

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068090.D
 Acq On : 12 Aug 2021 15:26
 Operator : JC/MD
 Sample : M3360-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41920

Manual Integrations
 APPROVED

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 8/13/2021 10:56:28 AM

Quant Time: Aug 13 05:43:13 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	291603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	567375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	584081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	254344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232384	56.293	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.580%			
35) Dibromofluoromethane	8.024	113	181420	54.866	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.740%			
50) Toluene-d8	10.446	98	741647	48.709	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.733	95	275679	49.419	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.840%			
Target Compounds					Qvalue	
16) Acetone	4.296	43	23427	15.553	ug/l	95
19) Methyl tert-butyl Ether	5.632	73	6901	0.665	ug/l #	91
20) Methylene Chloride	5.093	84	3672	0.776	ug/l #	80
25) 2-Butanone	7.353	43	5062	2.316	ug/l #	72
39) Methylcyclohexane	9.456	83	2507	0.442	ug/l #	89
67) Ethyl Benzene	11.848	91	166262	7.859	ug/l	96
68) m/p-Xylenes	11.953	106	508762	56.875	ug/l	88
69) o-Xylene	12.283	106	198196	25.484	ug/l	88
73) Isopropylbenzene	12.581	105	29042	1.400	ug/l	95
78) n-propylbenzene	12.921	91	55756	2.381	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	451498	26.843	ug/l	95
84) 1,2,4-Trimethylbenzene	13.372	105	1092440	67.036	ug/l	95
85) sec-Butylbenzene	13.503	105	25730m	1.315	ug/l	
86) p-Isopropyltoluene	13.618	119	23013	1.479	ug/l	90
89) n-Butylbenzene	13.940	91	19979m	1.497	ug/l	
95) Naphthalene	15.509	128	45184	7.115	ug/l #	94

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

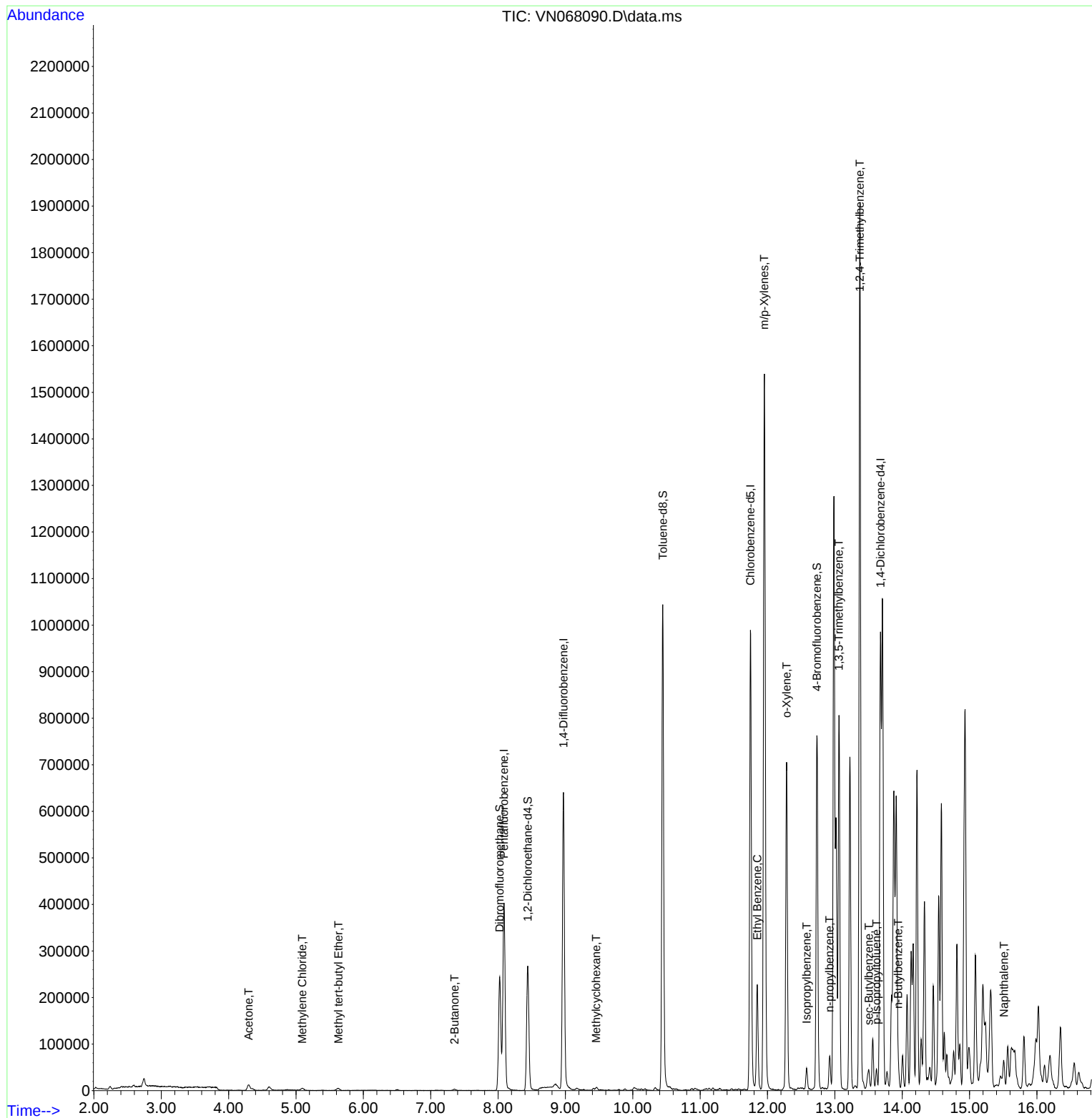
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Data File : VN068090.D
Acq On : 12 Aug 2021 15:26
Operator : JC/MD
Sample : M3360-03
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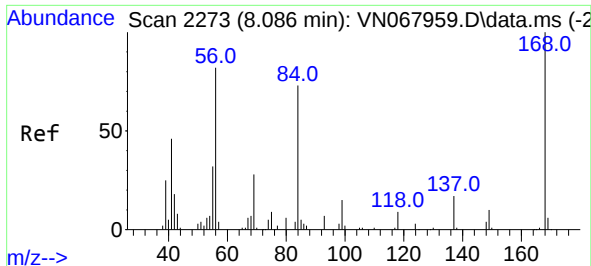
Instrument :
MSVOA_N
ClientSampleId :
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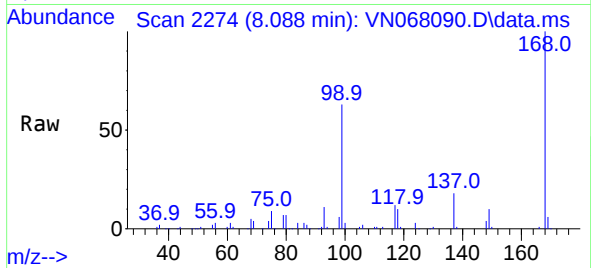
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Quant Time: Aug 13 05:43:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

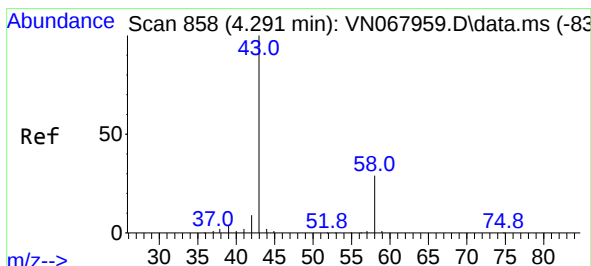
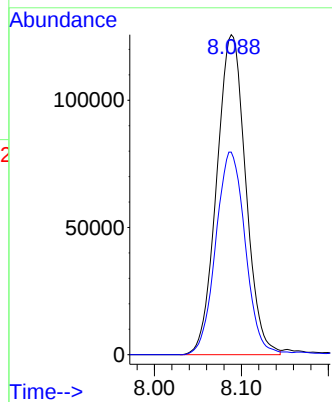
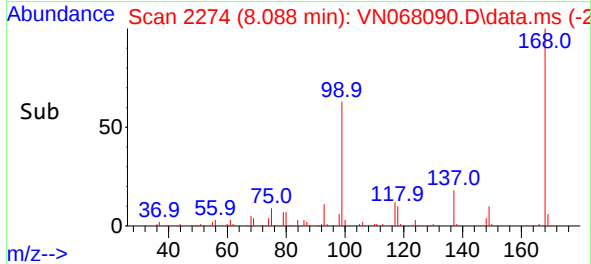




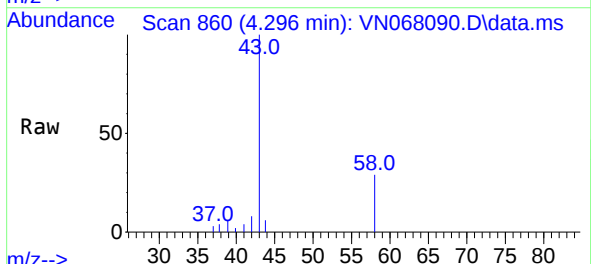
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



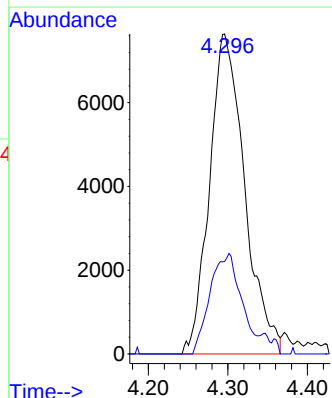
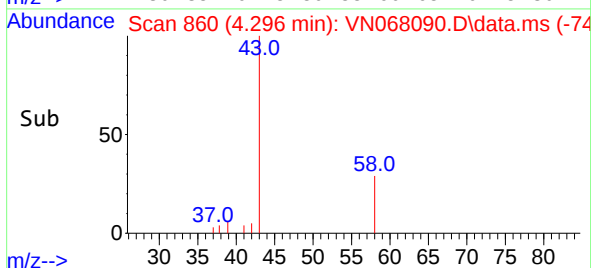
Tgt Ion: 168 Resp: 291603
Ion Ratio Lower Upper
168 100
99 63.3 62.9 94.3



#16
Acetone
Concen: 15.553 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



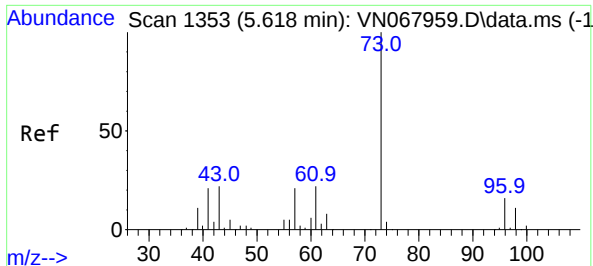
Tgt Ion: 43 Resp: 23427
Ion Ratio Lower Upper
43 100
58 28.9 21.2 31.8



Instrument :
MSVOA_N
ClientSampled :
41920

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#19

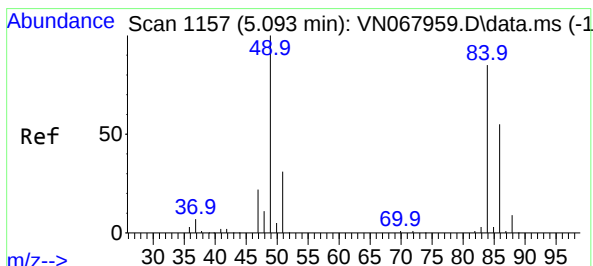
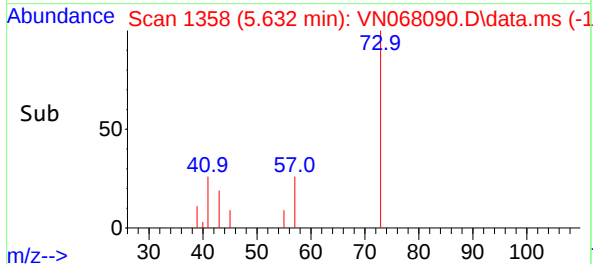
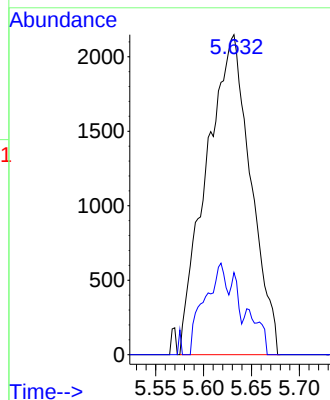
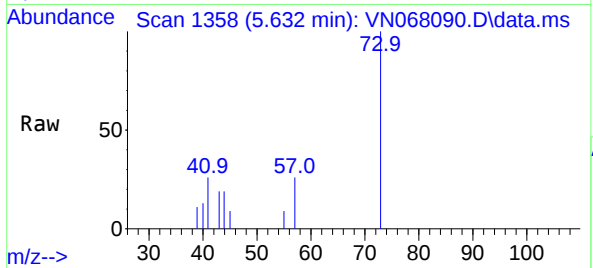
Methyl tert-butyl Ether
Concen: 0.665 ug/l
RT: 5.632 min Scan# 1358
Delta R.T. 0.014 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 73 Resp: 6901
Ion Ratio Lower Upper
73 100
57 25.7 17.0 25.6#

Instrument :
MSVOA_N
ClientSampled :
41920

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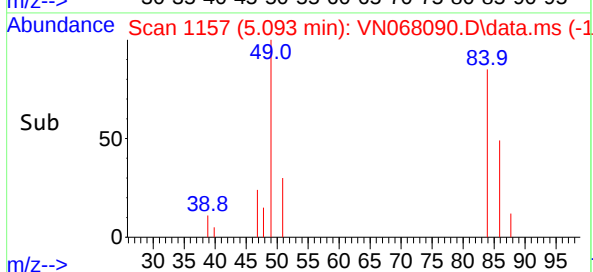
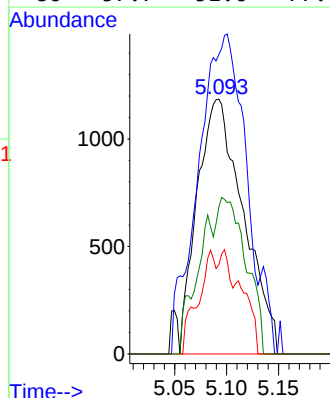
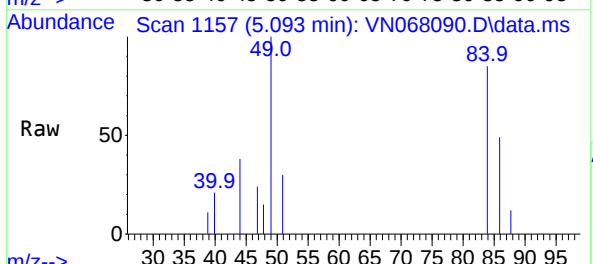
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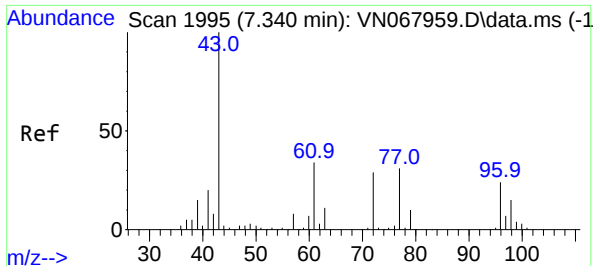


#20

Methylene Chloride
Concen: 0.776 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 84 Resp: 3672
Ion Ratio Lower Upper
84 100
49 104.6 110.9 166.3#
51 35.1 32.6 49.0
86 57.7 51.6 77.4





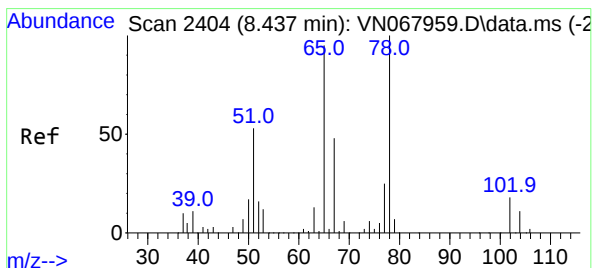
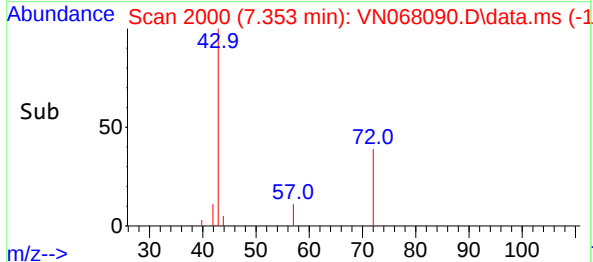
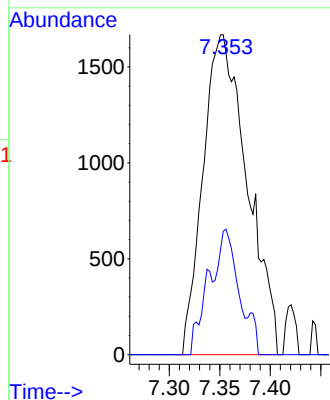
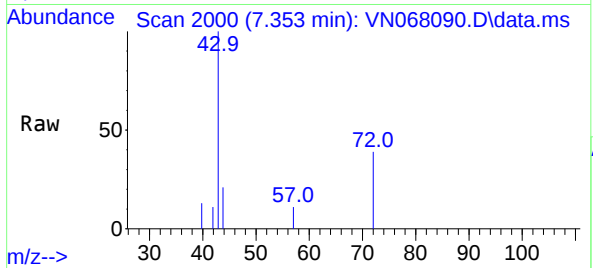
#25
2-Butanone
Concen: 2.316 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.013 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 43 Resp: 5062
Ion Ratio Lower Upper
43 100
72 38.5 19.7 29.5#

Instrument :
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41920

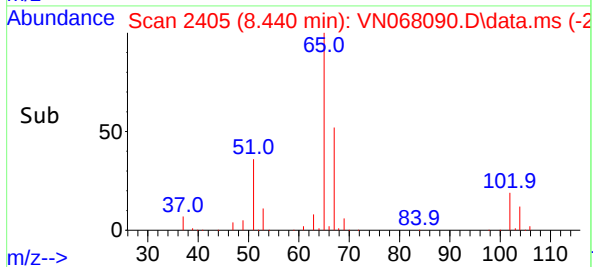
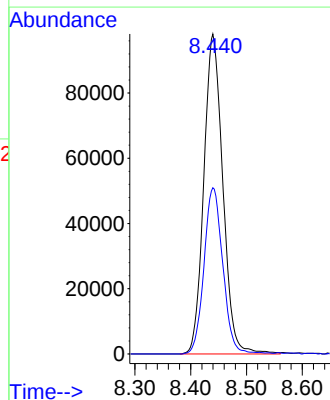
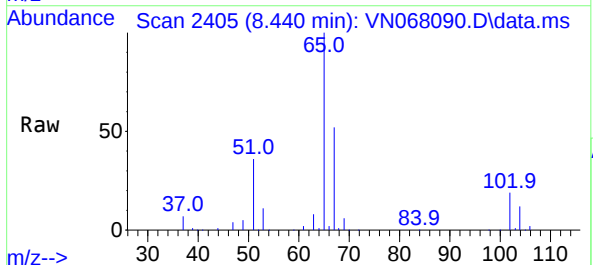
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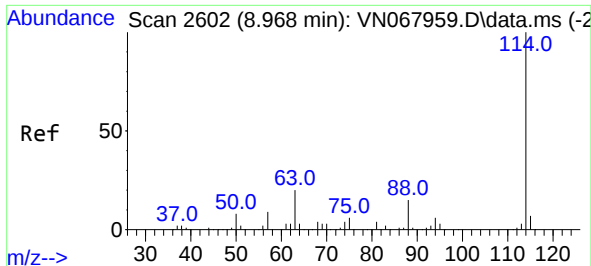
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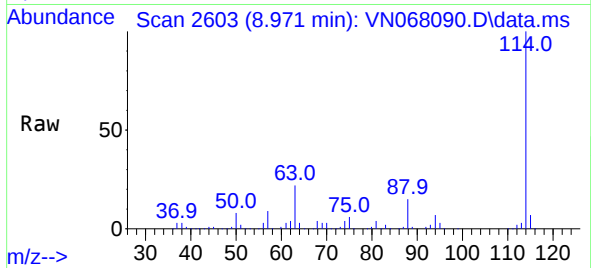
#33
1,2-Dichloroethane-d4
Concen: 56.293 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068090.D
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Tgt Ion: 65 Resp: 232384
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

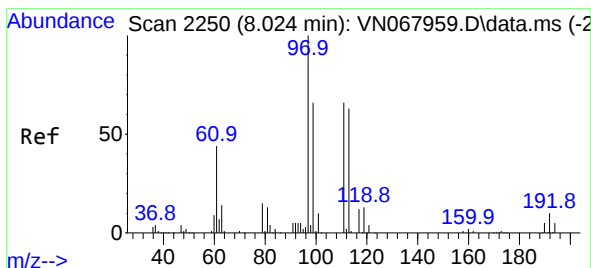
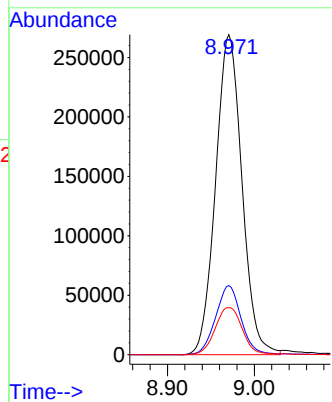
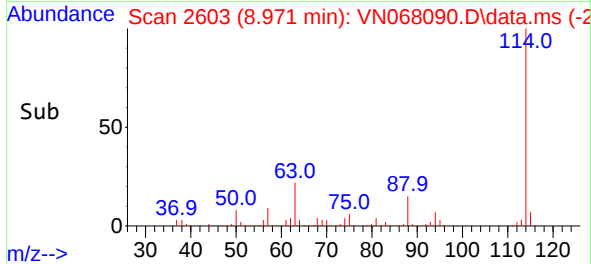




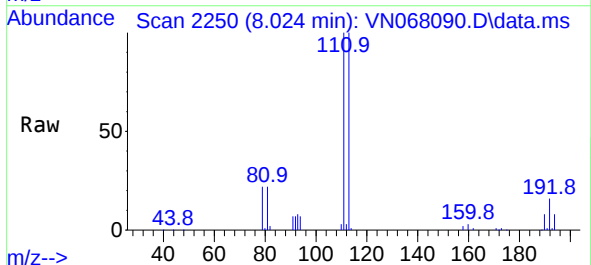
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



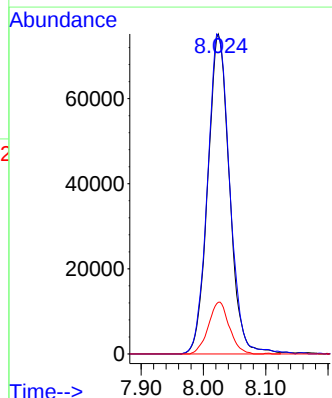
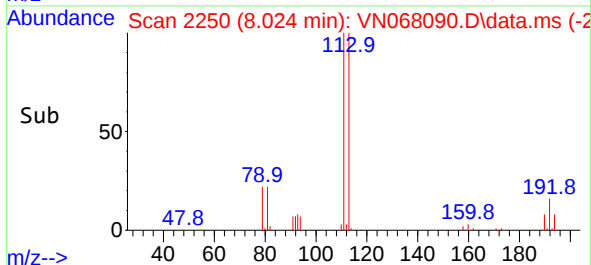
Tgt Ion:114 Resp: 567375
Ion Ratio Lower Upper
114 100
63 21.6 0.0 49.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 54.866 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



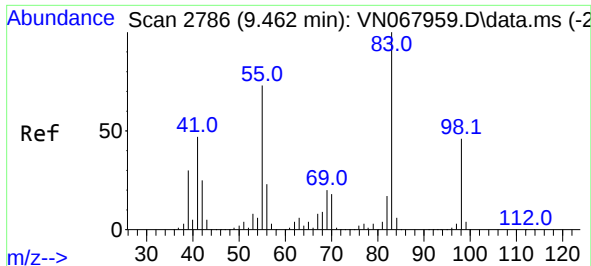
Tgt Ion:113 Resp: 181420
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.8
192 15.7 13.4 20.0



Instrument :
MSVOA_N
ClientSampled :
41920

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#39

Methylcyclohexane

Concen: 0.442 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.006 min

Lab File: VN068090.D

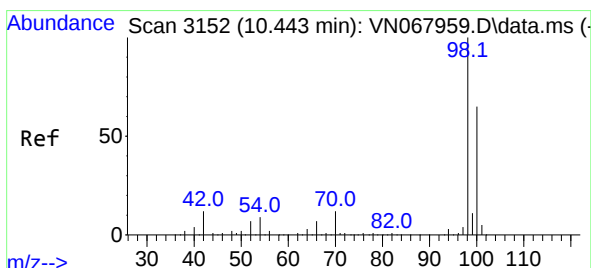
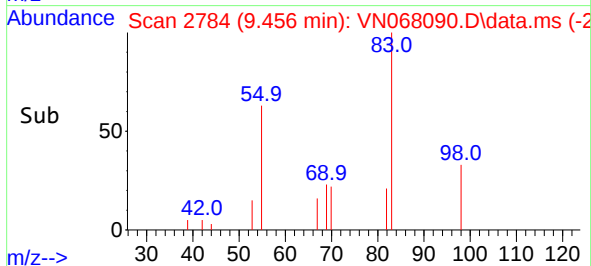
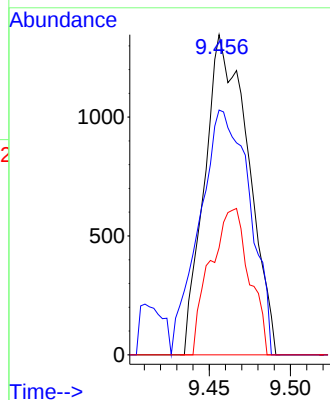
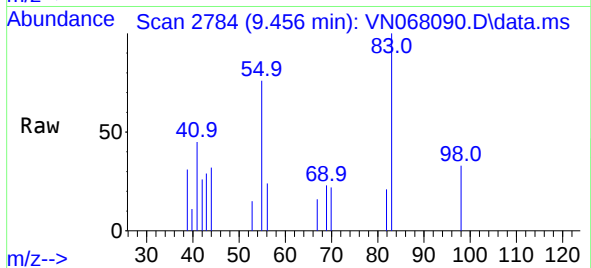
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Tgt Ion:	83	Resp:	2507
Ion	Ratio	Lower	Upper
83	100		
55	76.5	66.6	99.8
98	33.4	35.3	52.9#

Instrument :
MSVOA_N
ClientSampled :
41920

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#50

Toluene-d8

Concen: 48.709 ug/l

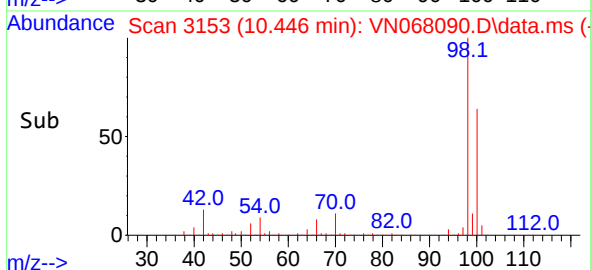
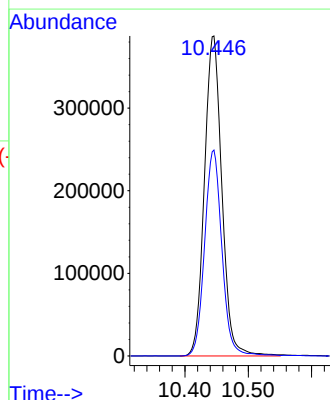
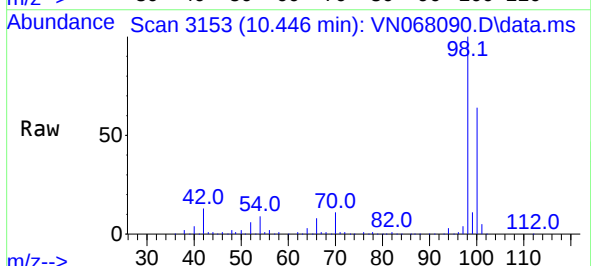
RT: 10.446 min Scan# 3153

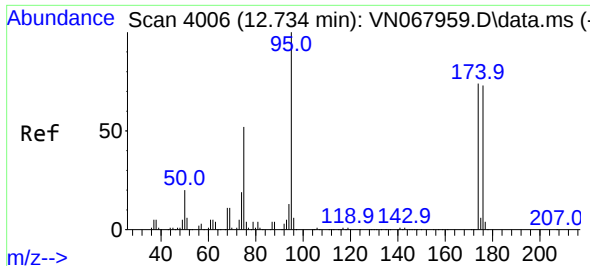
Delta R.T. 0.003 min

Lab File: VN068090.D

Acq: 12 Aug 2021 15:26

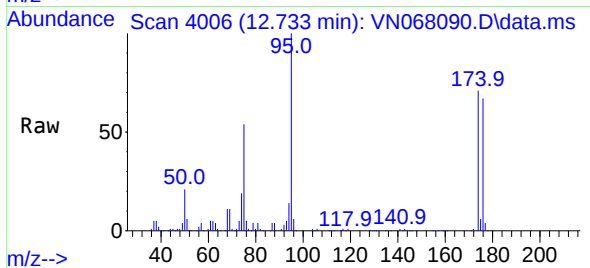
Tgt Ion:	98	Resp:	741647
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.7	77.5





#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

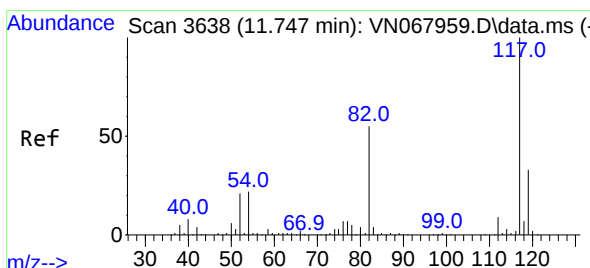
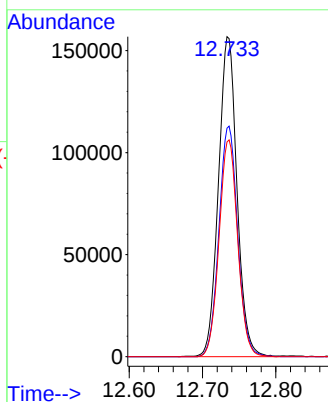
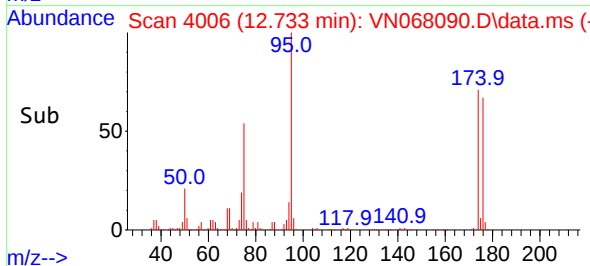
Instrument :
MSVOA_N
ClientSampled :
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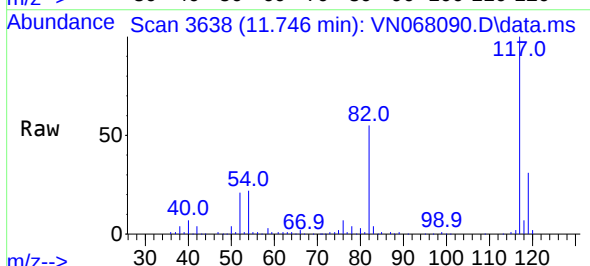
Tgt Ion: 95 Resp: 275679
Ion Ratio Lower Upper
95 100
174 72.9 0.0 122.0
176 68.0 0.0 117.6

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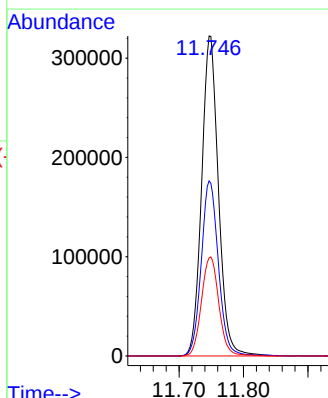
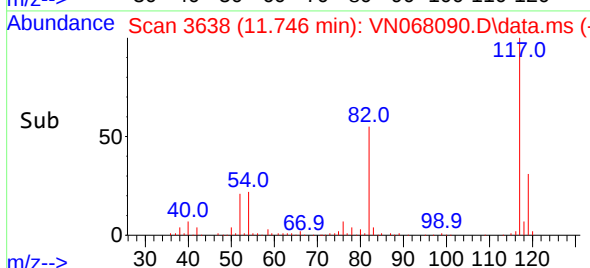
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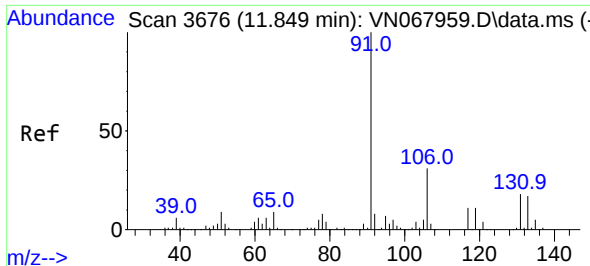


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



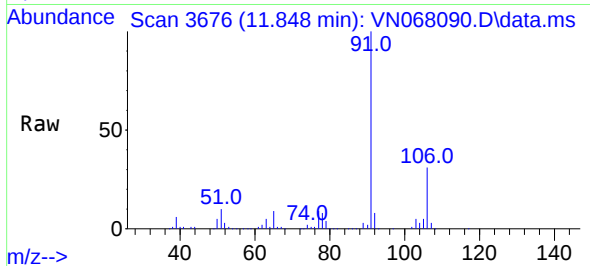
Tgt Ion: 117 Resp: 584081
Ion Ratio Lower Upper
117 100
82 54.7 53.1 79.7
119 30.7 25.5 38.3





#67
Ethyl Benzene
Concen: 7.859 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

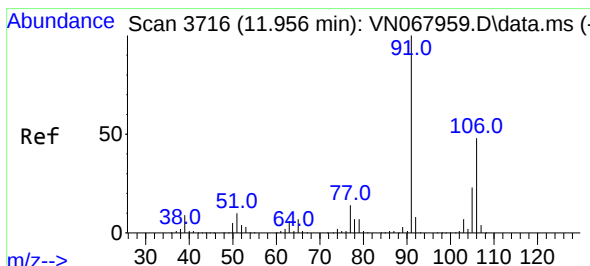
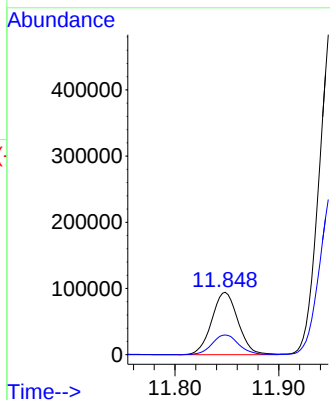
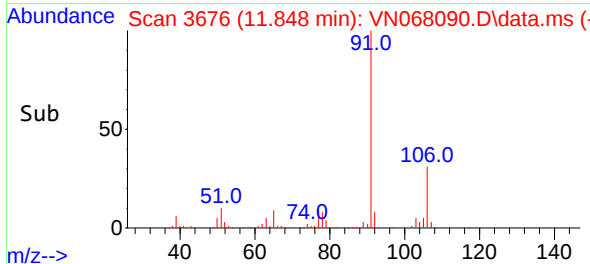
Instrument :
MSVOA_N
ClientSampled :
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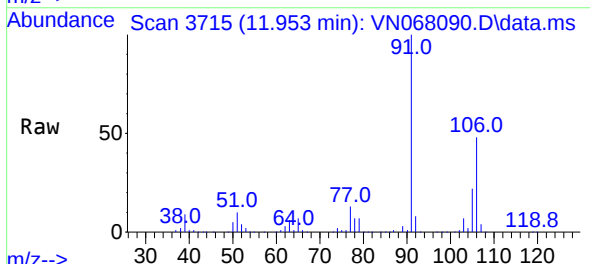
Tgt Ion: 91 Resp: 166262
Ion Ratio Lower Upper
91 100
106 31.5 23.4 35.0

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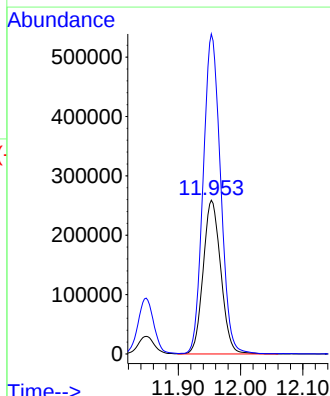
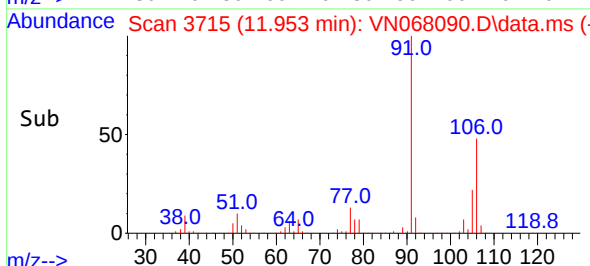
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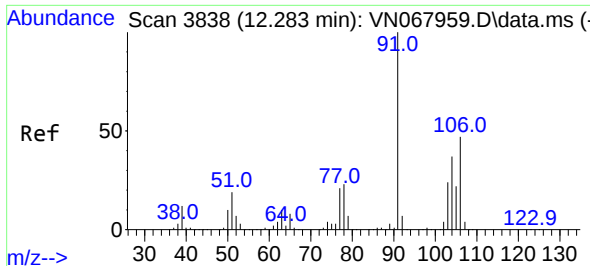


#68
m/p-Xylenes
Concen: 56.875 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

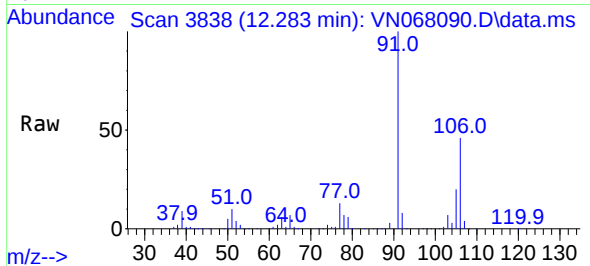


Tgt Ion: 106 Resp: 508762
Ion Ratio Lower Upper
106 100
91 205.3 180.6 270.8

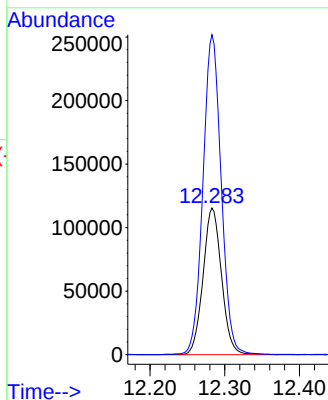
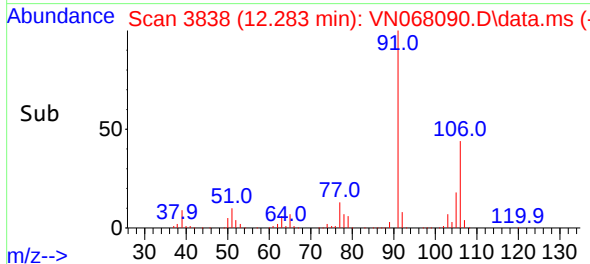




#69
o-Xylene
Concen: 25.484 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



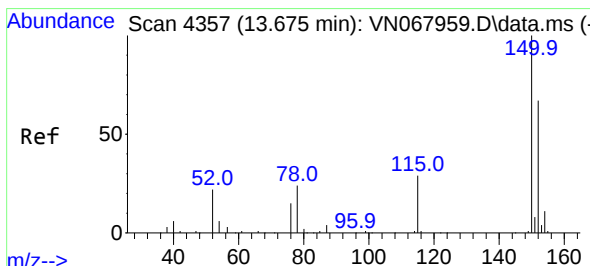
Tgt Ion:106 Resp: 198196
Ion Ratio Lower Upper
106 100
91 216.1 118.3 354.9



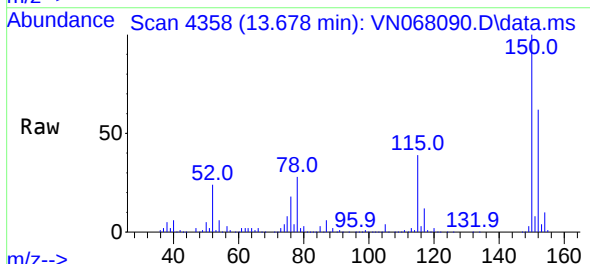
Instrument :
MSVOA_N
ClientSampled :
41920

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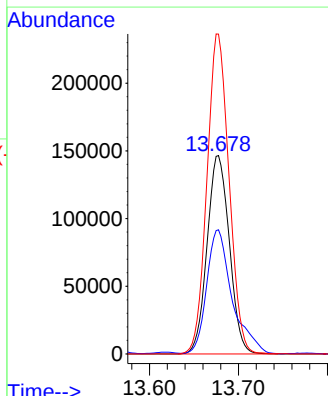
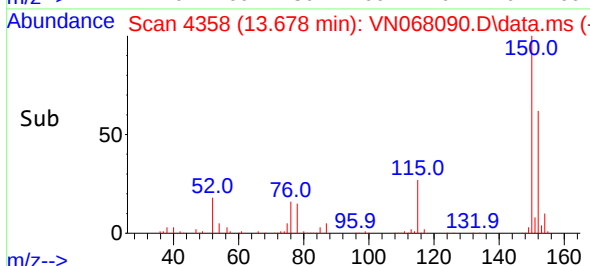
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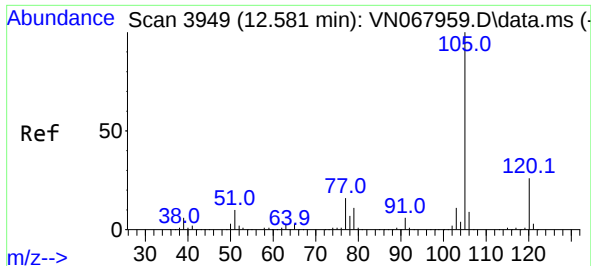


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



Tgt Ion:152 Resp: 254344
Ion Ratio Lower Upper
152 100
115 71.5 36.1 108.5
150 160.1 0.0 351.8





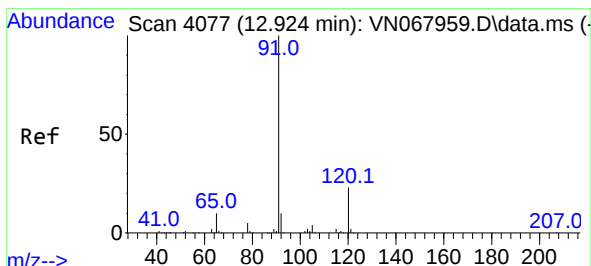
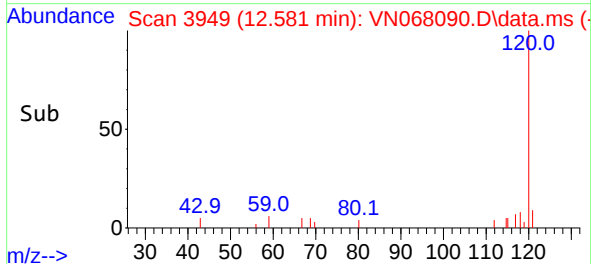
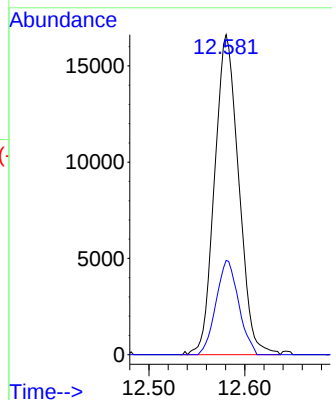
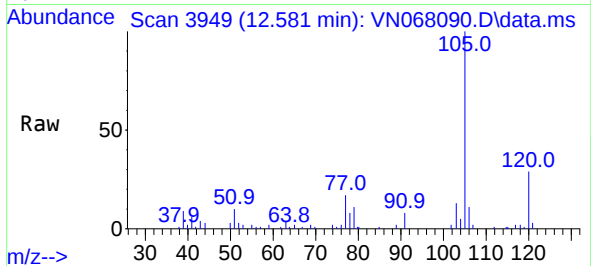
#73
Isopropylbenzene
Concen: 1.400 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 105 Resp: 29042
Ion Ratio Lower Upper
105 100
120 27.5 12.5 37.5

Instrument :
MSVOA_N
ClientSampled :
41920

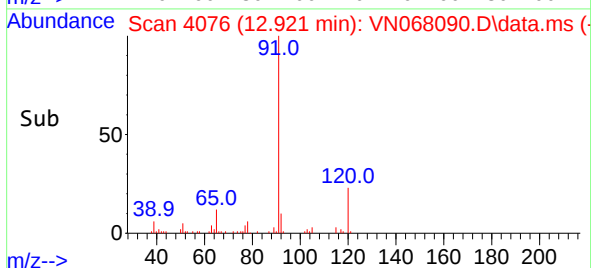
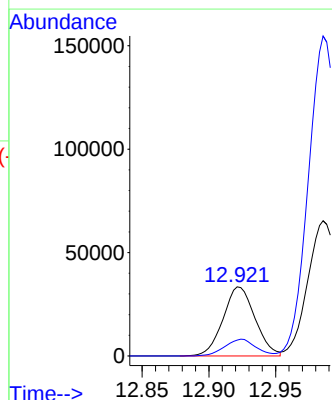
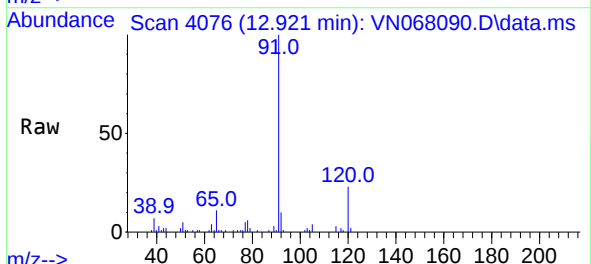
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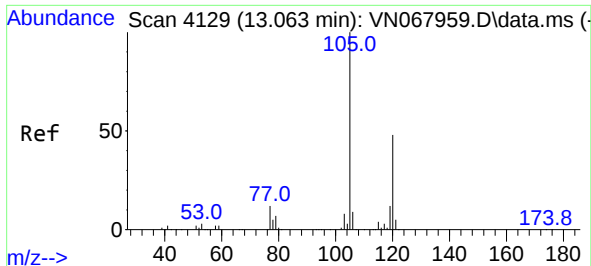
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#78
n-propylbenzene
Concen: 2.381 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Tgt Ion: 91 Resp: 55756
Ion Ratio Lower Upper
91 100
120 23.5 10.4 31.4





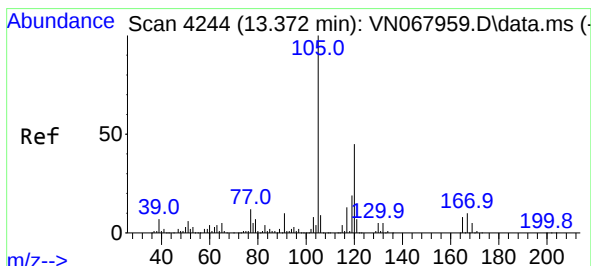
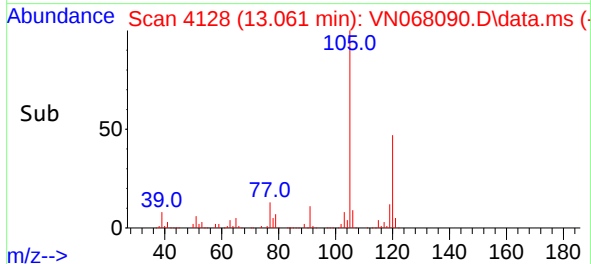
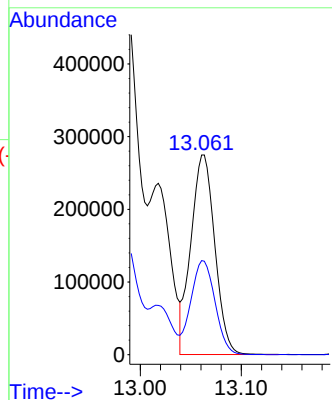
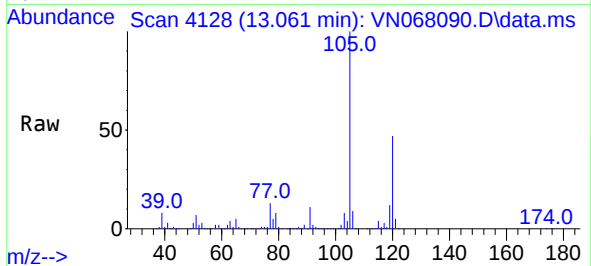
#80
1,3,5-Trimethylbenzene
Concen: 26.843 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.002 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

Instrument :
MSVOA_N
ClientSampled :
41920

Tgt Ion:105 Resp: 451498
Ion Ratio Lower Upper
105 100
120 47.6 22.2 66.6

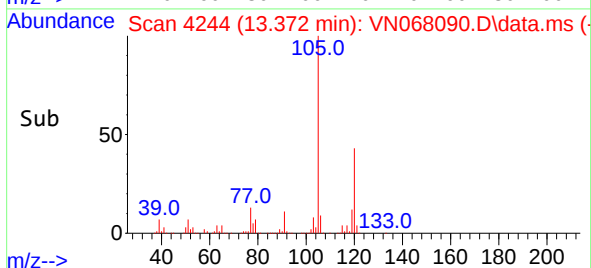
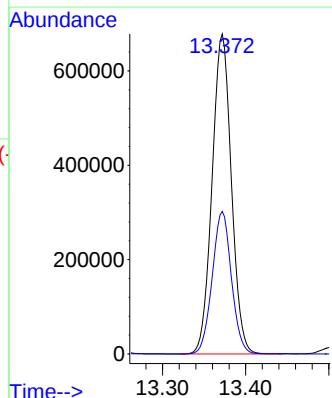
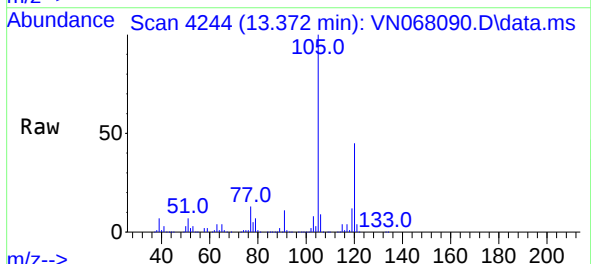
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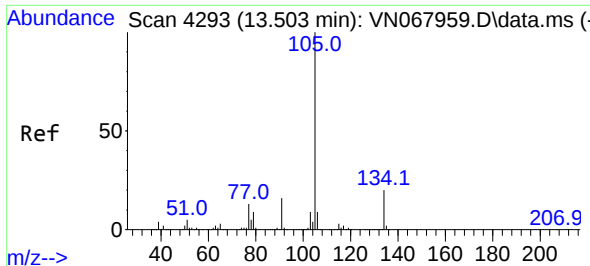
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#84
1,2,4-Trimethylbenzene
Concen: 67.036 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

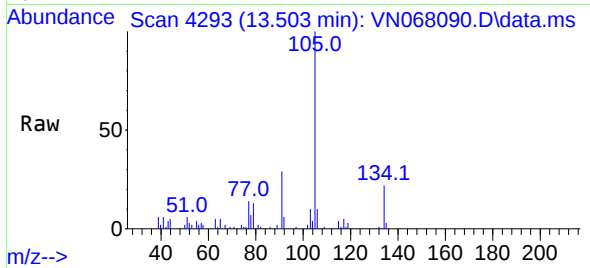
Tgt Ion:105 Resp: 1092440
Ion Ratio Lower Upper
105 100
120 44.4 20.6 61.8





#85
sec-Butylbenzene
Concen: 1.315 ug/l m
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

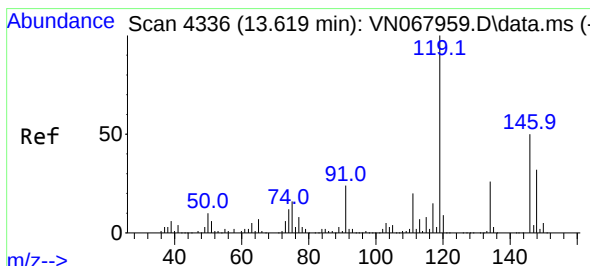
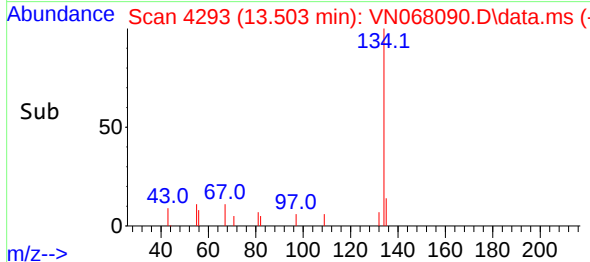
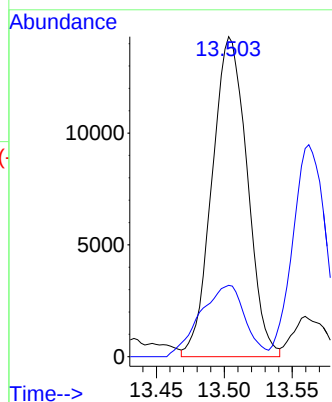
Instrument :
MSVOA_N
ClientSampled :
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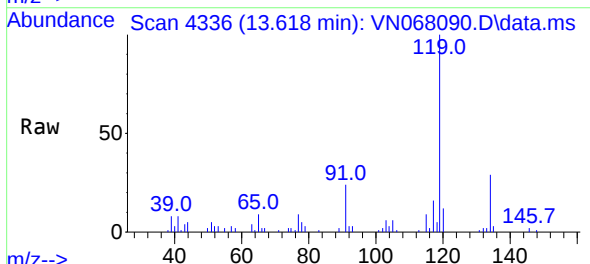
Tgt Ion:105 Resp: 25730
Ion Ratio Lower Upper
105 100
134 0.0 9.0 27.1#

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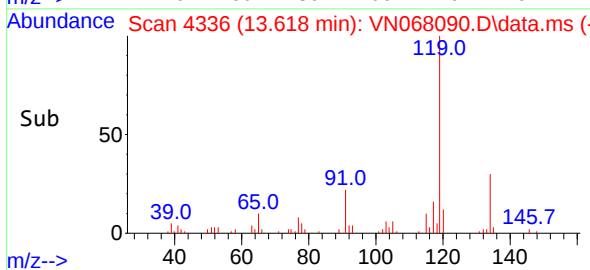
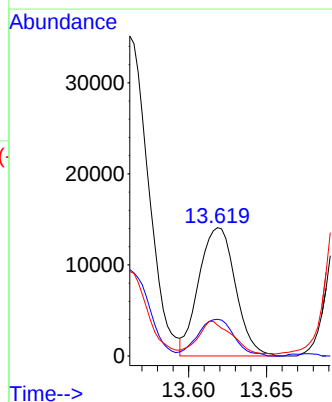
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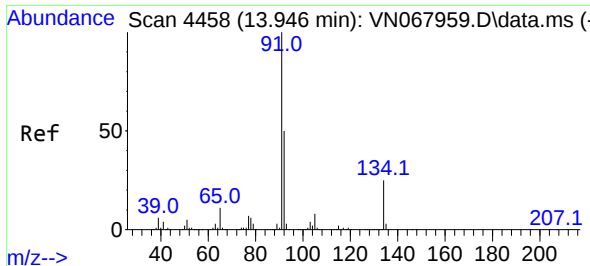


#86
p-Isopropyltoluene
Concen: 1.479 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



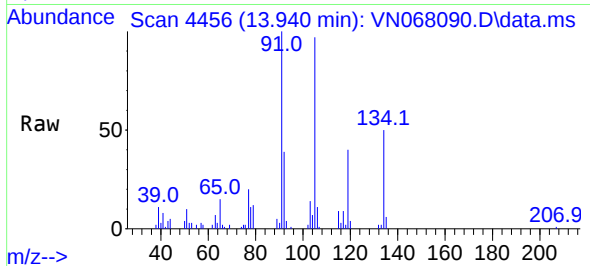
Tgt Ion:119 Resp: 23013
Ion Ratio Lower Upper
119 100
134 28.4 12.4 37.4
91 23.0 14.8 44.3





#89
n-Butylbenzene
Concen: 1.497 ug/l m
RT: 13.940 min Scan# 4456
Delta R.T. -0.006 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26

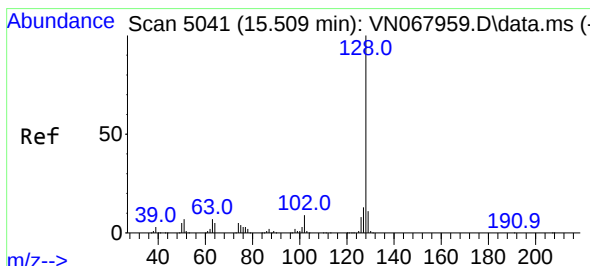
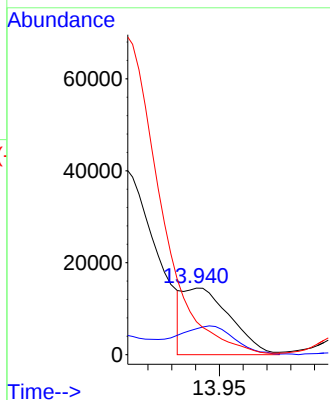
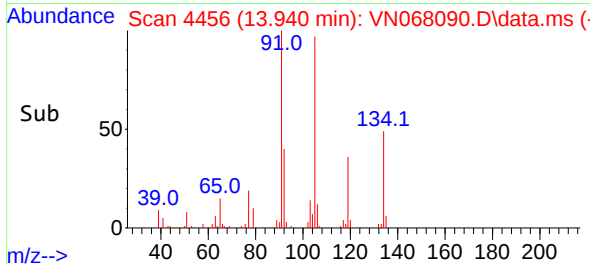
Instrument :
MSVOA_N
ClientSampled :
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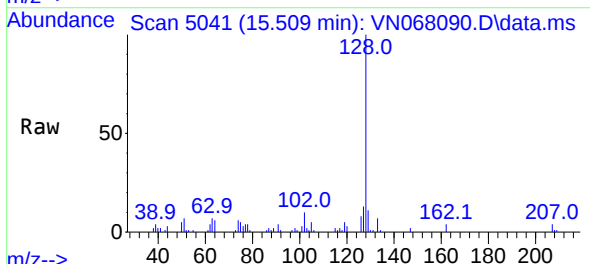
Tgt Ion: 91 Resp: 19979
Ion Ratio Lower Upper
91 100
92 27.4 25.7 77.1
134 634.5 11.2 33.6#

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#95
Naphthalene
Concen: 7.115 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068090.D
Acq: 12 Aug 2021 15:26



Tgt Ion:128 Resp: 45184
Ion Ratio Lower Upper
128 100
127 15.2 10.6 15.8
129 8.3 8.6 12.8#

