

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072217.D
 Acq On : 27 Apr 2022 15:41
 Operator : JC\MD
 Sample : N2575-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31652

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 06:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	290875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	543587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	588970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	236236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	222758	49.883	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.760%		
35) Dibromofluoromethane	8.022	113	165247	47.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.980%		
50) Toluene-d8	10.439	98	691245	50.561	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.120%		
62) 4-Bromofluorobenzene	12.727	95	291911	64.329	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	128.660%		
Target Compounds					Qvalue	
16) Acetone	4.287	43	98508	51.165	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	12179	1.118	ug/l #	89
20) Methylene Chloride	5.087	84	2017m	0.547	ug/l	
22) Diisopropyl ether	6.493	45	5929	0.499	ug/l	96
25) 2-Butanone	7.334	43	11401	3.718	ug/l	98
37) Ethyl Acetate	7.404	43	14565	2.166	ug/l #	95
39) Methylcyclohexane	9.463	83	1750	0.309	ug/l	91
40) Benzene	8.457	78	204296	13.005	ug/l	97
52) Toluene	10.504	92	158721	16.902	ug/l	98
67) Ethyl Benzene	11.839	91	55667	2.682	ug/l	92
68) m/p-Xylenes	11.945	106	70817	9.189	ug/l	92
69) o-Xylene	12.275	106	43995	5.889	ug/l	93
73) Isopropylbenzene	12.575	105	6699	0.321	ug/l	96
78) n-propylbenzene	12.916	91	19791	0.861	ug/l	92
80) 1,3,5-Trimethylbenzene	13.057	105	25392	1.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	102602	6.103	ug/l	96
89) n-Butylbenzene	13.933	91	5430	0.457	ug/l #	79
95) Naphthalene	15.504	128	8031	4.899	ug/l	99

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

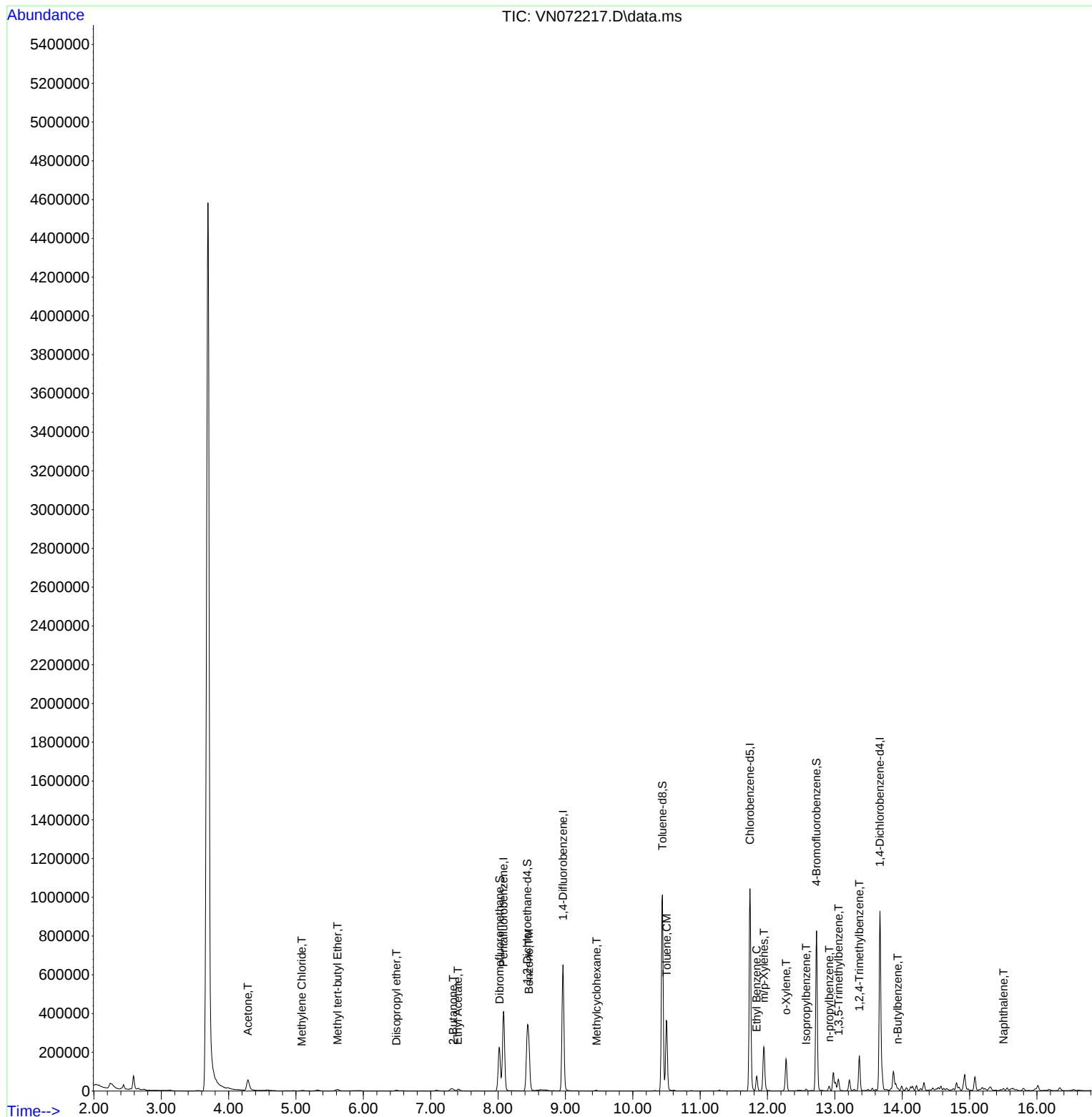
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
Data File : VN072217.D
Acq On : 27 Apr 2022 15:41
Operator : JC\MD
Sample : N2575-04 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

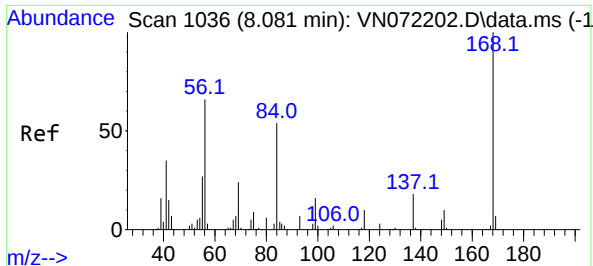
Instrument :
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ClientSampleId :
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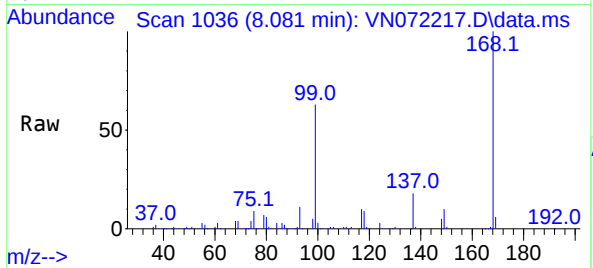
Quant Time: Apr 28 06:04:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

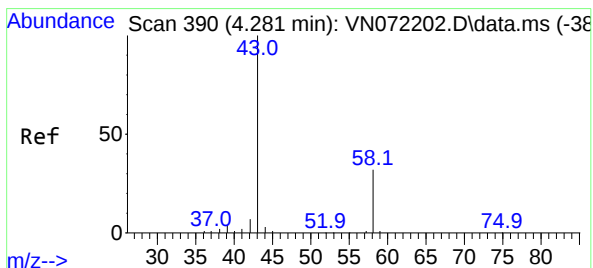
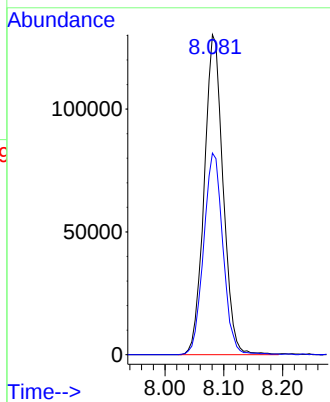
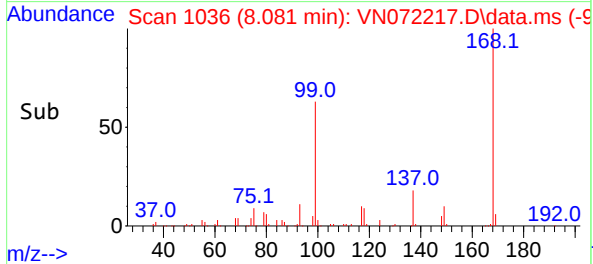
Instrument :
MSVOA_N
ClientSampleId :
31652



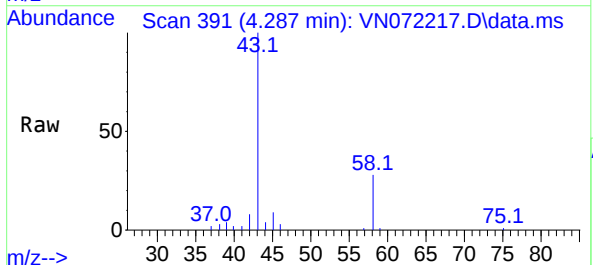
Tgt Ion:168 Resp: 290879
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5

Manual Integrations
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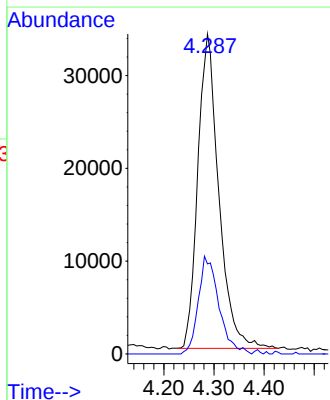
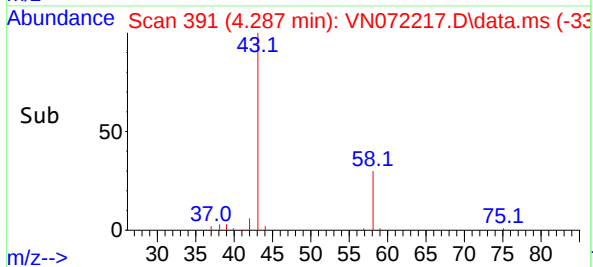
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

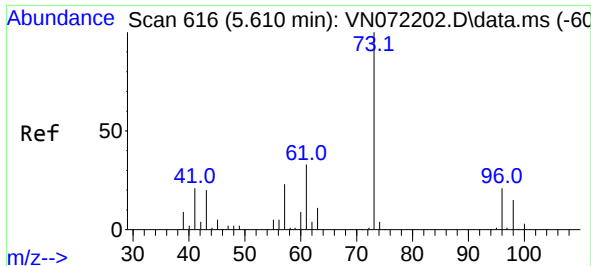


#16
Acetone
Concen: 51.165 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



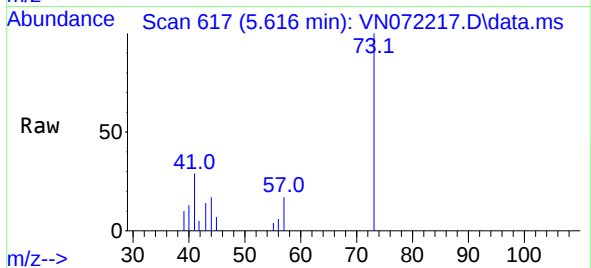
Tgt Ion: 43 Resp: 98508
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0





#19
Methyl tert-butyl Ether
Concen: 1.118 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

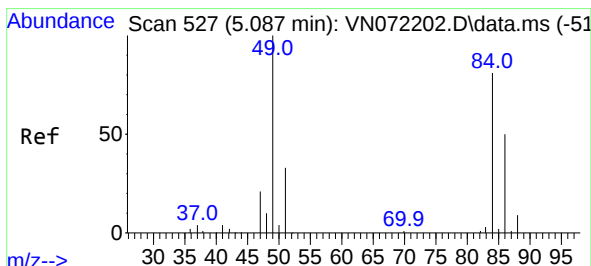
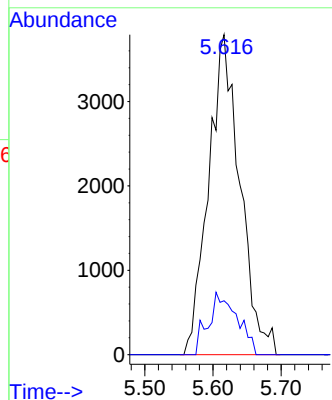
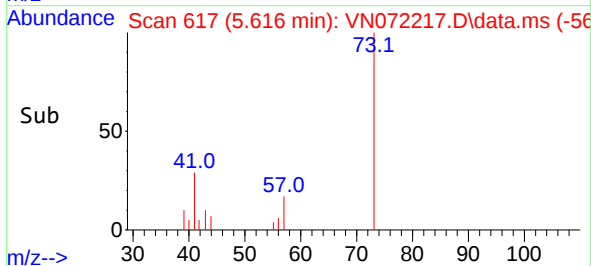
Instrument :
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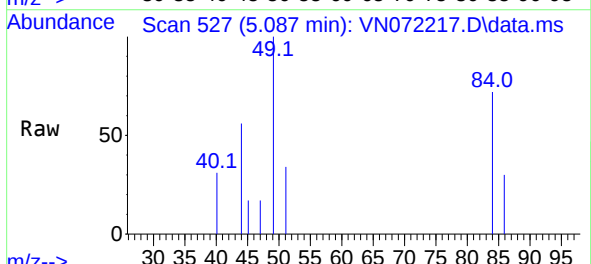
Tgt Ion: 73 Resp: 12179
Ion Ratio Lower Upper
73 100
57 16.8 17.6 26.4

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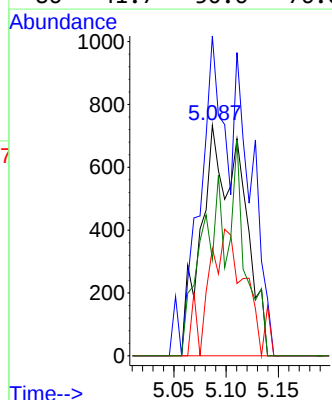
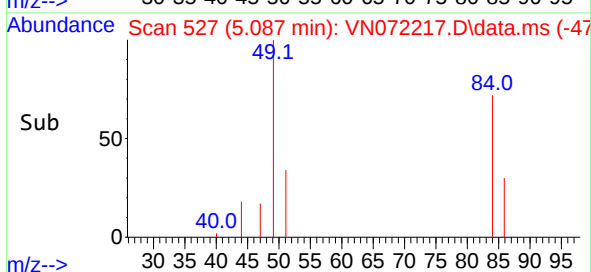
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

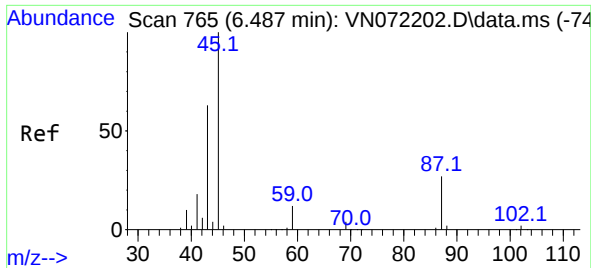


#20
Methylene Chloride
Concen: 0.547 ug/l m
RT: 5.087 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



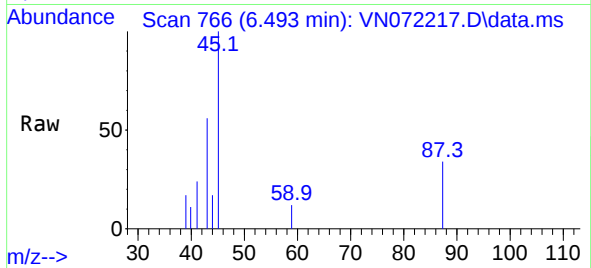
Tgt Ion: 84 Resp: 2017
Ion Ratio Lower Upper
84 100
49 138.7 88.3 132.5#
51 46.6 28.2 42.2#
86 41.7 50.6 76.0#





#22
Diisopropyl ether
Concen: 0.499 ug/l
RT: 6.493 min Scan# 709
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

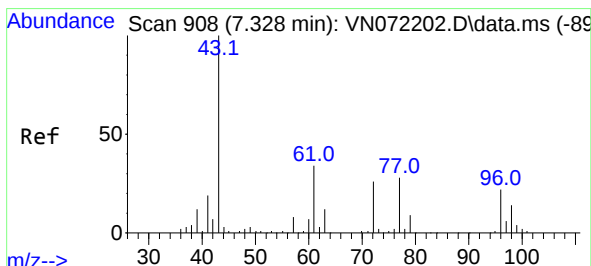
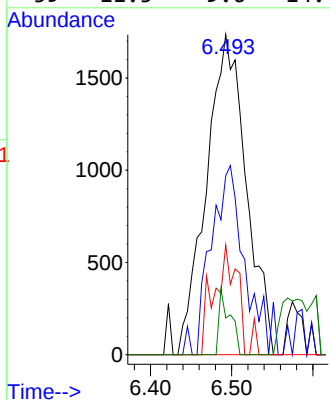
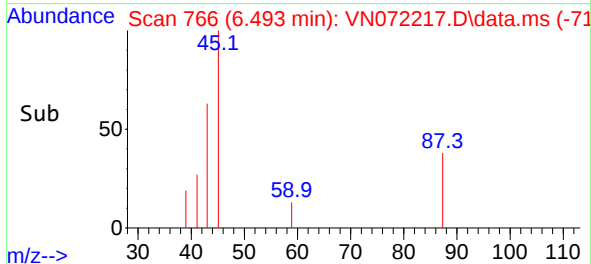
Instrument :
MSVOA_N
ClientSampleId :
31652



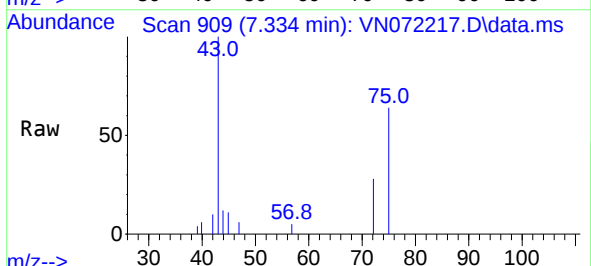
Tgt Ion: 45 Resp: 5929
Ion Ratio Lower Upper
45 100
43 55.9 46.6 70.0
87 34.2 24.3 36.5
59 11.5 9.6 14.4

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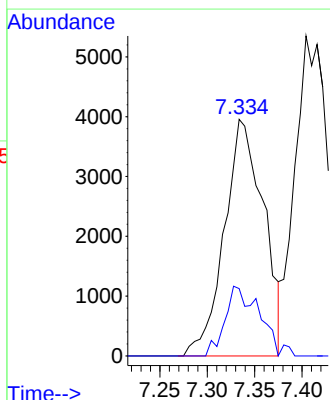
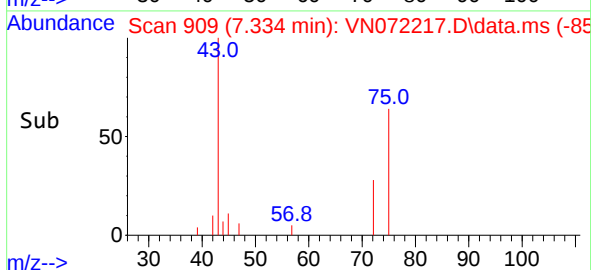
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

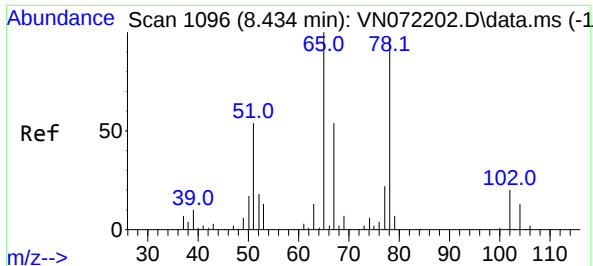


#25
2-Butanone
Concen: 3.718 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



Tgt Ion: 43 Resp: 11401
Ion Ratio Lower Upper
43 100
72 28.4 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 49.883 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

31652

Tgt Ion: 65 Resp: 222758

Ion Ratio Lower Upper

65 100

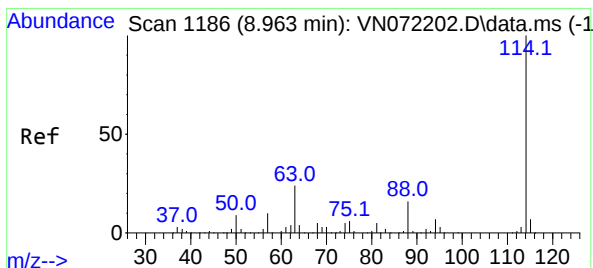
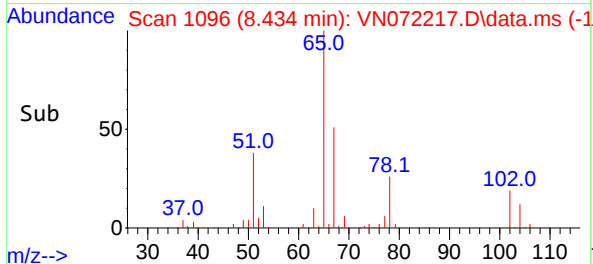
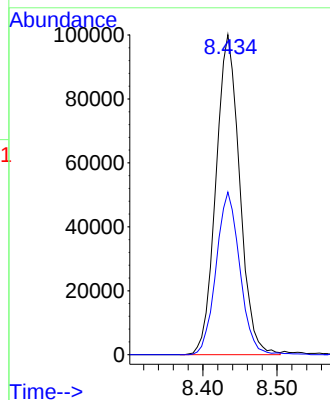
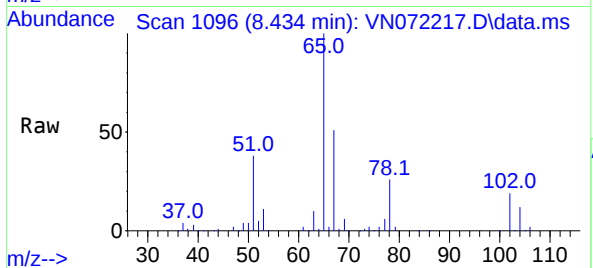
67 50.8 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

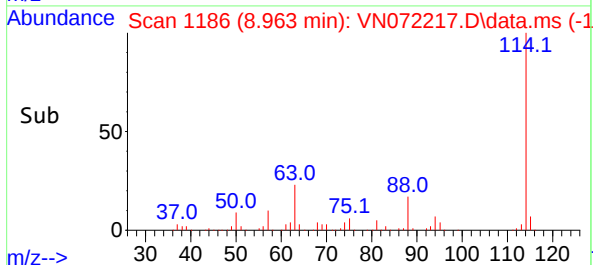
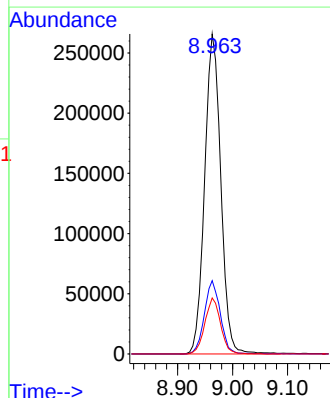
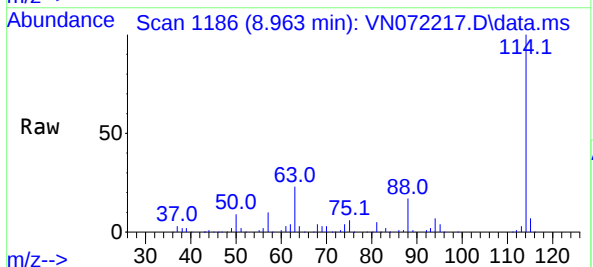
Tgt Ion:114 Resp: 543587

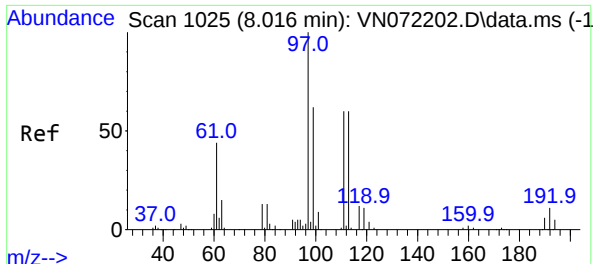
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

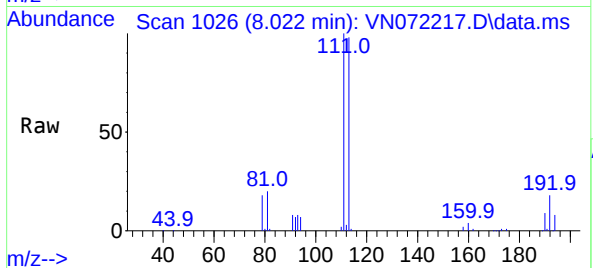
88 17.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.495 ug/l
RT: 8.022 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

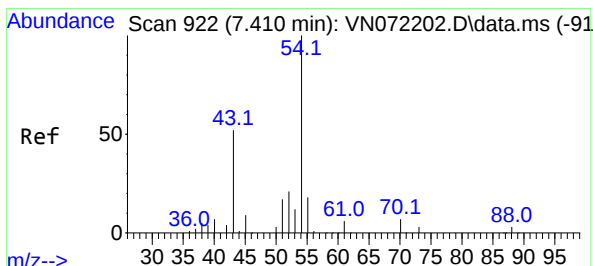
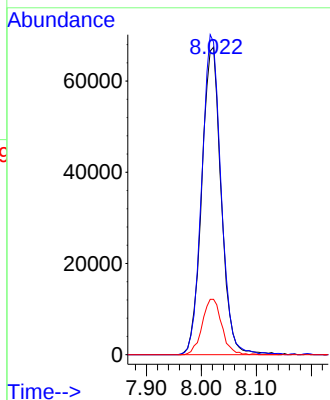
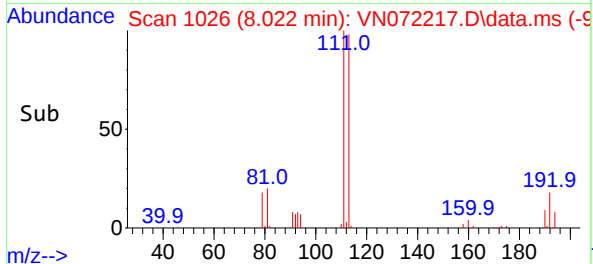
Instrument :
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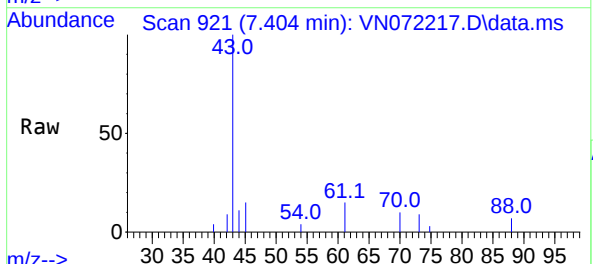
Tgt Ion:113 Resp: 16524
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.1 17.0 25.6

Manual Integrations
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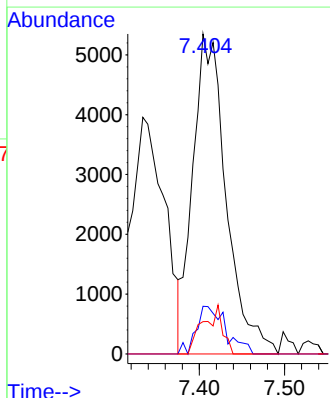
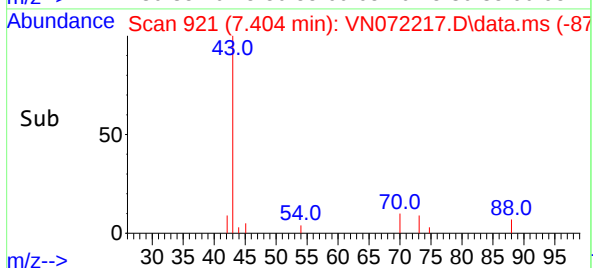
Reviewed By :John Carlone 04/28/2022
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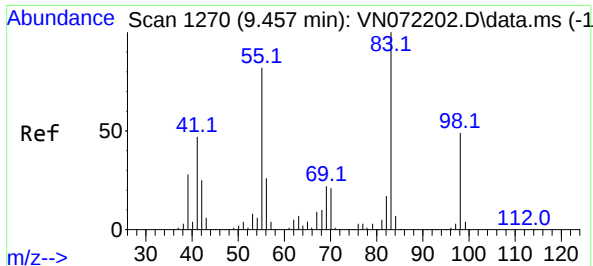


#37
Ethyl Acetate
Concen: 2.166 ug/l
RT: 7.404 min Scan# 921
Delta R.T. -0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



Tgt Ion: 43 Resp: 14565
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 8.9 9.3 13.9#





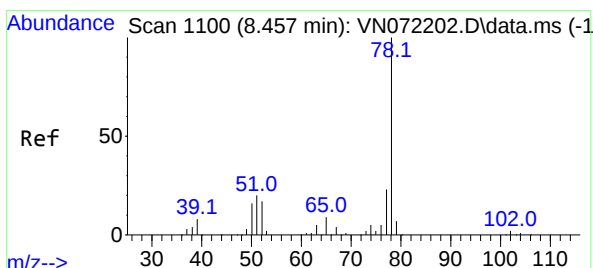
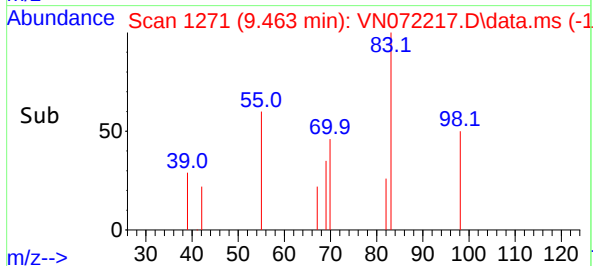
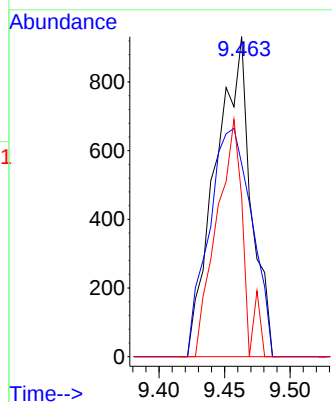
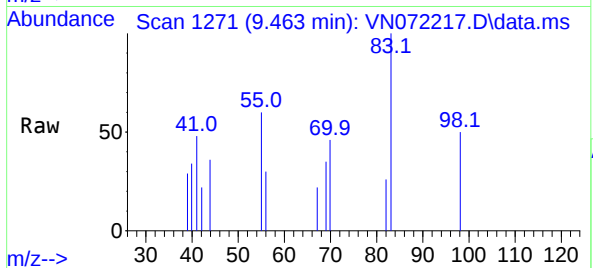
#39
Methylcyclohexane
Concen: 0.309 ug/l
RT: 9.463 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Instrument :
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Tgt Ion: 83 Resp: 1750
Ion Ratio Lower Upper
83 100
55 60.3 57.8 86.8
98 50.0 39.4 59.2

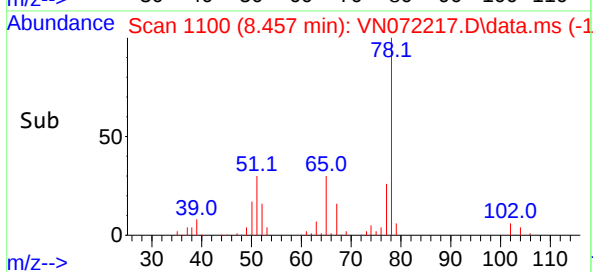
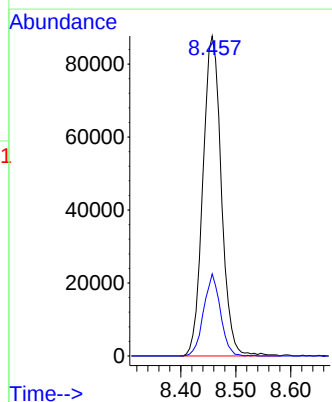
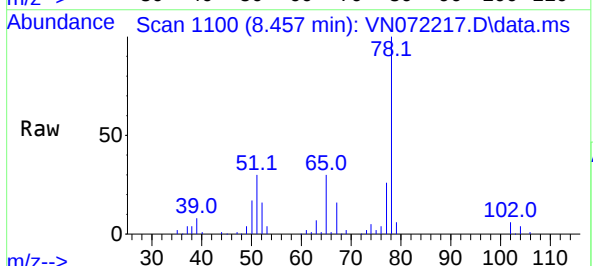
Manual Integrations
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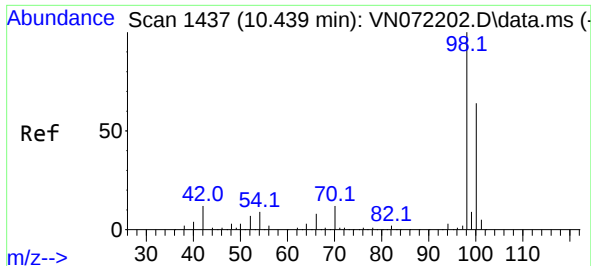
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#40
Benzene
Concen: 13.005 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

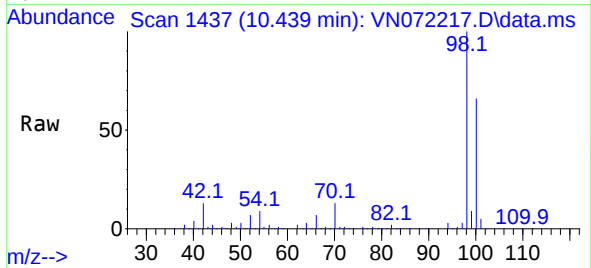
Tgt Ion: 78 Resp: 204296
Ion Ratio Lower Upper
78 100
77 25.6 19.4 29.0





#50
Toluene-d8
Concen: 50.561 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

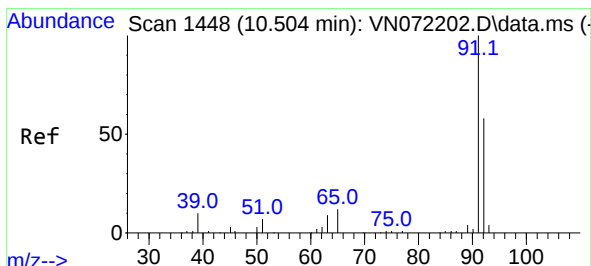
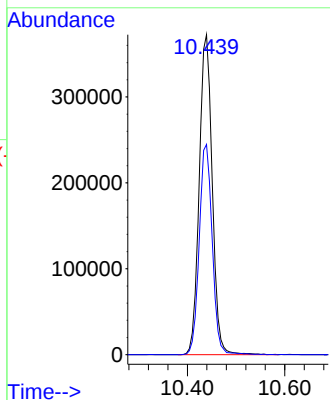
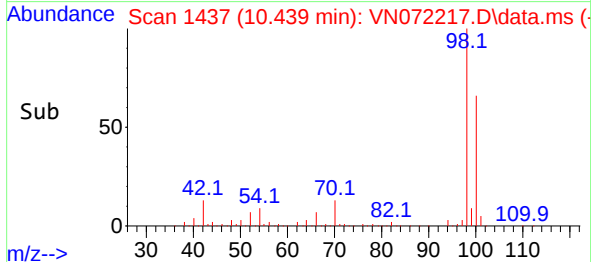
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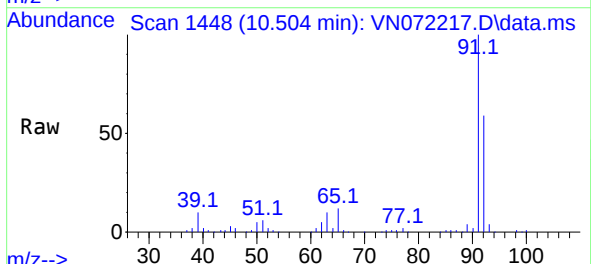
Tgt Ion: 98 Resp: 691249
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

Manual Integrations
APPROVED

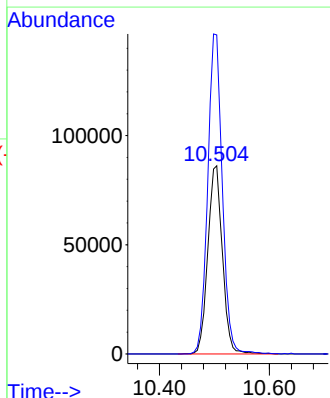
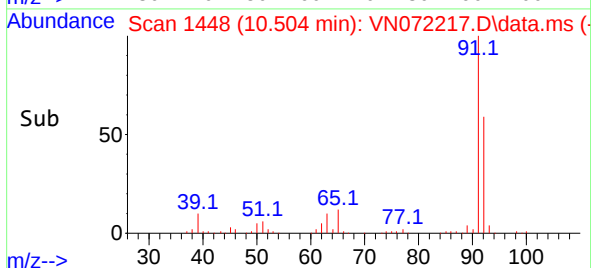
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

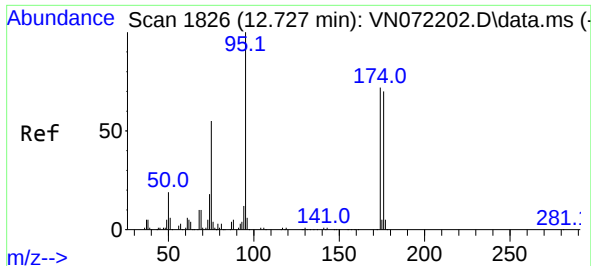


#52
Toluene
Concen: 16.902 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



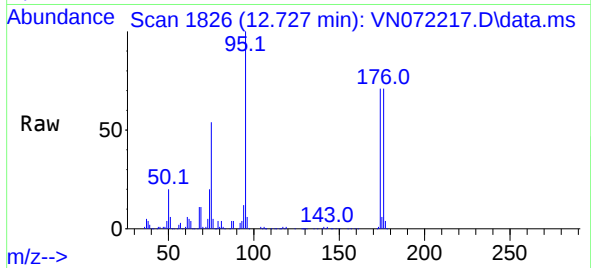
Tgt Ion: 92 Resp: 158721
Ion Ratio Lower Upper
92 100
91 169.9 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 64.329 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

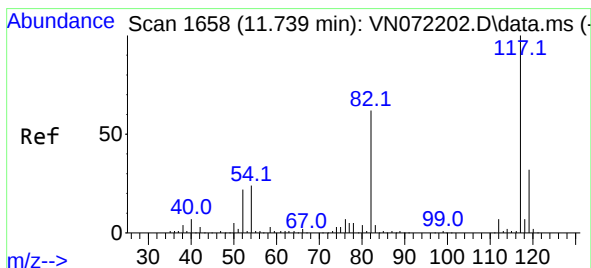
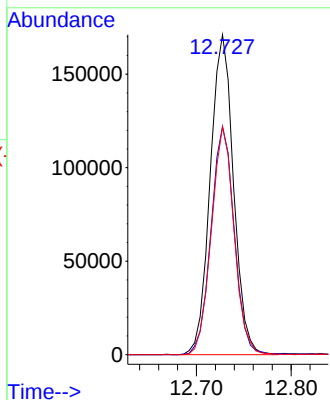
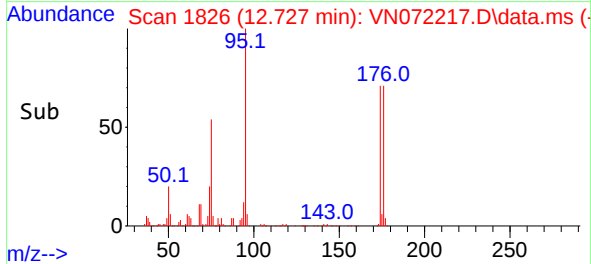
Instrument :
MSVOA_N
ClientSampleId :
31652



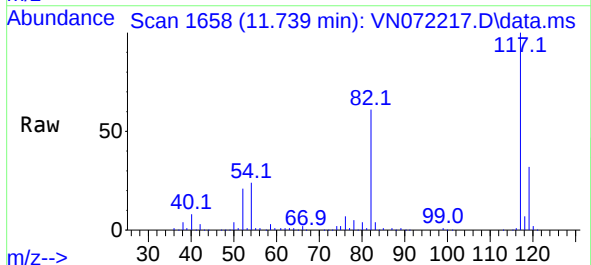
Tgt Ion: 95 Resp: 29191
Ion Ratio Lower Upper
95 100
174 71.1 0.0 167.6
176 69.5 0.0 163.4

Manual Integrations
APPROVED

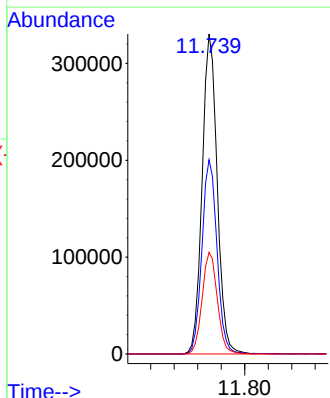
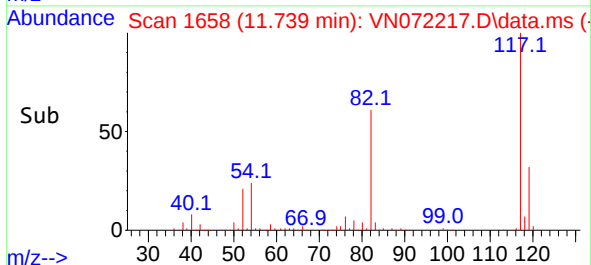
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

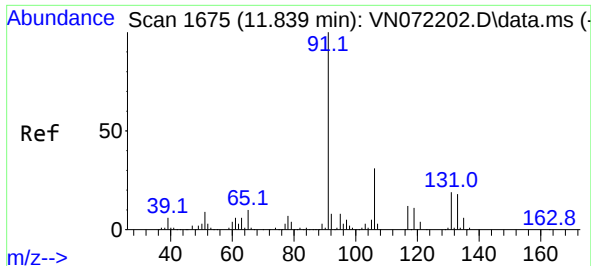


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



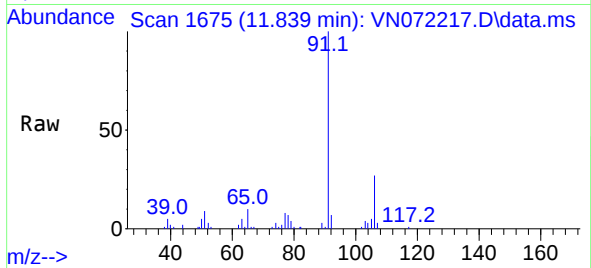
Tgt Ion:117 Resp: 588970
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 31.7 25.4 38.0





#67
Ethyl Benzene
Concen: 2.682 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

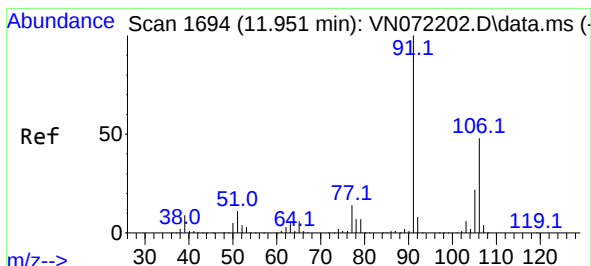
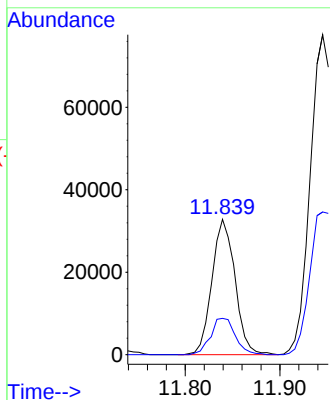
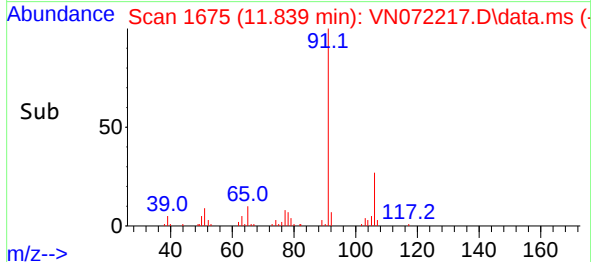
Instrument :
MSVOA_N
ClientSampleId :
31652



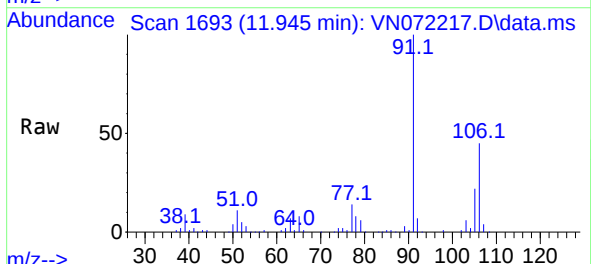
Tgt Ion: 91 Resp: 5566
Ion Ratio Lower Upper
91 100
106 26.8 24.9 37.3

Manual Integrations
APPROVED

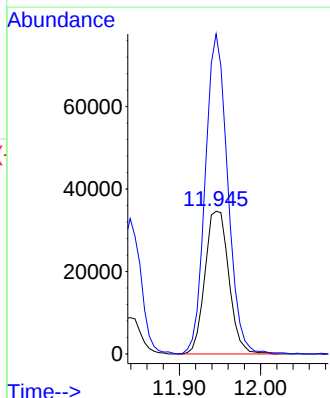
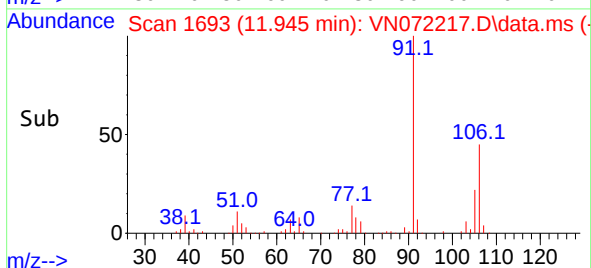
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

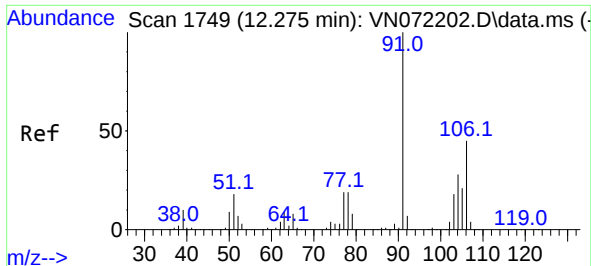


#68
m/p-Xylenes
Concen: 9.189 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



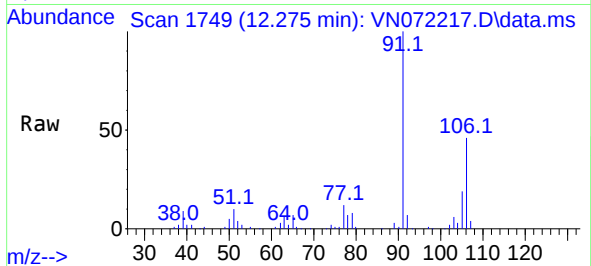
Tgt Ion:106 Resp: 70817
Ion Ratio Lower Upper
106 100
91 210.4 158.9 238.3





#69
o-Xylene
Concen: 5.889 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

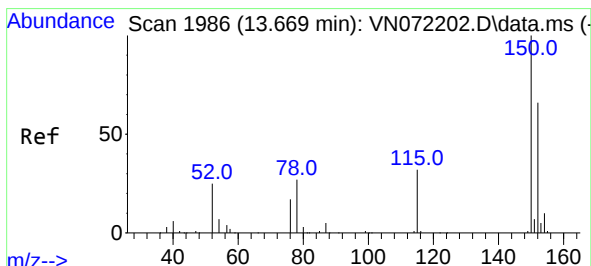
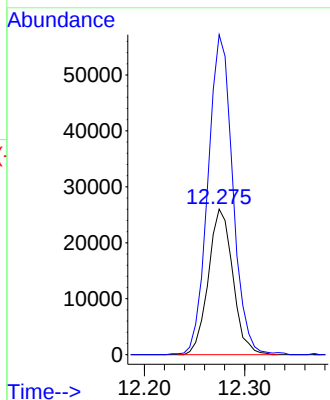
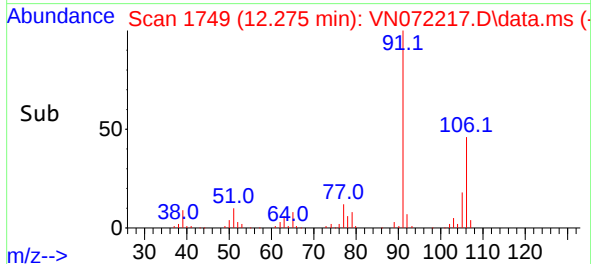
Instrument :
MSVOA_N
ClientSampleId :
31652



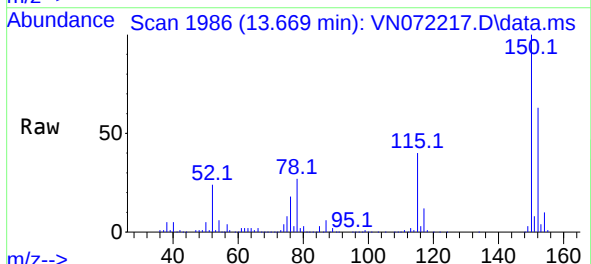
Tgt Ion:106 Resp: 43998
Ion Ratio Lower Upper
106 100
91 223.5 106.0 318.0

Manual Integrations
APPROVED

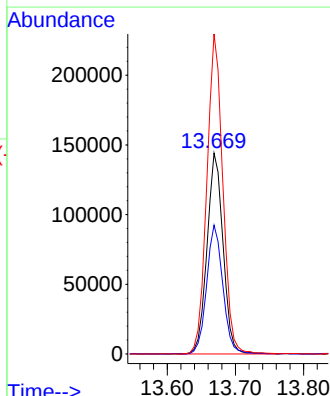
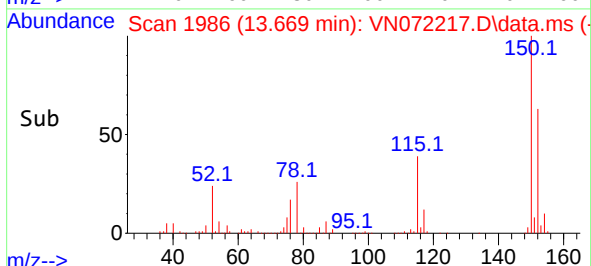
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

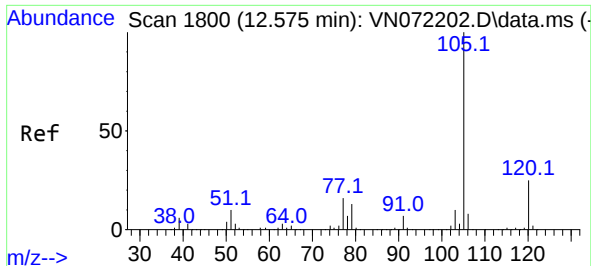


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



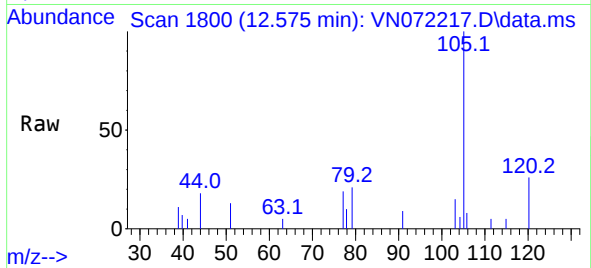
Tgt Ion:152 Resp: 236236
Ion Ratio Lower Upper
152 100
115 64.9 28.9 86.7
150 158.2 0.0 356.2





#73
Isopropylbenzene
Concen: 0.321 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

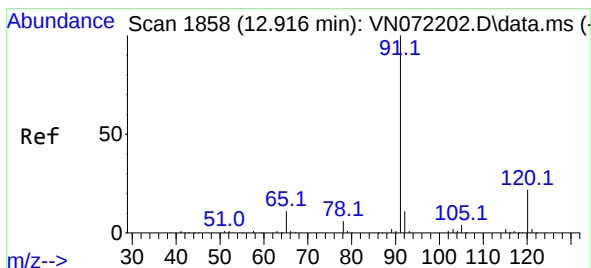
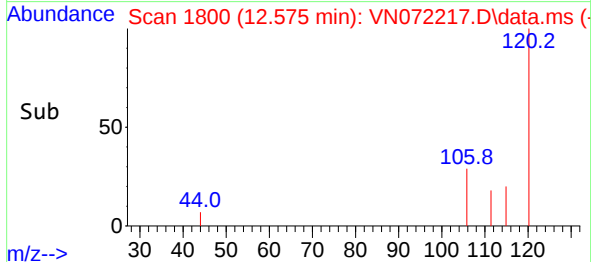
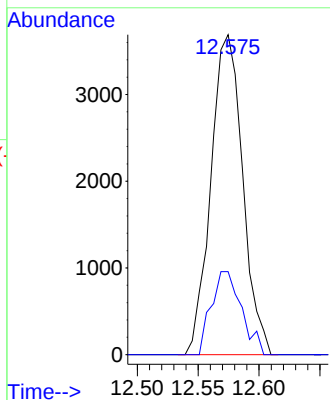
Instrument :
MSVOA_N
ClientSampleId :
31652



Tgt Ion:105 Resp: 6699
Ion Ratio Lower Upper
105 100
120 24.7 13.5 40.4

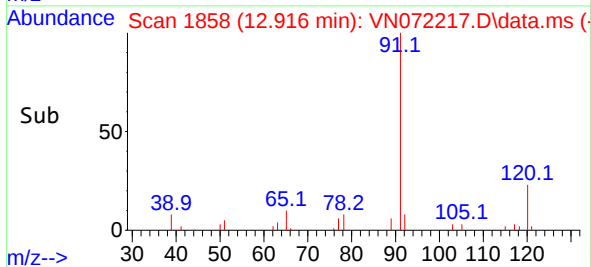
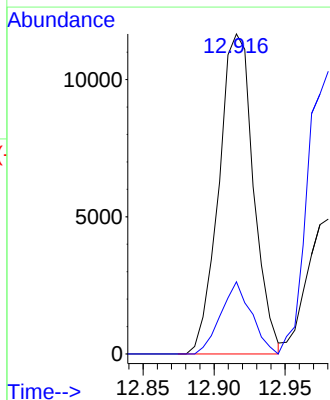
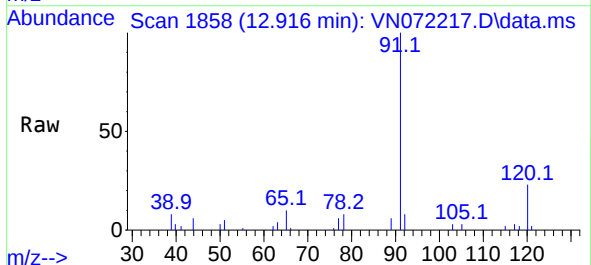
Manual Integrations
APPROVED

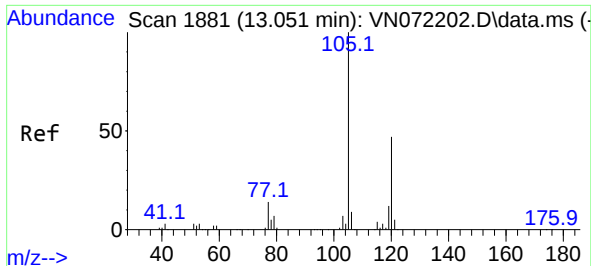
Reviewed By :John Carbone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#78
n-propylbenzene
Concen: 0.861 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

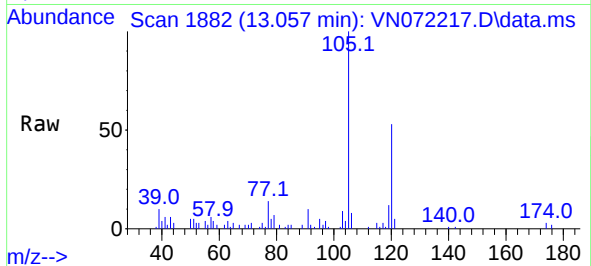
Tgt Ion: 91 Resp: 19791
Ion Ratio Lower Upper
91 100
120 19.9 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 1.461 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

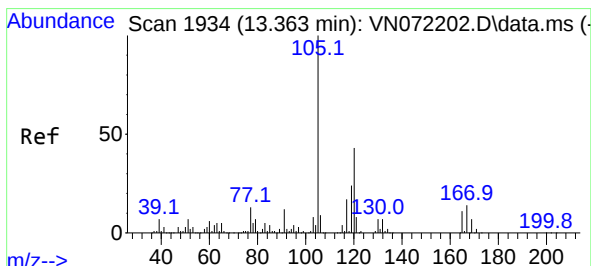
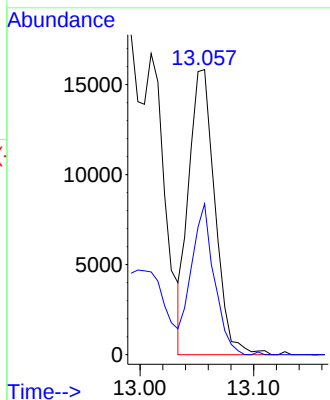
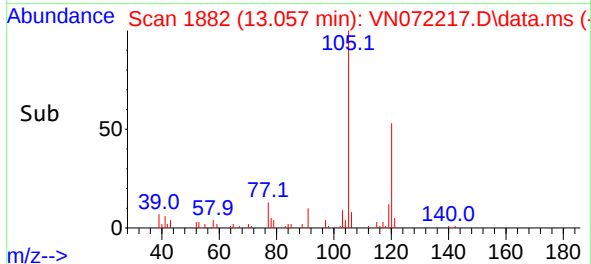
Instrument :
MSVOA_N
ClientSampleId :
31652



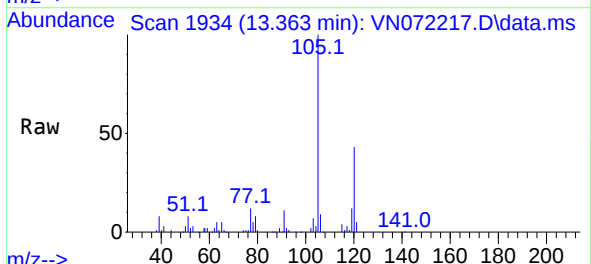
Tgt Ion:105 Resp: 25392
Ion Ratio Lower Upper
105 100
120 46.3 24.9 74.7

Manual Integrations
APPROVED

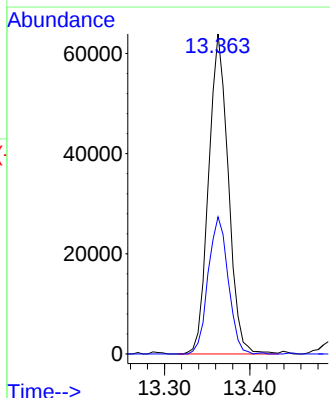
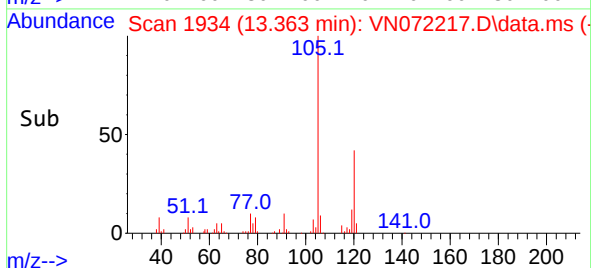
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

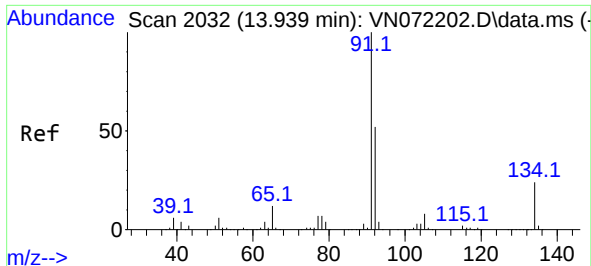


#84
1,2,4-Trimethylbenzene
Concen: 6.103 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



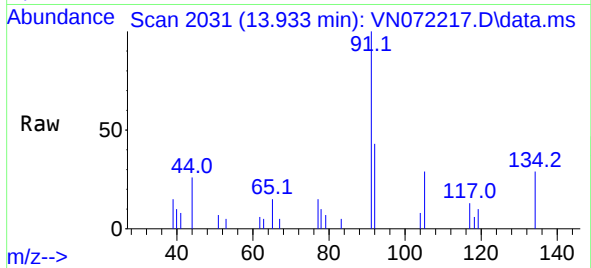
Tgt Ion:105 Resp: 102602
Ion Ratio Lower Upper
105 100
120 43.5 23.3 69.8





#89
n-Butylbenzene
Concen: 0.457 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

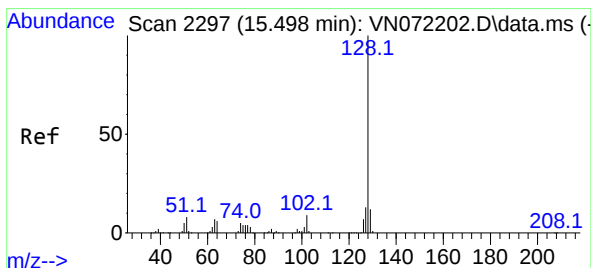
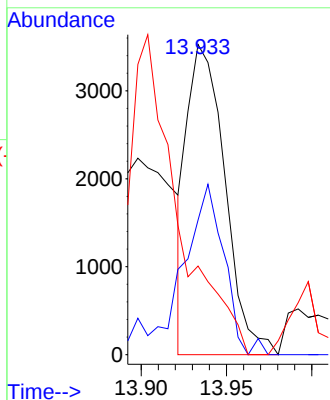
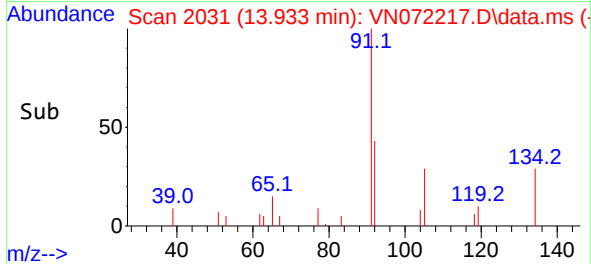
Instrument :
MSVOA_N
ClientSampleId :
31652



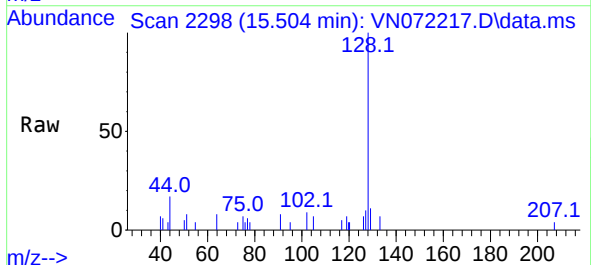
Tgt Ion: 91 Resp: 5430
Ion Ratio Lower Upper
91 100
92 57.8 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#95
Naphthalene
Concen: 4.899 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41



Tgt Ion:128 Resp: 8031
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.0 8.6 13.0

