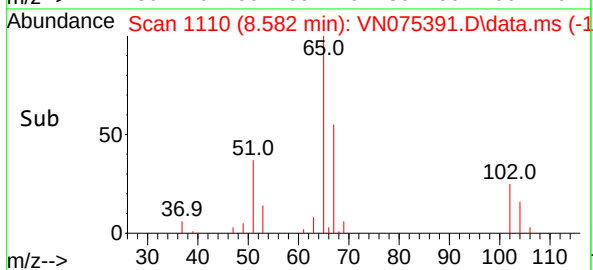
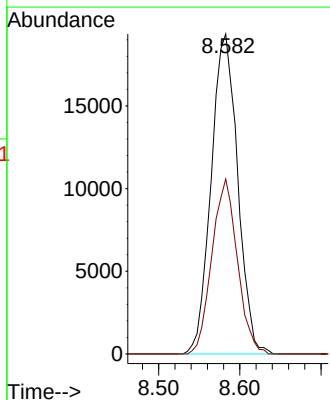
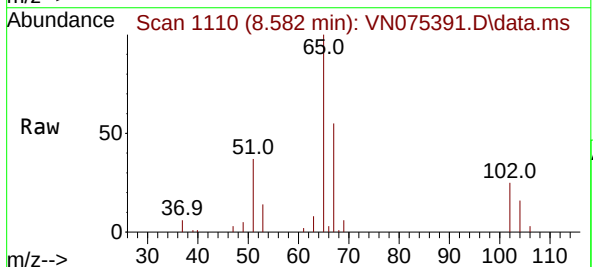
Manual Integrations
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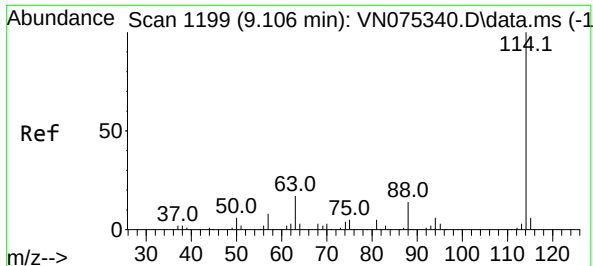
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#33
1,2-Dichloroethane-d4
Concen: 54.126 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

Tgt Ion: 65 Resp: 43926
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075391.D

Acq: 23 Nov 2022 13:12

Instrument :

MSVOA_N

ClientSampleId :

110222DL

Tgt Ion:114 Resp: 255704

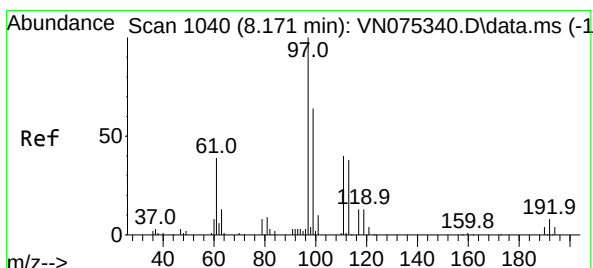
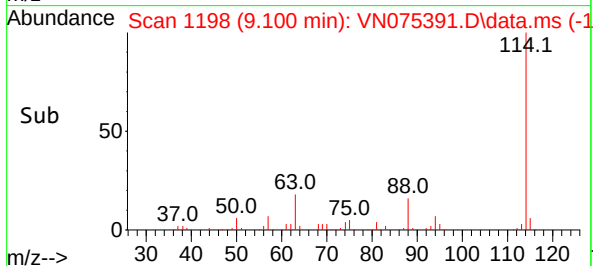
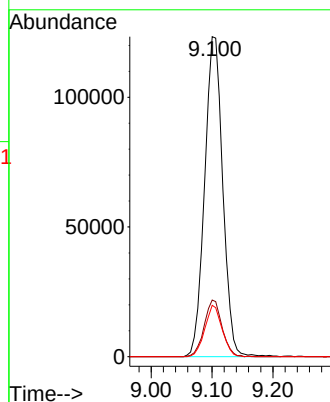
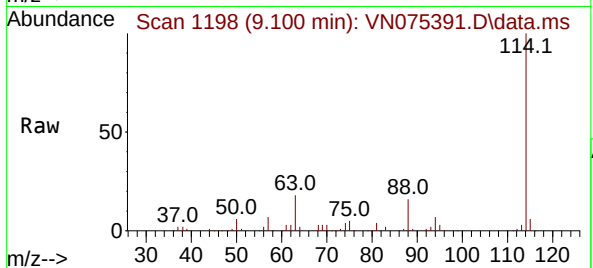
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	39.6
88	16.1	0.0	29.0

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#35

Dibromofluoromethane

Concen: 49.965 ug/l

RT: 8.165 min Scan# 1039

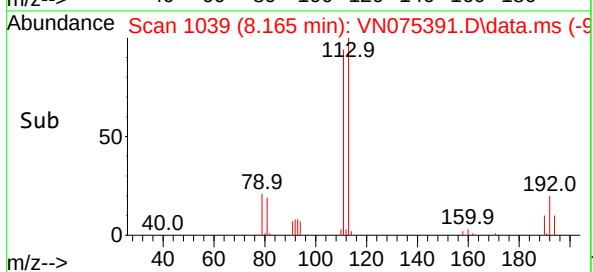
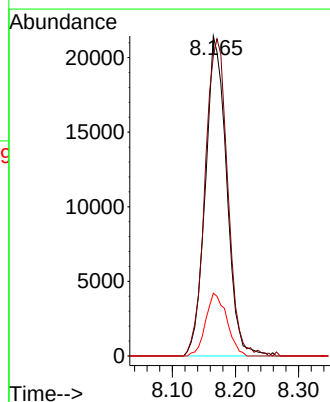
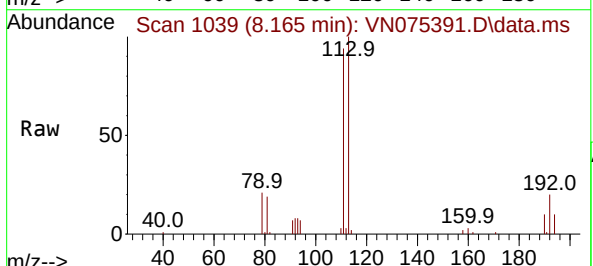
Delta R.T. -0.006 min

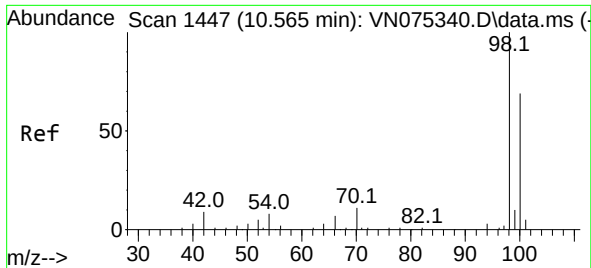
Lab File: VN075391.D

Acq: 23 Nov 2022 13:12

Tgt Ion:113 Resp: 50189

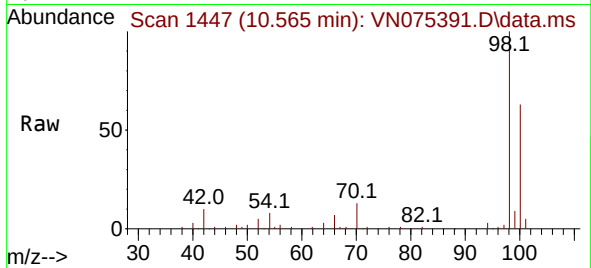
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.5	120.7
192	19.5	13.2	19.8





#50
Toluene-d8
Concen: 51.040 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

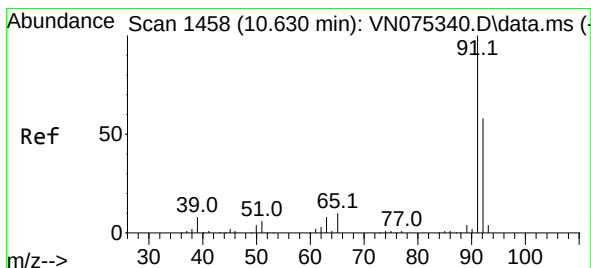
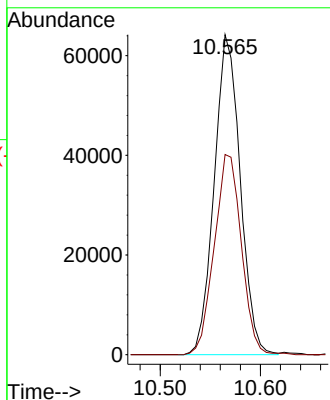
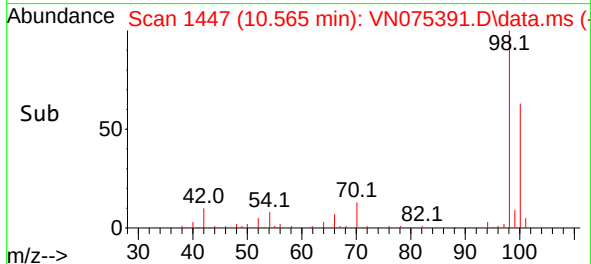
Instrument :
MSVOA_N
ClientSampleId :
110222DL



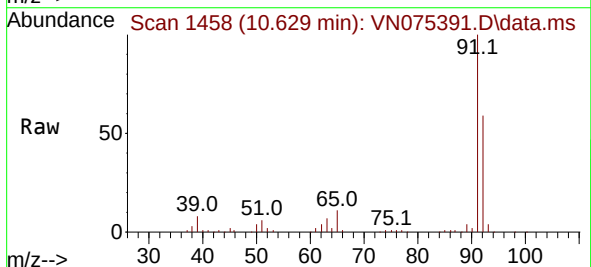
Tgt Ion: 98 Resp: 115472
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6

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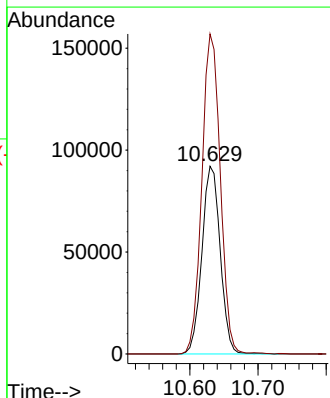
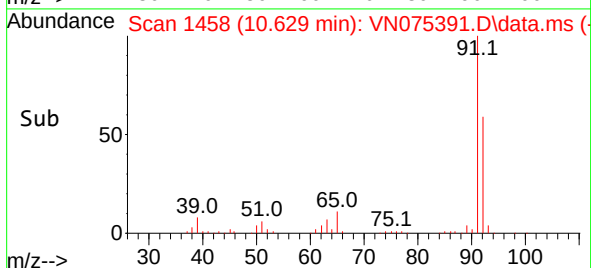
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

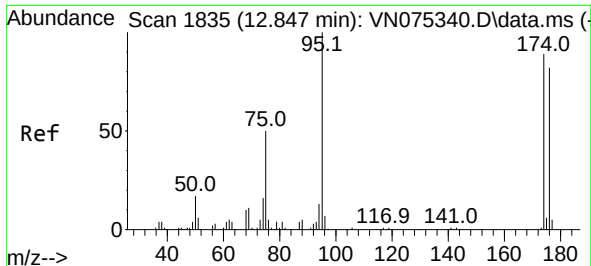


#52
Toluene
Concen: 39.730 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12



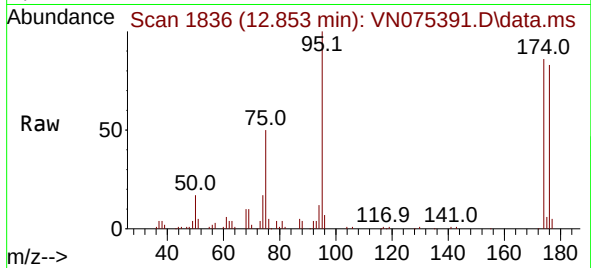
Tgt Ion: 92 Resp: 171713
Ion Ratio Lower Upper
92 100
91 171.6 135.4 203.2





#62
4-Bromofluorobenzene
Concen: 52.140 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

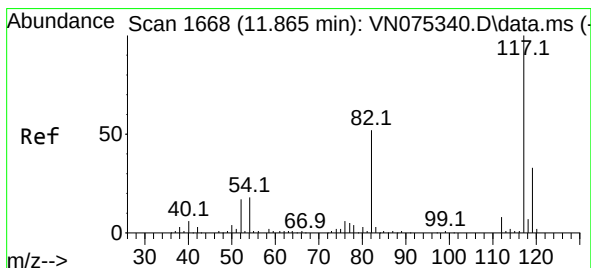
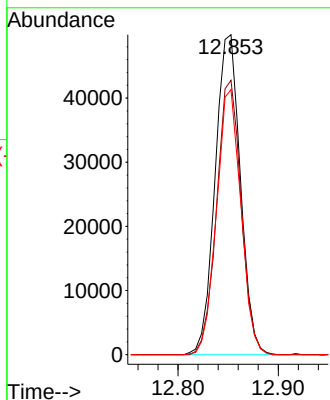
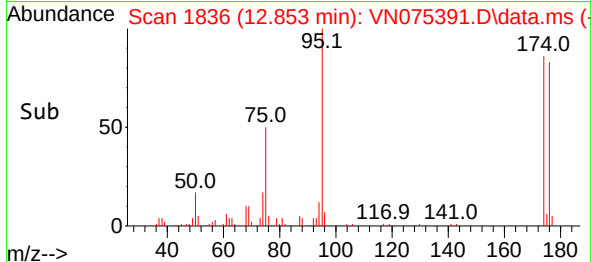
Instrument :
MSVOA_N
ClientSampleId :
110222DL



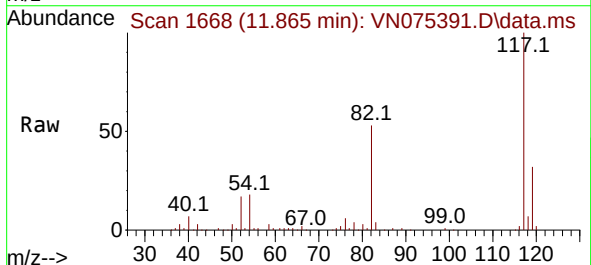
Tgt Ion: 95 Resp: 87068
Ion Ratio Lower Upper
95 100
174 83.2 0.0 147.4
176 80.0 0.0 142.2

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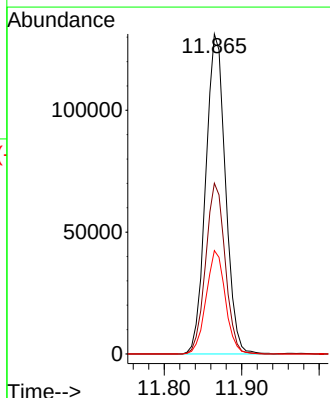
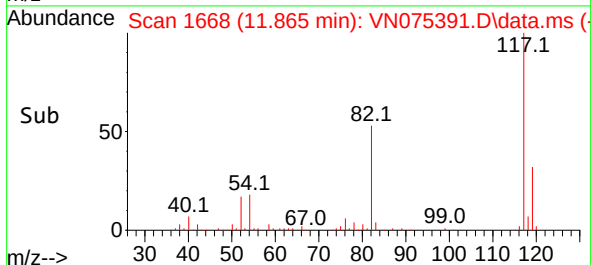
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

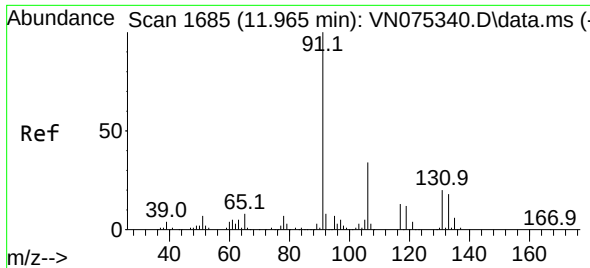


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12



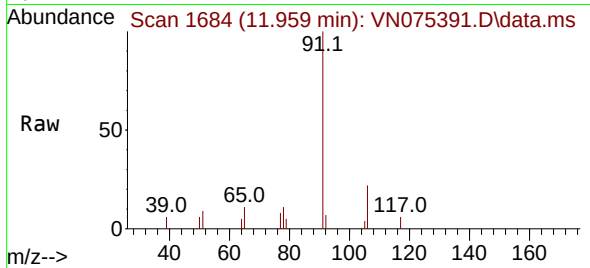
Tgt Ion:117 Resp: 231537
Ion Ratio Lower Upper
117 100
82 53.4 43.1 64.7
119 32.3 25.5 38.3





#67
Ethyl Benzene
Concen: 0.950 ug/l
RT: 11.959 min Scan# 110222DL
Delta R.T. -0.006 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

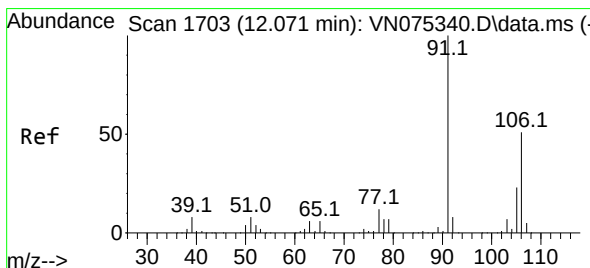
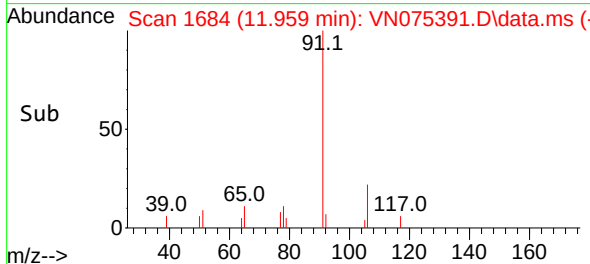
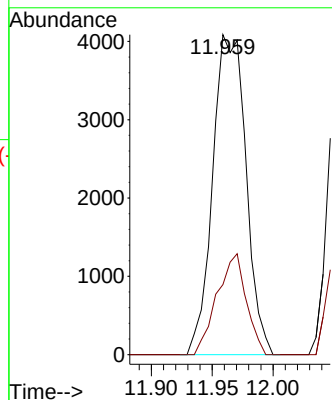
Instrument :
MSVOA_N
ClientSampleId :
110222DL



Tgt Ion: 91 Resp: 775
Ion Ratio Lower Upper
91 100
106 21.9 24.9 37.3

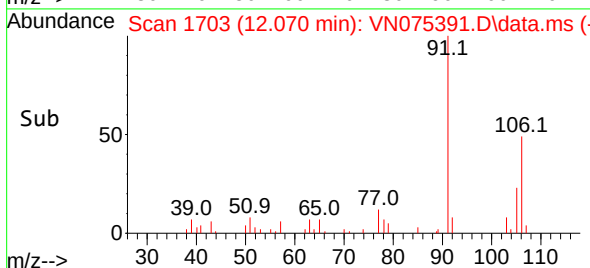
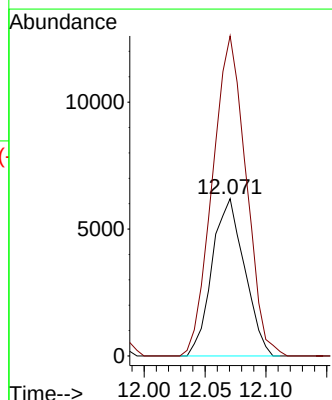
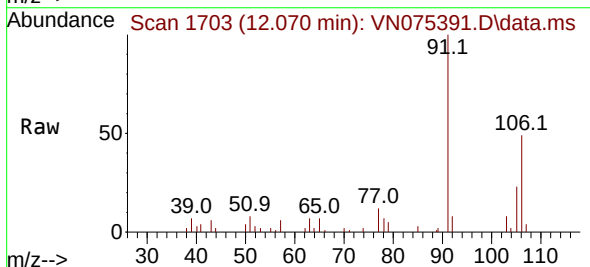
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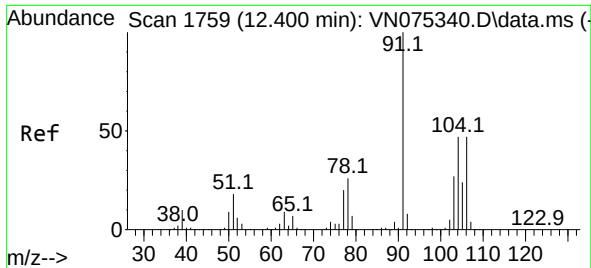
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#68
m/p-Xylenes
Concen: 3.475 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

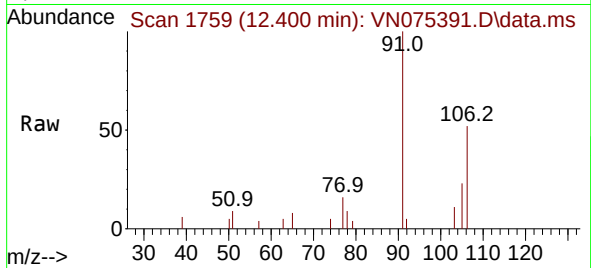
Tgt Ion:106 Resp: 11512
Ion Ratio Lower Upper
106 100
91 210.1 156.0 234.0





#69
o-Xylene
Concen: 1.014 ug/l
RT: 12.400 min Scan# 110222DL
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

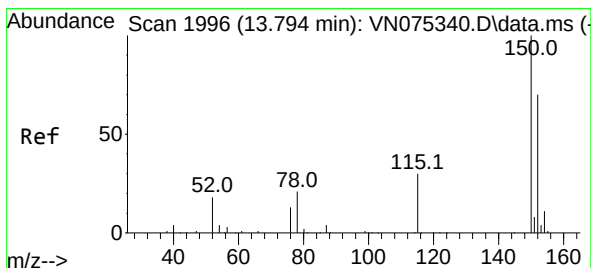
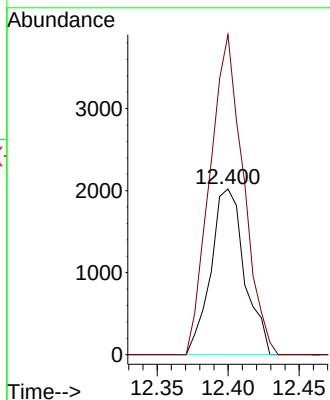
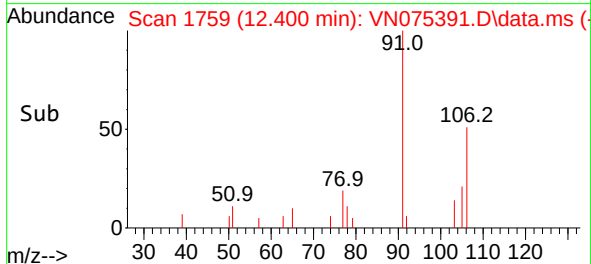
Instrument :
MSVOA_N
ClientSampleId :
110222DL



Tgt Ion:106 Resp: 3330
Ion Ratio Lower Upper
106 100
91 192.0 105.2 315.5

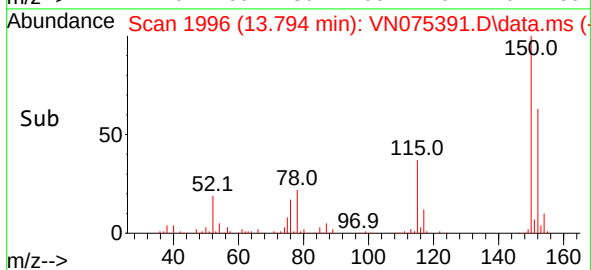
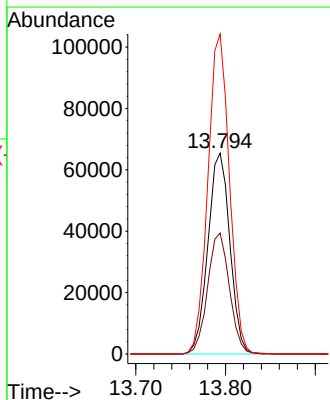
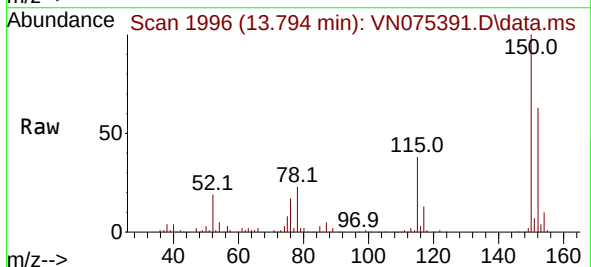
Manual Integrations
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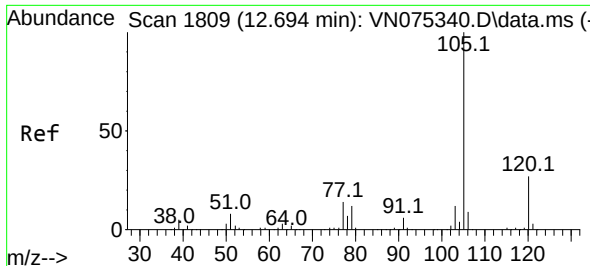
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

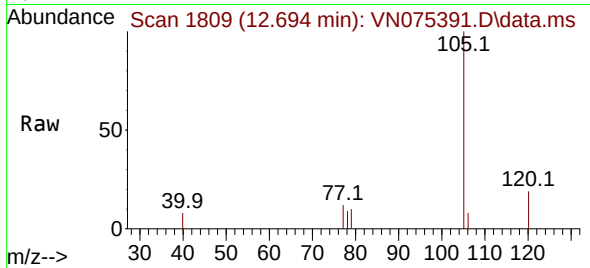
Tgt Ion:152 Resp: 111060
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 156.1 0.0 348.4





#73
Isopropylbenzene
Concen: 0.380 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

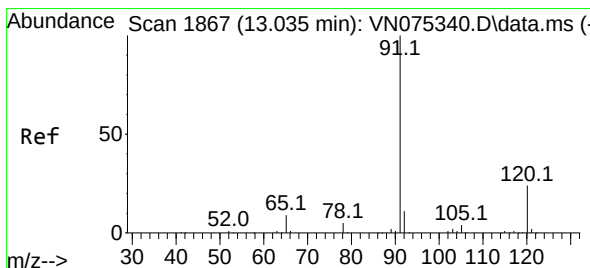
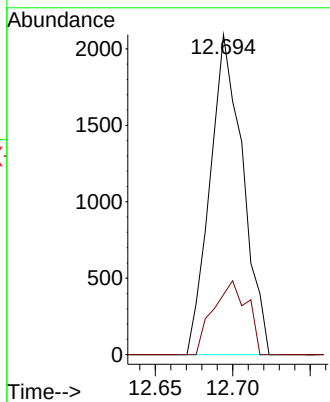
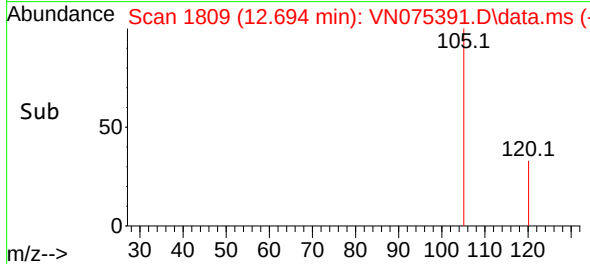
Instrument :
MSVOA_N
ClientSampleId :
110222DL



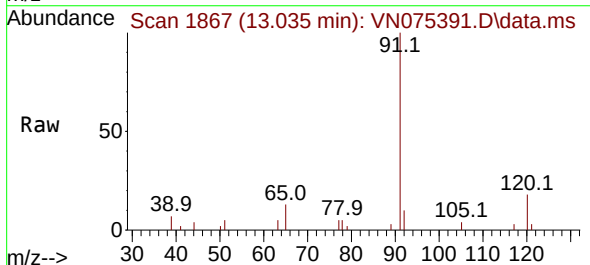
Tgt Ion:105 Resp: 308
Ion Ratio Lower Upper
105 100
120 23.9 13.1 39.1

Manual Integrations
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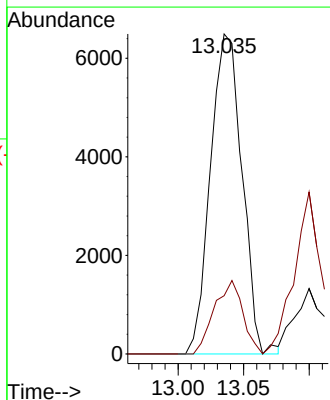
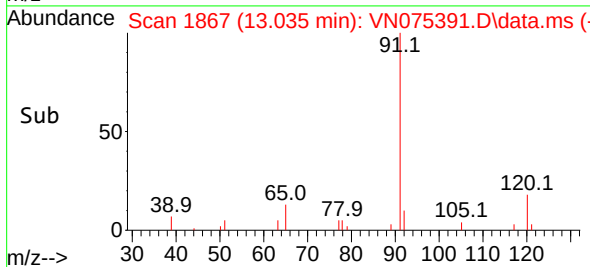
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

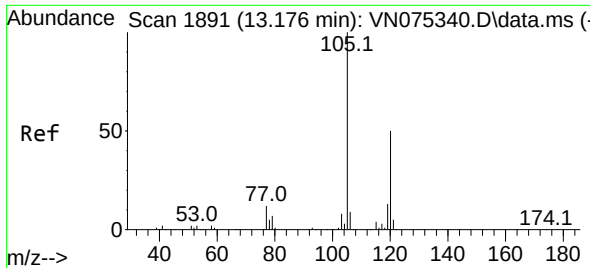


#78
n-propylbenzene
Concen: 1.203 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12



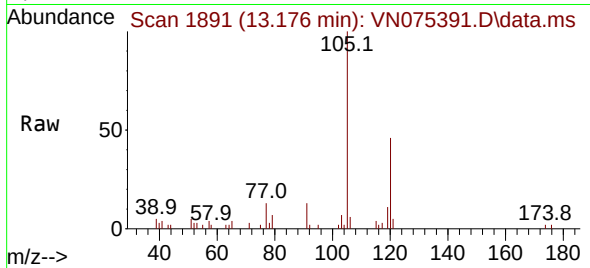
Tgt Ion: 91 Resp: 10895
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.5





#80
 1,3,5-Trimethylbenzene
 Concen: 1.836 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075391.D
 Acq: 23 Nov 2022 13:12

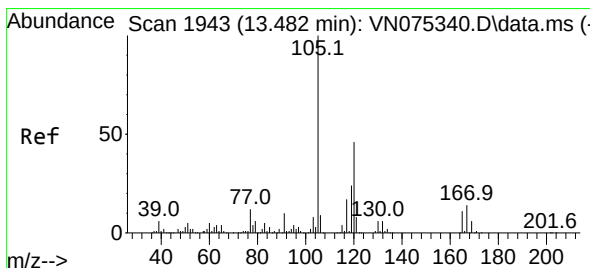
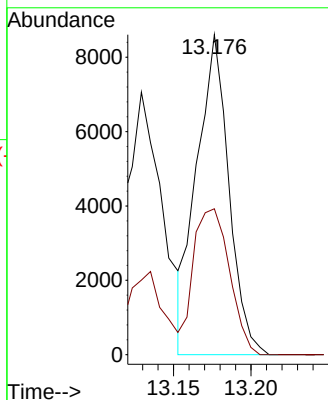
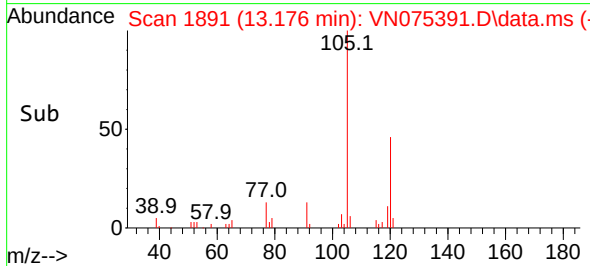
Instrument :
 MSVOA_N
 ClientSampleId :
 110222DL



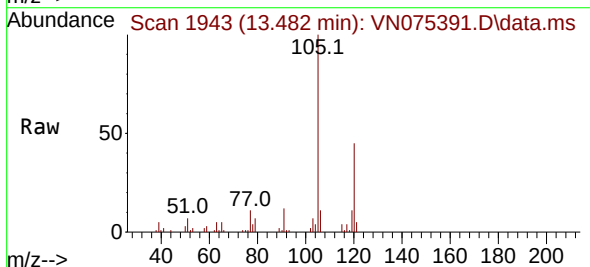
Tgt Ion:105 Resp: 12375
 Ion Ratio Lower Upper
 105 100
 120 51.4 24.7 74.1

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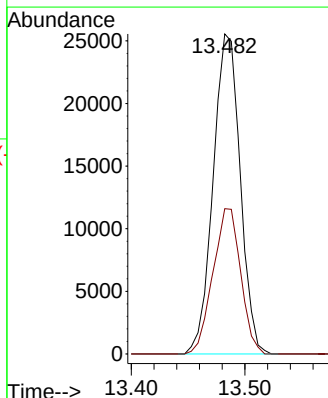
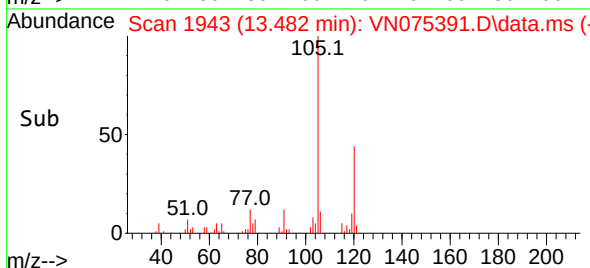
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

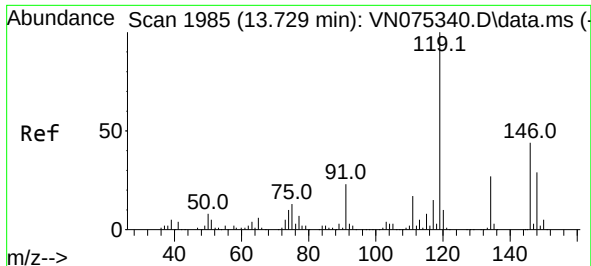


#84
 1,2,4-Trimethylbenzene
 Concen: 6.249 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075391.D
 Acq: 23 Nov 2022 13:12



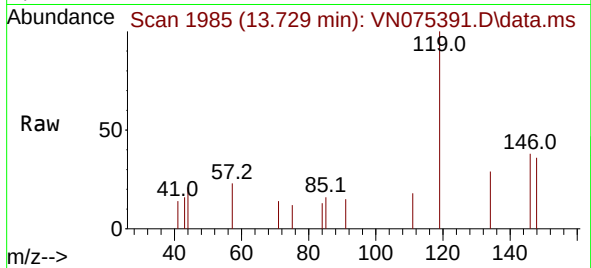
Tgt Ion:105 Resp: 42257
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.7 68.1





#86
p-Isopropyltoluene
Concen: 0.227 ug/l m
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

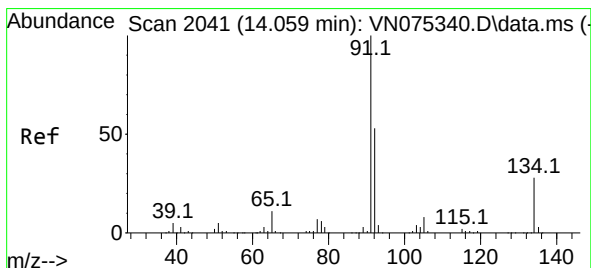
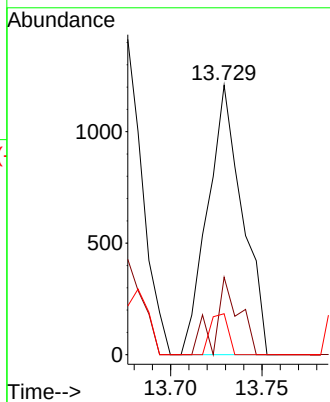
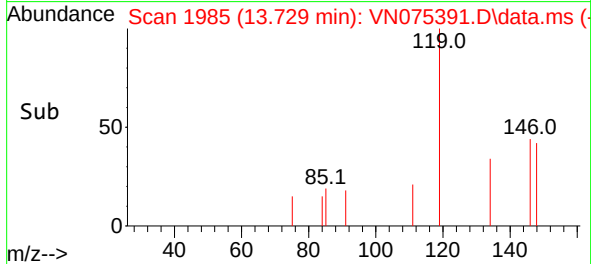
Instrument :
MSVOA_N
ClientSampleId :
110222DL



Tgt Ion: 119 Resp: 1590
Ion Ratio Lower Upper
119 100
134 36.2 13.1 39.3
91 35.7 11.9 35.5

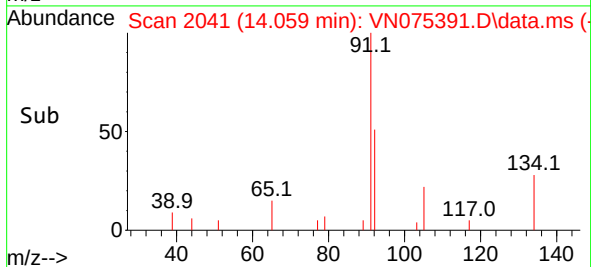
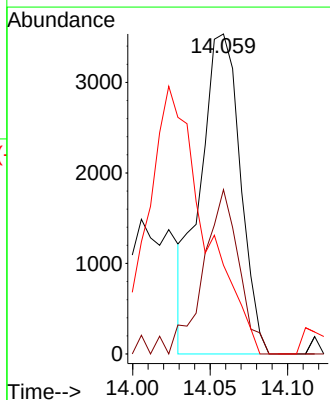
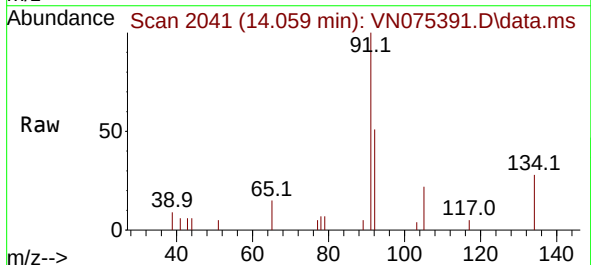
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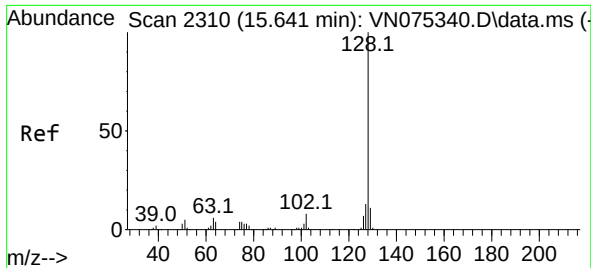
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#89
n-Butylbenzene
Concen: 1.079 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

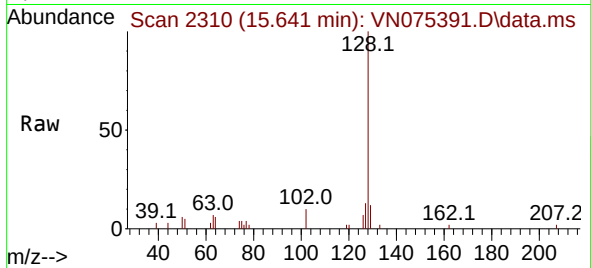
Tgt Ion: 91 Resp: 6394
Ion Ratio Lower Upper
91 100
92 46.4 26.5 79.4
134 0.0 13.0 39.0





#95
Naphthalene
Concen: 3.640 ug/l
RT: 15.641 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN075391.D
Acq: 23 Nov 2022 13:12

Instrument :
MSVOA_N
ClientSampleId :
110222DL



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.9	8.6	12.8

Manual Integrations
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Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

