

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068091.D
 Acq On : 12 Aug 2021 15:51
 Operator : JC/MD
 Sample : M3360-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41935

Manual Integrations
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 8/13/2021 10:56:31 AM

Quant Time: Aug 13 05:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	307640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	591094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	608038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	296438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	235881	54.161	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.320%			
35) Dibromofluoromethane	8.024	113	182672	53.028	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.060%			
50) Toluene-d8	10.443	98	761755	48.076	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.160%			
62) 4-Bromofluorobenzene	12.734	95	296299	50.827	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.660%			
Target Compounds					Qvalue	
16) Acetone	4.293	43	34591	21.768	ug/l	90
18) Methyl Acetate	4.859	43	3006m	0.686	ug/l	
25) 2-Butanone	7.362	43	3244	1.407	ug/l	91
39) Methylcyclohexane	9.462	83	22134	3.746	ug/l	85
52) Toluene	10.508	92	42296	4.021	ug/l	96
67) Ethyl Benzene	11.849	91	475952	21.612	ug/l	96
68) m/p-Xylenes	11.953	106	820090	85.838	ug/l	88
69) o-Xylene	12.283	106	681239	84.142	ug/l	89
73) Isopropylbenzene	12.581	105	133250	5.509	ug/l	97
78) n-propylbenzene	12.924	91	292456	10.715	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	775467	39.558	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	2168479	114.171	ug/l	93
85) sec-Butylbenzene	13.503	105	164850	7.230	ug/l	88
86) p-Isopropyltoluene	13.616	119	104926	5.784	ug/l	93
89) n-Butylbenzene	13.946	91	127883	8.222	ug/l #	80
95) Naphthalene	15.507	128	95481	10.364	ug/l #	95

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

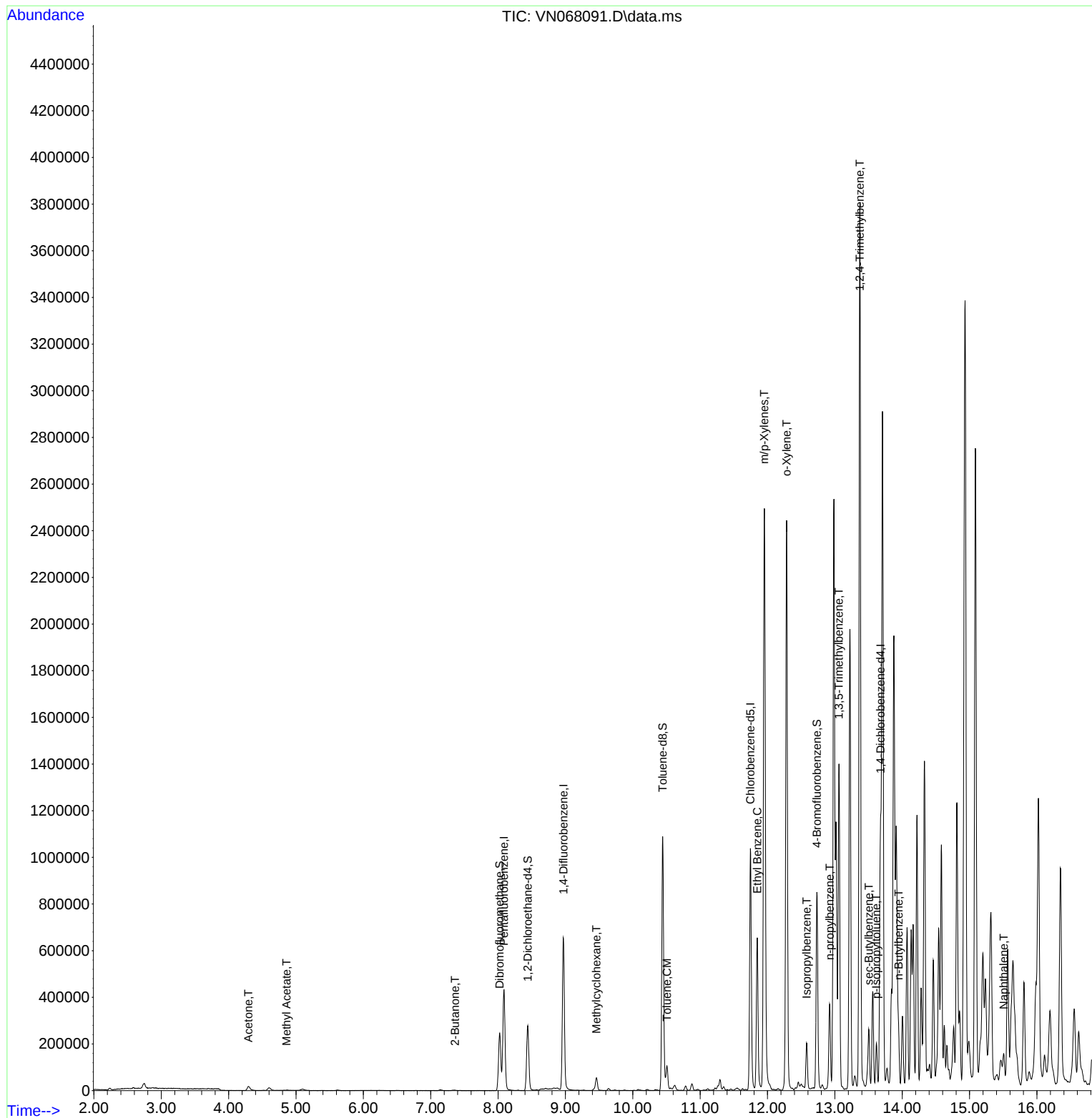
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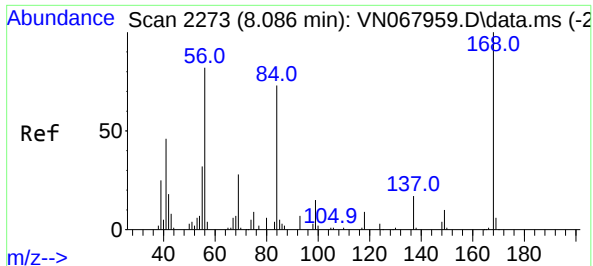
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Quant Title : SW846 8260
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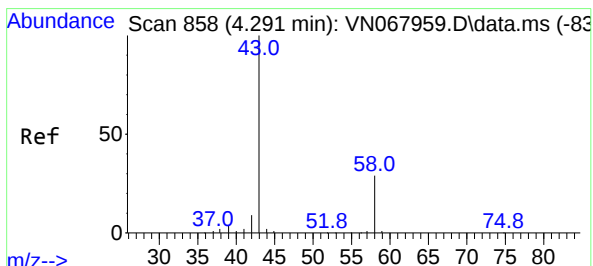
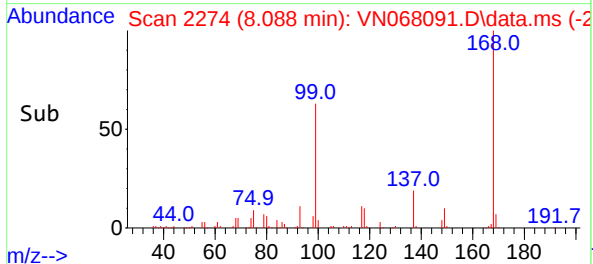
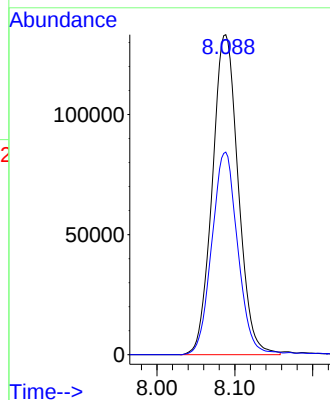
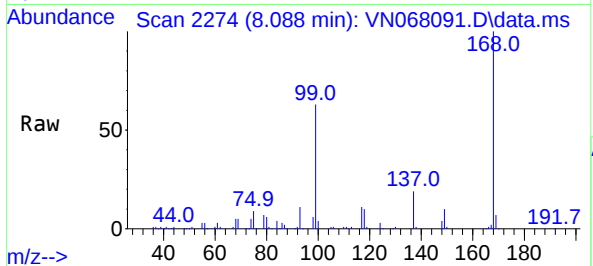
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion:168 Resp: 307640
Ion Ratio Lower Upper
168 100
99 63.3 62.9 94.3

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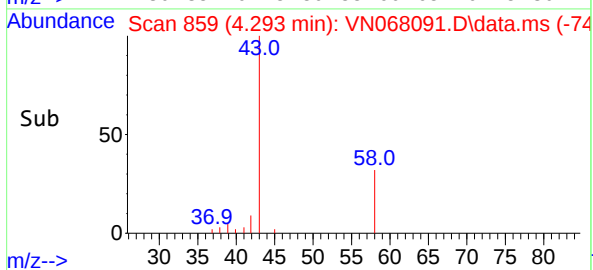
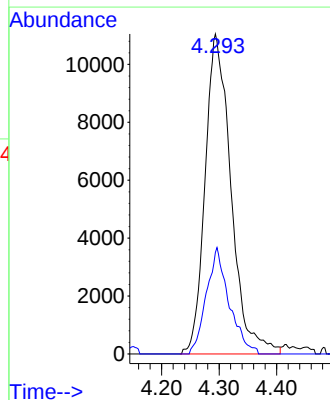
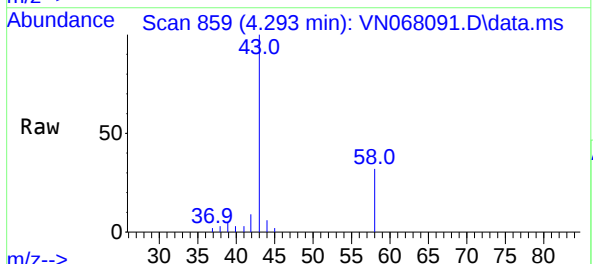
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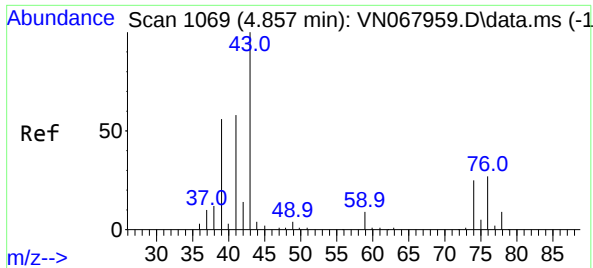
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#16
Acetone
Concen: 21.768 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

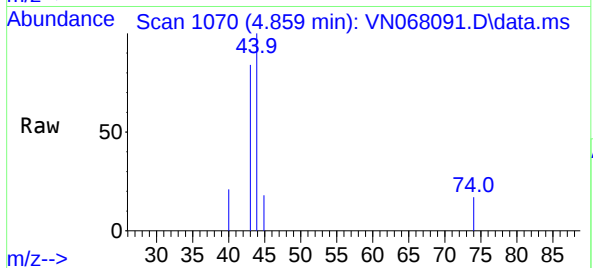
Tgt Ion: 43 Resp: 34591
Ion Ratio Lower Upper
43 100
58 31.7 21.2 31.8





#18
Methyl Acetate
Concen: 0.686 ug/l m
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

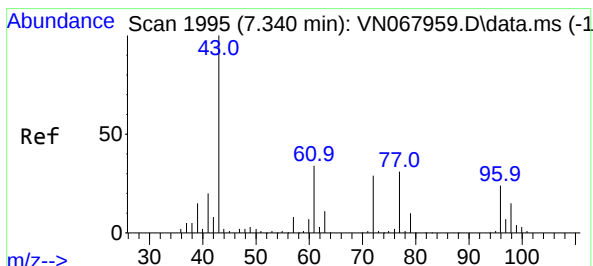
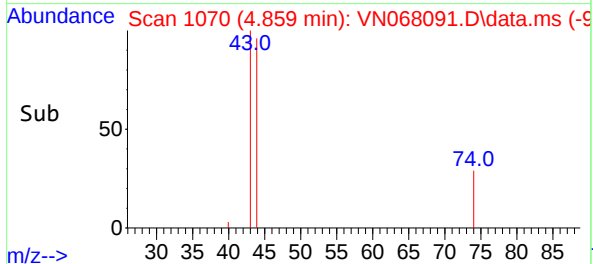
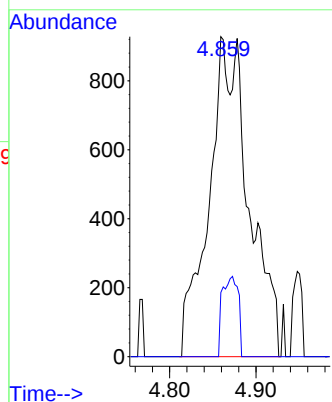
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Tgt Ion: 43 Resp: 3006
Ion Ratio Lower Upper
43 100
74 9.8 17.4 26.0#

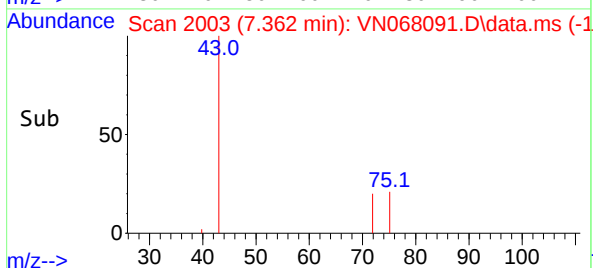
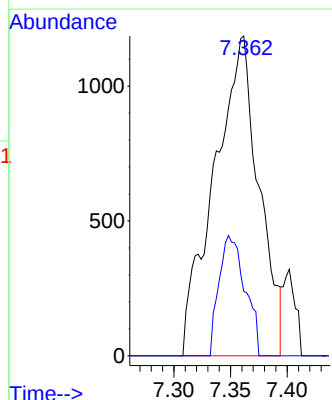
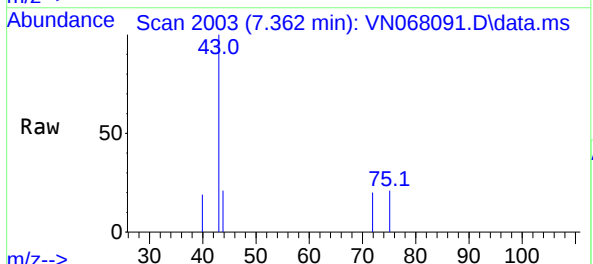
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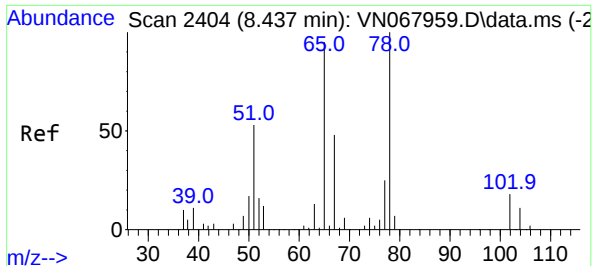
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#25
2-Butanone
Concen: 1.407 ug/l
RT: 7.362 min Scan# 2003
Delta R.T. 0.022 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion: 43 Resp: 3244
Ion Ratio Lower Upper
43 100
72 20.2 19.7 29.5





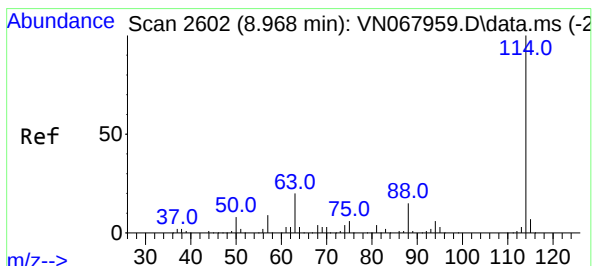
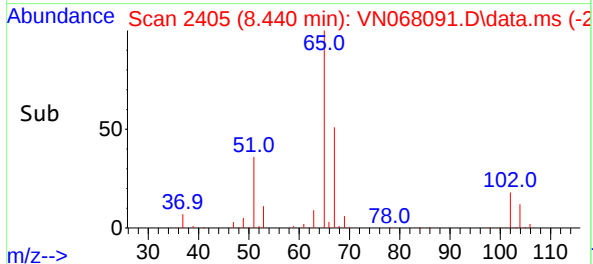
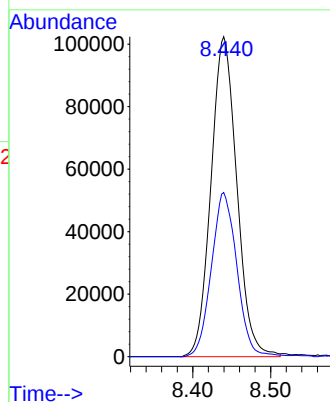
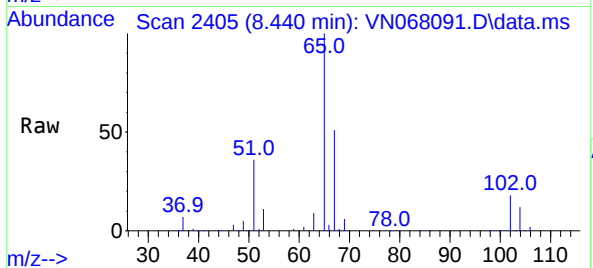
#33
1,2-Dichloroethane-d4
Concen: 54.161 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion: 65 Resp: 235881
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

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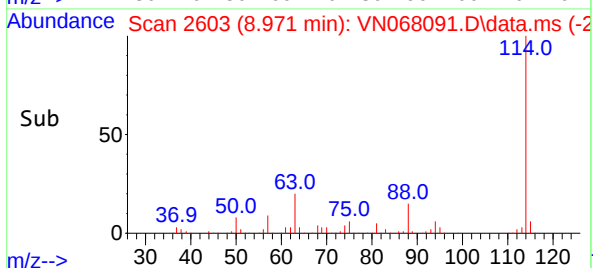
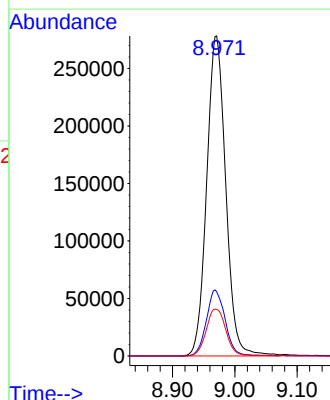
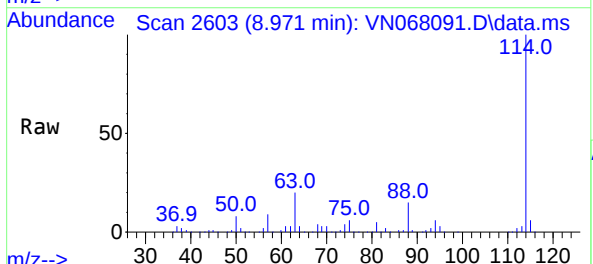
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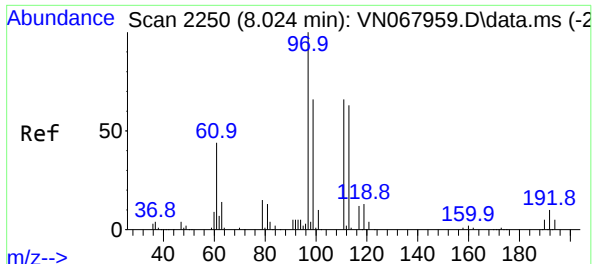
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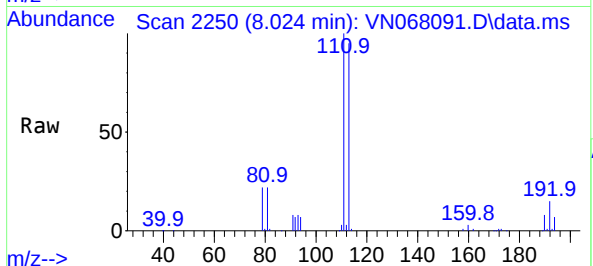
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068091.D
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Tgt Ion: 114 Resp: 591094
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 14.6 0.0 36.6

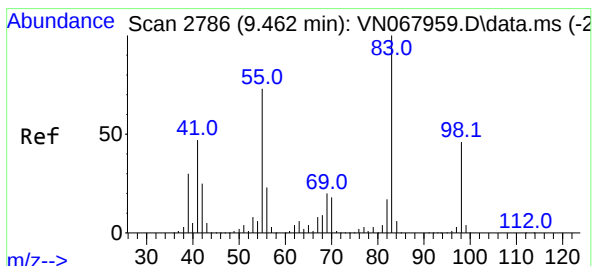
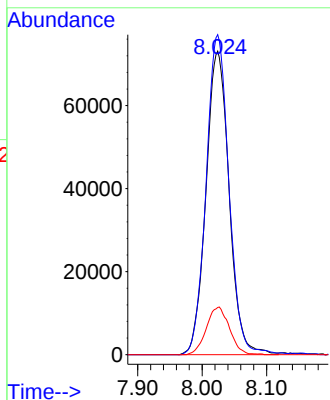
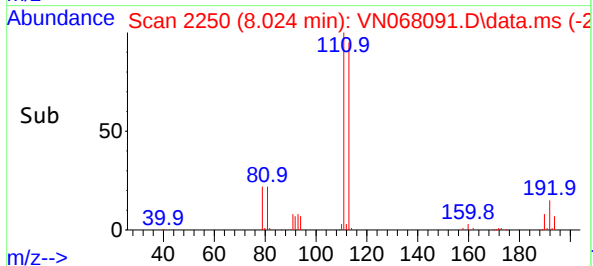




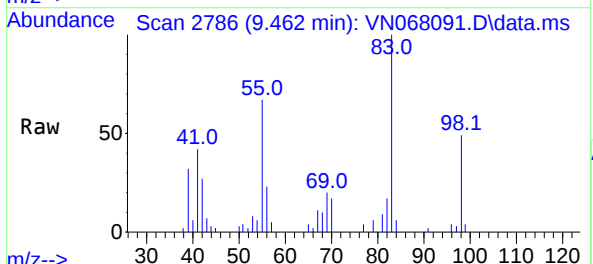
#35
Dibromofluoromethane
Concen: 53.028 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN068091.D
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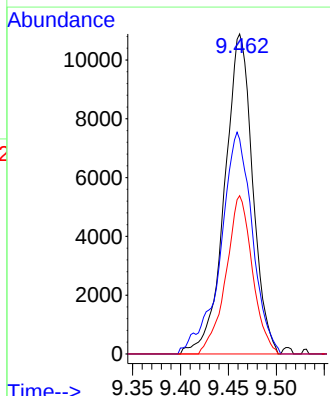
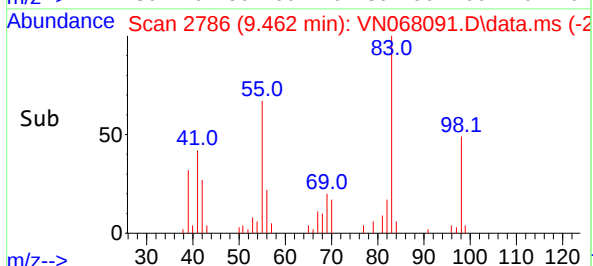
Tgt Ion: 113 Resp: 182672
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 15.7 13.4 20.0



#39
Methylcyclohexane
Concen: 3.746 ug/l
RT: 9.462 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51



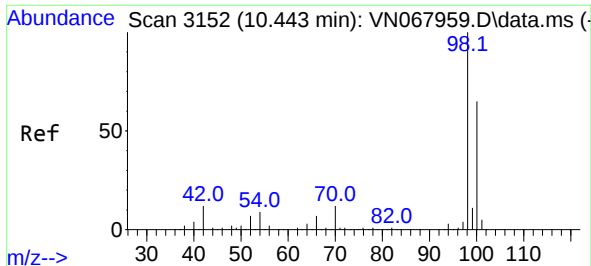
Tgt Ion: 83 Resp: 22134
Ion Ratio Lower Upper
83 100
55 67.1 66.6 99.8
98 49.5 35.3 52.9



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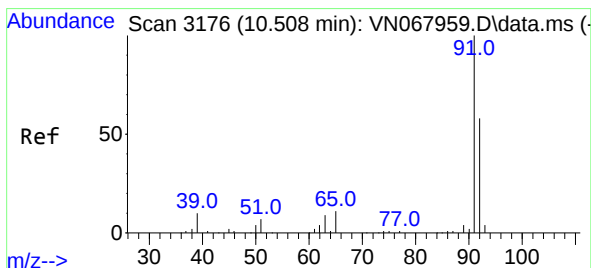
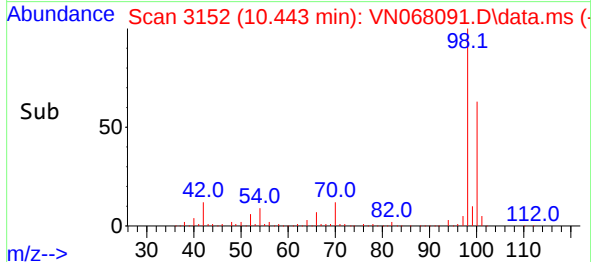
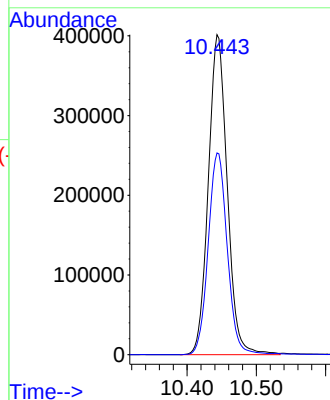
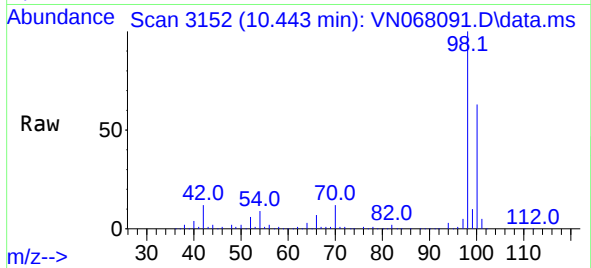
#50
Toluene-d8
Concen: 48.076 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068091.D
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Tgt Ion: 98 Resp: 761755
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5

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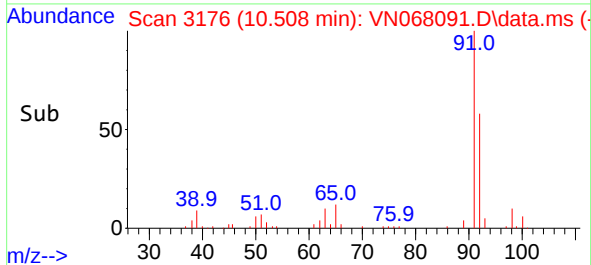
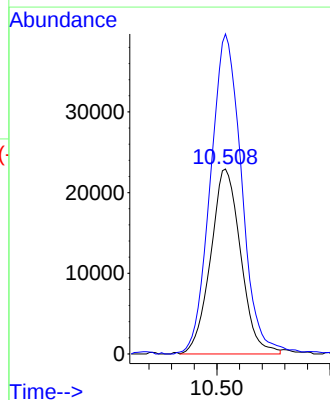
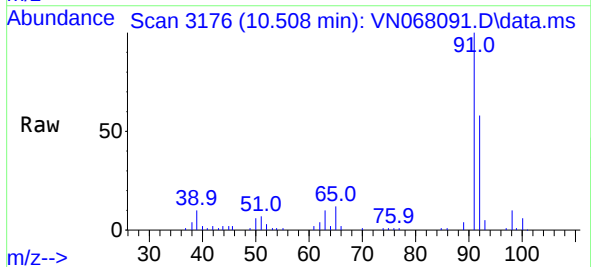
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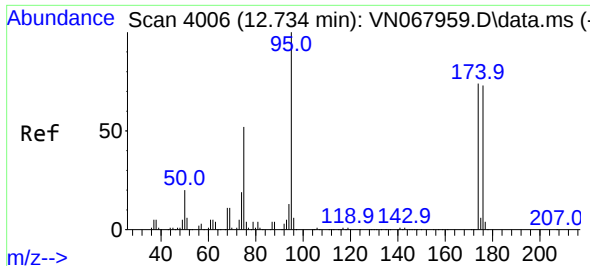
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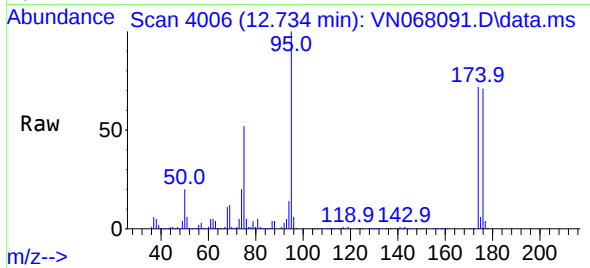
#52
Toluene
Concen: 4.021 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion: 92 Resp: 42296
Ion Ratio Lower Upper
92 100
91 179.6 139.6 209.4

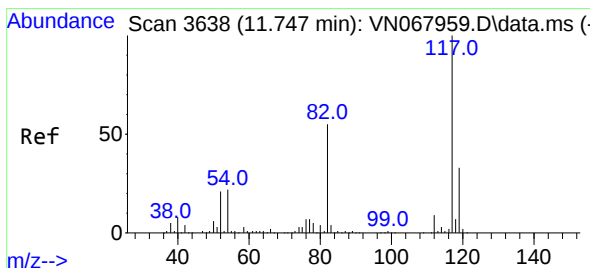
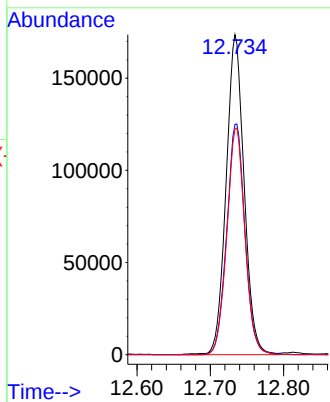
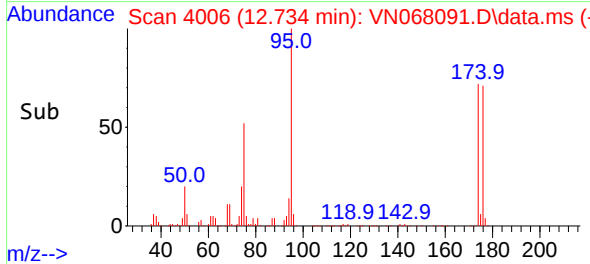




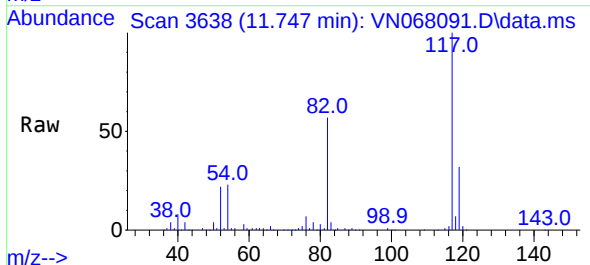
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4-Bromofluorobenzene
Concen: 50.827 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51



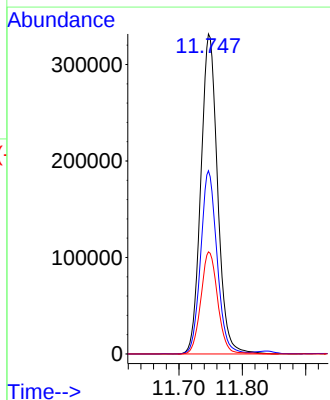
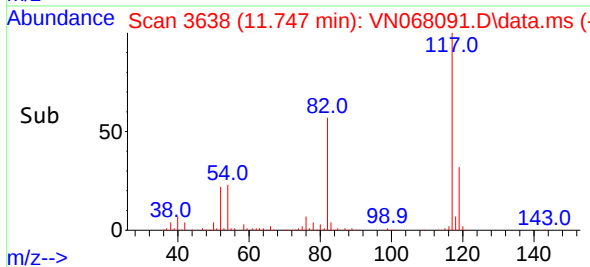
Tgt Ion: 95 Resp: 296299
Ion Ratio Lower Upper
95 100
174 73.0 0.0 122.0
176 70.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068091.D
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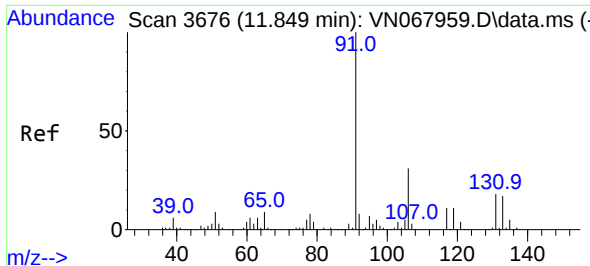
Tgt Ion: 117 Resp: 608038
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 31.9 25.5 38.3



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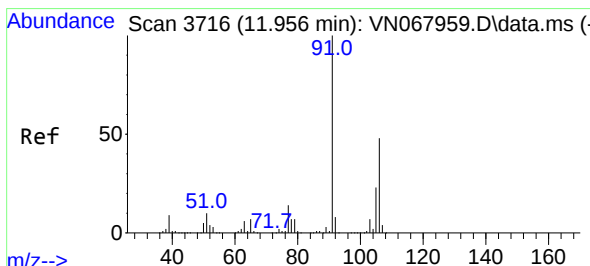
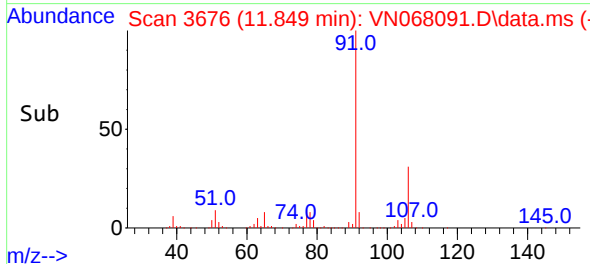
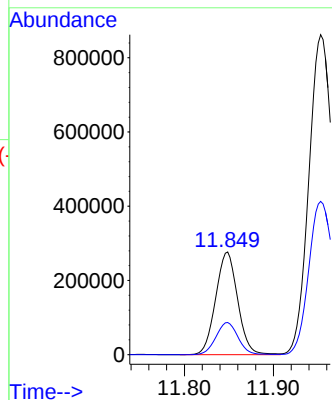
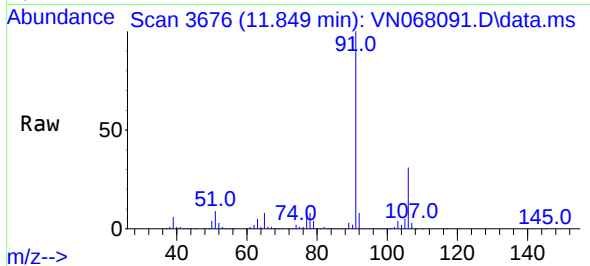
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Ethyl Benzene
Concen: 21.612 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. -0.000 min
Lab File: VN068091.D
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Tgt Ion: 91 Resp: 475952
Ion Ratio Lower Upper
91 100
106 31.4 23.4 35.0

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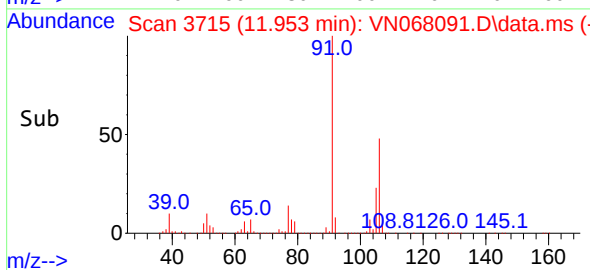
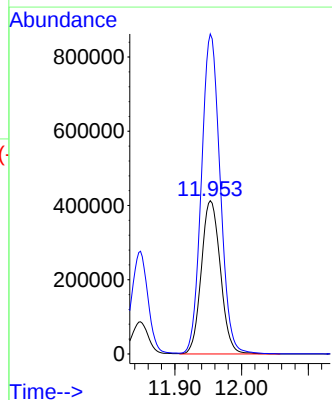
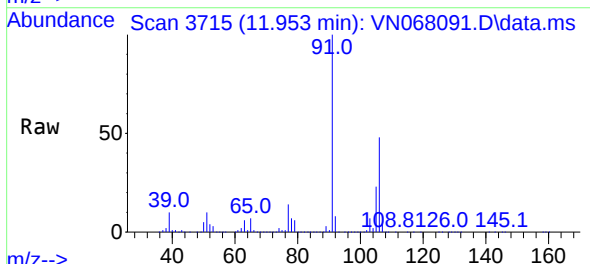
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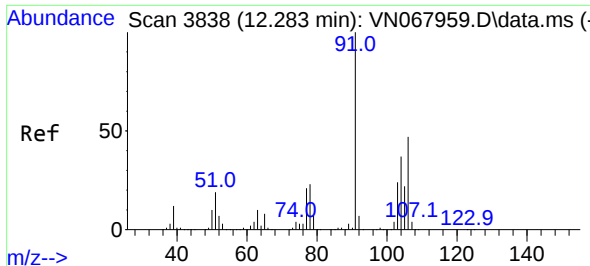
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#68
m/p-Xylenes
Concen: 85.838 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion: 106 Resp: 820090
Ion Ratio Lower Upper
106 100
91 205.5 180.6 270.8





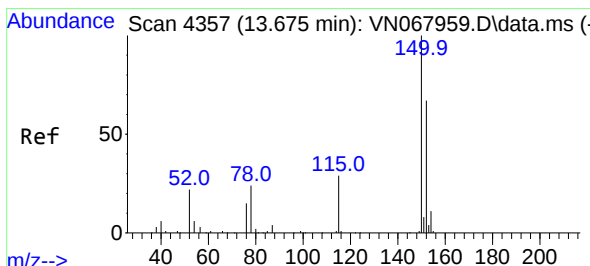
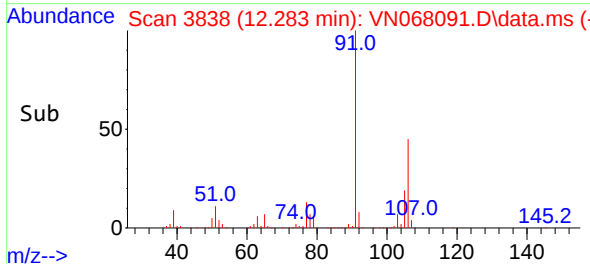
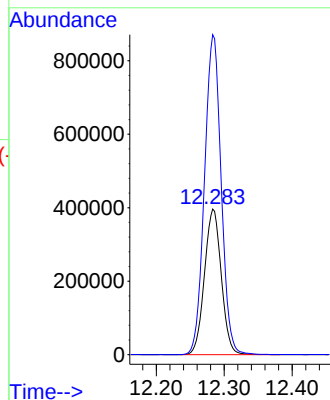
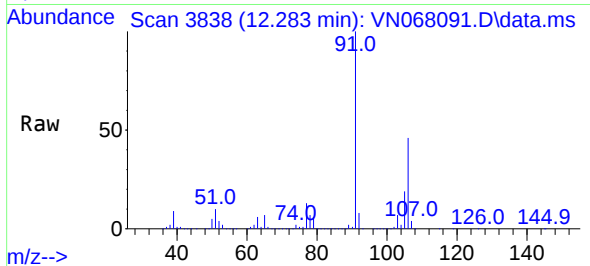
#69
o-Xylene
Concen: 84.142 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion:106 Resp: 681239
Ion Ratio Lower Upper
106 100
91 217.9 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
41935

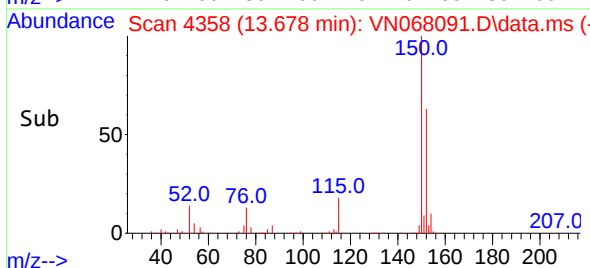
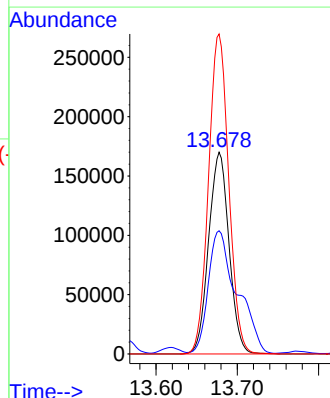
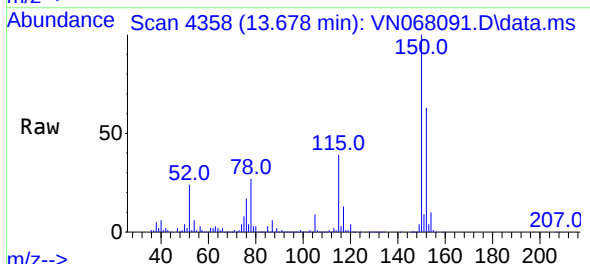
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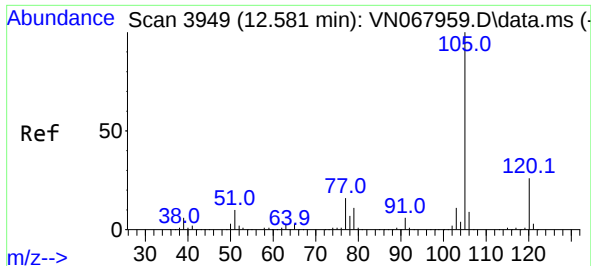
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion:152 Resp: 296438
Ion Ratio Lower Upper
152 100
115 85.6 36.1 108.5
150 157.1 0.0 351.8





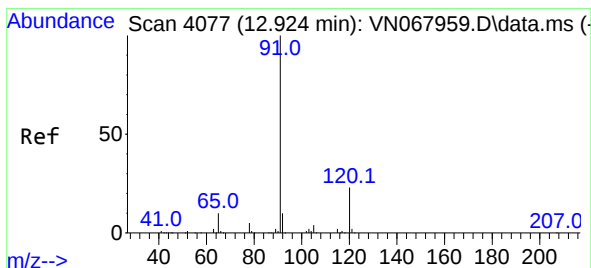
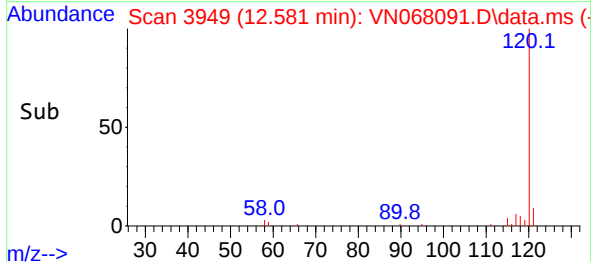
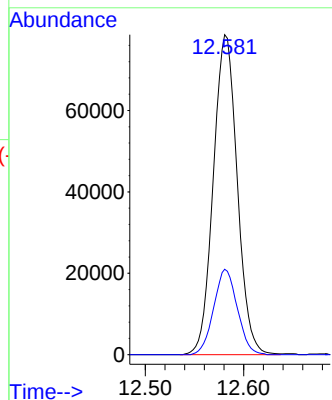
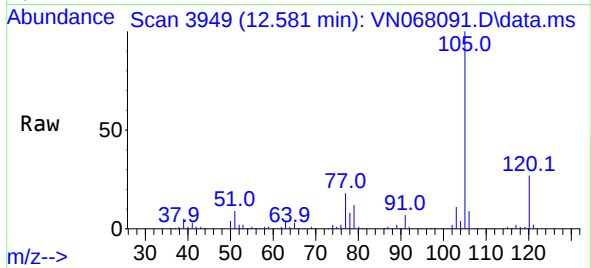
#73
Isopropylbenzene
Concen: 5.509 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion: 105 Resp: 133250
Ion Ratio Lower Upper
105 100
120 26.3 12.5 37.5

Instrument :
MSVOA_N
ClientSampled :
41935

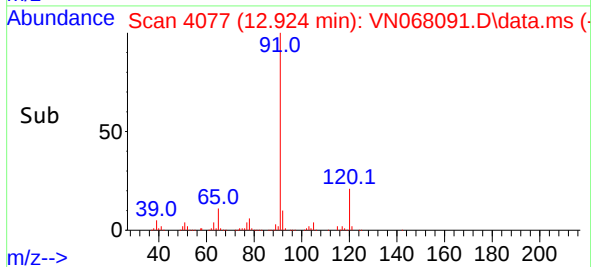
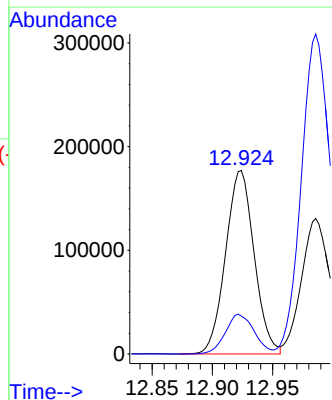
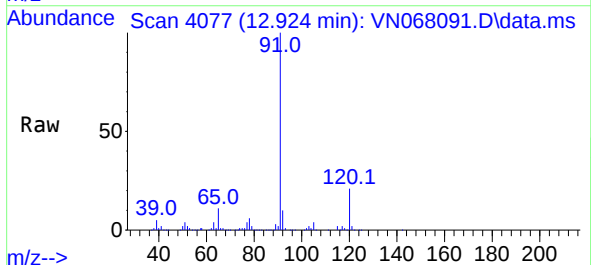
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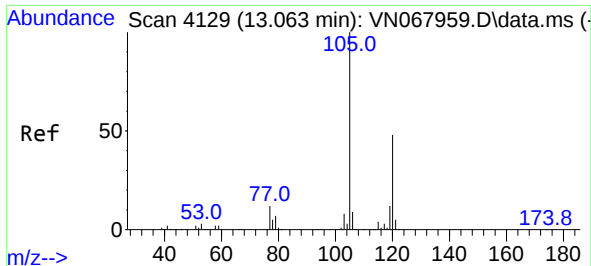
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#78
n-propylbenzene
Concen: 10.715 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion: 91 Resp: 292456
Ion Ratio Lower Upper
91 100
120 21.9 10.4 31.4





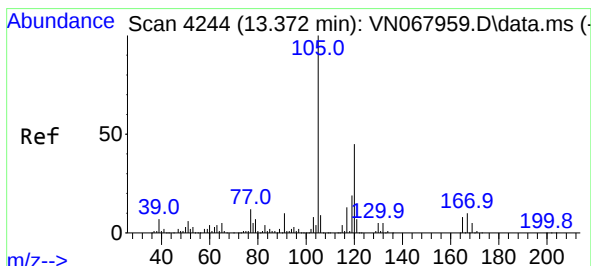
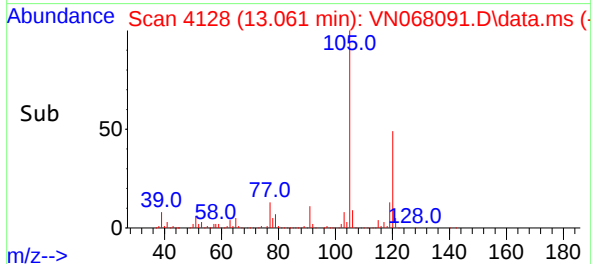
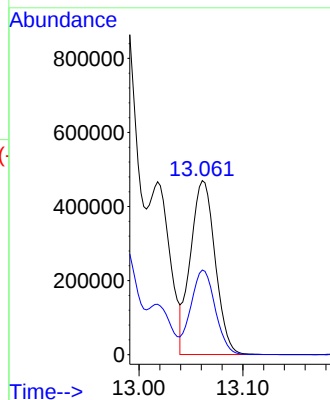
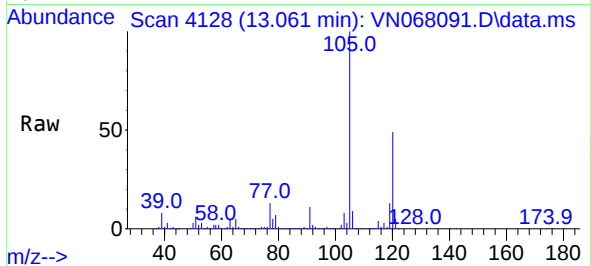
#80
1,3,5-Trimethylbenzene
Concen: 39.558 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

Tgt Ion:105 Resp: 775467
Ion Ratio Lower Upper
105 100
120 48.0 22.2 66.6

Instrument :
MSVOA_N
ClientSampled :
41935

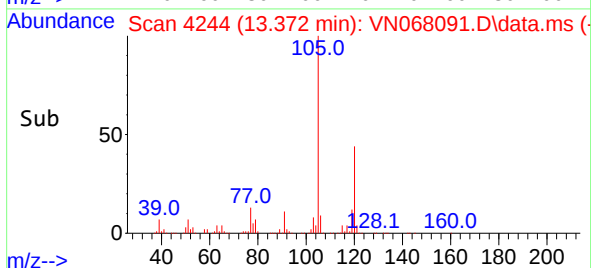
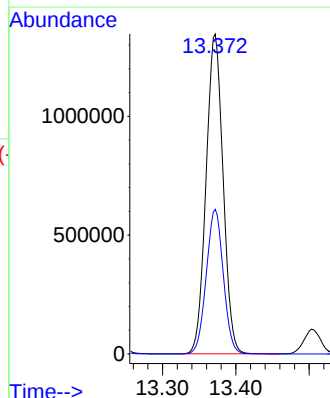
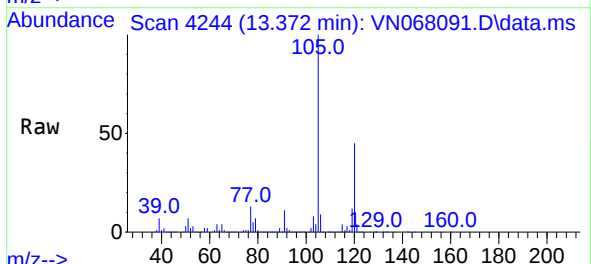
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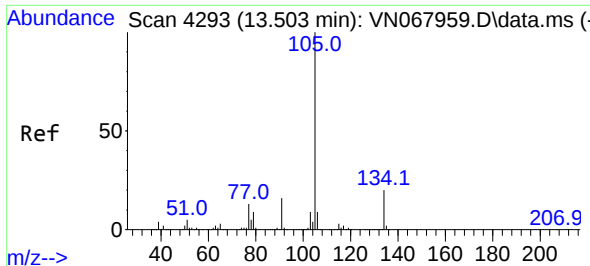
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#84
1,2,4-Trimethylbenzene
Concen: 114.171 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

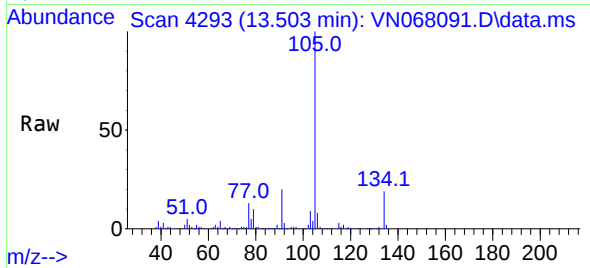
Tgt Ion:105 Resp: 2168479
Ion Ratio Lower Upper
105 100
120 45.3 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 7.230 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN068091.D
 Acq: 12 Aug 2021 15:51

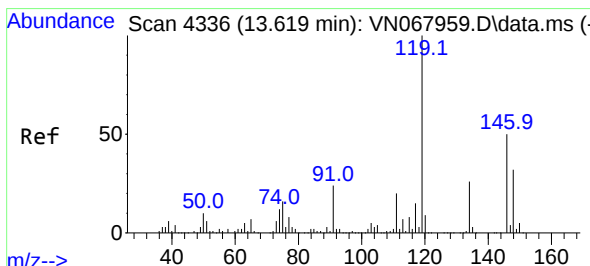
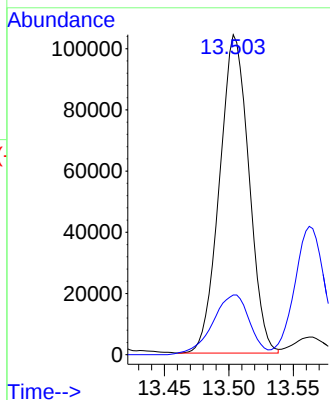
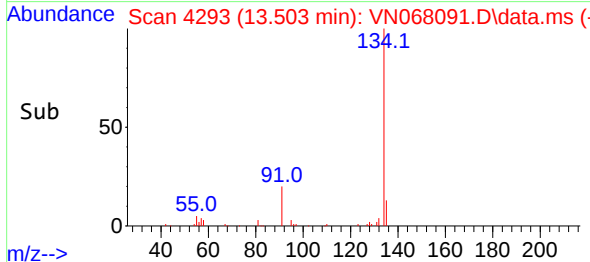
Instrument :
 MSVOA_N
 ClientSampled :
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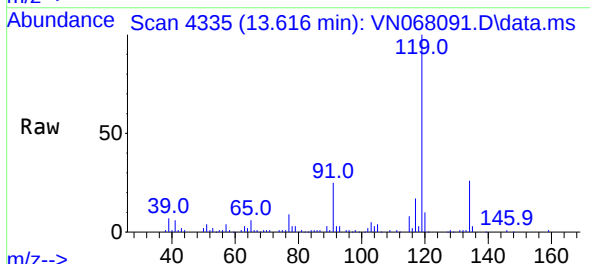
Tgt Ion:105 Resp: 164850
 Ion Ratio Lower Upper
 105 100
 134 23.4 9.0 27.1

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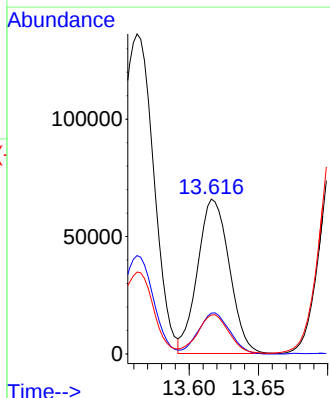
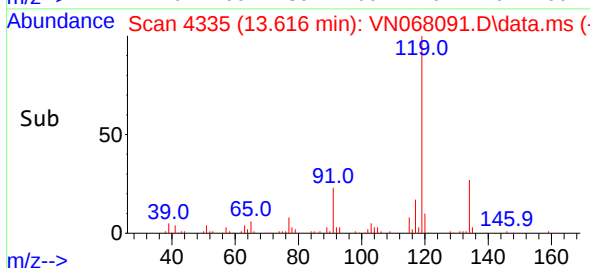
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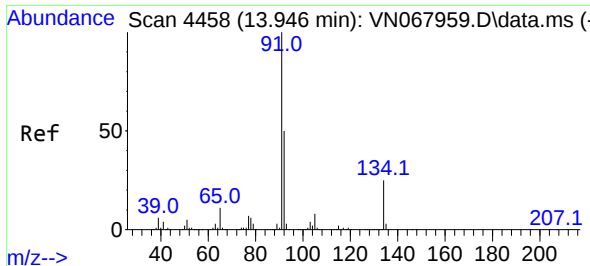


#86
 p-Isopropyltoluene
 Concen: 5.784 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN068091.D
 Acq: 12 Aug 2021 15:51



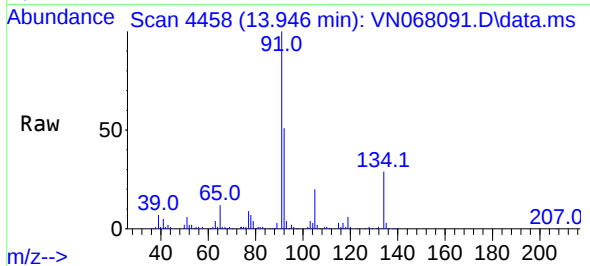
Tgt Ion:119 Resp: 104926
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.4
 91 24.3 14.8 44.3





#89
n-Butylbenzene
Concen: 8.222 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51

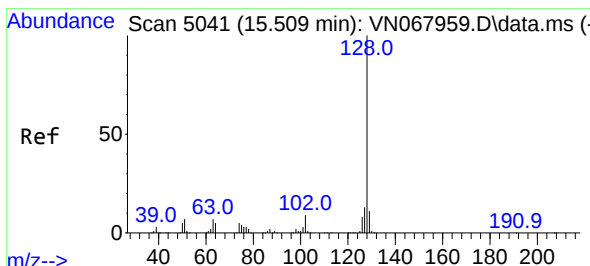
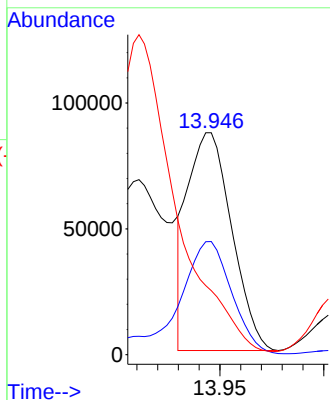
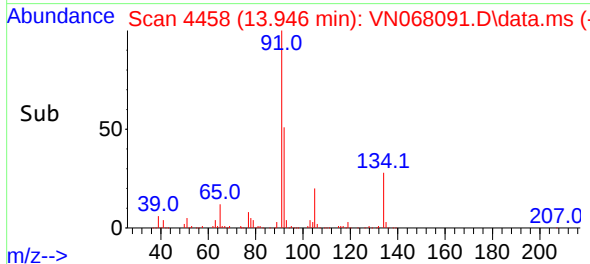
Instrument :
MSVOA_N
ClientSampled :
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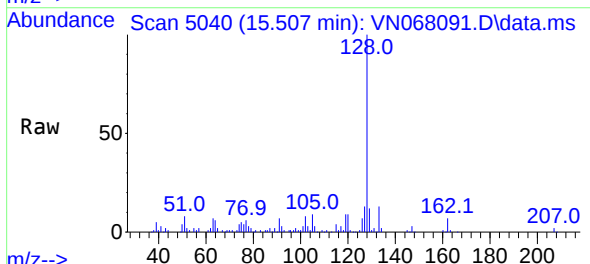
Tgt Ion: 91 Resp: 127883
Ion Ratio Lower Upper
91 100
92 57.6 25.7 77.1
134 0.0 11.2 33.6#

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#95
Naphthalene
Concen: 10.364 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068091.D
Acq: 12 Aug 2021 15:51



Tgt Ion: 128 Resp: 95481
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 6.8 8.6 12.8#

