

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067508.D
 Acq On : 25 Jun 2021 16:45
 Operator : JC/MD
 Sample : M2806-05 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5R

Manual Integrations
 APPROVED

SAM
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Quant Time: Jun 29 02:01:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	188850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	423554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	370584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	127245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	214527	55.505	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.020%			
35) Dibromofluoromethane	8.024	113	130295	49.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.860%			
50) Toluene-d8	10.443	98	576981	51.843	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.680%			
62) 4-Bromofluorobenzene	12.733	95	198867	50.153	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.300%			
Target Compounds					Qvalue	
16) Acetone	4.304	43	4867m	3.290	ug/l	
67) Ethyl Benzene	11.846	91	21878	1.395	ug/l	94
68) m/p-Xylenes	11.950	106	58513	11.017	ug/l	99
69) o-Xylene	12.280	106	2084	0.396	ug/l	77
73) Isopropylbenzene	12.583	105	216072	16.680	ug/l	96
78) n-propylbenzene	12.924	91	493782	30.913	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	234490	22.166	ug/l	99
83) tert-Butylbenzene	13.326	119	24476	2.930	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	1049160	101.096	ug/l	98
85) sec-Butylbenzene	13.503	105	118115	9.446	ug/l	86
89) n-Butylbenzene	13.946	91	63285	6.792	ug/l #	86
95) Naphthalene	15.507	128	10733	4.747	ug/l #	95

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

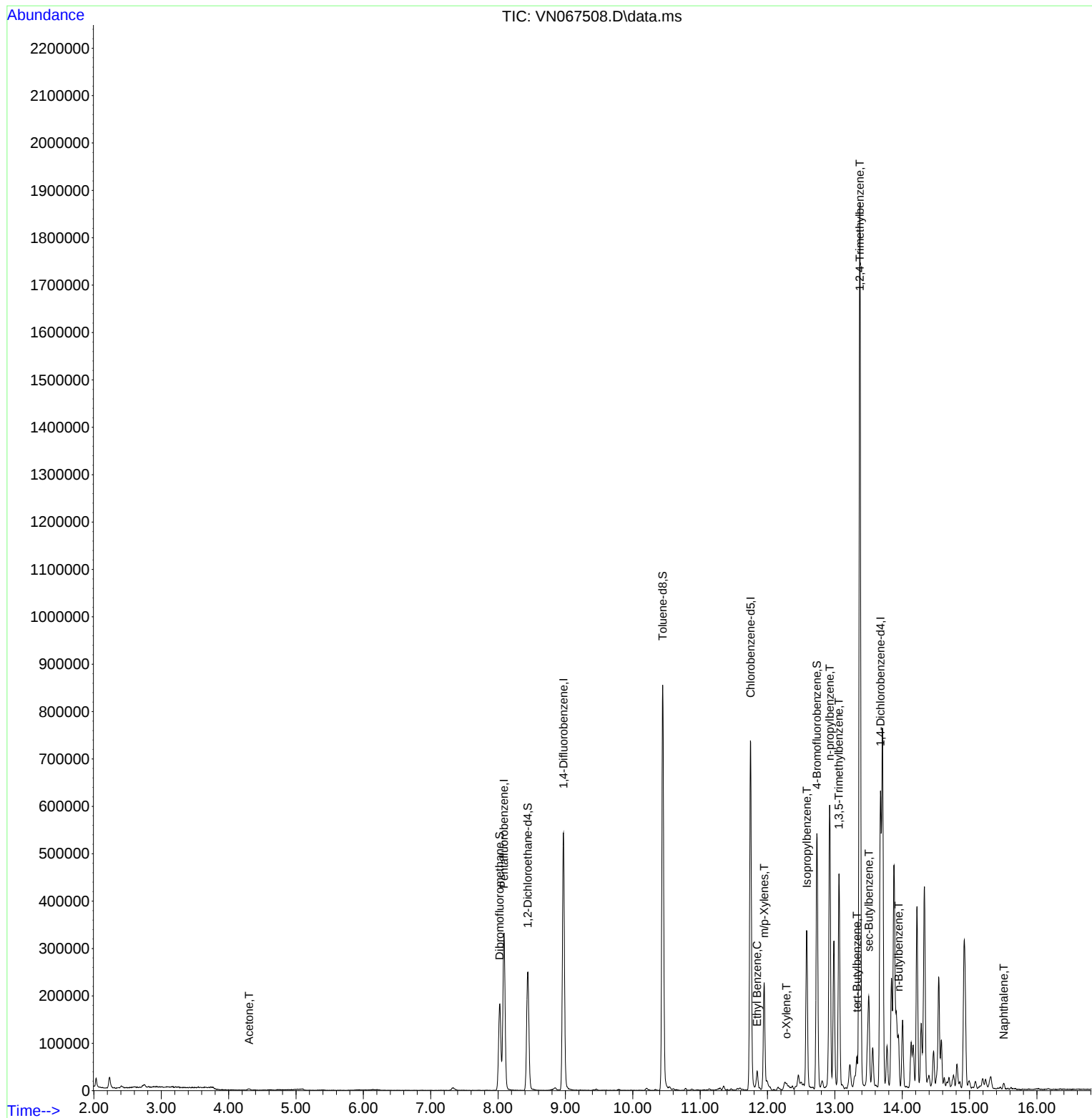
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
Data File : VN067508.D
Acq On : 25 Jun 2021 16:45
Operator : JC/MD
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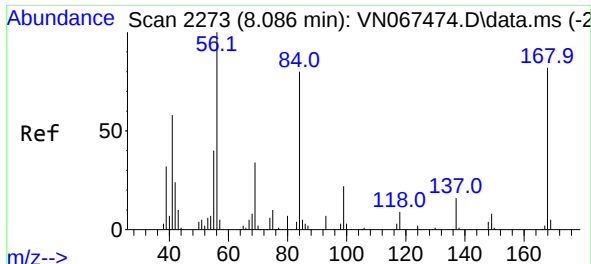
Instrument :
MSVOA_N
ClientSampleId :
MW-5R

Manual Integrations
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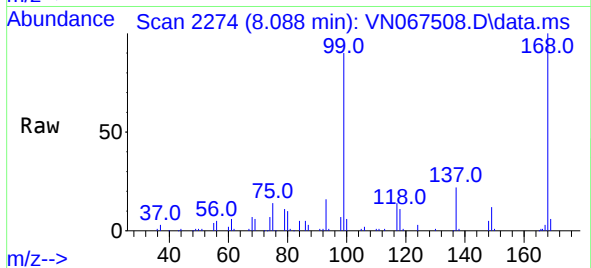
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Quant Time: Jun 29 02:01:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration

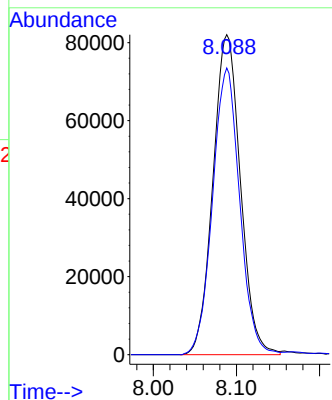
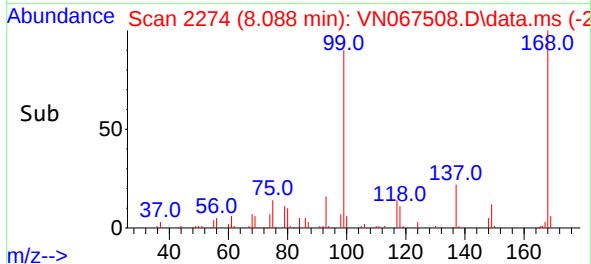




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45



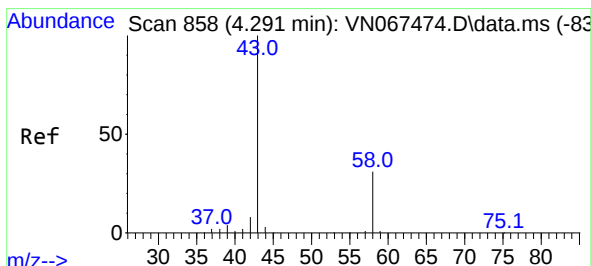
Tgt Ion:168 Resp: 188850
Ion Ratio Lower Upper
168 100
99 89.6 62.9 94.3



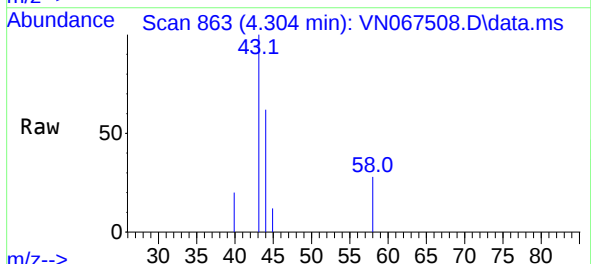
Instrument :
MSVOA_N
ClientSampleId :
MW-5R

Manual Integrations
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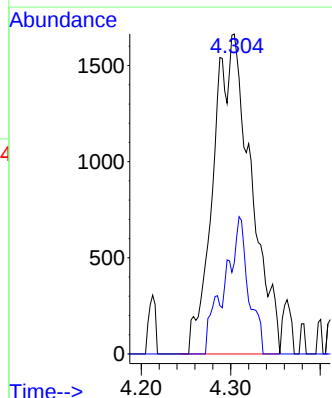
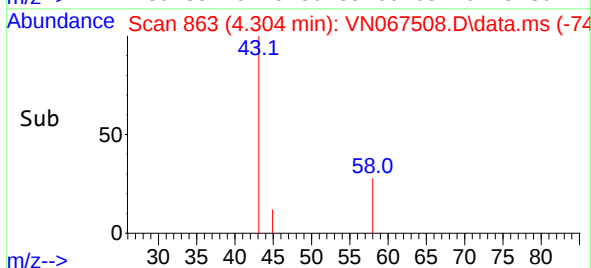
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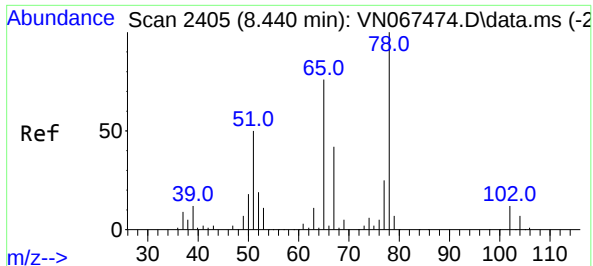


#16
Acetone
Concen: 3.290 ug/l m
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45



Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8





#33

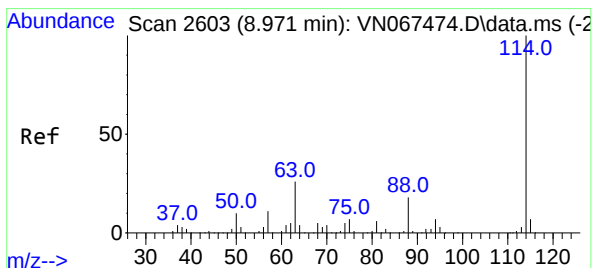
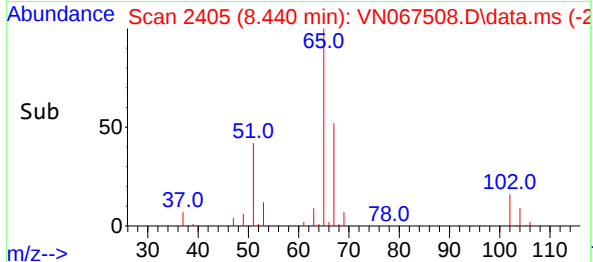
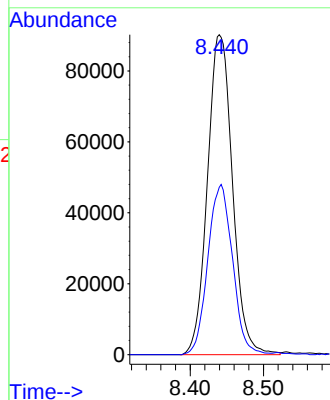
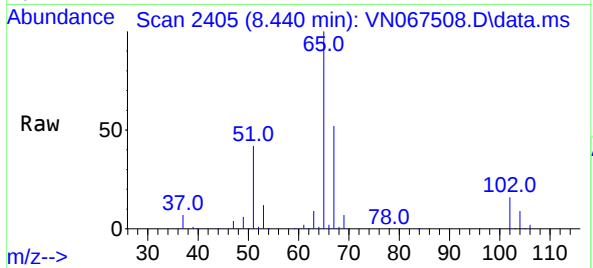
1,2-Dichloroethane-d4
Concen: 55.505 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion: 65 Resp: 214527
Ion Ratio Lower Upper
65 100
67 52.4 0.0 98.6

Instrument :
MSVOA_N
ClientSampled :
MW-5R

Manual Integrations
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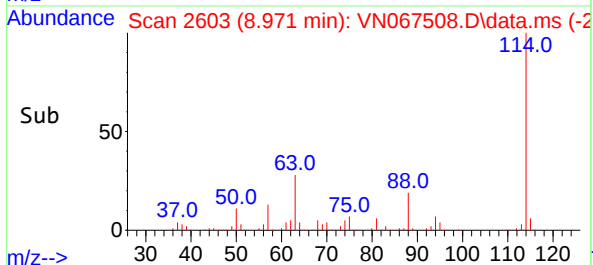
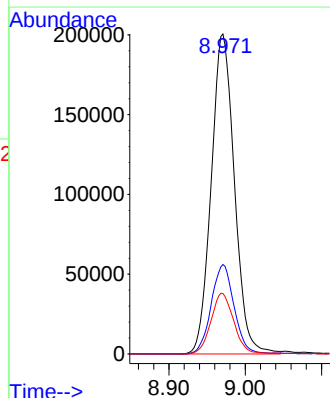
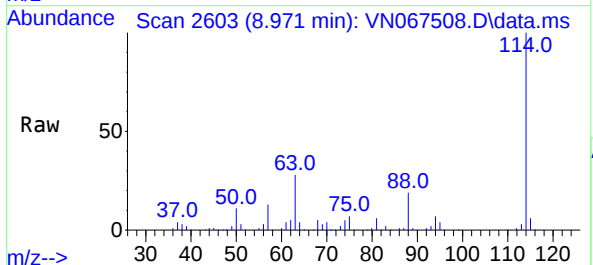
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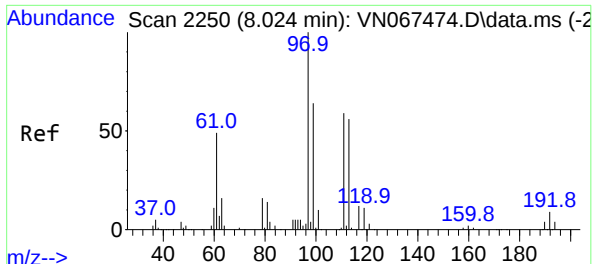


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

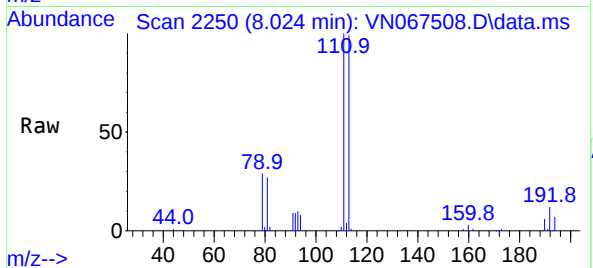
Tgt Ion: 114 Resp: 423554
Ion Ratio Lower Upper
114 100
63 27.9 0.0 49.0
88 18.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.933 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

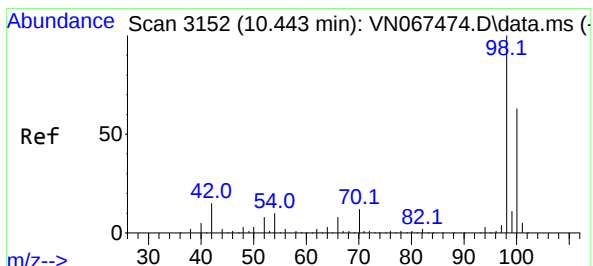
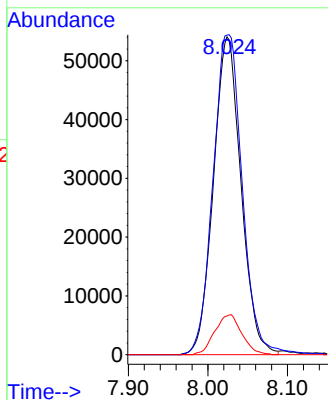
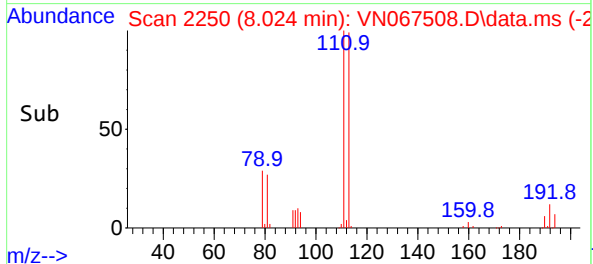
Instrument :
MSVOA_N
ClientSampled :
MW-5R



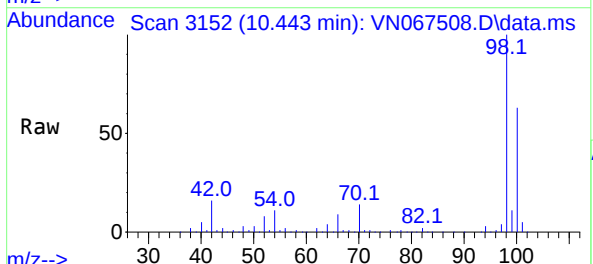
Tgt Ion:113 Resp: 130295
Ion Ratio Lower Upper
113 100
111 106.8 83.8 125.8
192 12.4 13.4 20.0#

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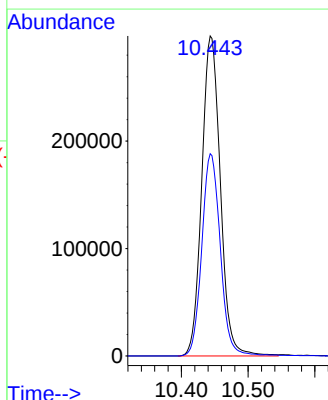
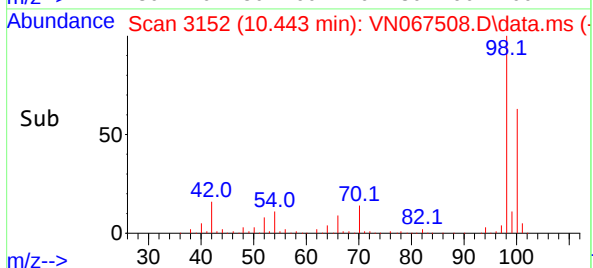
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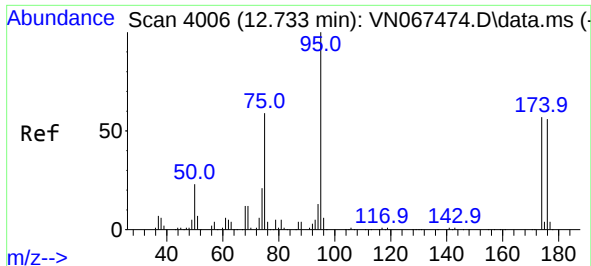


#50
Toluene-d8
Concen: 51.843 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45



Tgt Ion: 98 Resp: 576981
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5





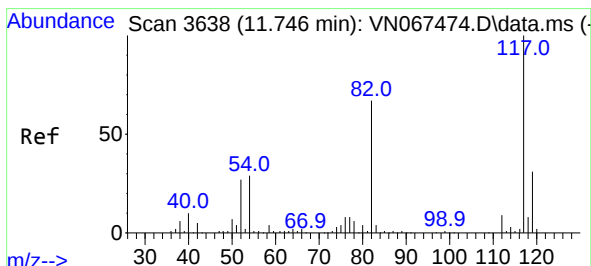
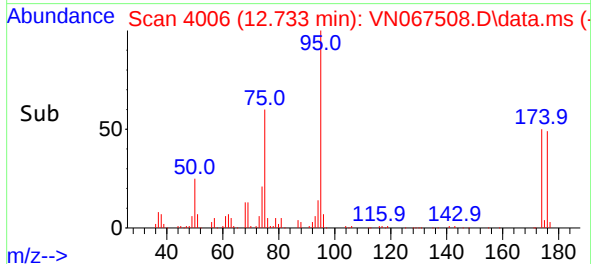
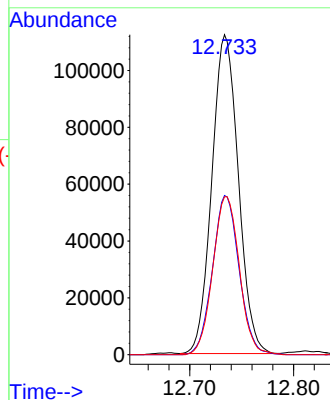
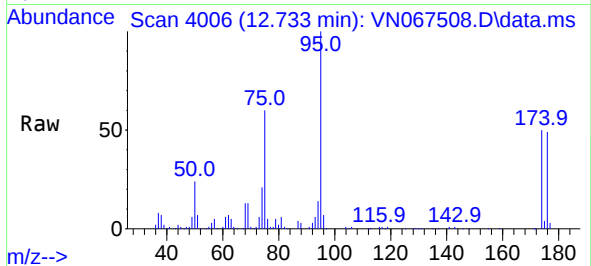
#62
4-Bromofluorobenzene
Concen: 50.153 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion: 95 Resp: 198867
Ion Ratio Lower Upper
95 100
174 50.1 0.0 122.0
176 49.7 0.0 117.6

Instrument :
MSVOA_N
ClientSampled :
MW-5R

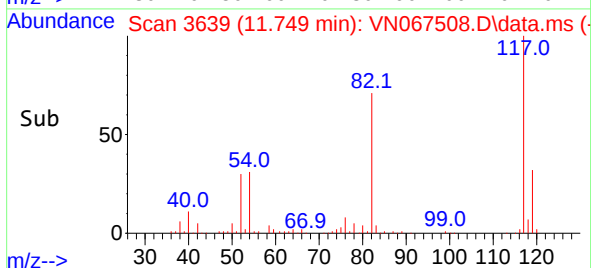
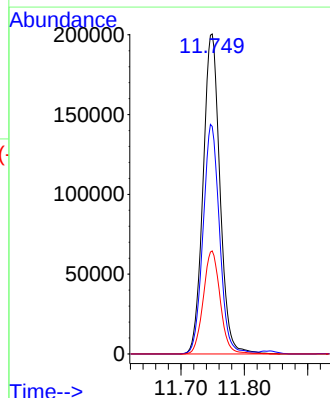
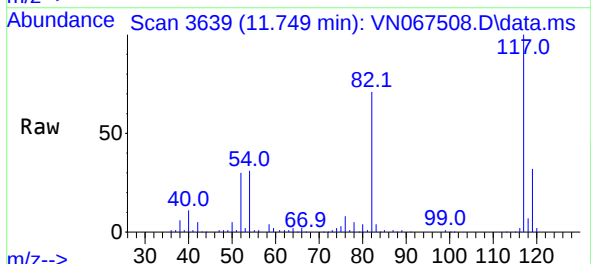
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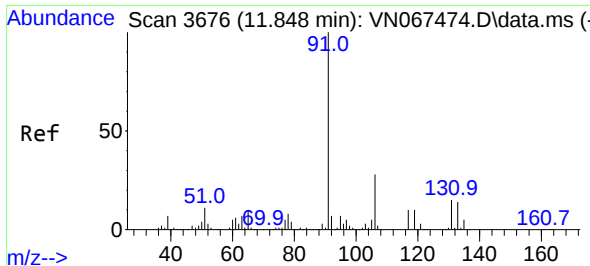
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion: 117 Resp: 370584
Ion Ratio Lower Upper
117 100
82 71.1 53.1 79.7
119 32.2 25.5 38.3





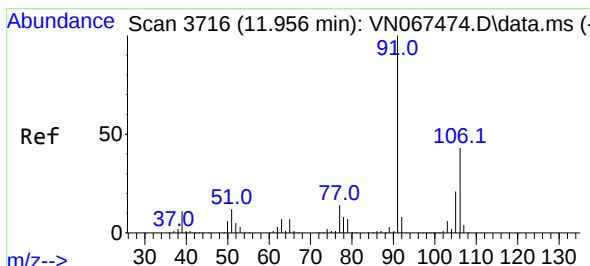
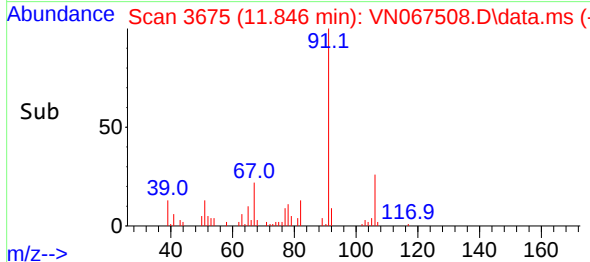
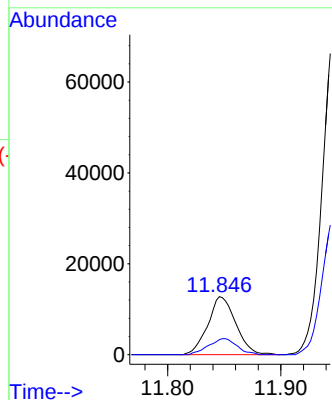
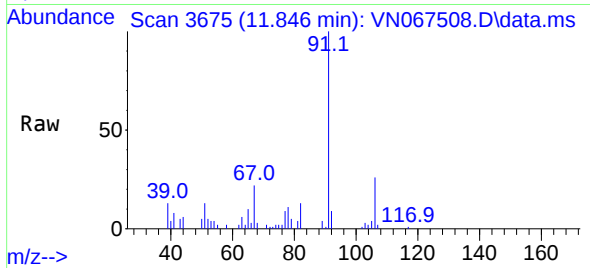
#67
Ethyl Benzene
Concen: 1.395 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion: 91 Resp: 21878
Ion Ratio Lower Upper
91 100
106 25.8 23.4 35.0

Instrument :
MSVOA_N
ClientSampled :
MW-5R

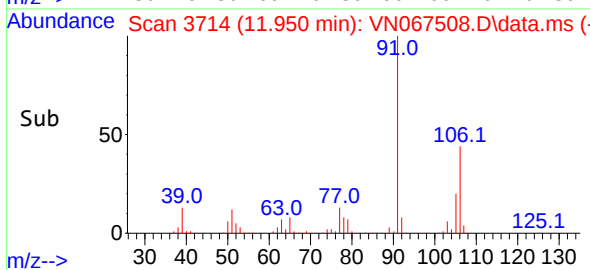
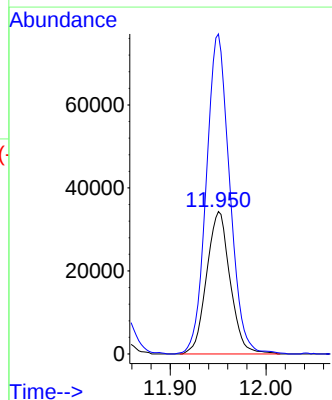
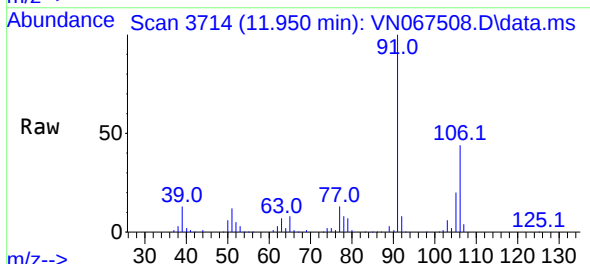
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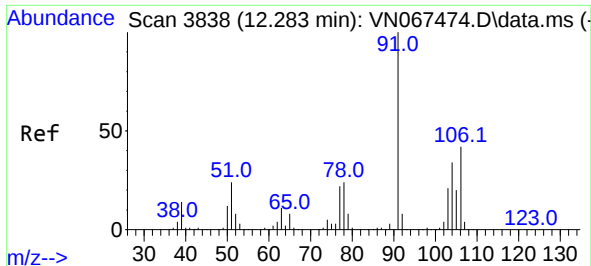
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#68
m/p-Xylenes
Concen: 11.017 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion: 106 Resp: 58513
Ion Ratio Lower Upper
106 100
91 223.4 180.6 270.8





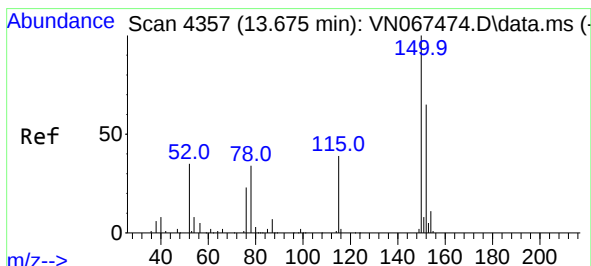
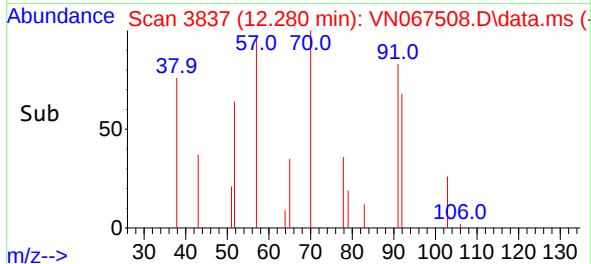
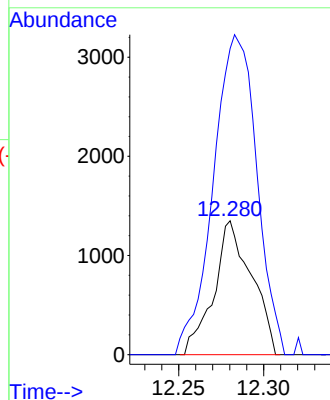
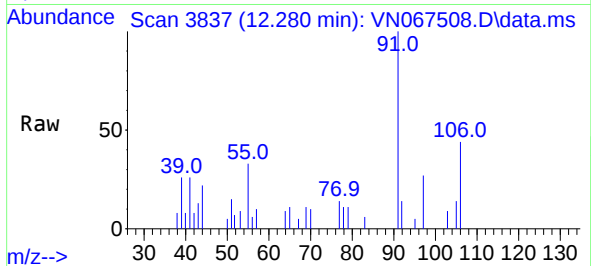
#69
o-Xylene
Concen: 0.396 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion:106 Resp: 2084
Ion Ratio Lower Upper
106 100
91 276.0 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
MW-5R

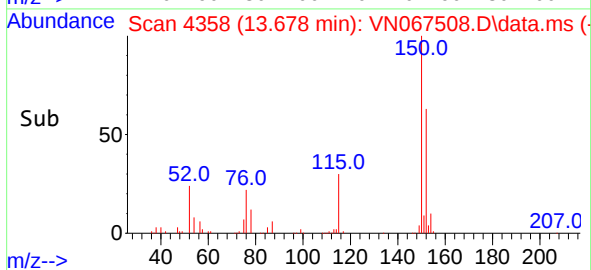
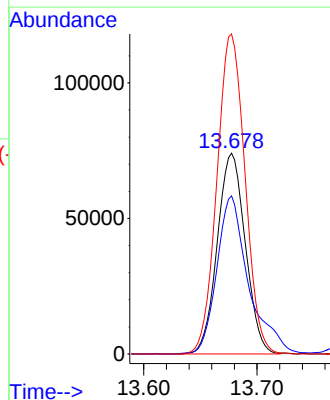
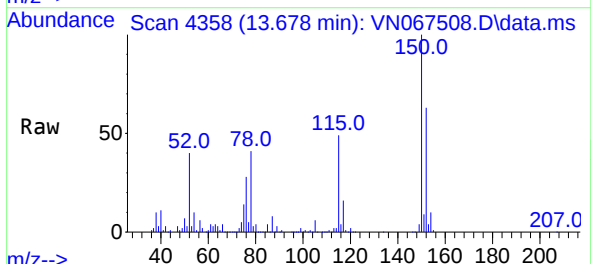
Manual Integrations
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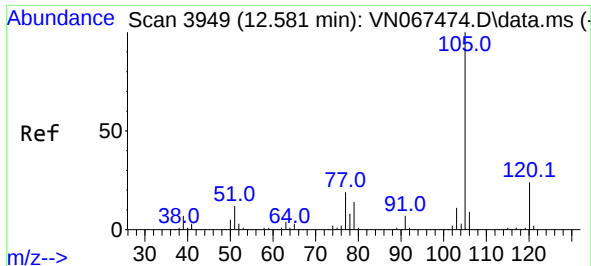
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion:152 Resp: 127245
Ion Ratio Lower Upper
152 100
115 89.6 36.1 108.5
150 159.8 0.0 351.8





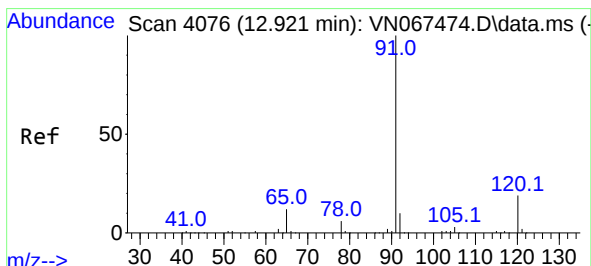
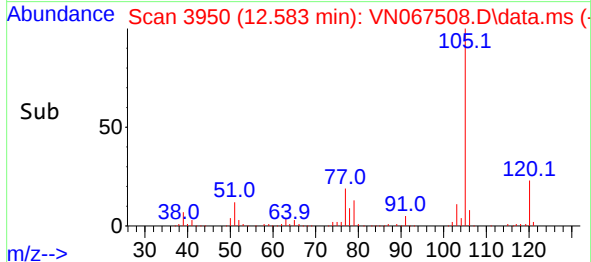
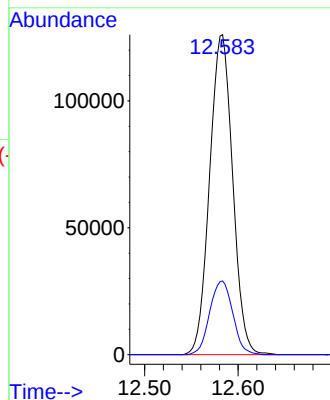
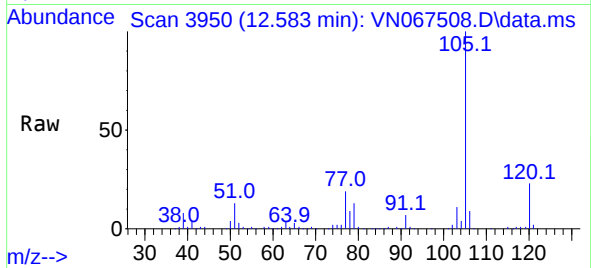
#73
Isopropylbenzene
Concen: 16.680 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion:105 Resp: 216072
Ion Ratio Lower Upper
105 100
120 23.1 12.5 37.5

Instrument :
MSVOA_N
ClientSampled :
MW-5R

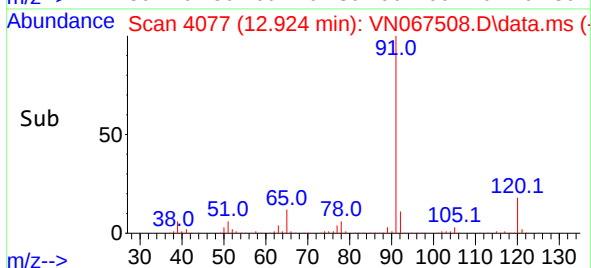
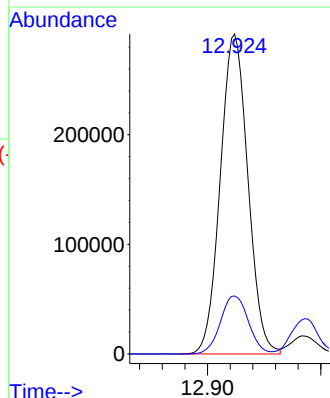
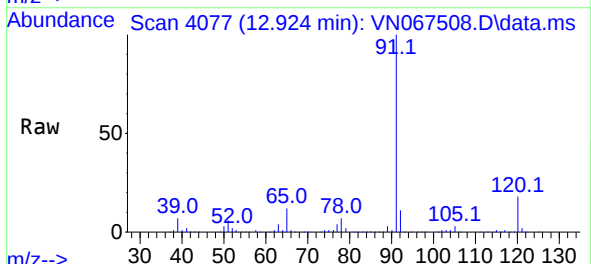
Manual Integrations
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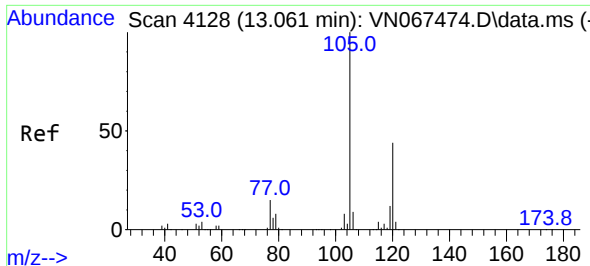
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#78
n-propylbenzene
Concen: 30.913 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion: 91 Resp: 493782
Ion Ratio Lower Upper
91 100
120 18.4 10.4 31.4





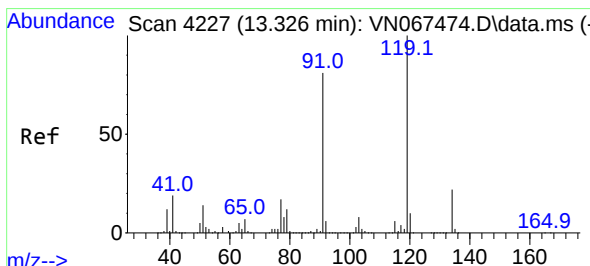
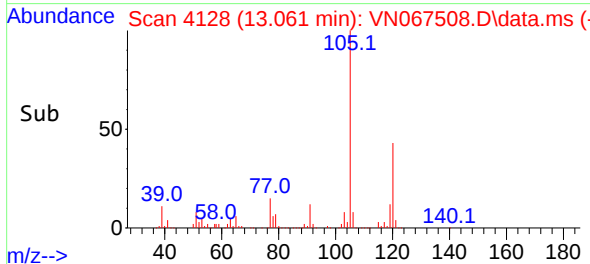
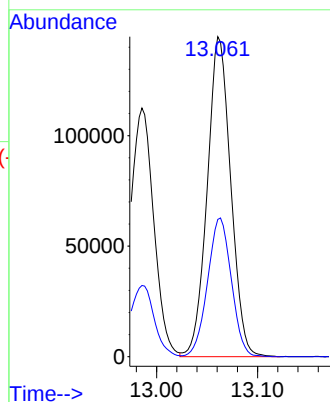
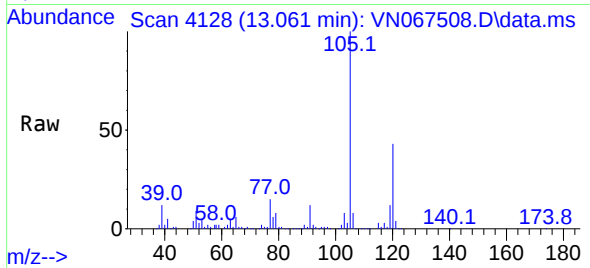
#80
1,3,5-Trimethylbenzene
Concen: 22.166 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Instrument :
MSVOA_N
ClientSampled :
MW-5R

Tgt Ion:105 Resp: 234490
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6

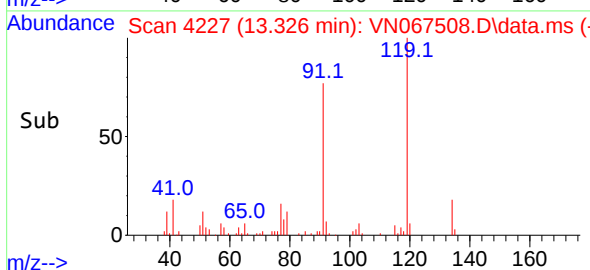
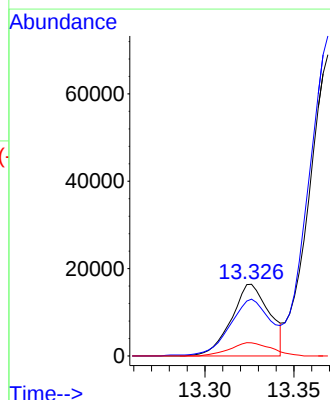
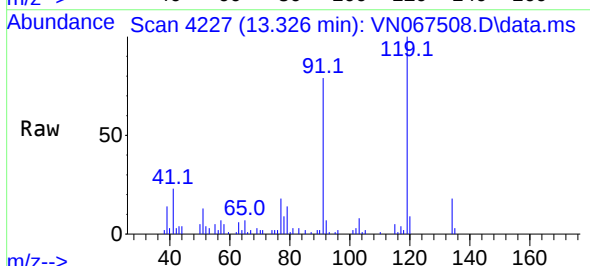
Manual Integrations
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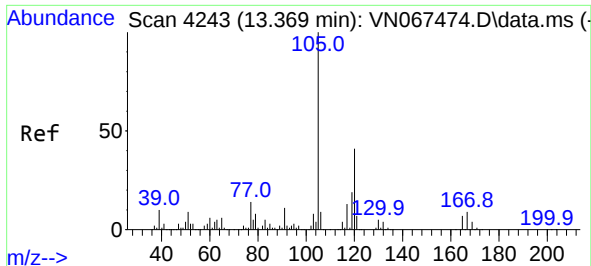
SAM
6/29/2021 7:22:53 PM



#83
tert-Butylbenzene
Concen: 2.930 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion:119 Resp: 24476
Ion Ratio Lower Upper
119 100
91 85.4 39.5 118.5
134 20.1 12.0 36.0





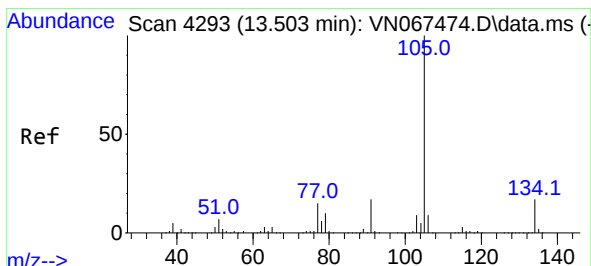
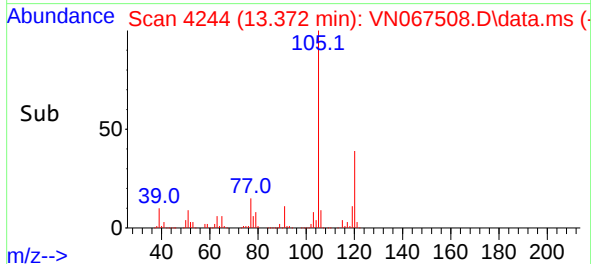
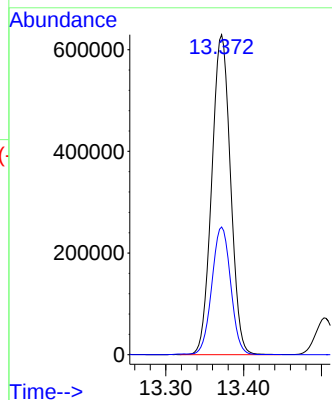
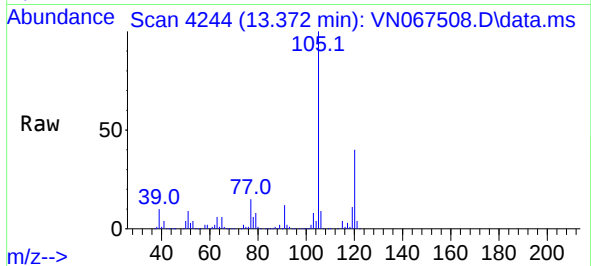
#84
1,2,4-Trimethylbenzene
Concen: 101.096 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

Tgt Ion:105 Resp: 1049160
Ion Ratio Lower Upper
105 100
120 40.1 20.6 61.8

Instrument :
MSVOA_N
ClientSampled :
MW-5R

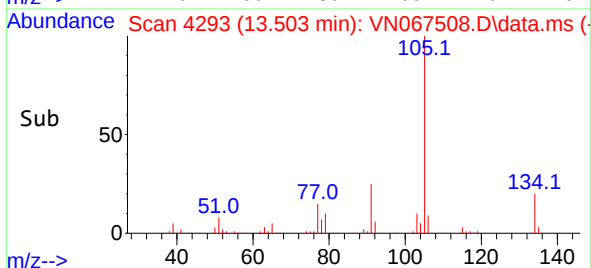
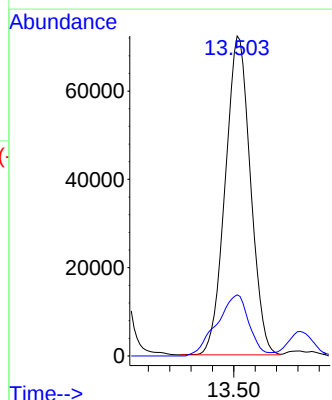
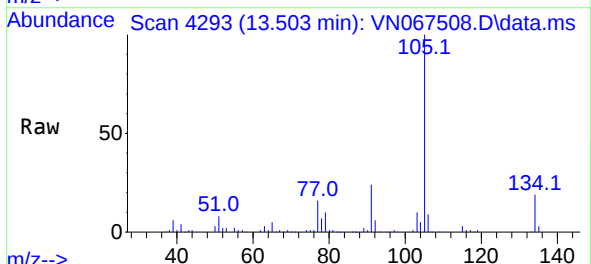
Manual Integrations
APPROVED

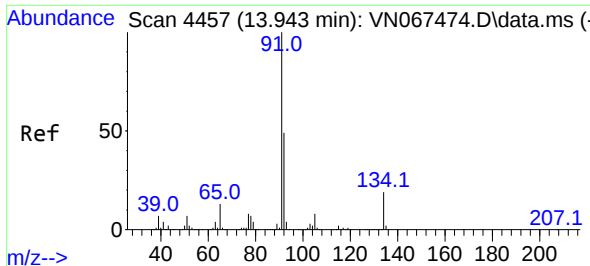
SAM
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#85
sec-Butylbenzene
Concen: 9.446 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

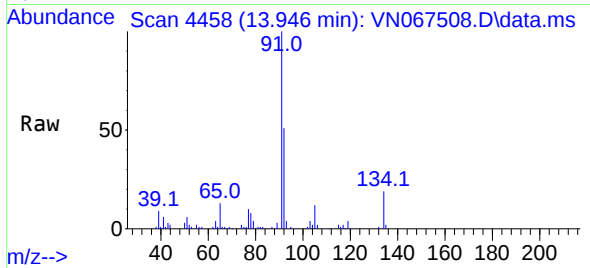
Tgt Ion:105 Resp: 118115
Ion Ratio Lower Upper
105 100
134 24.4 9.0 27.1





#89
n-Butylbenzene
Concen: 6.792 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45

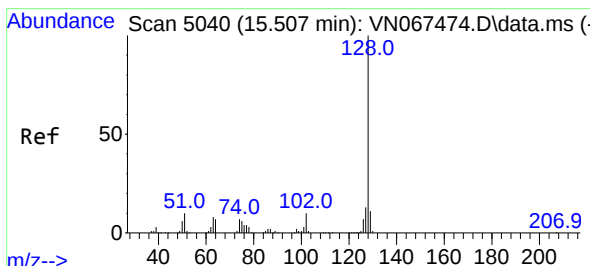
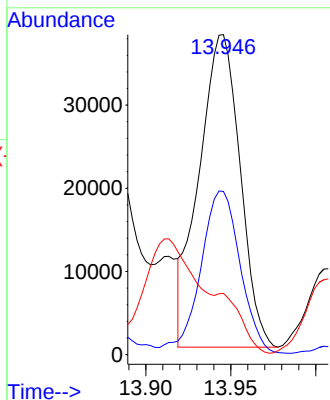
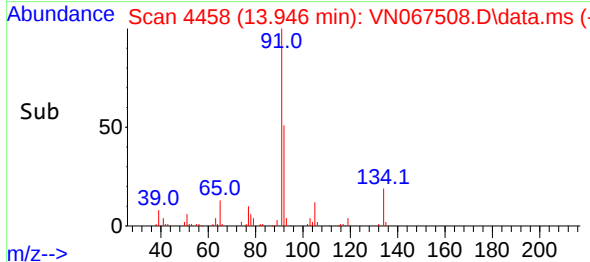
Instrument :
MSVOA_N
ClientSampled :
MW-5R



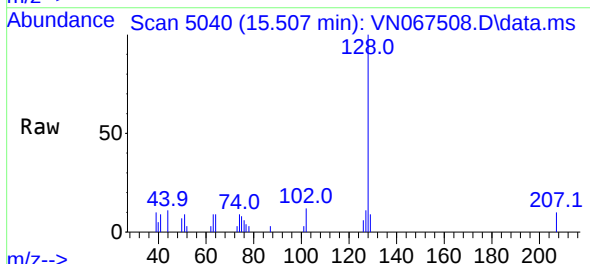
Tgt Ion: 91 Resp: 63285
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.1
134 0.0 11.2 33.6#

Manual Integrations
APPROVED

SAM
6/29/2021 7:22:53 PM



#95
Naphthalene
Concen: 4.747 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067508.D
Acq: 25 Jun 2021 16:45



Tgt Ion: 128 Resp: 10733
Ion Ratio Lower Upper
128 100
127 10.4 10.6 15.8#
129 10.0 8.6 12.8

