

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071775.D
 Acq On : 02 Apr 2022 00:58
 Operator : JC\MD
 Sample : N2222-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Quant Time: Apr 02 05:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	614917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1055156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1079497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	422173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	348166	49.596	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.200%		
35) Dibromofluoromethane	8.022	113	292256	47.070	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.140%		
50) Toluene-d8	10.439	98	1334053	52.523	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.040%		
62) 4-Bromofluorobenzene	12.727	95	460354	56.041	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.080%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.363	59	15280	13.413	ug/l #	72
16) Acetone	4.287	43	16503	5.501	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	36199	1.920	ug/l #	1
25) 2-Butanone	7.345	43	6200	1.434	ug/l	100
31) Cyclohexane	8.092	56	52275	5.476	ug/l #	78
39) Methylcyclohexane	9.457	83	49860	4.831	ug/l	96
40) Benzene	8.457	78	168022	6.134	ug/l	95
52) Toluene	10.504	92	13006	0.751	ug/l	94
67) Ethyl Benzene	11.839	91	246783	6.744	ug/l	98
68) m/p-Xylenes	11.951	106	13519	0.962	ug/l	96
69) o-Xylene	12.280	106	9592	0.687	ug/l	99
73) Isopropylbenzene	12.574	105	156905	4.410	ug/l	98
78) n-propylbenzene	12.916	91	441625	11.801	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	8384m	0.297	ug/l	
84) 1,2,4-Trimethylbenzene	13.363	105	258452	9.398	ug/l	99
85) sec-Butylbenzene	13.498	105	71226	2.132	ug/l #	68
89) n-Butylbenzene	13.939	91	50021	2.532	ug/l #	62
95) Naphthalene	15.504	128	132407	10.166	ug/l	99

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

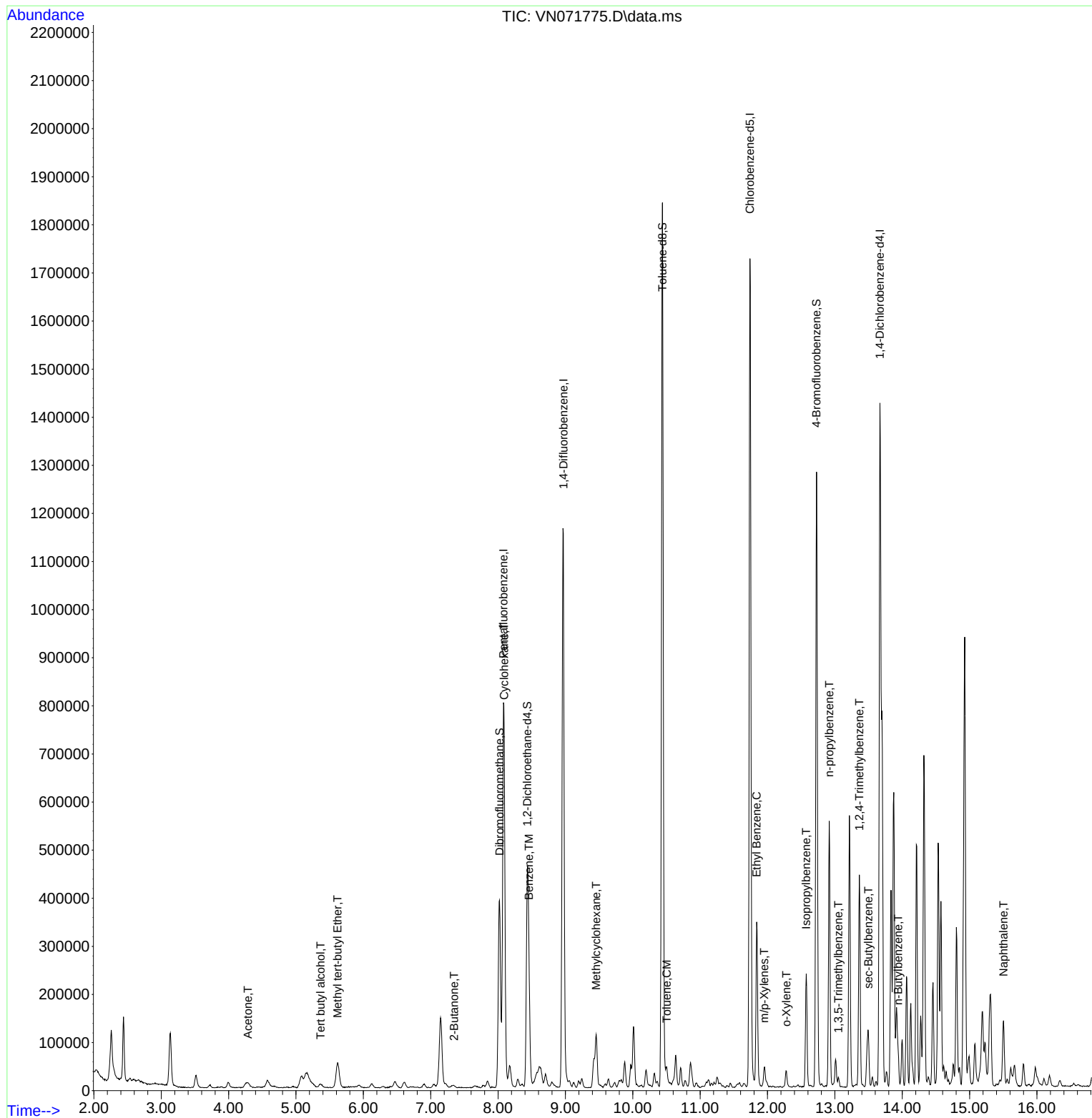
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071775.D
Acq On : 02 Apr 2022 00:58
Operator : JC\MD
Sample : N2222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

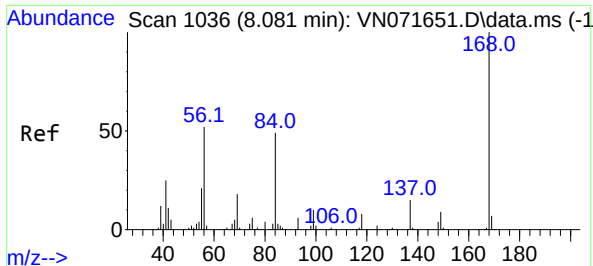
Instrument :
MSVOA_N
ClientSampleId :
MW-9

Quant Time: Apr 02 05:32:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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APPROVED

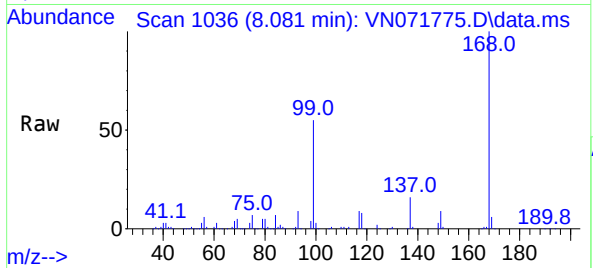
Reviewed By : John Carlone 04/02/2022
Supervised By : Mahesh Dadoda 04/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

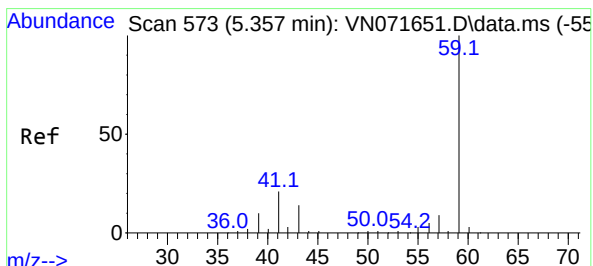
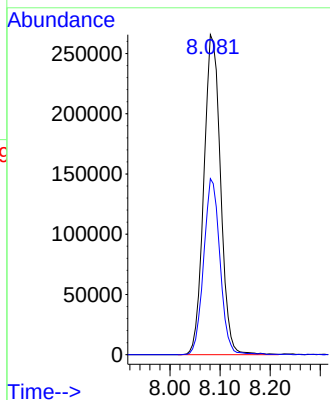
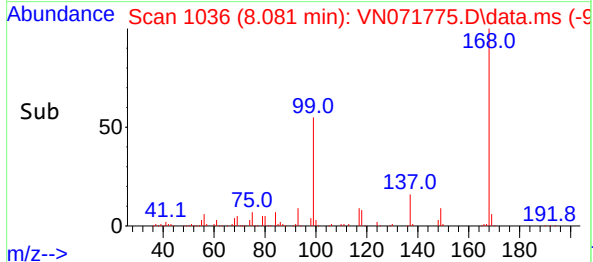
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion:168 Resp: 61491
Ion Ratio Lower Upper
168 100
99 55.0 42.3 63.5

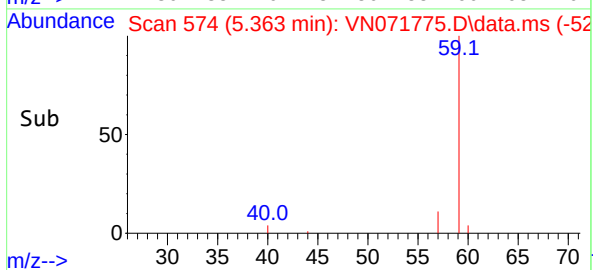
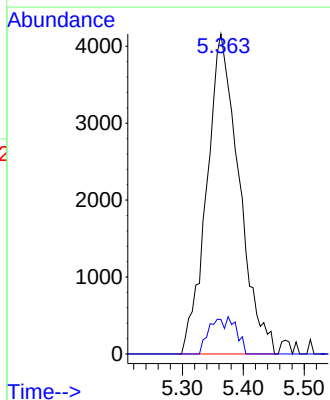
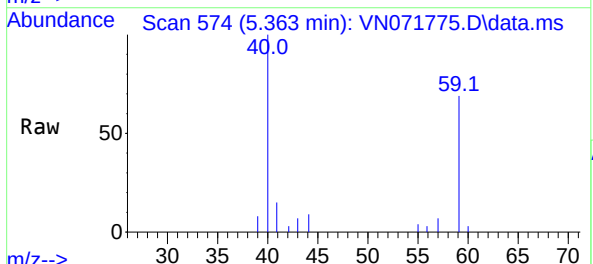
Manual Integrations
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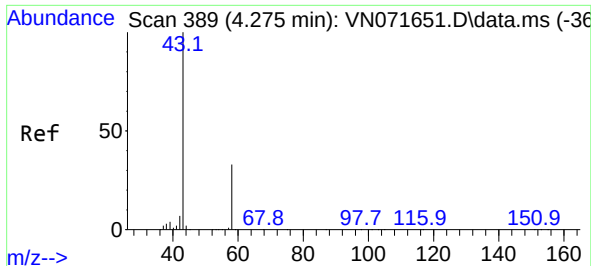
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#11
Tert butyl alcohol
Concen: 13.413 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

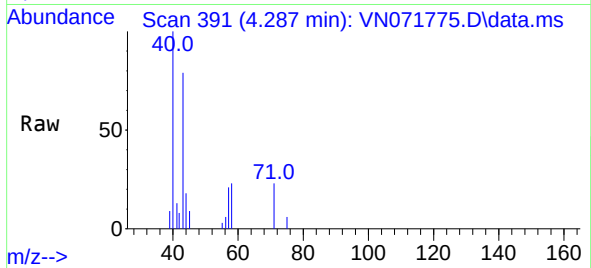
Tgt Ion: 59 Resp: 15280
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 5.501 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

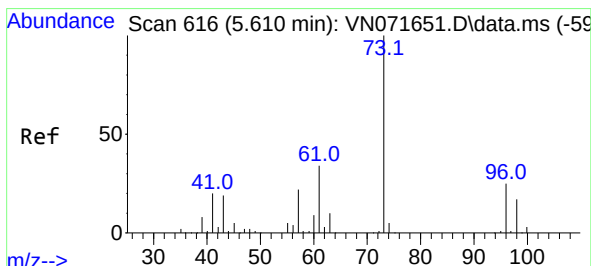
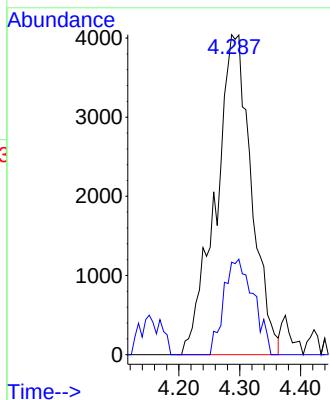
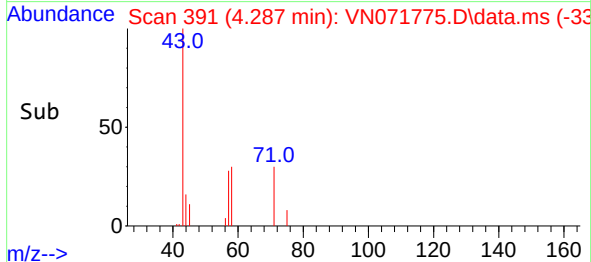
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0

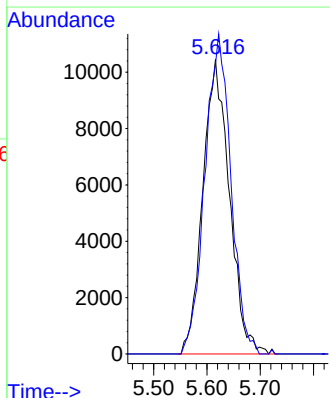
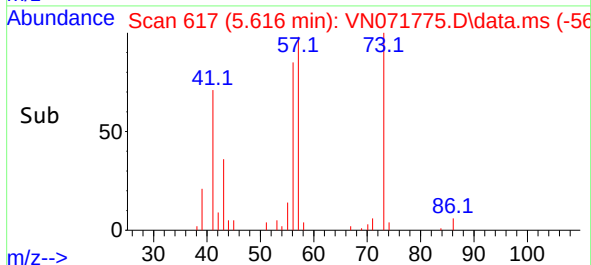
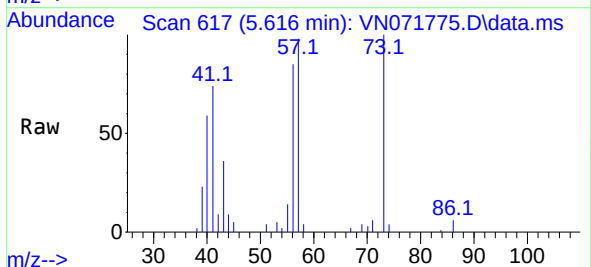
Manual Integrations
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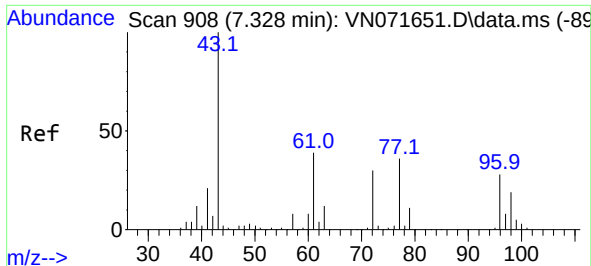
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#19
Methyl tert-butyl Ether
Concen: 1.920 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

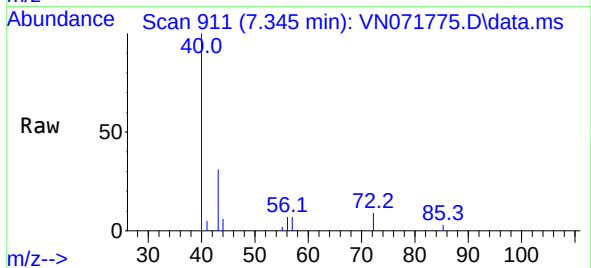
Tgt Ion: 73 Resp: 36199
Ion Ratio Lower Upper
73 100
57 98.3 17.6 26.4#





#25
2-Butanone
Concen: 1.434 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

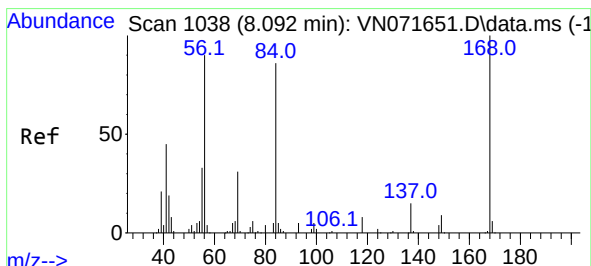
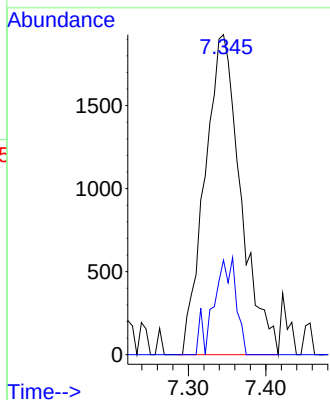
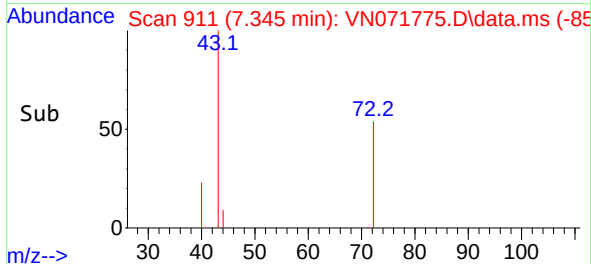
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion: 43 Resp: 6200
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5

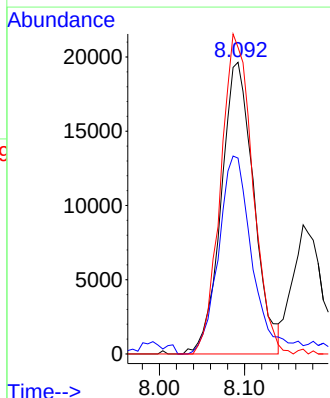
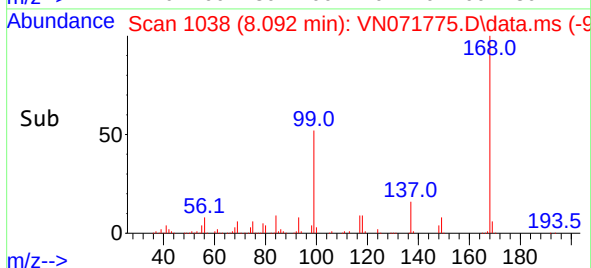
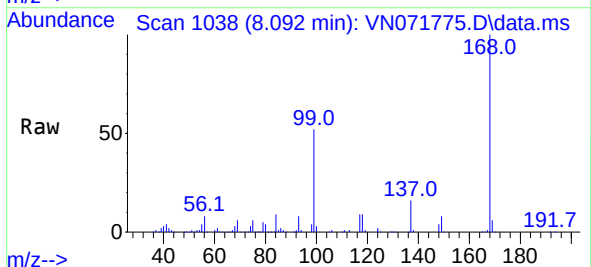
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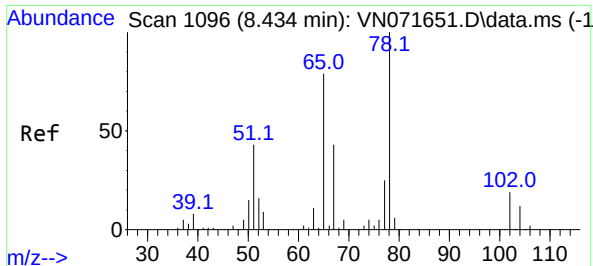
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#31
Cyclohexane
Concen: 5.476 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

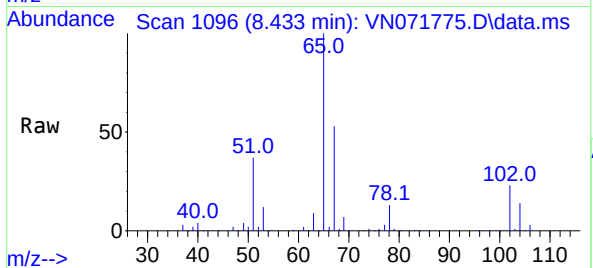
Tgt Ion: 56 Resp: 52275
Ion Ratio Lower Upper
56 100
69 67.1 27.8 41.8#
84 105.1 76.9 115.3





#33
1,2-Dichloroethane-d4
Concen: 49.596 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

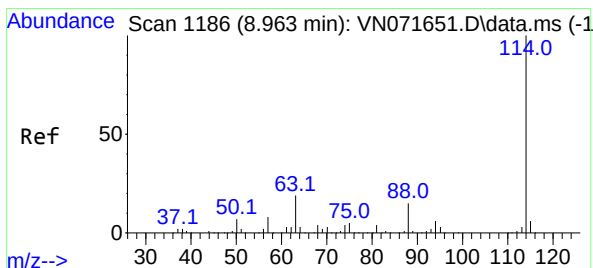
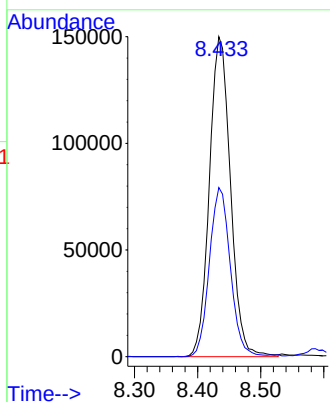
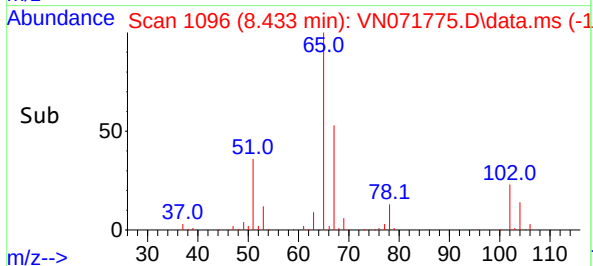
Instrument :
MSVOA_N
ClientSampleId :
MW-9



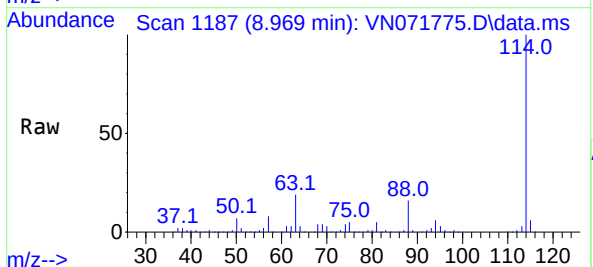
Tgt Ion: 65 Resp: 348160
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

Manual Integrations
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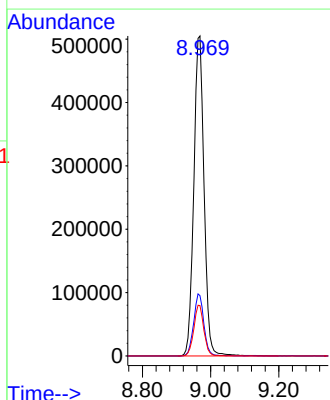
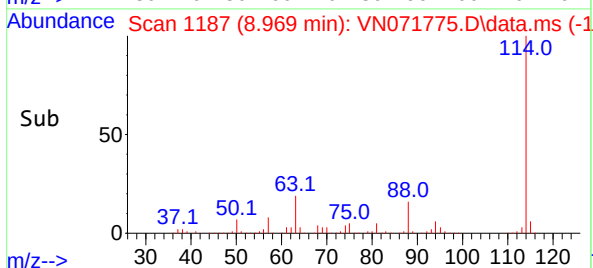
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

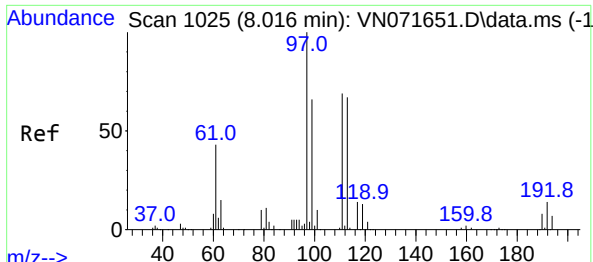


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



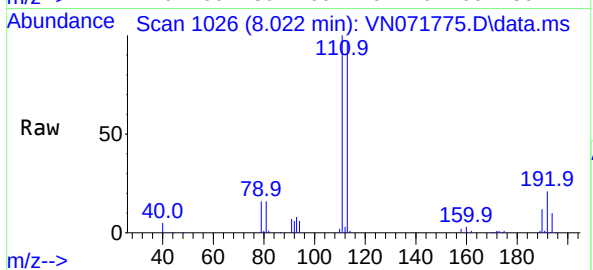
Tgt Ion:114 Resp: 1055156
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.070 ug/l
RT: 8.022 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

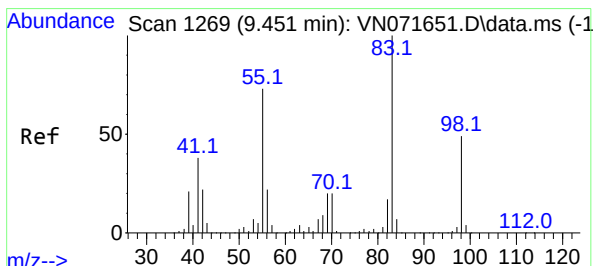
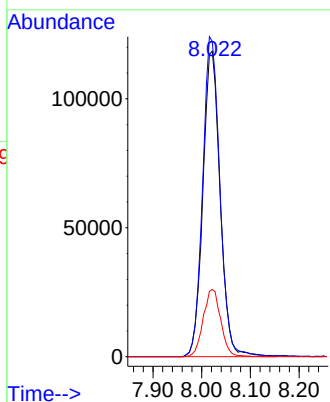
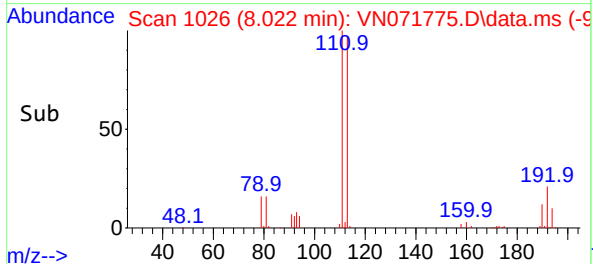
Instrument :
MSVOA_N
ClientSampleId :
MW-9



Tgt Ion: 113 Resp: 292250
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 22.3 17.0 25.6

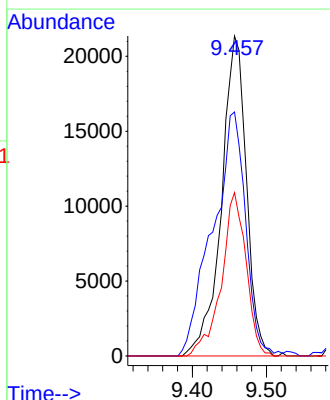
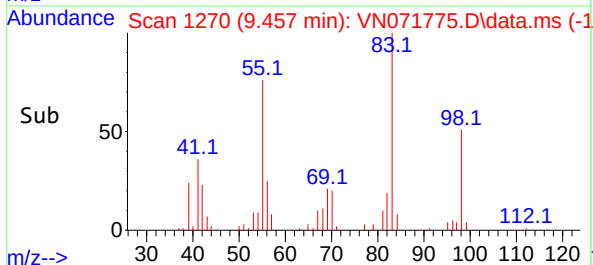
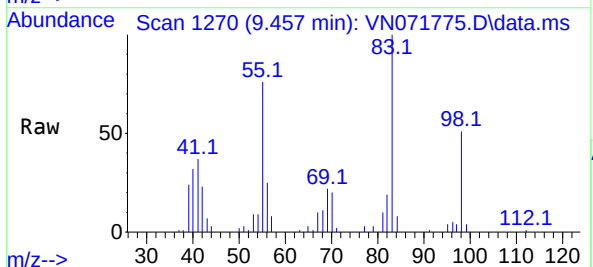
Manual Integrations
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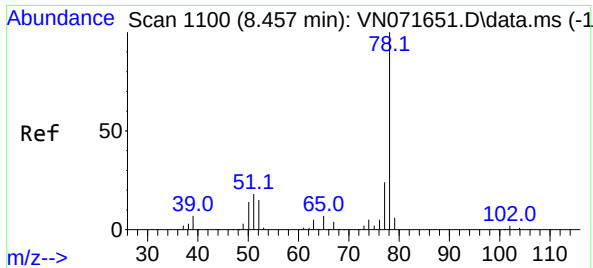
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#39
Methylcyclohexane
Concen: 4.831 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

Tgt Ion: 83 Resp: 49860
Ion Ratio Lower Upper
83 100
55 76.2 57.8 86.8
98 51.1 39.4 59.2





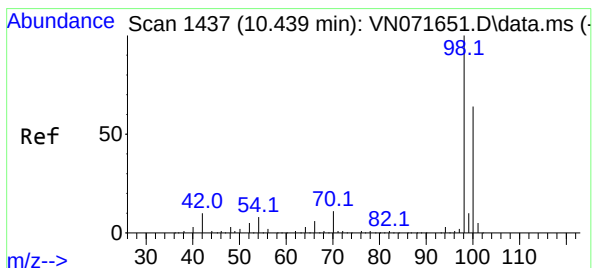
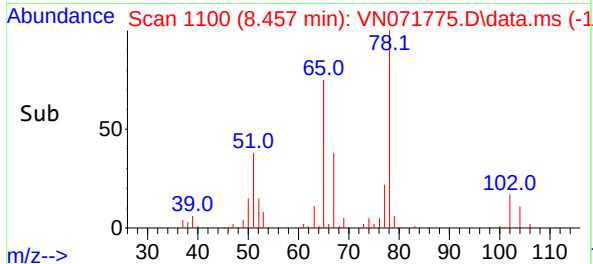
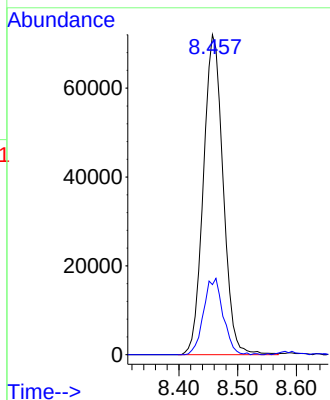
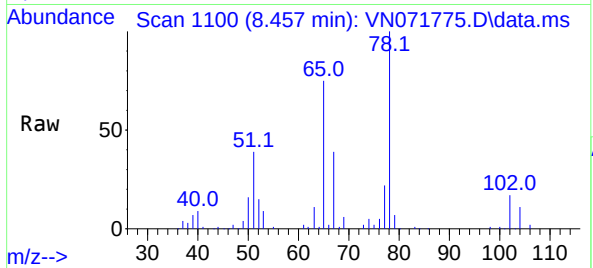
#40
Benzene
Concen: 6.134 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tgt Ion: 78 Resp: 16802
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0

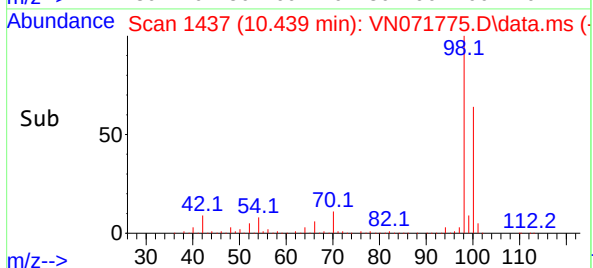
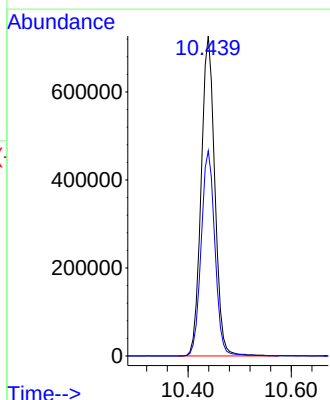
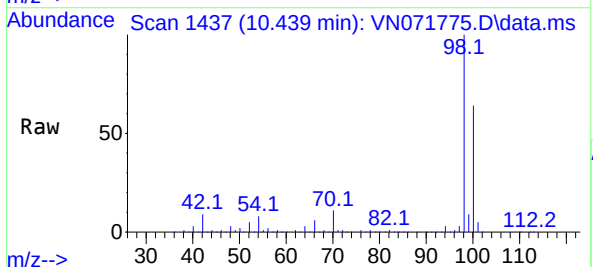
Manual Integrations
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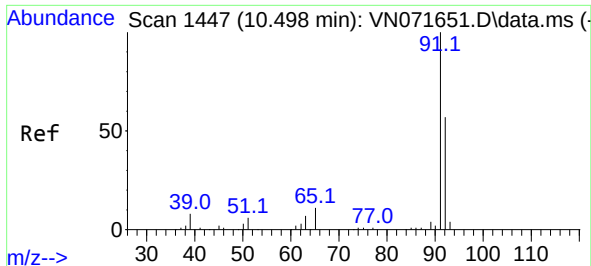
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#50
Toluene-d8
Concen: 52.523 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

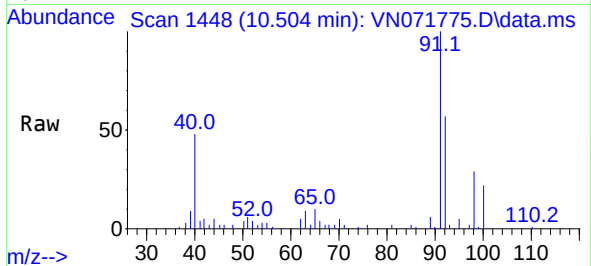
Tgt Ion: 98 Resp: 1334053
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





#52
Toluene
Concen: 0.751 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

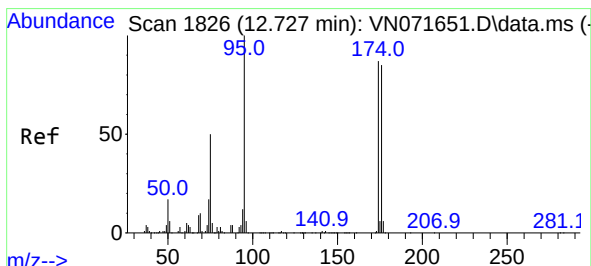
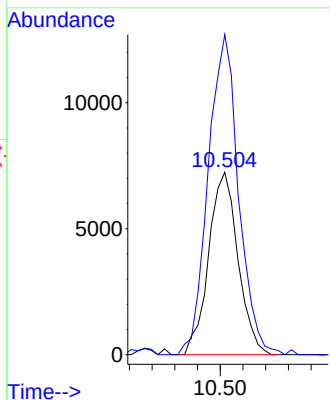
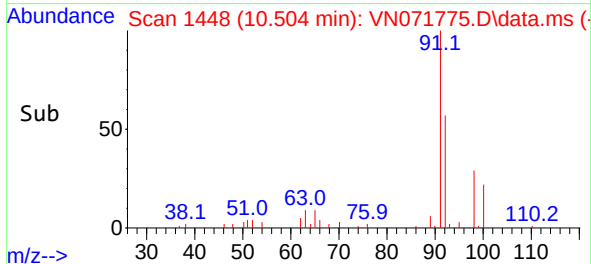
Instrument :
MSVOA_N
ClientSampleId :
MW-9



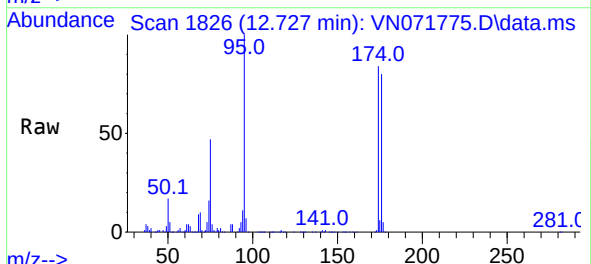
Tgt Ion: 92 Resp: 13000
Ion Ratio Lower Upper
92 100
91 181.6 138.6 207.8

Manual Integrations
APPROVED

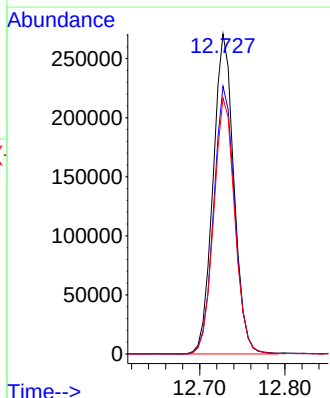
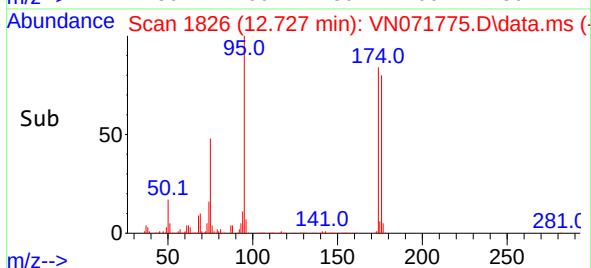
Reviewed By :John Carlone 04/02/2022
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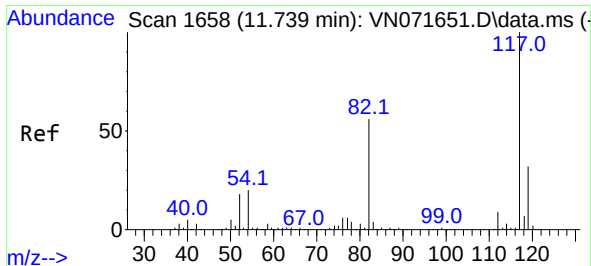


#62
4-Bromofluorobenzene
Concen: 56.041 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



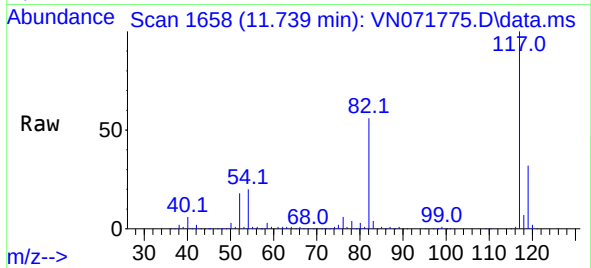
Tgt Ion: 95 Resp: 460354
Ion Ratio Lower Upper
95 100
174 84.6 0.0 167.6
176 80.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

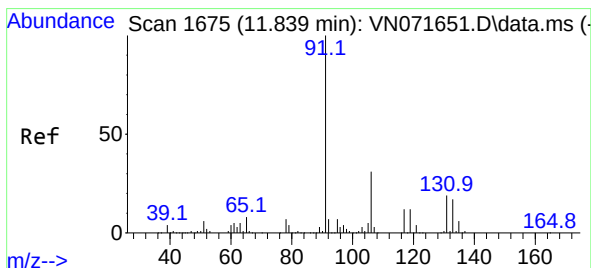
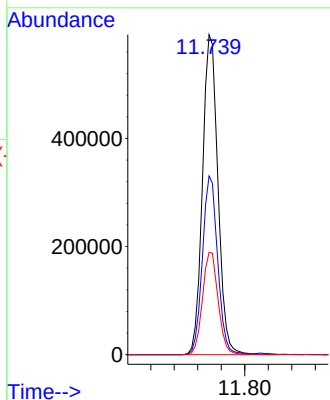
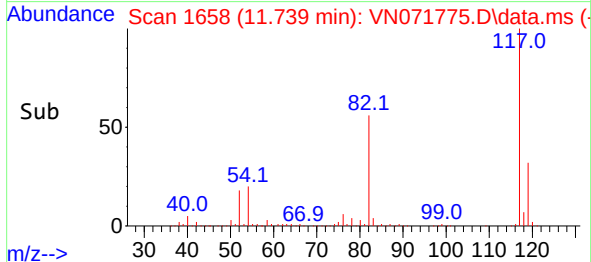
Instrument :
MSVOA_N
ClientSampleId :
MW-9



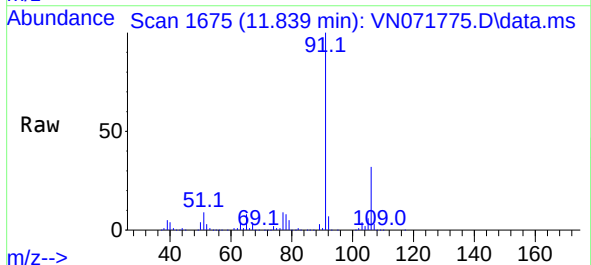
Tgt Ion: 117 Resp: 107949
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.9 25.4 38.0

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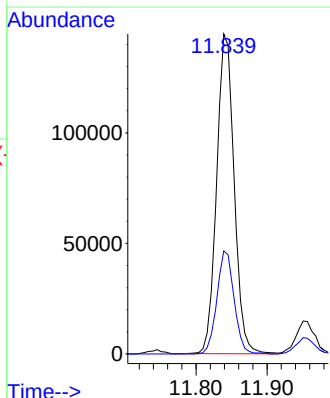
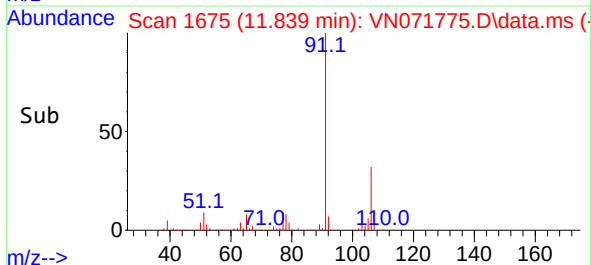
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

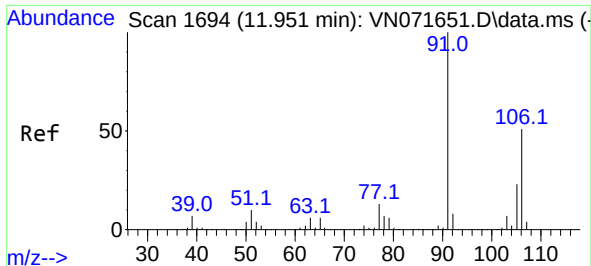


#67
Ethyl Benzene
Concen: 6.744 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



Tgt Ion: 91 Resp: 246783
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3





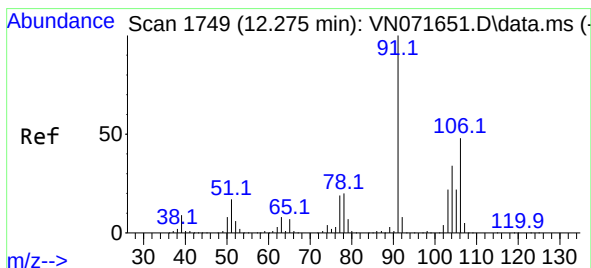
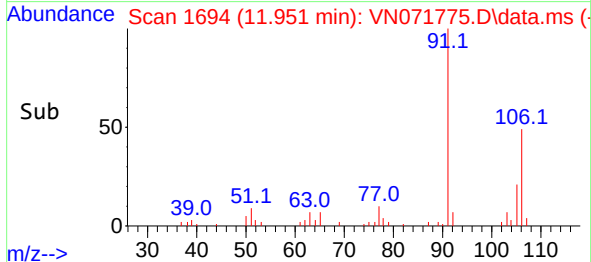
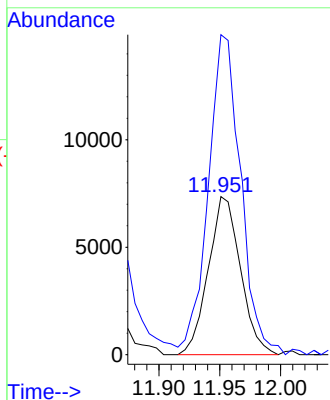
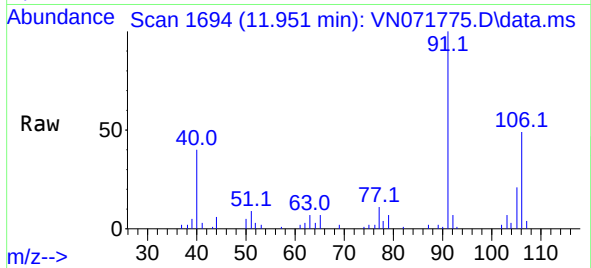
#68
m/p-Xylenes
Concen: 0.962 ug/l
RT: 11.951 min Scan# 106
Delta R.T. -0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

Instrument :
MSVOA_N
ClientSampleId :
MW-9

Tgt Ion:106 Resp: 13519
Ion Ratio Lower Upper
106 100
91 205.0 158.9 238.3

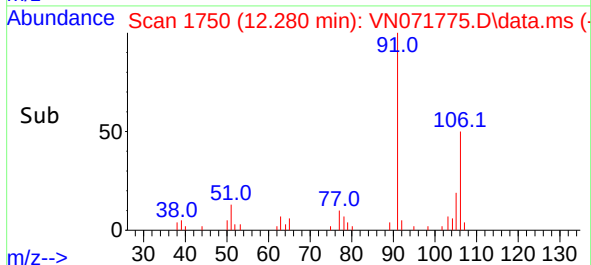
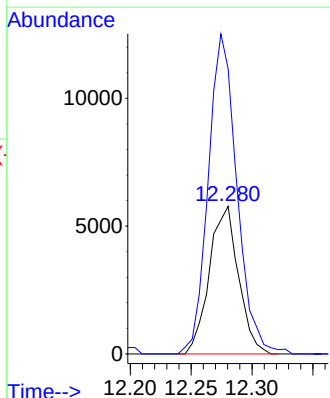
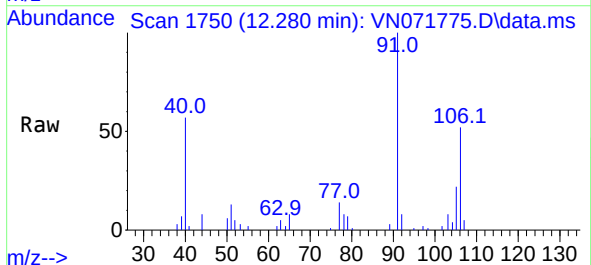
Manual Integrations
APPROVED

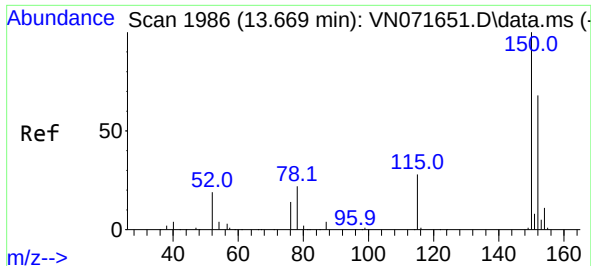
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#69
o-Xylene
Concen: 0.687 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

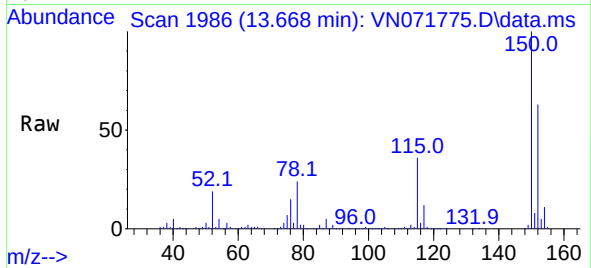
Tgt Ion:106 Resp: 9592
Ion Ratio Lower Upper
106 100
91 213.9 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

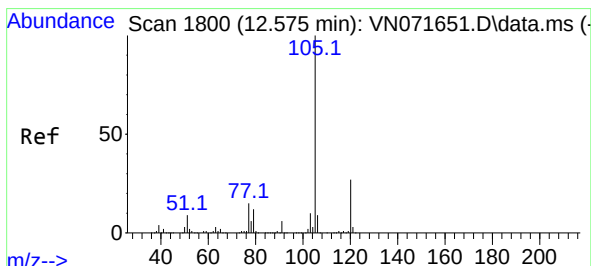
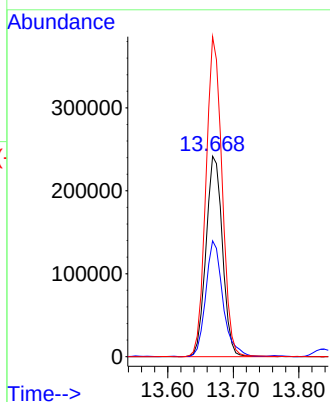
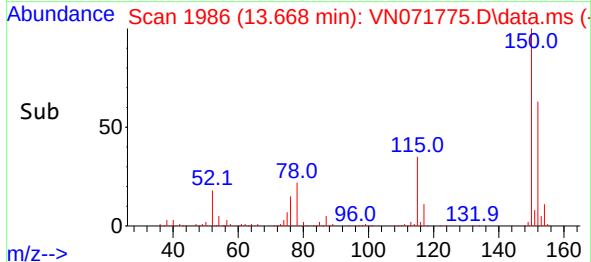
Instrument :
MSVOA_N
ClientSampleId :
MW-9



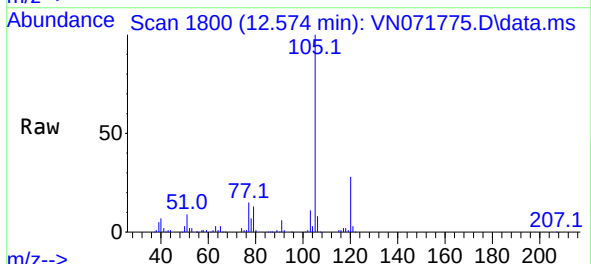
Tgt Ion:152 Resp: 42217
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 156.2 0.0 356.2

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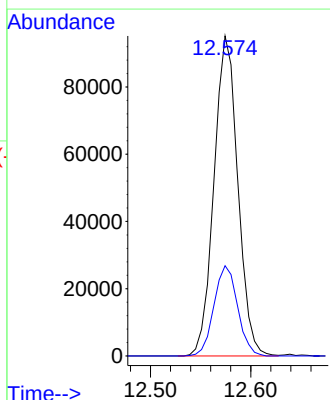
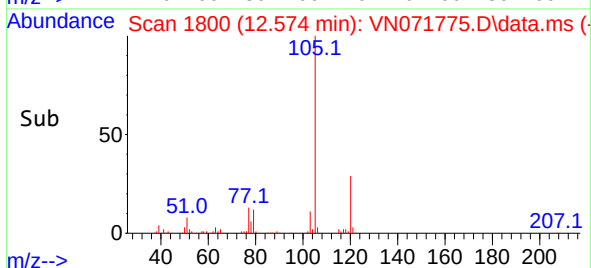
Reviewed By :John Carbone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

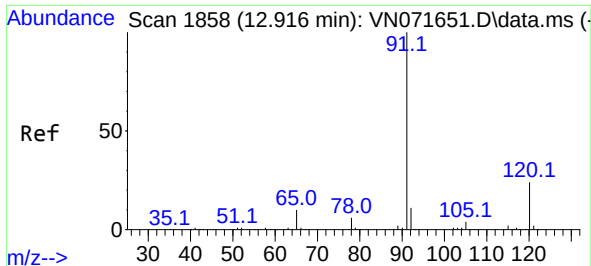


#73
Isopropylbenzene
Concen: 4.410 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



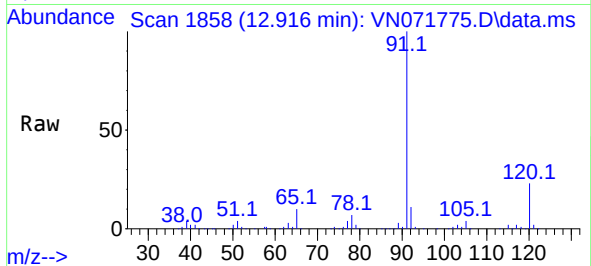
Tgt Ion:105 Resp: 156905
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4





#78
n-propylbenzene
Concen: 11.801 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

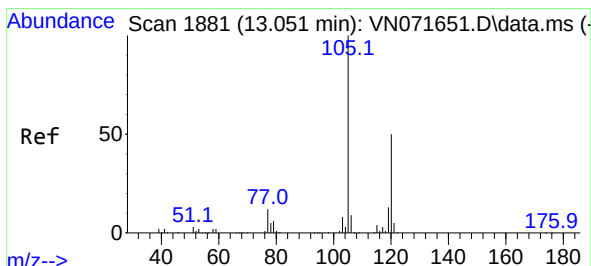
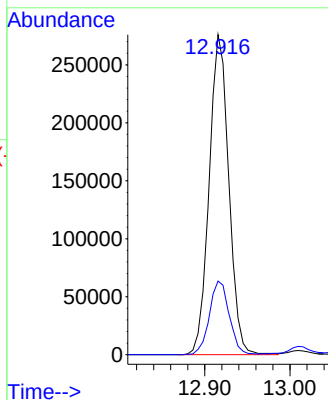
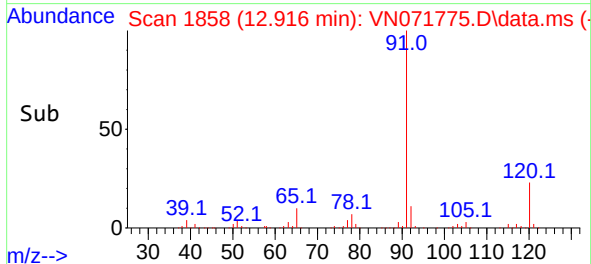
Instrument :
MSVOA_N
ClientSampleId :
MW-9



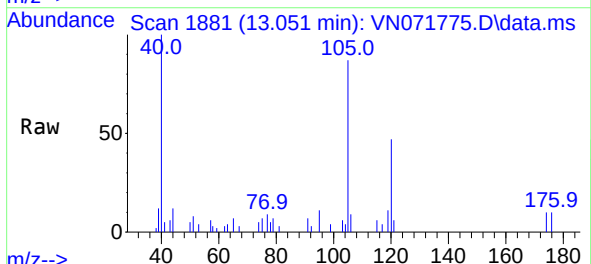
Tgt Ion: 91 Resp: 441629
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5

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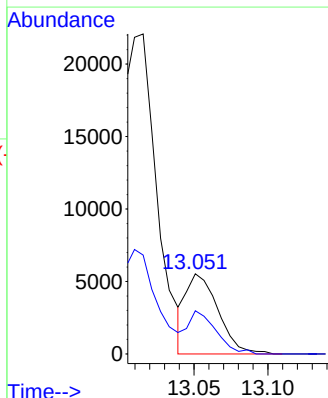
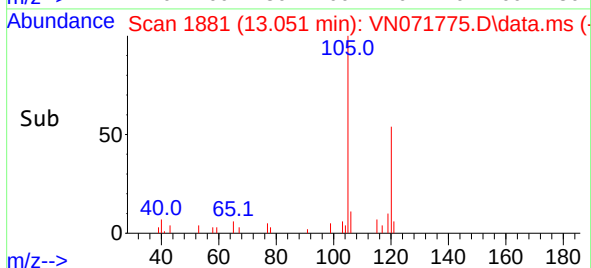
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

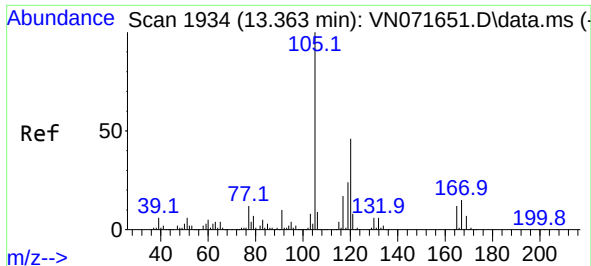


#80
1,3,5-Trimethylbenzene
Concen: 0.297 ug/l m
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



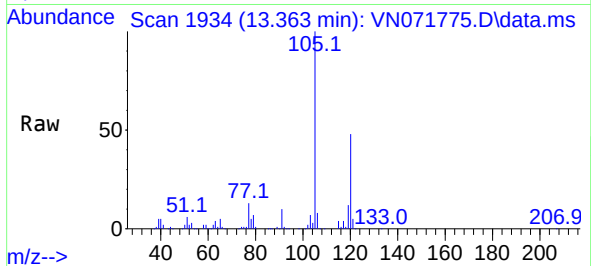
Tgt Ion:105 Resp: 8384
Ion Ratio Lower Upper
105 100
120 167.1 24.9 74.7#





#84
1,2,4-Trimethylbenzene
Concen: 9.398 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

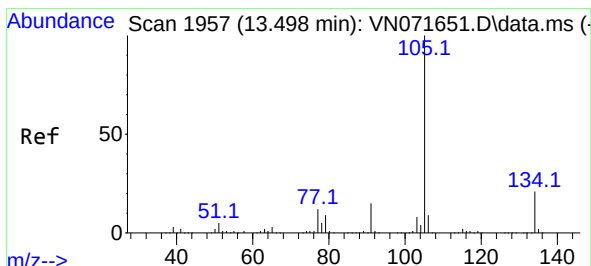
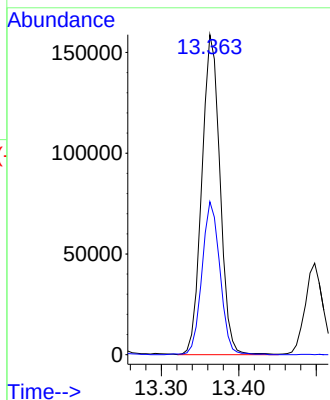
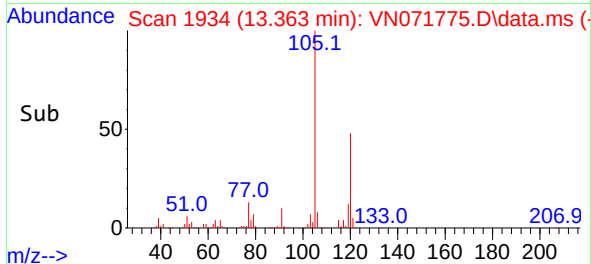
Instrument :
MSVOA_N
ClientSampleId :
MW-9



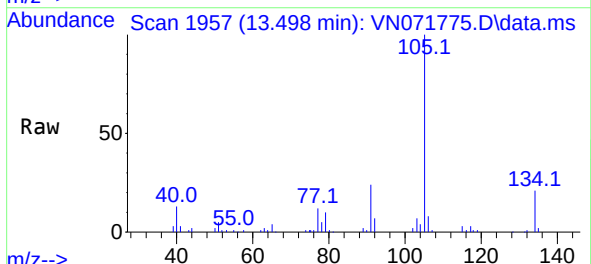
Tgt Ion:105 Resp: 258452
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.8

Manual Integrations
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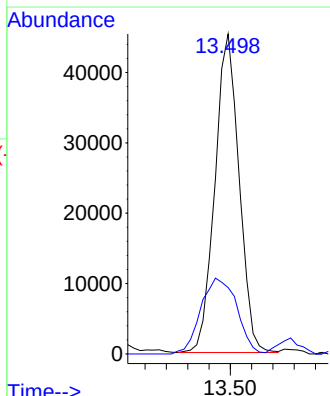
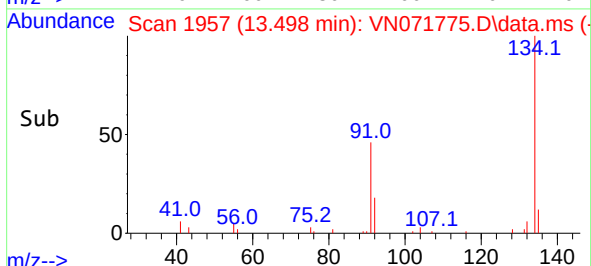
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

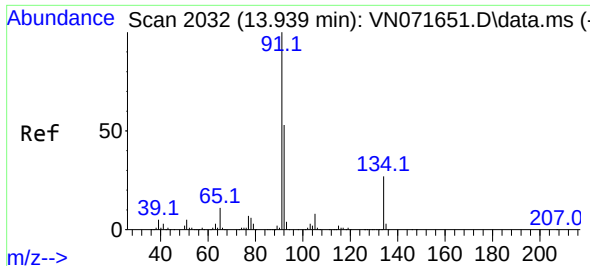


#85
sec-Butylbenzene
Concen: 2.132 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



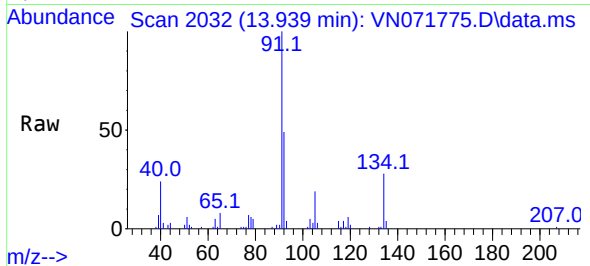
Tgt Ion:105 Resp: 71226
Ion Ratio Lower Upper
105 100
134 35.6 10.4 31.1#





#89
n-Butylbenzene
Concen: 2.532 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58

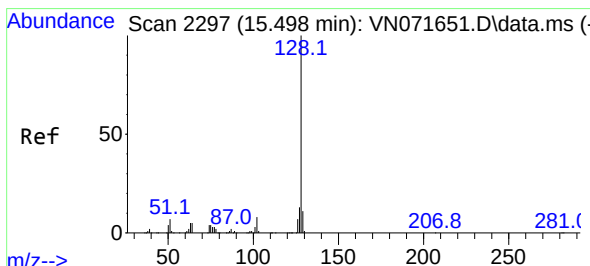
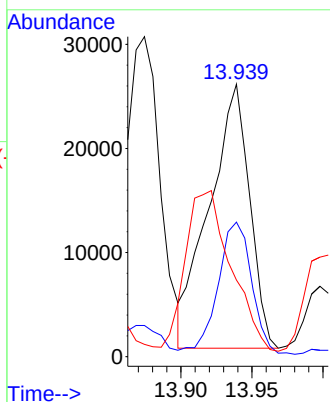
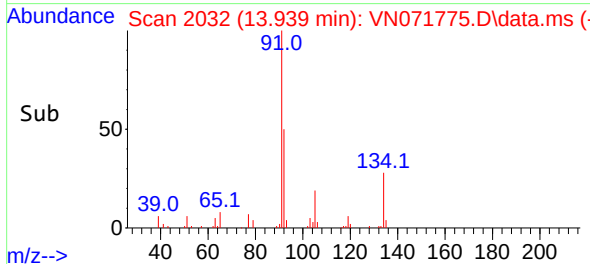
Instrument :
MSVOA_N
ClientSampleId :
MW-9



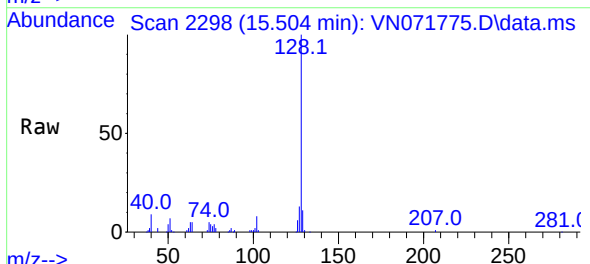
Tgt Ion: 91 Resp: 5002
Ion Ratio Lower Upper
91 100
92 42.1 26.9 80.7
134 69.0 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#95
Naphthalene
Concen: 10.166 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071775.D
Acq: 02 Apr 2022 00:58



Tgt Ion:128 Resp: 132407
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.8 8.6 13.0

