

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068101.D
 Acq On : 12 Aug 2021 19:57
 Operator : JC/MD
 Sample : M3361-14 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41909

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 10:56:50 AM

Quant Time: Aug 13 05:47:00 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	8.091	168	292948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	570292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	553486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	191833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233319	56.260	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 112.520%	
35) Dibromofluoromethane	8.027	113	176139	52.997	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.000%	
50) Toluene-d8	10.446	98	724095	47.423	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.736	95	238021	43.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.300%	
Target Compounds						Qvalue
16) Acetone	4.299	43	11038	7.294	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	6614	0.634	ug/l	98
20) Methylene Chloride	5.098	84	5099	1.182	ug/l	89
25) 2-Butanone	7.348	43	46223	21.055	ug/l	95
37) Ethyl Acetate	7.418	43	41588m	8.377	ug/l	
40) Benzene	8.461	78	48367	3.097	ug/l	98
52) Toluene	10.507	92	145148	14.304	ug/l	96
67) Ethyl Benzene	11.848	91	23717	1.183	ug/l #	89
68) m/p-Xylenes	11.953	106	31157	7.475	ug/l	88
69) o-Xylene	12.283	106	18312	2.485	ug/l	91
78) n-propylbenzene	12.918	91	3540	0.200	ug/l	97
80) 1,3,5-Trimethylbenzene	13.058	105	6166	0.486	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	28806	2.344	ug/l	97
95) Naphthalene	15.512	128	15996	4.995	ug/l	96

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

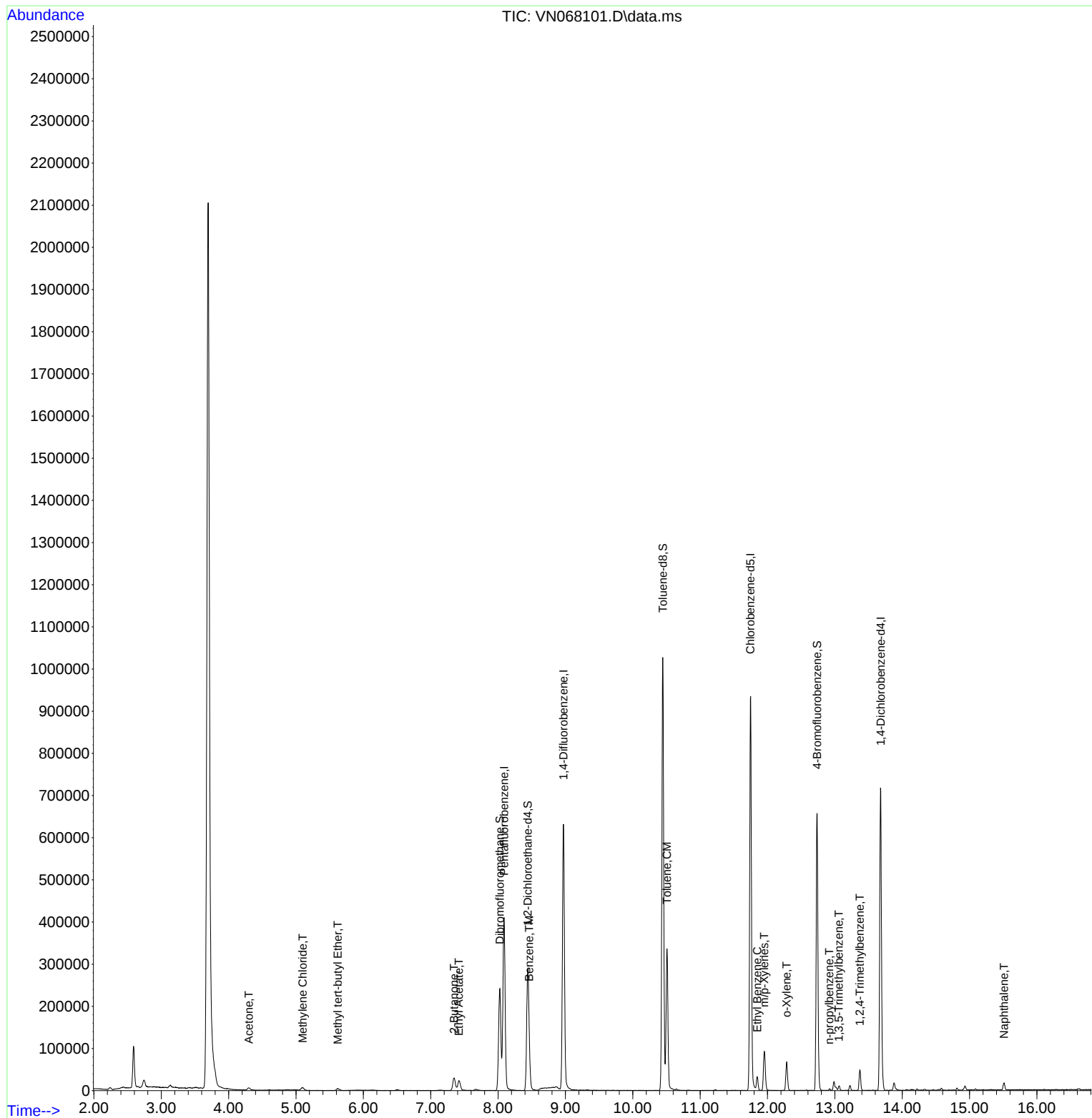
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Data File : VN068101.D
Acq On : 12 Aug 2021 19:57
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

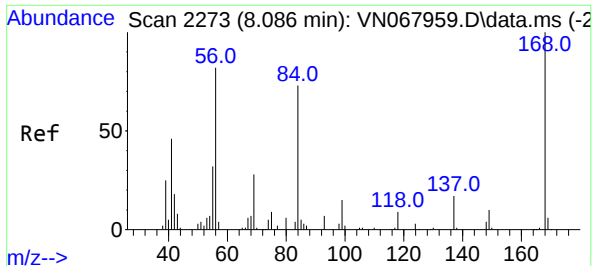
Instrument :
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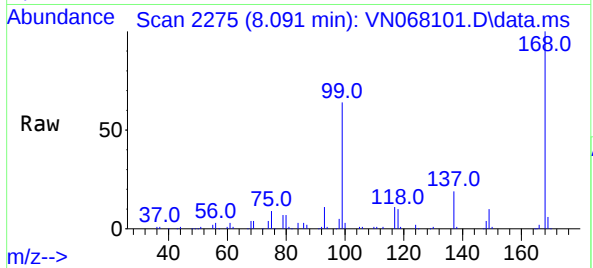
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Quant Time: Aug 13 05:47:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

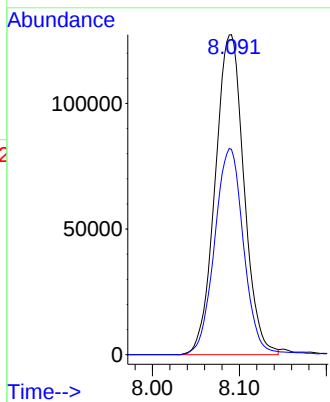
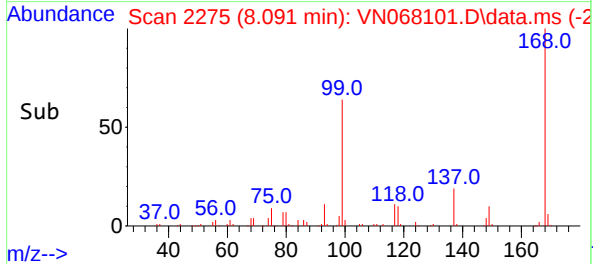




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57



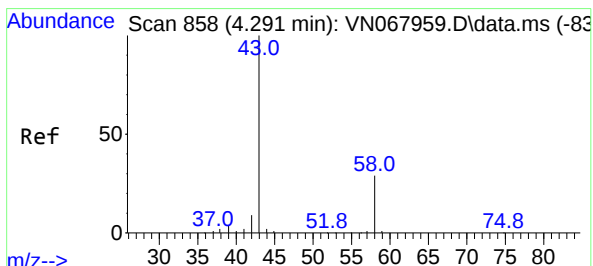
Tgt Ion: 168 Resp: 292948
Ion Ratio Lower Upper
168 100
99 64.2 62.9 94.3



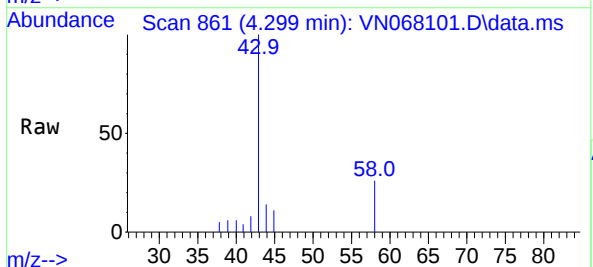
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ClientSampleId :
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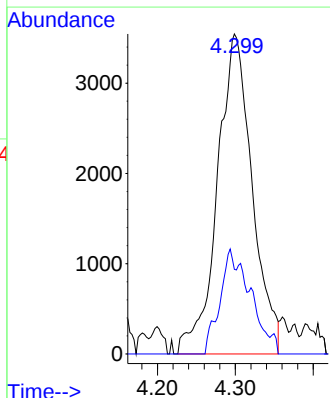
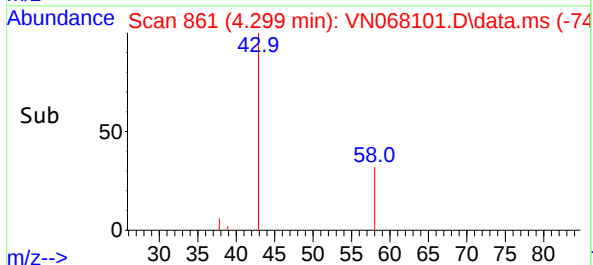
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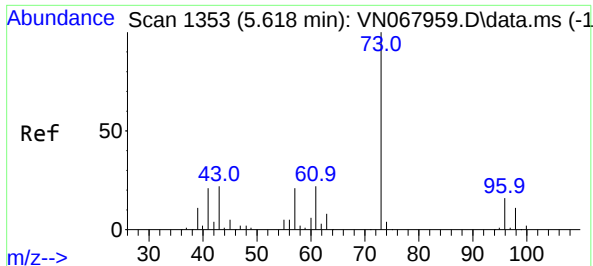


#16
Acetone
Concen: 7.294 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57



Tgt Ion: 43 Resp: 11038
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8





#19

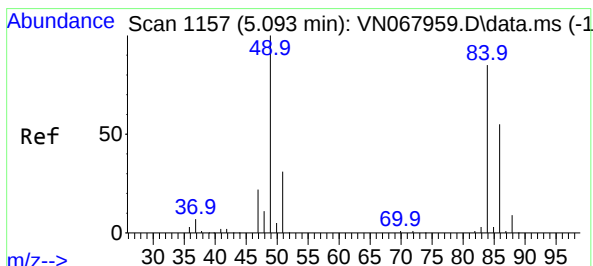
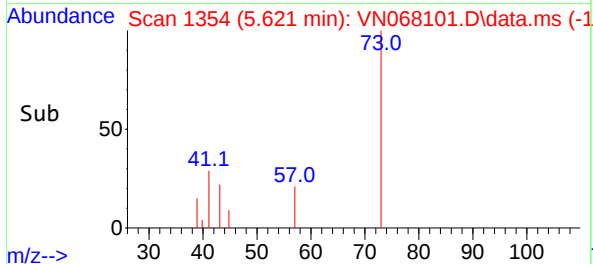
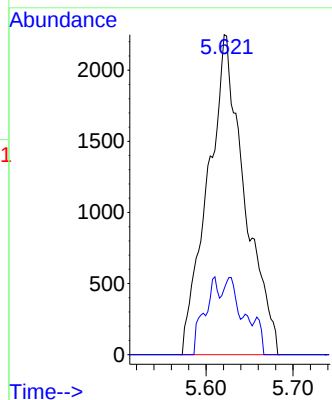
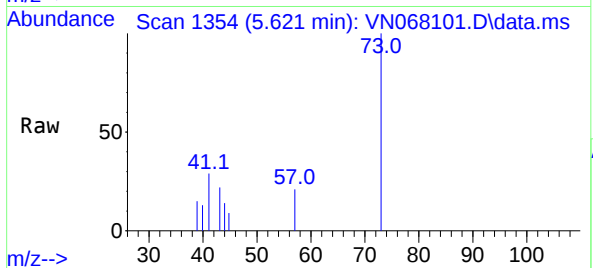
Methyl tert-butyl Ether
Concen: 0.634 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 73 Resp: 6614
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.6

Instrument :
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ClientSampled :
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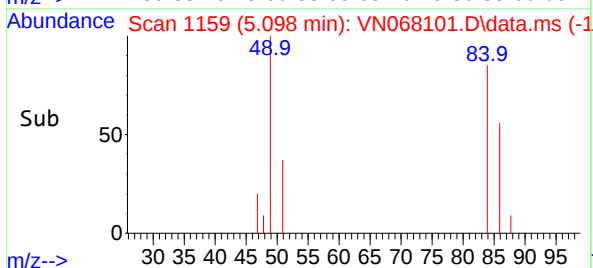
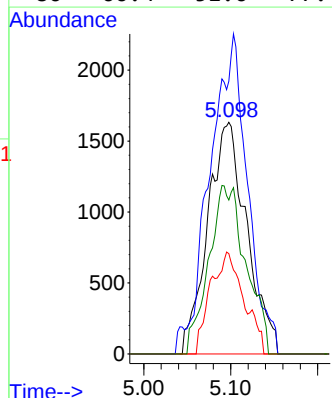
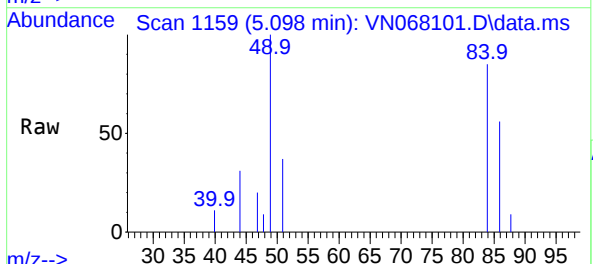
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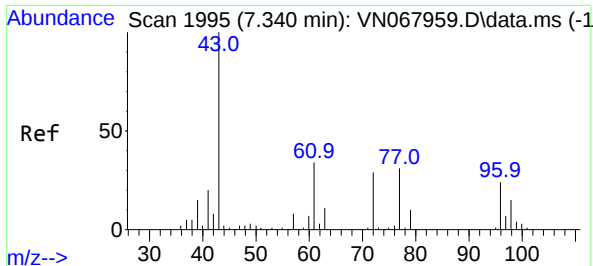


#20

Methylene Chloride
Concen: 1.182 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 84 Resp: 5099
Ion Ratio Lower Upper
84 100
49 117.8 110.9 166.3
51 43.3 32.6 49.0
86 66.4 51.6 77.4





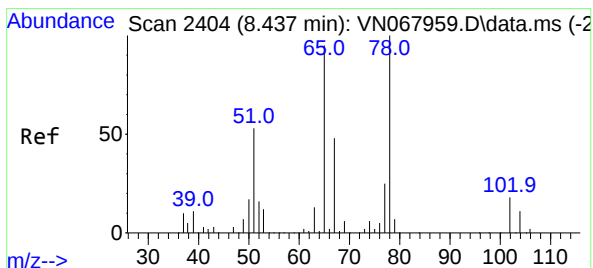
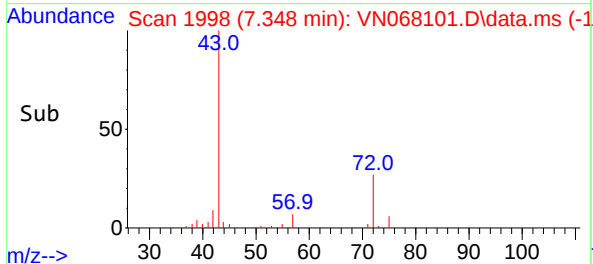
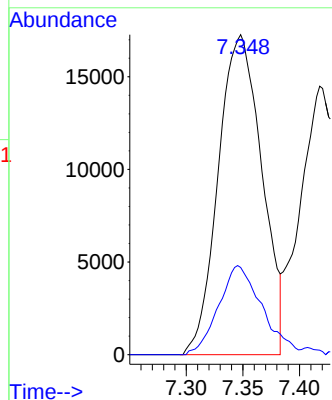
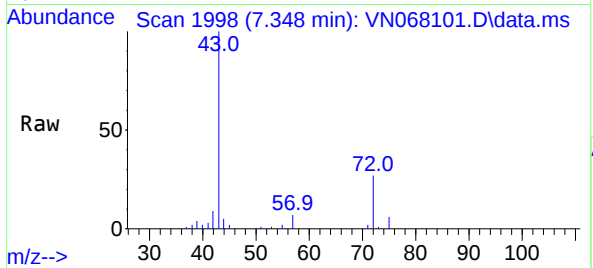
#25
2-Butanone
Concen: 21.055 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.008 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 43 Resp: 46223
Ion Ratio Lower Upper
43 100
72 27.2 19.7 29.5

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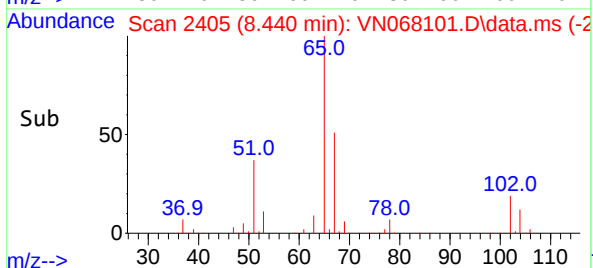
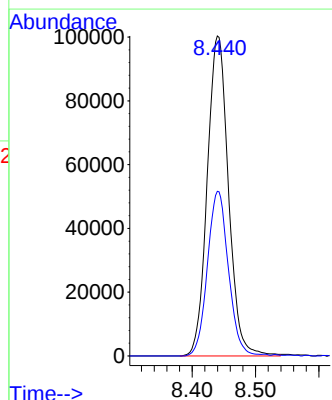
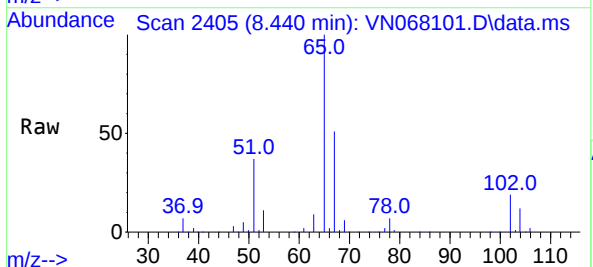
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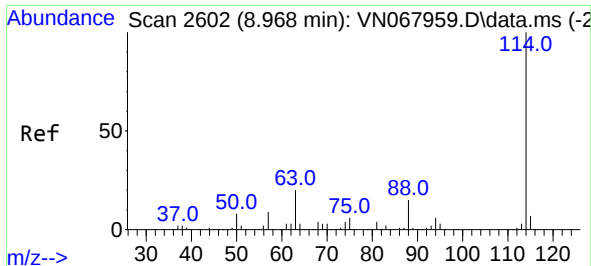
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#33
1,2-Dichloroethane-d4
Concen: 56.260 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 65 Resp: 233319
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6





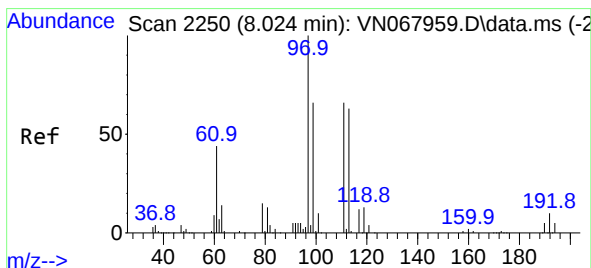
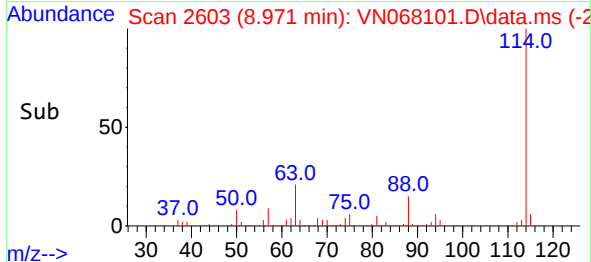
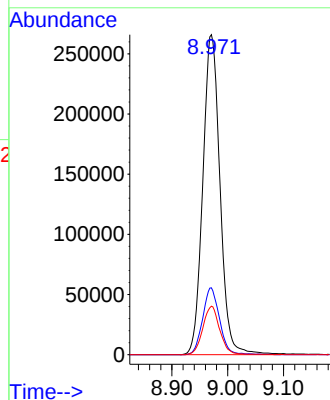
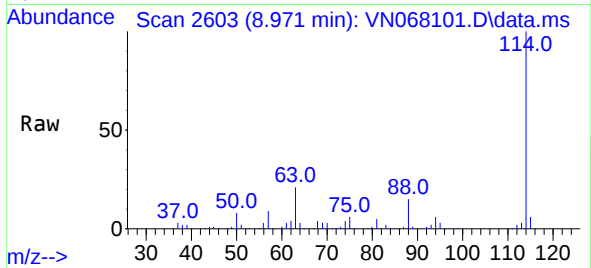
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion:114 Resp: 570292
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.1 0.0 36.6

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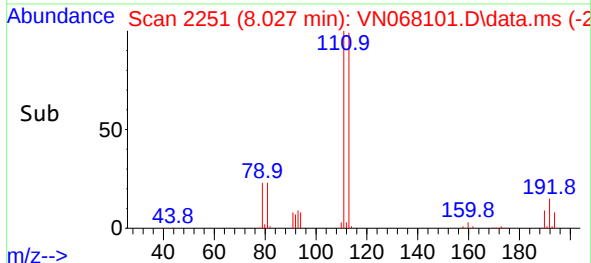
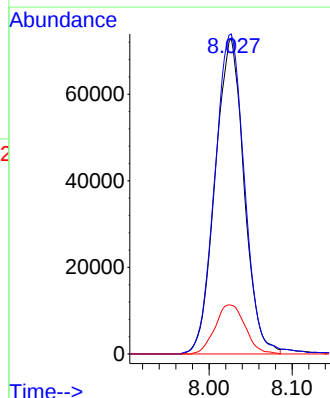
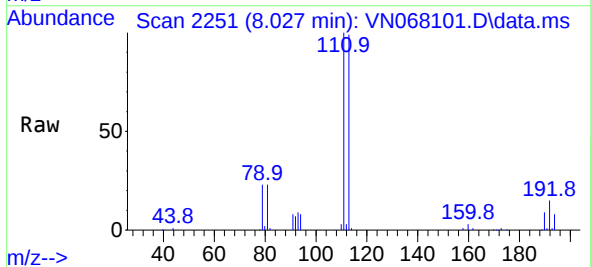
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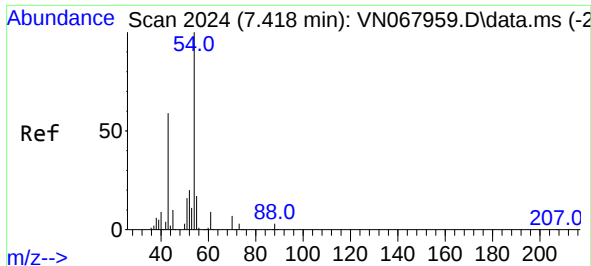
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#35
Dibromofluoromethane
Concen: 52.997 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

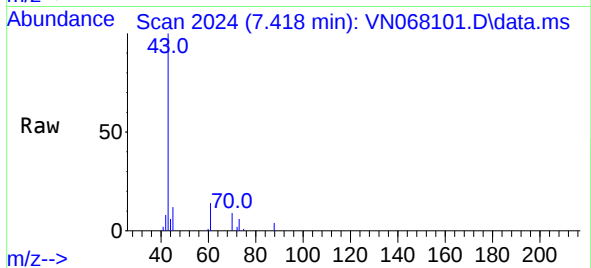
Tgt Ion:113 Resp: 176139
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 16.2 13.4 20.0





#37
Ethyl Acetate
Concen: 8.377 ug/l m
RT: 7.418 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

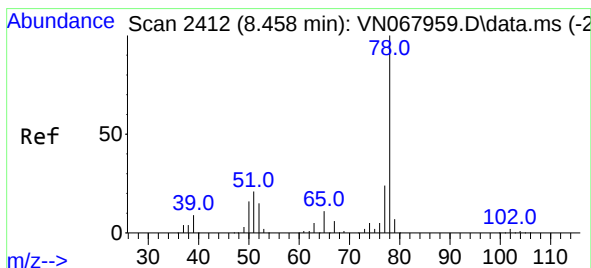
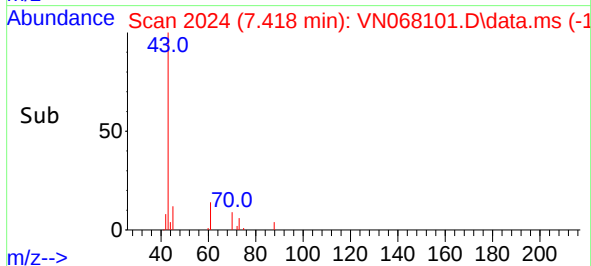
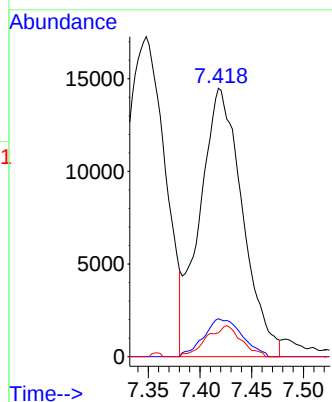
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Tgt Ion: 43 Resp: 41588
Ion Ratio Lower Upper
43 100
61 12.7 10.6 16.0
70 9.3 8.1 12.1

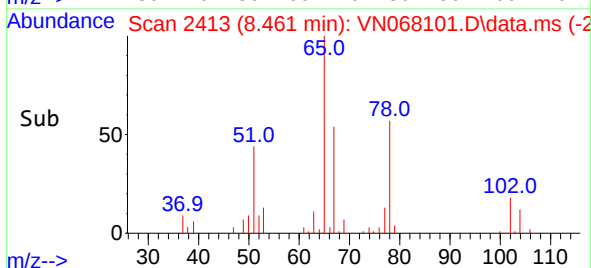
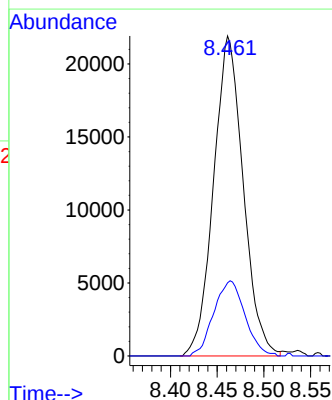
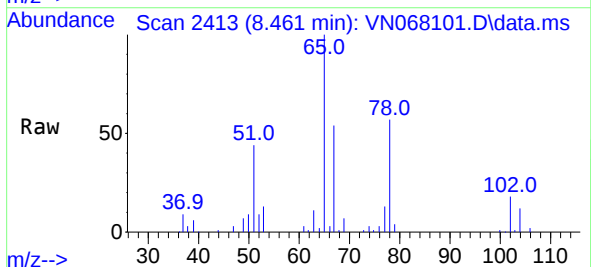
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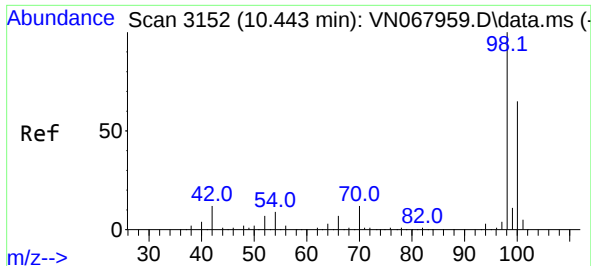
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#40
Benzene
Concen: 3.097 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 78 Resp: 48367
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3





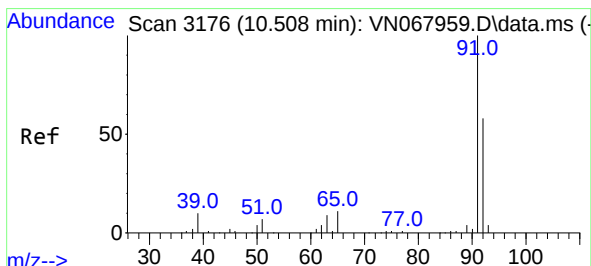
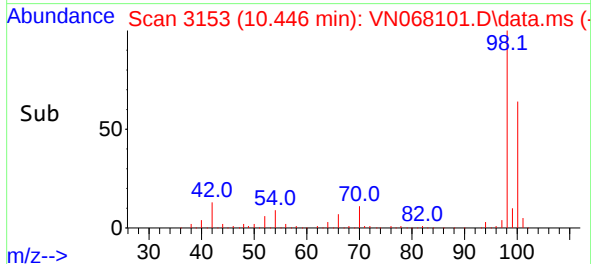
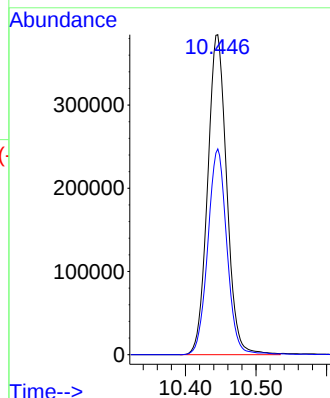
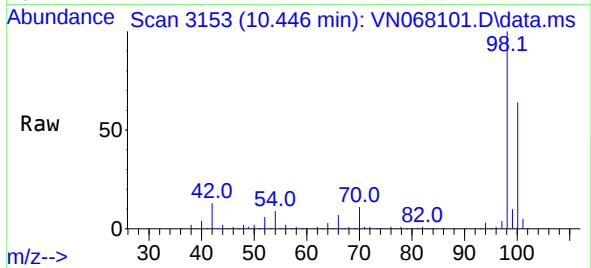
#50
Toluene-d8
Concen: 47.423 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 98 Resp: 724095
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

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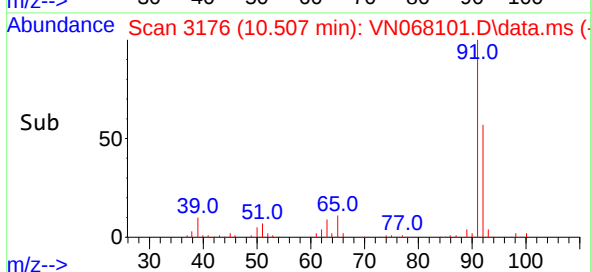
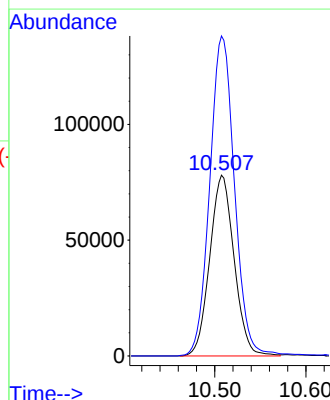
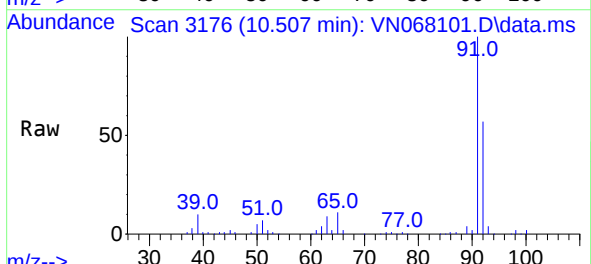
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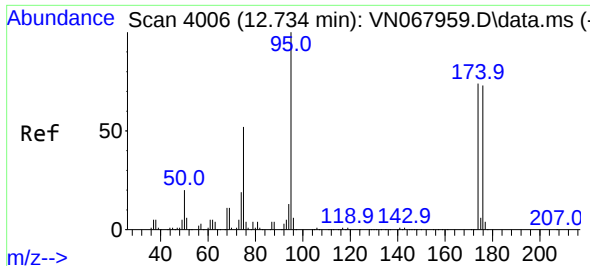
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#52
Toluene
Concen: 14.304 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.001 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

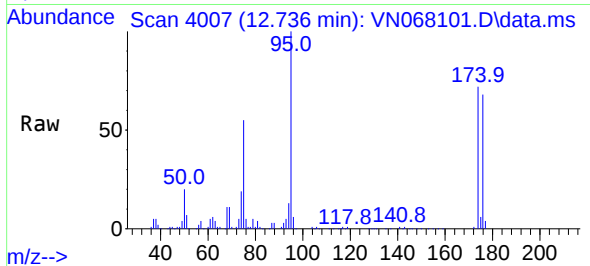
Tgt Ion: 92 Resp: 145148
Ion Ratio Lower Upper
92 100
91 180.2 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 43.152 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

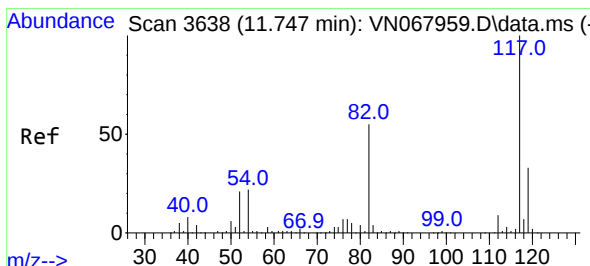
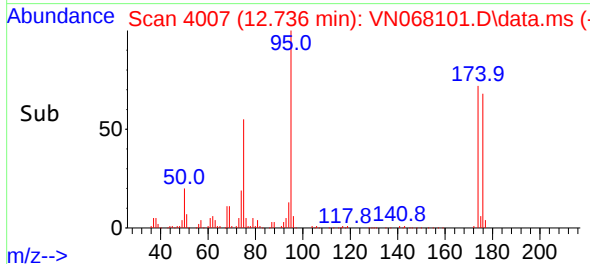
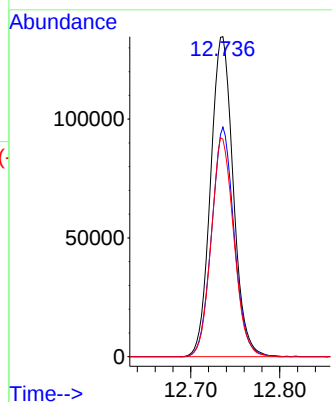
Instrument :
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Tgt Ion: 95 Resp: 238021
Ion Ratio Lower Upper
95 100
174 71.3 0.0 122.0
176 68.5 0.0 117.6

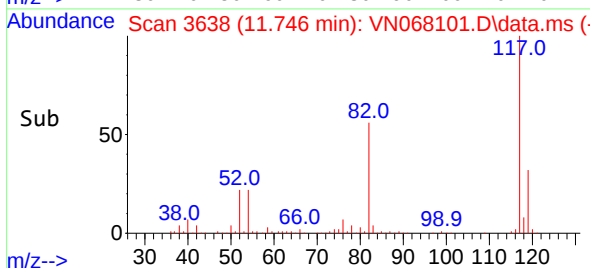
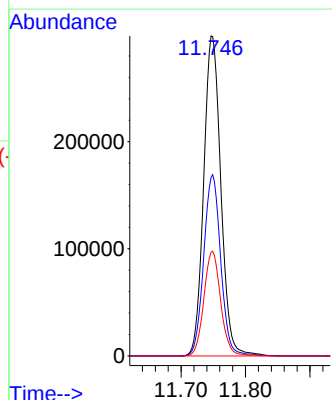
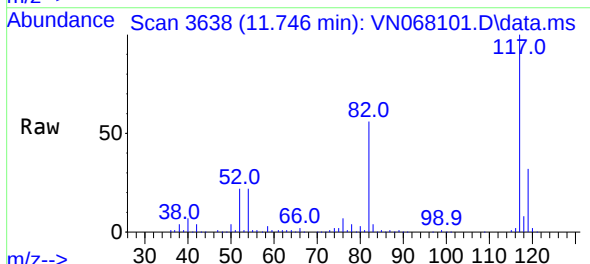
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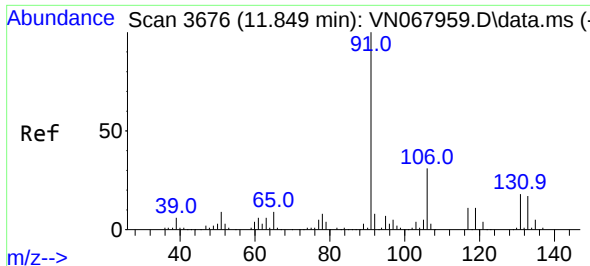
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

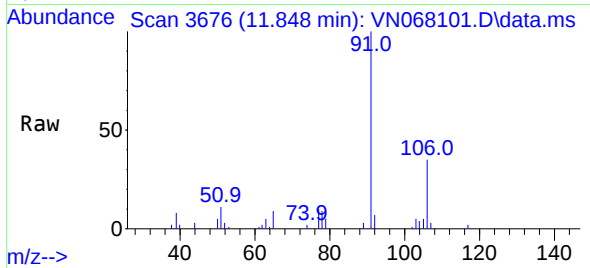
Tgt Ion: 117 Resp: 553486
Ion Ratio Lower Upper
117 100
82 55.8 53.1 79.7
119 32.4 25.5 38.3





#67
Ethyl Benzene
Concen: 1.183 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.001 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

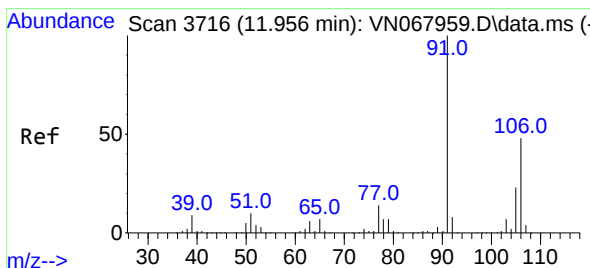
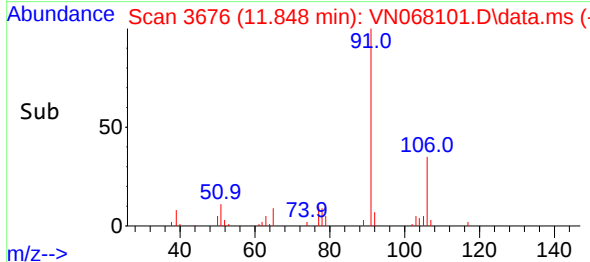
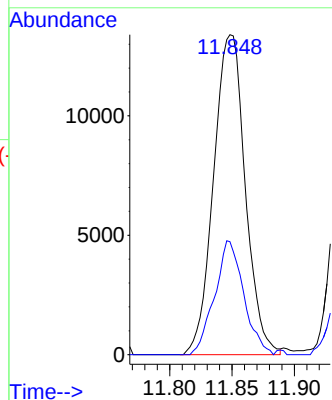
Instrument :
MSVOA_N
ClientSampled :
41909



Tgt Ion: 91 Resp: 23717
Ion Ratio Lower Upper
91 100
106 35.3 23.4 35.0#

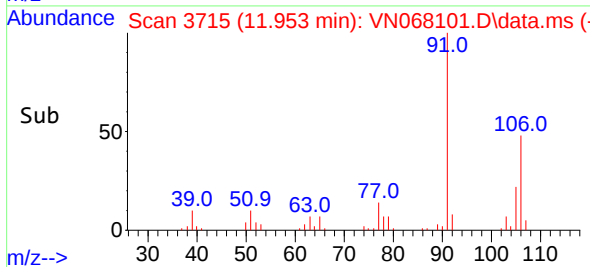
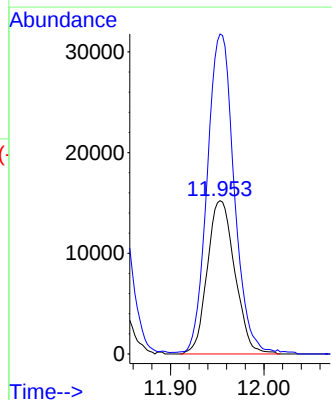
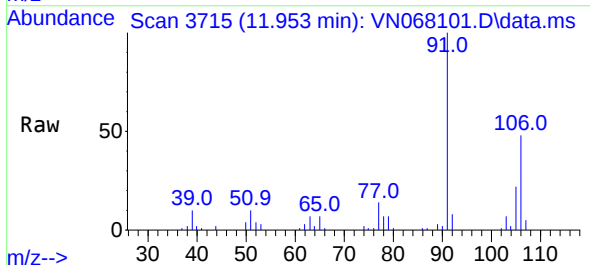
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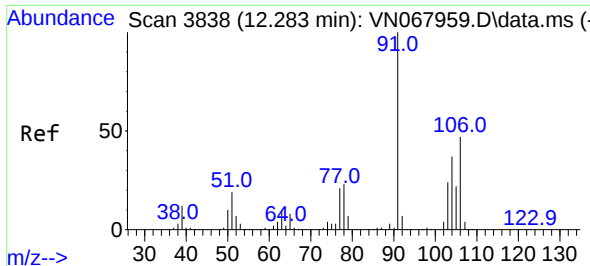
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#68
m/p-Xylenes
Concen: 7.475 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion: 106 Resp: 31157
Ion Ratio Lower Upper
106 100
91 205.5 180.6 270.8





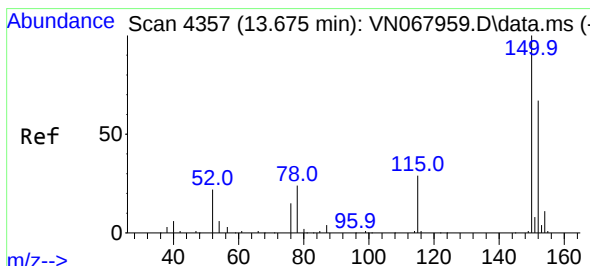
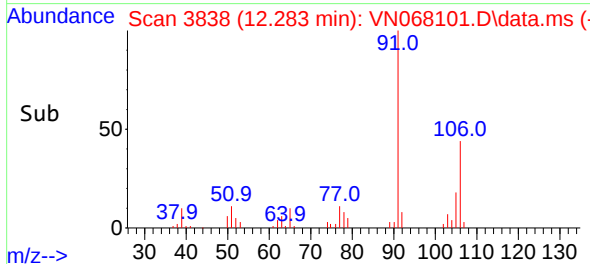
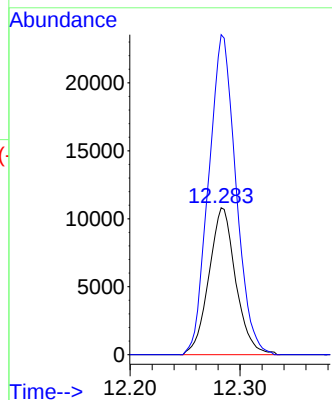
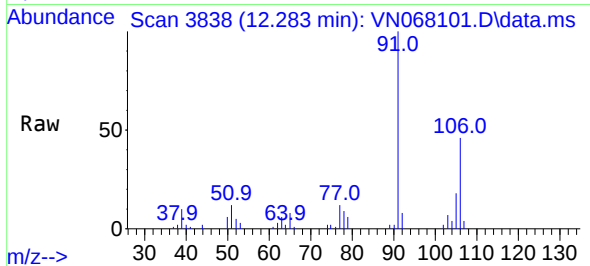
#69
o-Xylene
Concen: 2.485 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion:106 Resp: 18312
Ion Ratio Lower Upper
106 100
91 221.5 118.3 354.9

Instrument :
MSVOA_N
ClientSampled :
41909

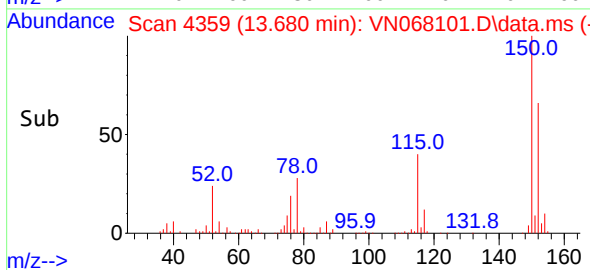
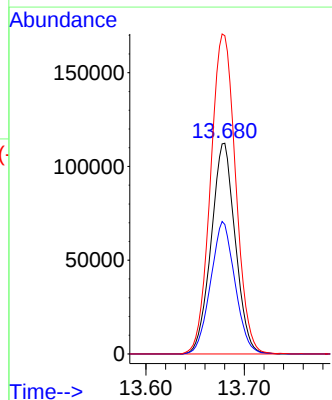
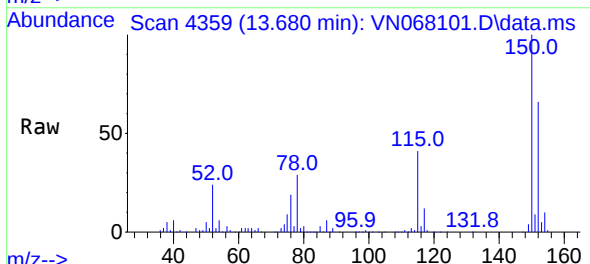
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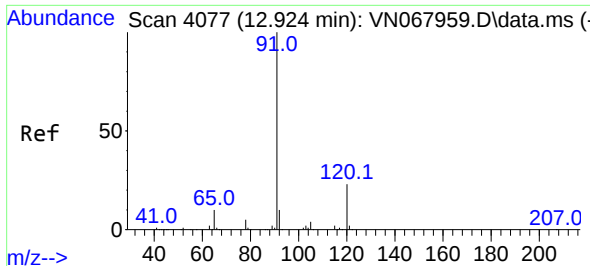
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

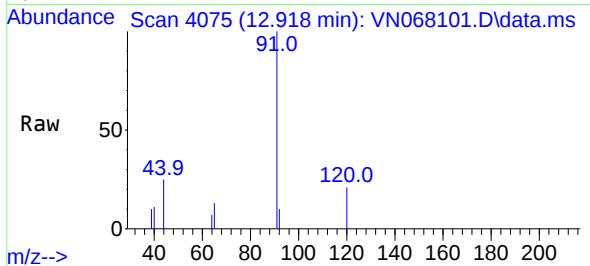
Tgt Ion:152 Resp: 191833
Ion Ratio Lower Upper
152 100
115 63.6 36.1 108.5
150 158.0 0.0 351.8





#78
n-propylbenzene
Concen: 0.200 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.006 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

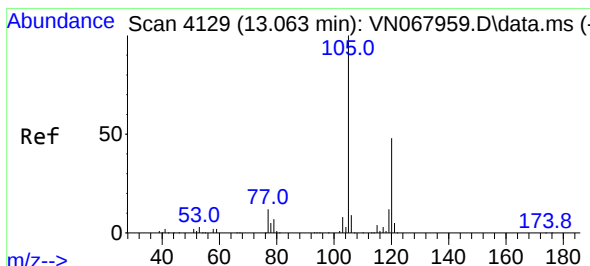
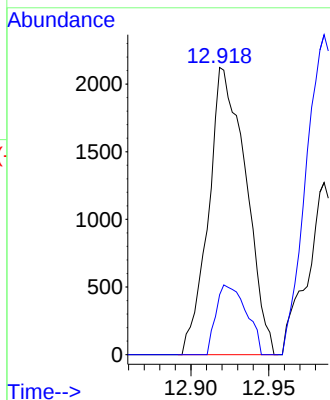
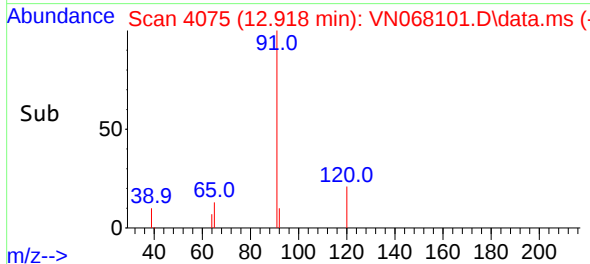
Instrument :
MSVOA_N
ClientSampled :
41909



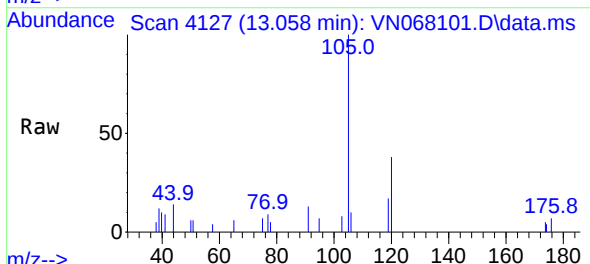
Tgt Ion: 91 Resp: 3540
Ion Ratio Lower Upper
91 100
120 19.5 10.4 31.4

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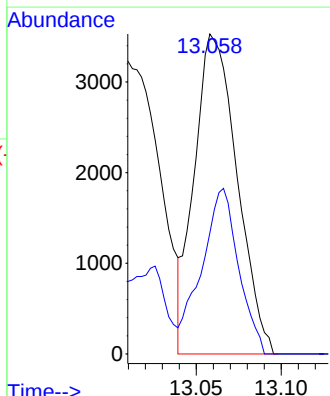
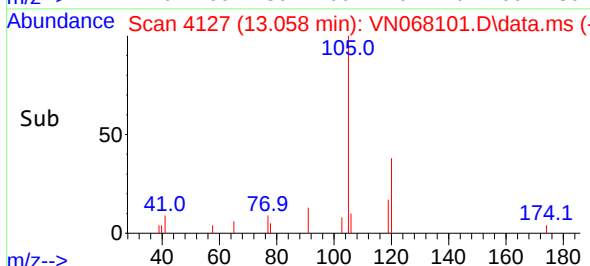
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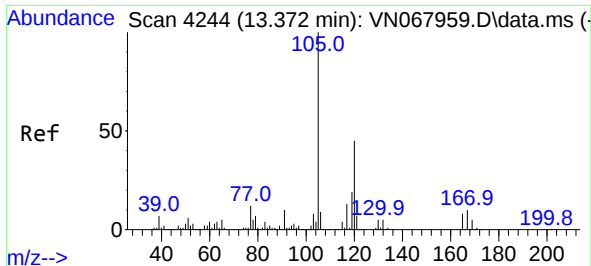


#80
1,3,5-Trimethylbenzene
Concen: 0.486 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.005 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57



Tgt Ion: 105 Resp: 6166
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





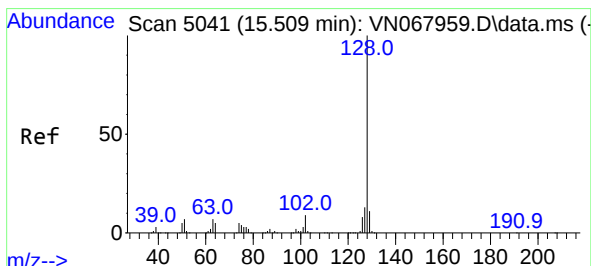
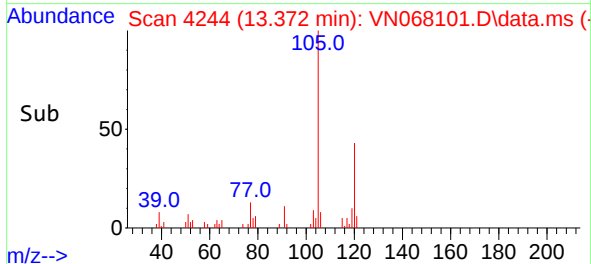
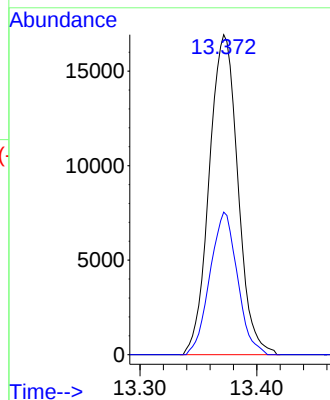
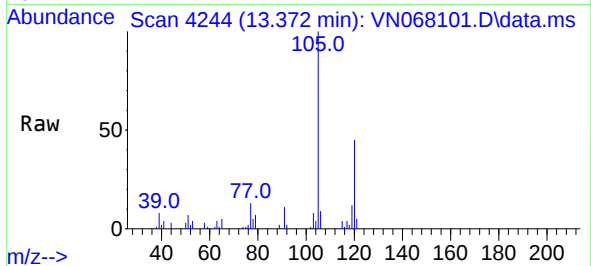
#84
1,2,4-Trimethylbenzene
Concen: 2.344 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion:105 Resp: 28806
Ion Ratio Lower Upper
105 100
120 42.8 20.6 61.8

Instrument :
MSVOA_N
ClientSampled :
41909

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#95
Naphthalene
Concen: 4.995 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN068101.D
Acq: 12 Aug 2021 19:57

Tgt Ion:128 Resp: 15996
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 9.2 8.6 12.8

