

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068153.D
 Acq On : 17 Aug 2021 19:20
 Operator : JC/MD
 Sample : M3361-14 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41909

Manual Integrations
 APPROVED

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 8/19/2021 5:54:56 PM

Quant Time: Aug 18 07:21:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	412030	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	672828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	686124	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	304738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	228722	51.990	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.980%			
35) Dibromofluoromethane	8.024	113	205671	48.689	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.380%			
50) Toluene-d8	10.443	98	812051	50.452	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.734	95	292266	54.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.100%			
Target Compounds						
						Qvalue
16) Acetone	4.293	43	57791	44.992	ug/l	# 88
19) Methyl tert-butyl Ether	5.618	73	46230	4.293	ug/l	99
22) Diisopropyl ether	6.509	45	12933m	1.387	ug/l	
25) 2-Butanone	7.343	43	313013	156.369	ug/l	# 88
37) Ethyl Acetate	7.418	43	246346	52.575	ug/l	94
40) Benzene	8.461	78	349158	20.799	ug/l	100
52) Toluene	10.508	92	1187071	103.726	ug/l	99
67) Ethyl Benzene	11.846	91	189851	8.193	ug/l	91
68) m/p-Xylenes	11.953	106	291718	31.470	ug/l	80
69) o-Xylene	12.283	106	174896	19.527	ug/l	81
73) Isopropylbenzene	12.581	105	8447	0.390	ug/l	91
78) n-propylbenzene	12.921	91	29640	1.275	ug/l	95
80) 1,3,5-Trimethylbenzene	13.063	105	53173	3.033	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	312784	18.274	ug/l	95
95) Naphthalene	15.507	128	153744	15.337	ug/l	99

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

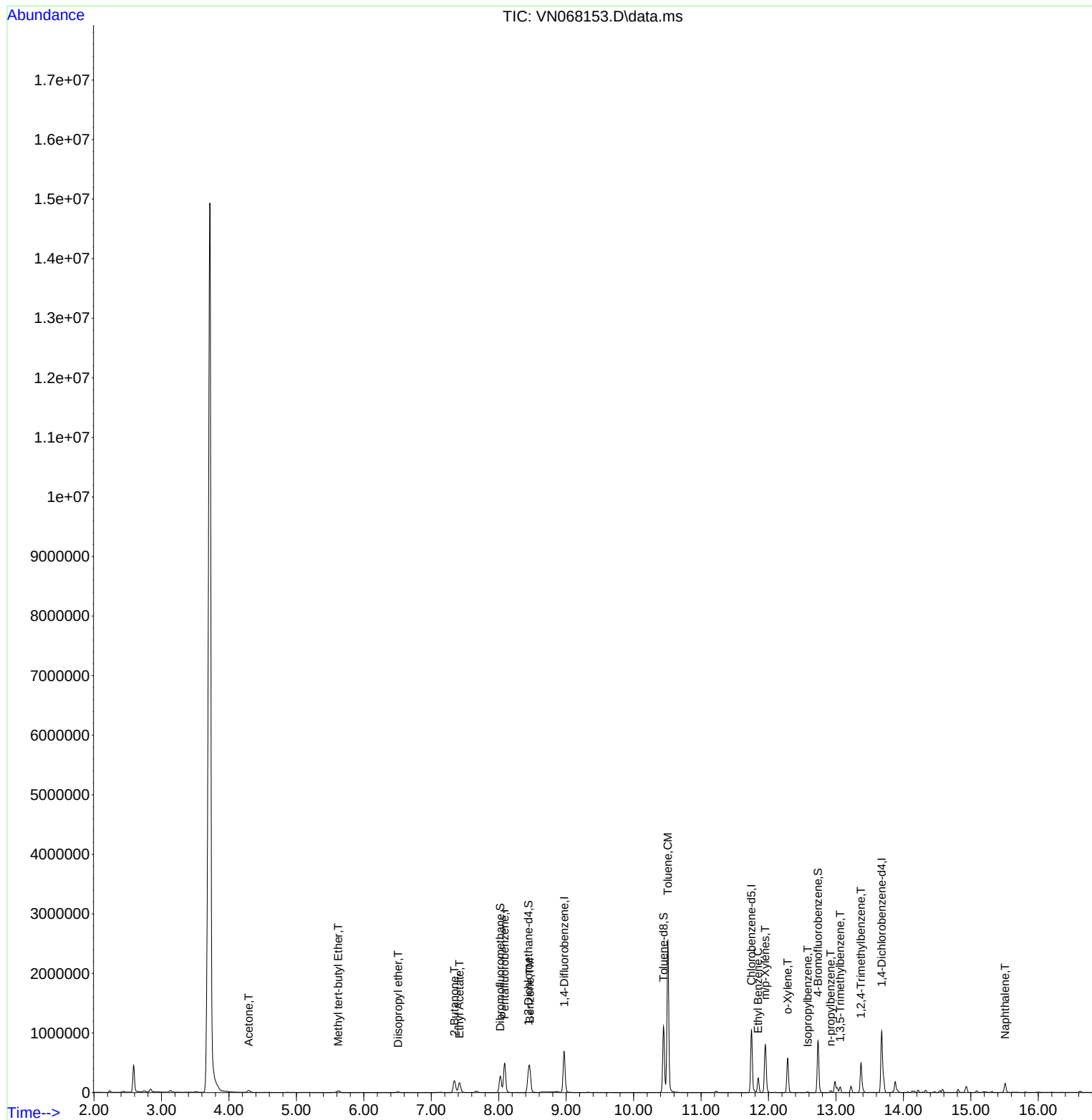
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Data File : VN068153.D
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Operator : JC/MD
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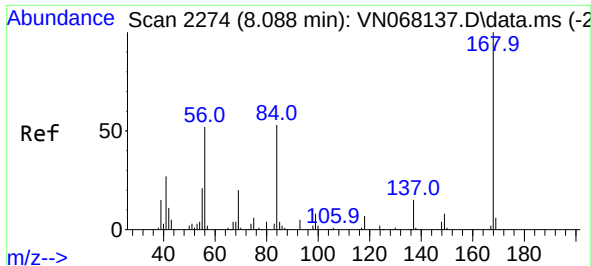
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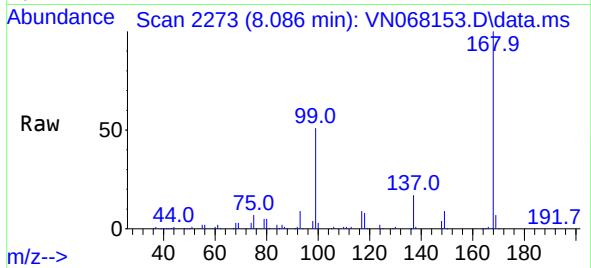
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Quant Time: Aug 18 07:21:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

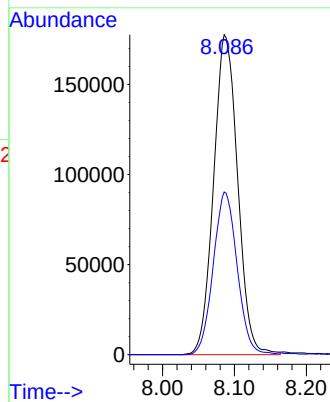
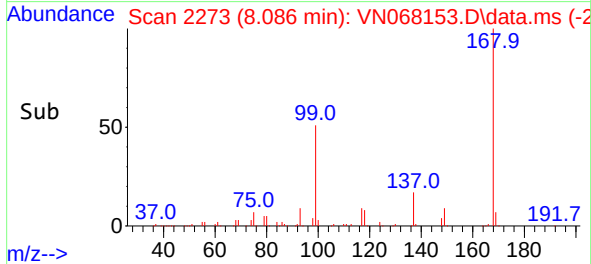




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



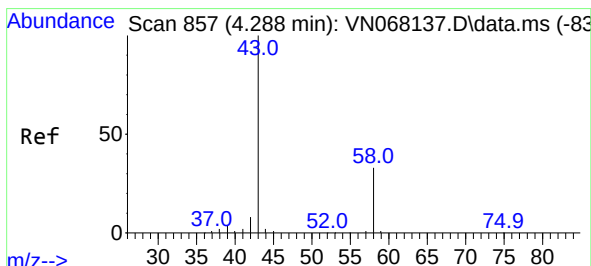
Tgt Ion:168 Resp: 412030
Ion Ratio Lower Upper
168 100
99 50.9 62.9 94.3#



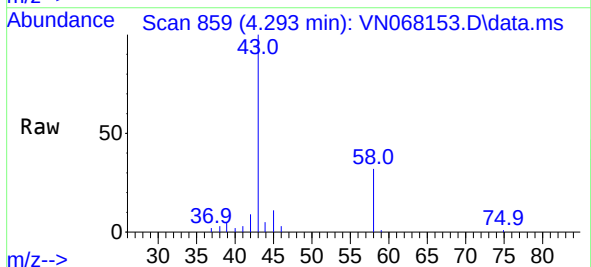
Instrument :
MSVOA_N
ClientSampleId :
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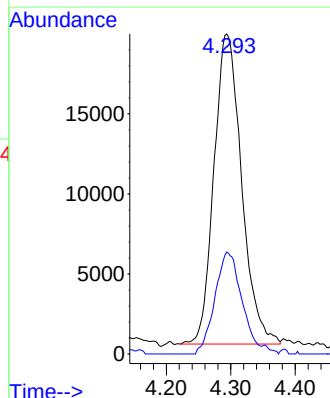
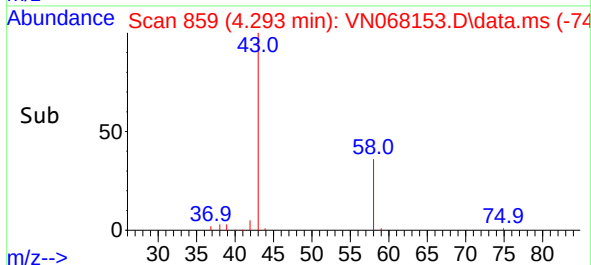
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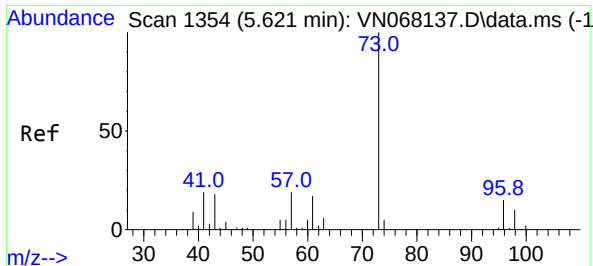


#16
Acetone
Concen: 44.992 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



Tgt Ion: 43 Resp: 57791
Ion Ratio Lower Upper
43 100
58 32.9 21.2 31.8#





#19

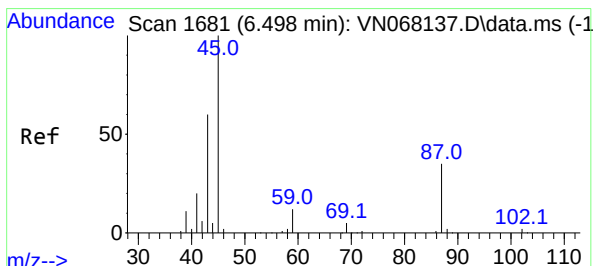
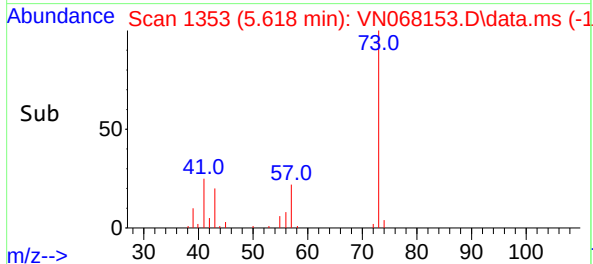
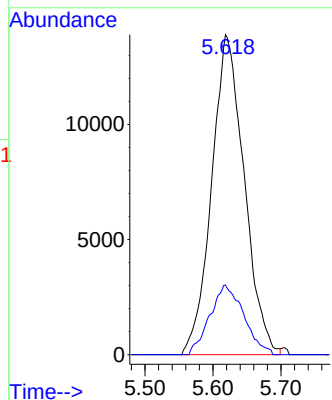
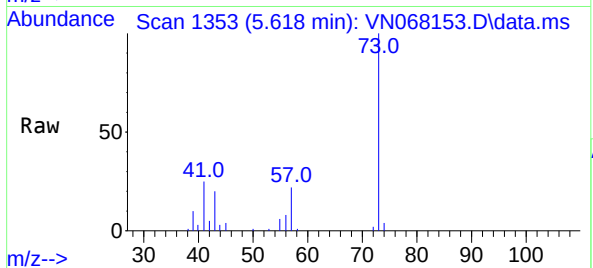
Methyl tert-butyl Ether
Concen: 4.293 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 73 Resp: 46230
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

Instrument :
MSVOA_N
ClientSampled :
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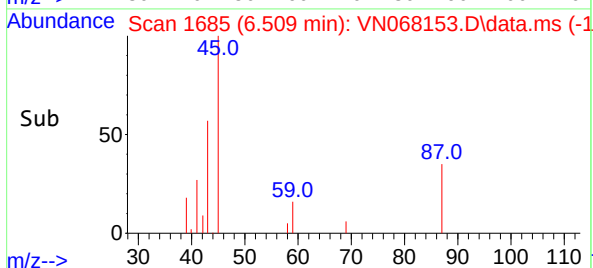
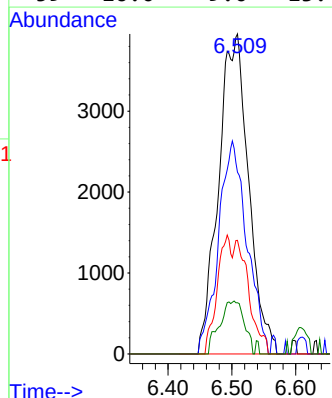
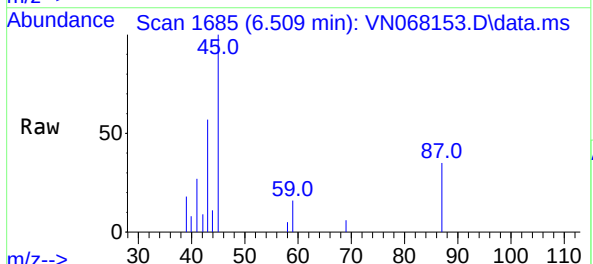
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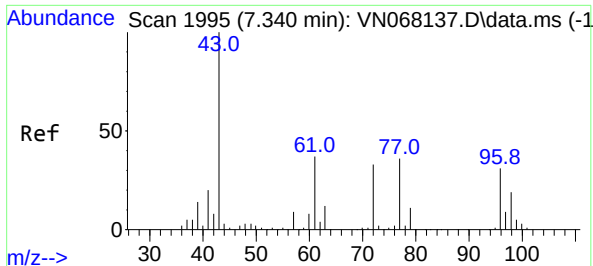


#22

Diisopropyl ether
Concen: 1.387 ug/l m
RT: 6.509 min Scan# 1685
Delta R.T. 0.011 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 45 Resp: 12933
Ion Ratio Lower Upper
45 100
43 56.8 49.4 74.2
87 35.5 20.9 31.3#
59 16.0 9.0 13.4#





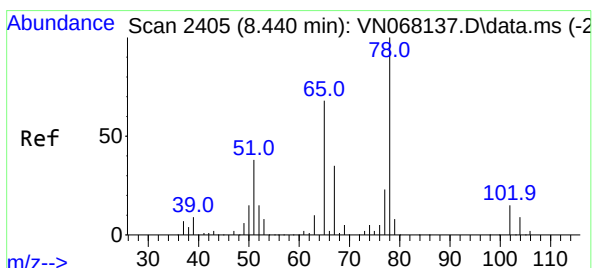
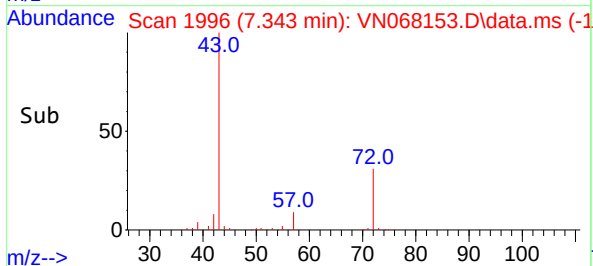
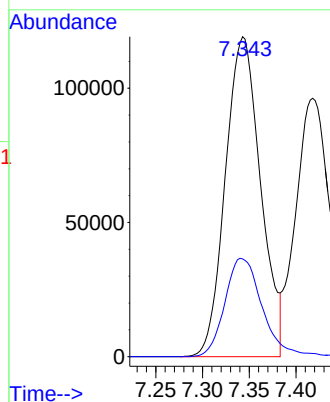
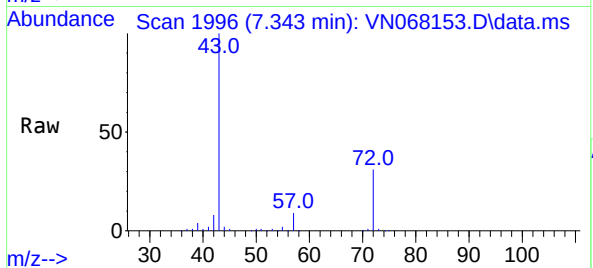
#25
2-Butanone
Concen: 156.369 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 43 Resp: 313013
Ion Ratio Lower Upper
43 100
72 30.5 19.7 29.5#

Instrument :
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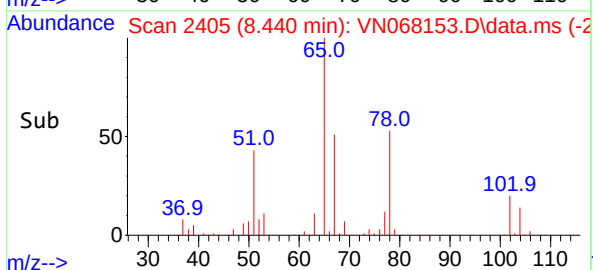
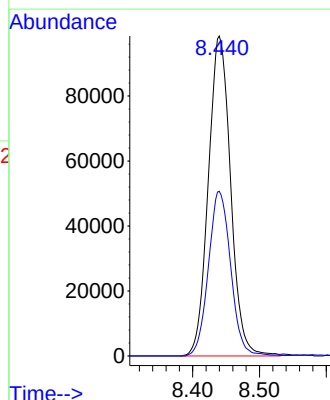
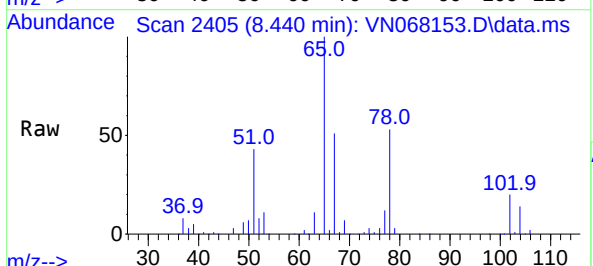
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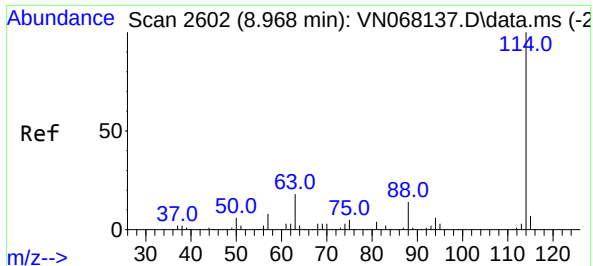
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#33
1,2-Dichloroethane-d4
Concen: 51.990 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 65 Resp: 228722
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6





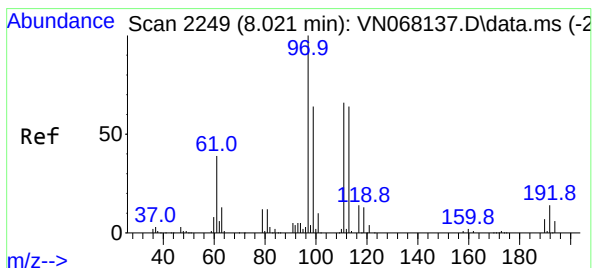
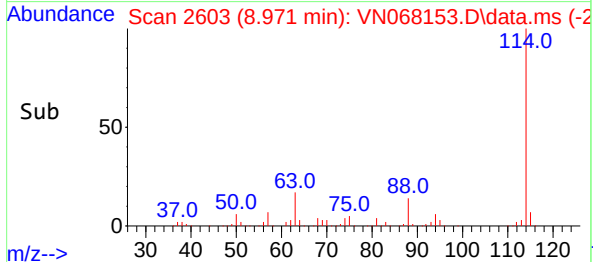
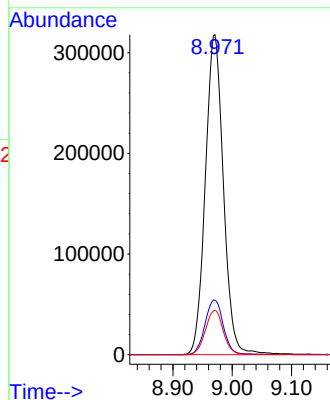
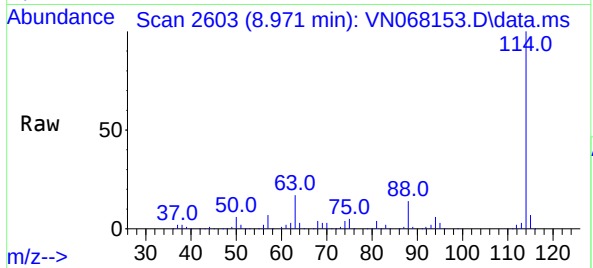
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion:	114	Resp:	672828
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	49.0
88	13.9	0.0	36.6

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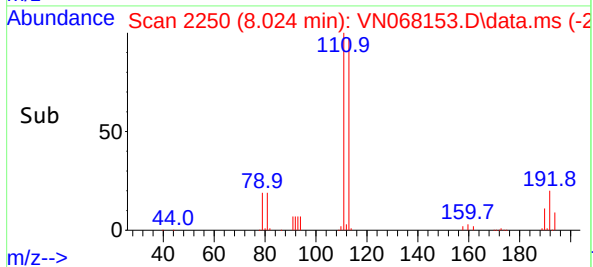
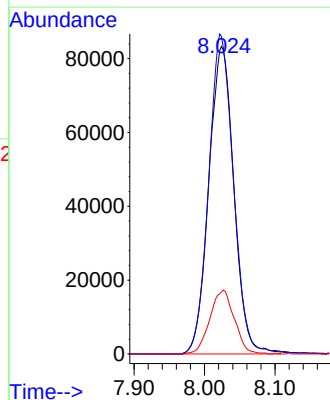
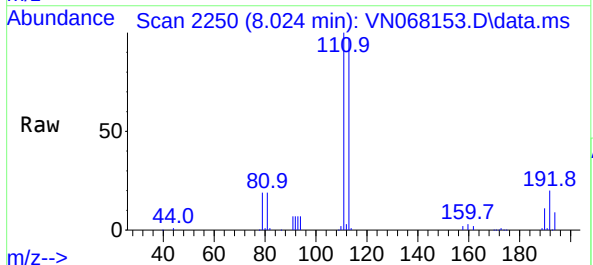
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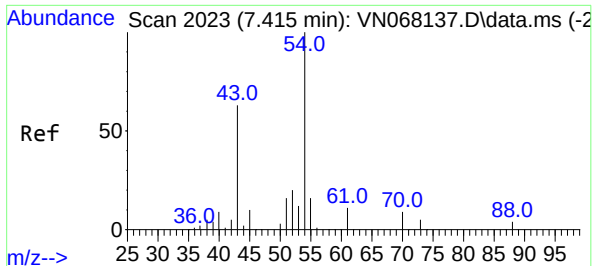
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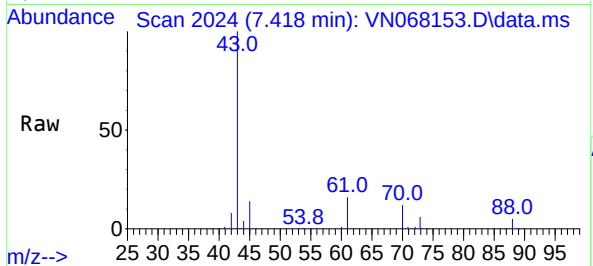
#35
Dibromofluoromethane
Concen: 48.689 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion:	113	Resp:	205671
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.8	125.8
192	20.3	13.4	20.0#

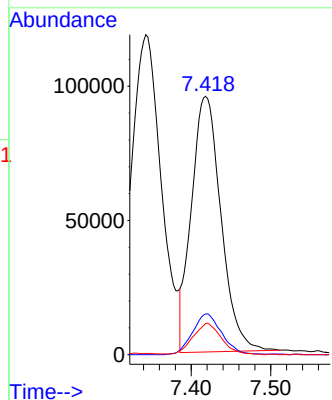




#37
Ethyl Acetate
Concen: 52.575 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



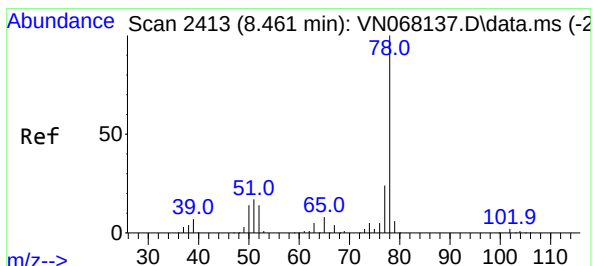
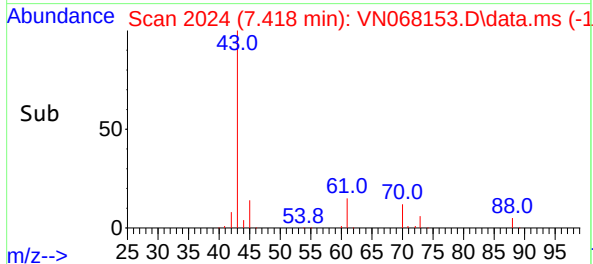
Tgt Ion: 43 Resp: 246346
Ion Ratio Lower Upper
43 100
61 15.8 10.6 16.0
70 11.8 8.1 12.1



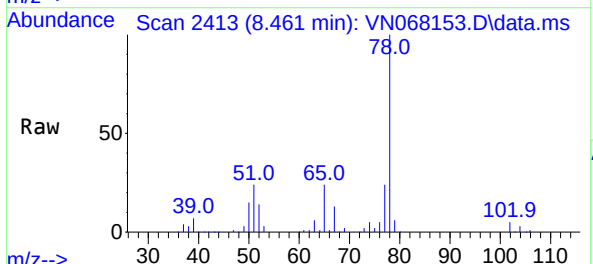
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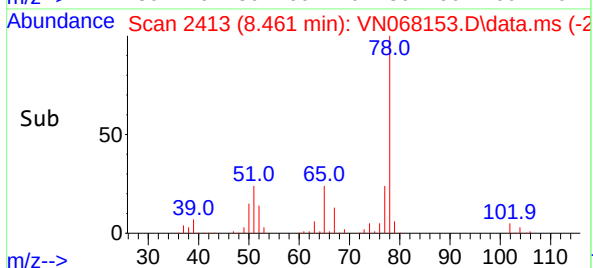
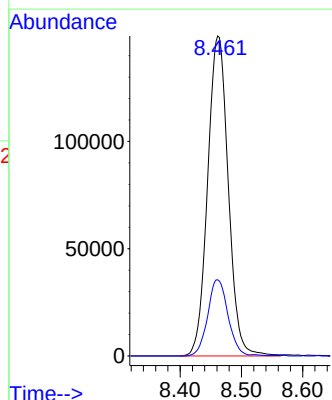
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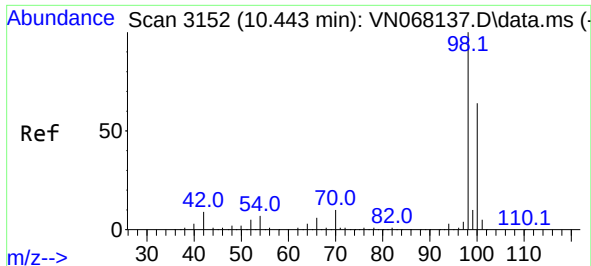


#40
Benzene
Concen: 20.799 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



Tgt Ion: 78 Resp: 349158
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





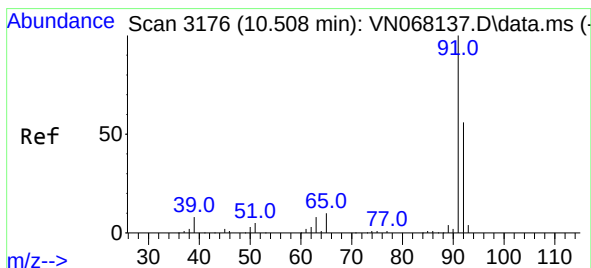
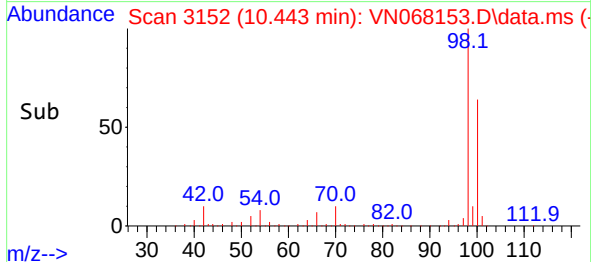
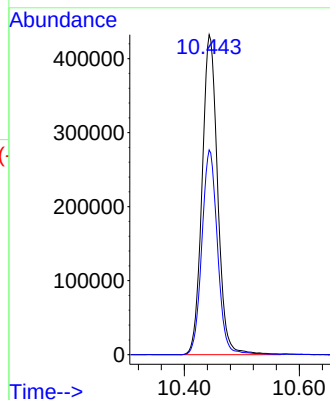
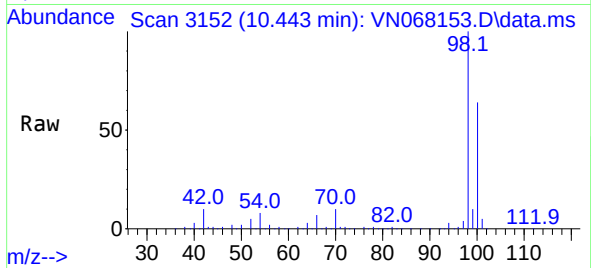
#50
Toluene-d8
Concen: 50.452 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 98 Resp: 812051
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

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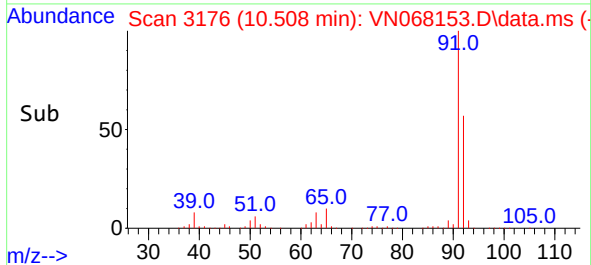
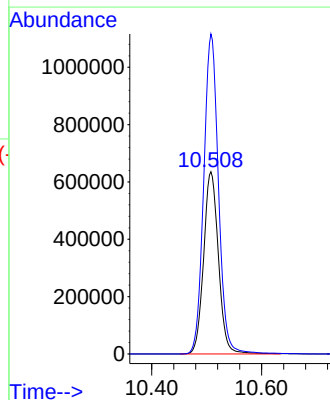
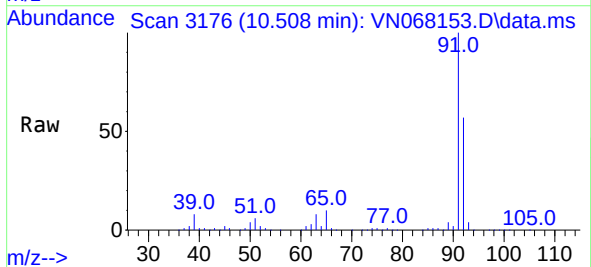
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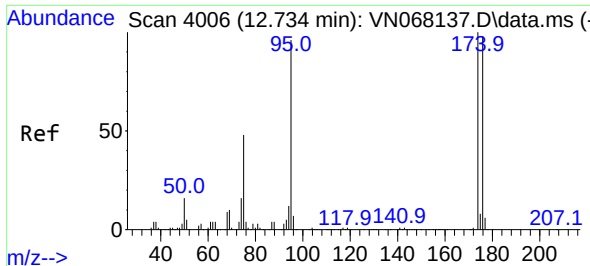
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#52
Toluene
Concen: 103.726 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

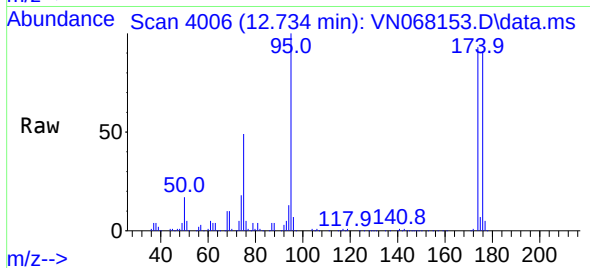
Tgt Ion: 92 Resp: 1187071
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 54.546 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

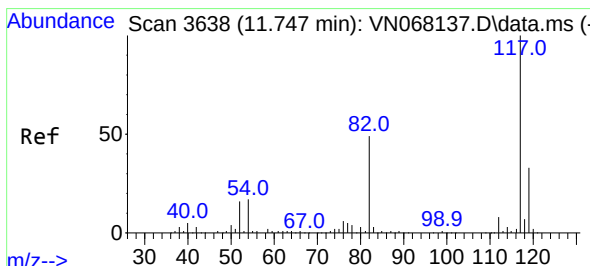
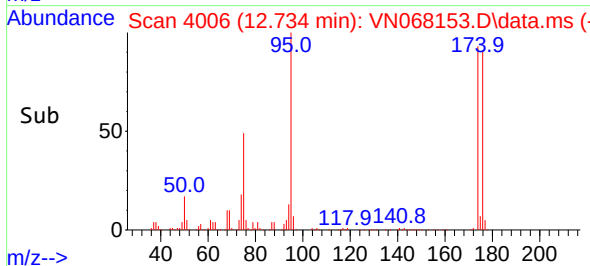
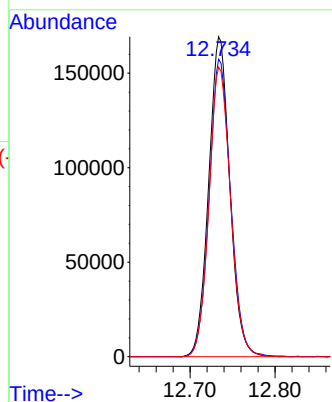
Instrument :
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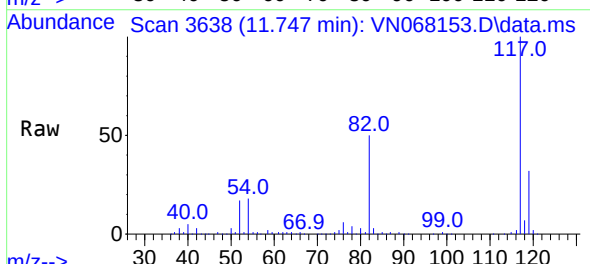
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Ion Ratio Lower Upper
95 100
174 94.6 0.0 122.0
176 92.2 0.0 117.6

Manual Integrations
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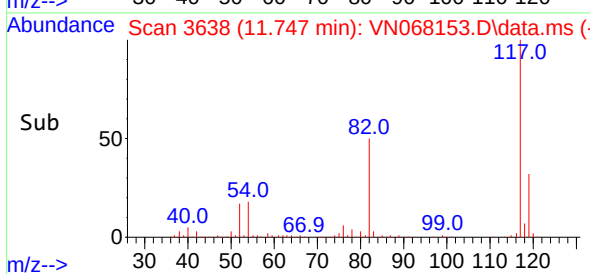
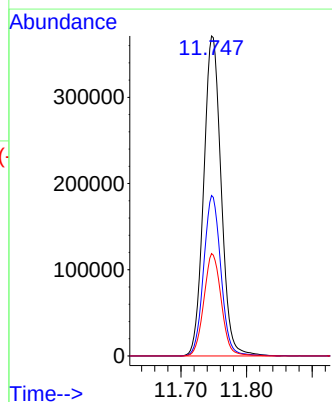
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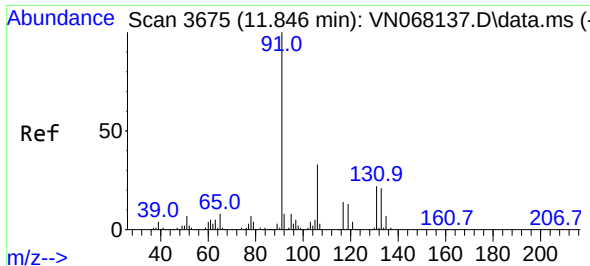


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



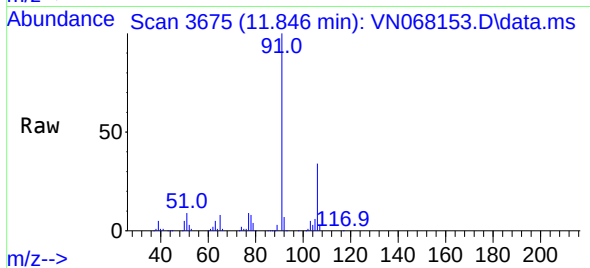
Tgt Ion: 117 Resp: 686124
Ion Ratio Lower Upper
117 100
82 50.2 53.1 79.7#
119 32.0 25.5 38.3





#67
Ethyl Benzene
Concen: 8.193 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

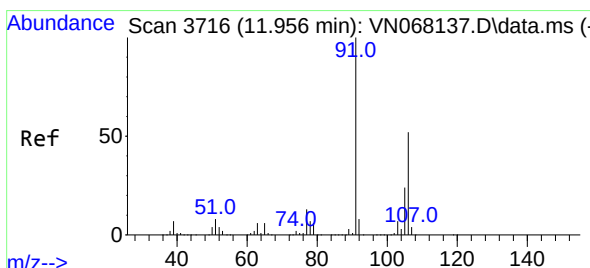
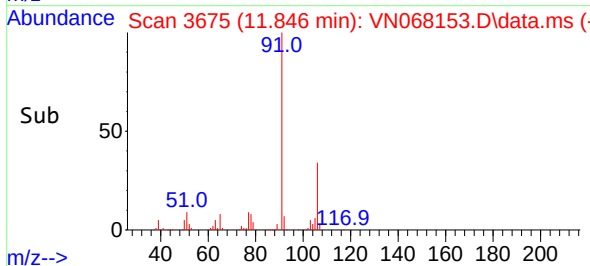
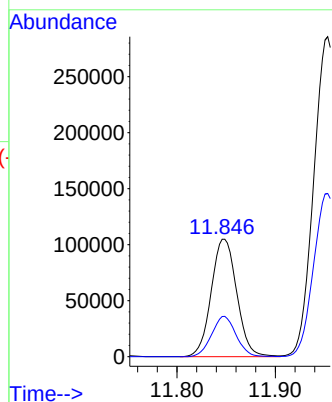
Instrument :
MSVOA_N
ClientSampled :
41909



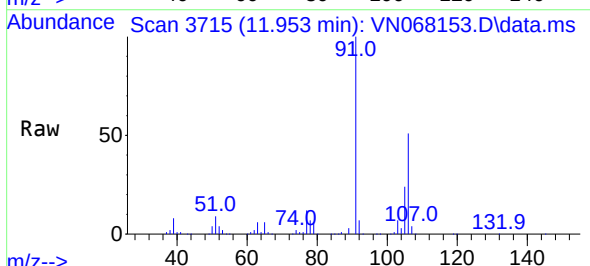
Tgt Ion: 91 Resp: 189851
Ion Ratio Lower Upper
91 100
106 34.2 23.4 35.0

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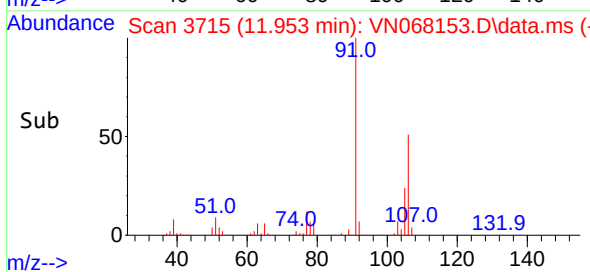
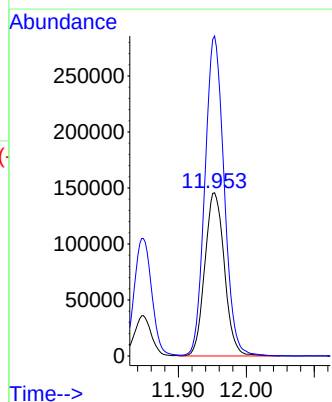
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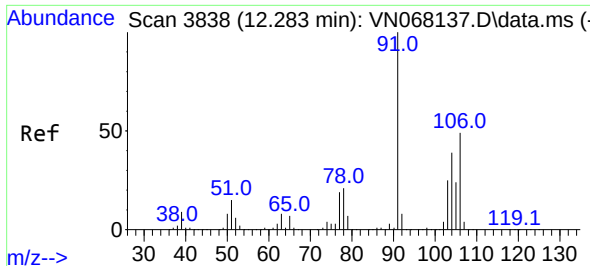


#68
m/p-Xylenes
Concen: 31.470 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



Tgt Ion: 106 Resp: 291718
Ion Ratio Lower Upper
106 100
91 192.2 180.6 270.8





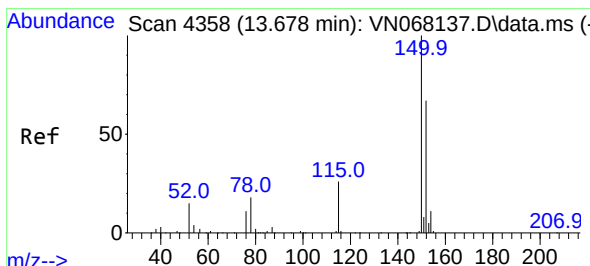
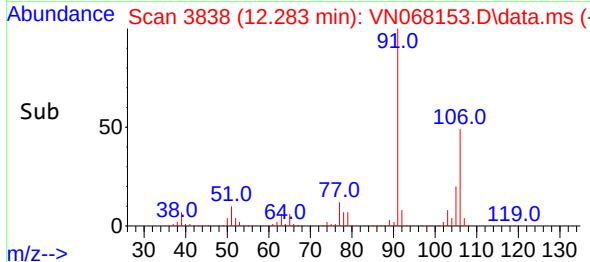
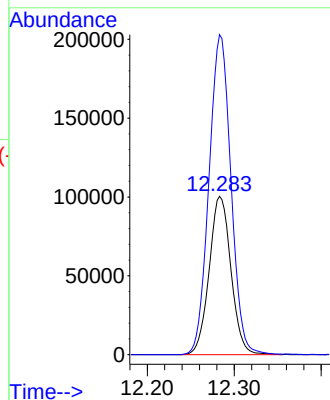
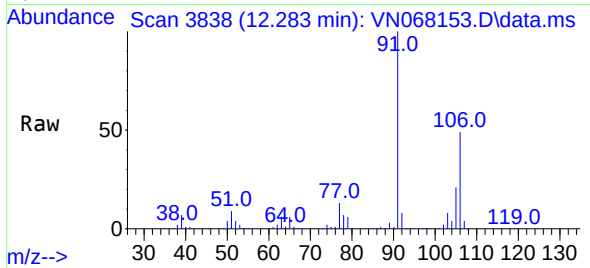
#69
o-Xylene
Concen: 19.527 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion:106 Resp: 174896
Ion Ratio Lower Upper
106 100
91 204.0 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
41909

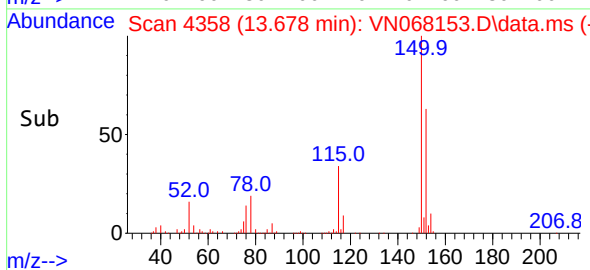
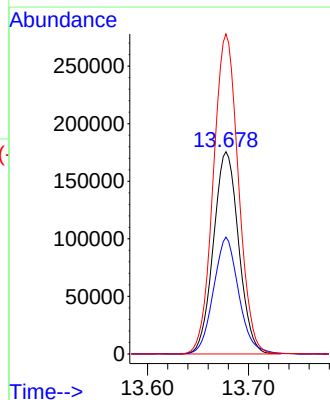
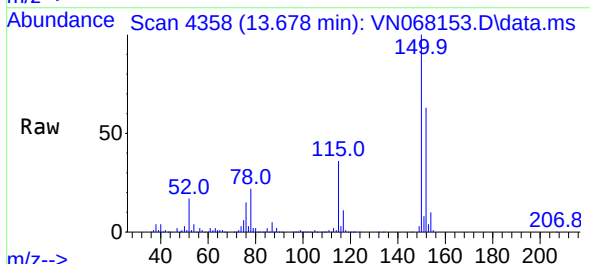
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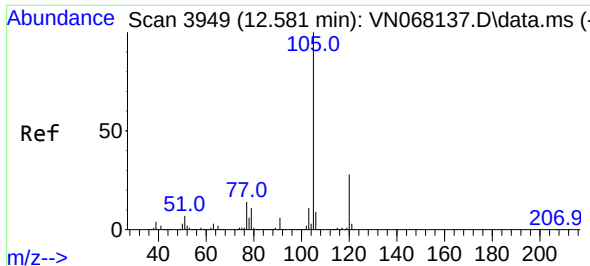
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion:152 Resp: 304738
Ion Ratio Lower Upper
152 100
115 58.1 36.1 108.5
150 157.4 0.0 351.8





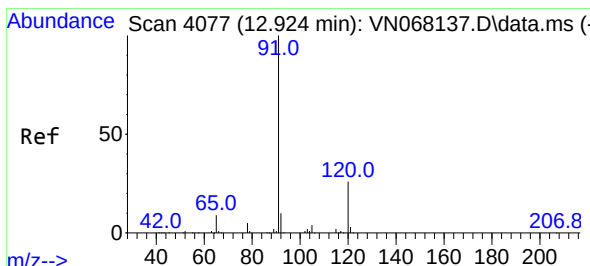
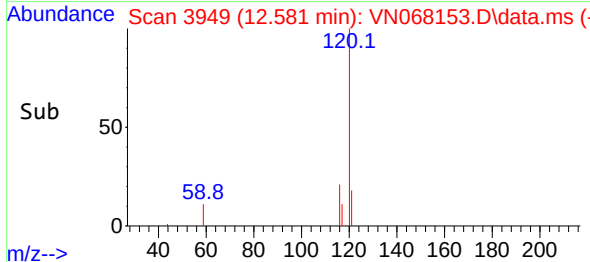
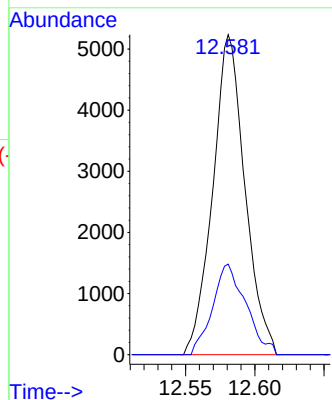
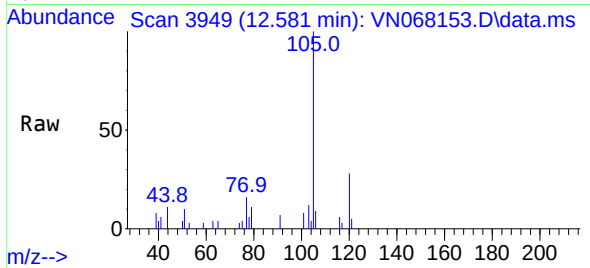
#73
Isopropylbenzene
Concen: 0.390 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 105 Resp: 8447
Ion Ratio Lower Upper
105 100
120 29.3 12.5 37.5

Instrument :
MSVOA_N
ClientSampled :
41909

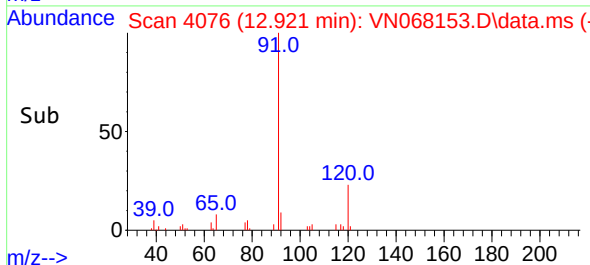
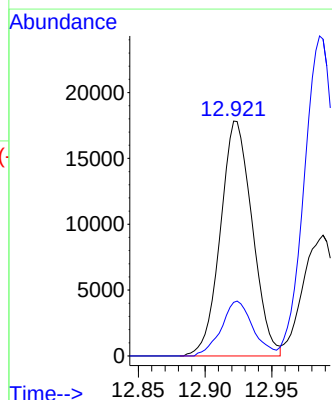
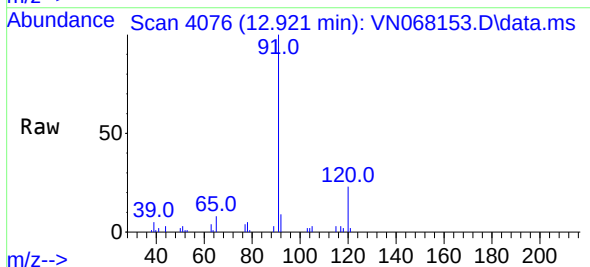
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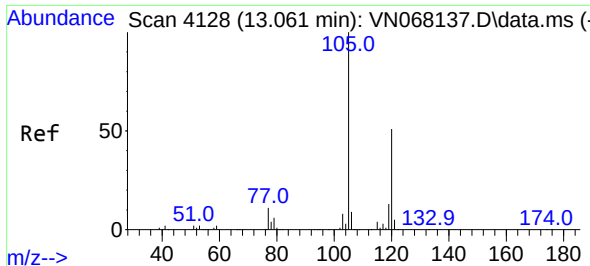
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#78
n-propylbenzene
Concen: 1.275 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion: 91 Resp: 29640
Ion Ratio Lower Upper
91 100
120 23.3 10.4 31.4





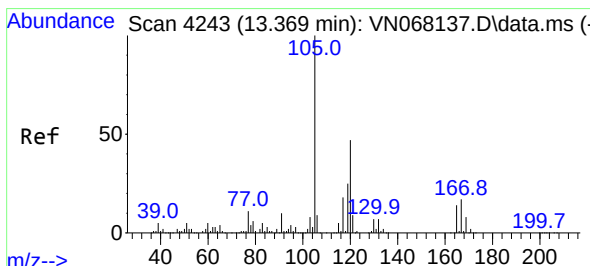
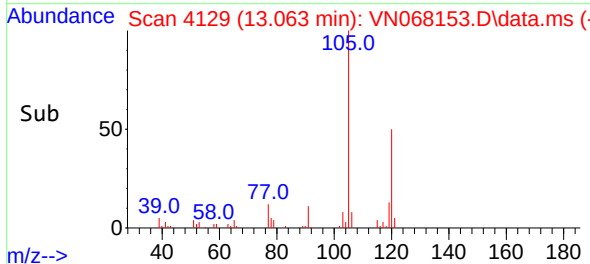
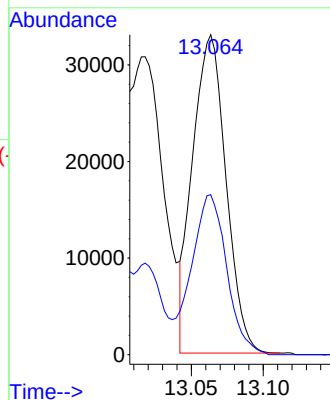
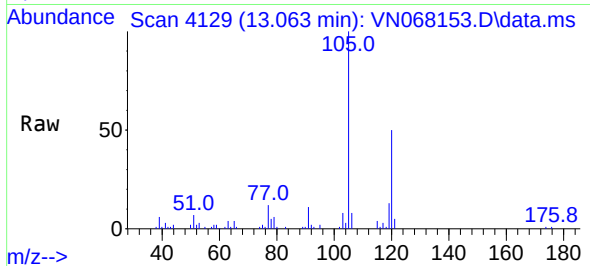
#80
1,3,5-Trimethylbenzene
Concen: 3.033 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion:105 Resp: 53173
Ion Ratio Lower Upper
105 100
120 53.3 22.2 66.6

Instrument :
MSVOA_N
ClientSampled :
41909

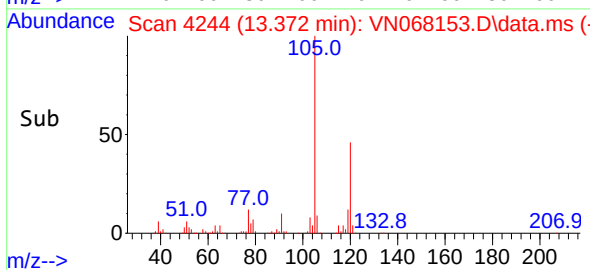
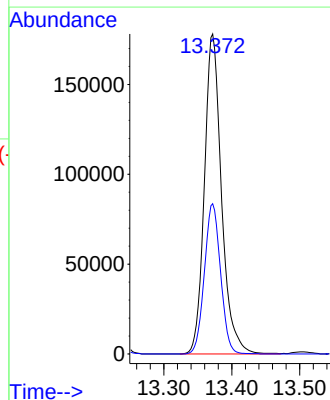
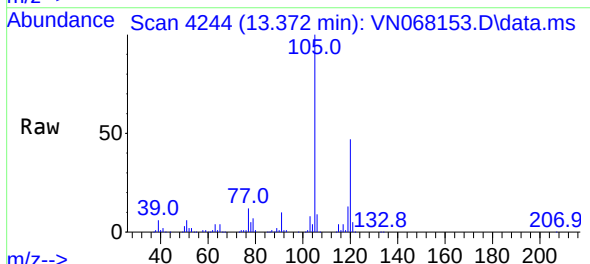
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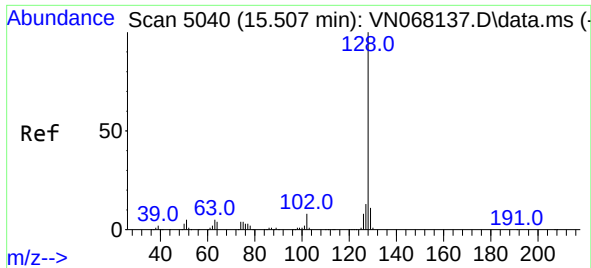
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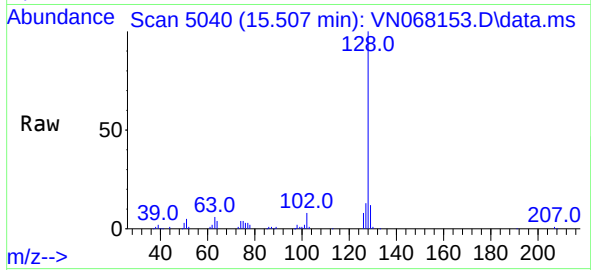
#84
1,2,4-Trimethylbenzene
Concen: 18.274 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20

Tgt Ion:105 Resp: 312784
Ion Ratio Lower Upper
105 100
120 44.1 20.6 61.8

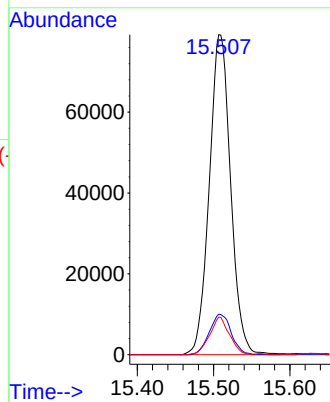
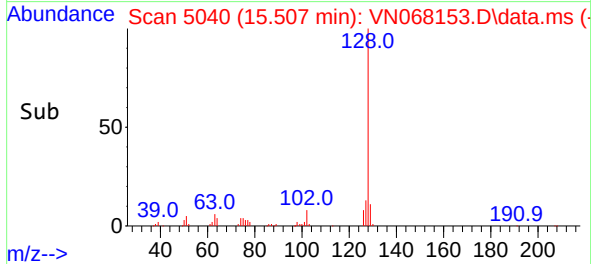




#95
Naphthalene
Concen: 15.337 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068153.D
Acq: 17 Aug 2021 19:20



Tgt Ion:128 Resp: 153744
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 12.8



Instrument :
MSVOA_N
ClientSampleId :
41909

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