

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070221\
 Data File : VN067624.D
 Acq On : 2 Jul 2021 18:18
 Operator : JC/MD
 Sample : M2896-04RE 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-02RE

Manual Integrations
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 7/7/2021 8:51:41 AM

Quant Time: Jul 05 05:03:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 12:55:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	379788	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	720197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	783857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	420003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	278800	49.058	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.120%		
35) Dibromofluoromethane	8.024	113	205589	46.153	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.300%		
50) Toluene-d8	10.443	98	955745	50.836	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.680%		
62) 4-Bromofluorobenzene	12.733	95	439424	65.519	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	131.040%		
Target Compounds						Qvalue
16) Acetone	4.291	43	227306	126.160	ug/l	93
18) Methyl Acetate	4.856	43	575650	125.405	ug/l	96
20) Methylene Chloride	5.098	84	5399m	1.202	ug/l	
25) 2-Butanone	7.340	43	914889	314.703	ug/l	95
29) Tetrahydrofuran	7.689	42	198643	102.585	ug/l	94
40) Benzene	8.461	78	464308	23.039	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	154781	22.268	ug/l	98
52) Toluene	10.507	92	1484436	110.596	ug/l	99
59) 2-Hexanone	11.089	43	939180	192.764	ug/l	98
67) Ethyl Benzene	11.848	91	544187	18.672	ug/l	97
68) m/p-Xylenes	11.953	106	504498	45.172	ug/l	89
69) o-Xylene	12.283	106	329875	29.828	ug/l	88
78) n-propylbenzene	12.924	91	60773	1.566	ug/l	92
80) 1,3,5-Trimethylbenzene	13.063	105	65459	2.323	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	248399	9.008	ug/l	95

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

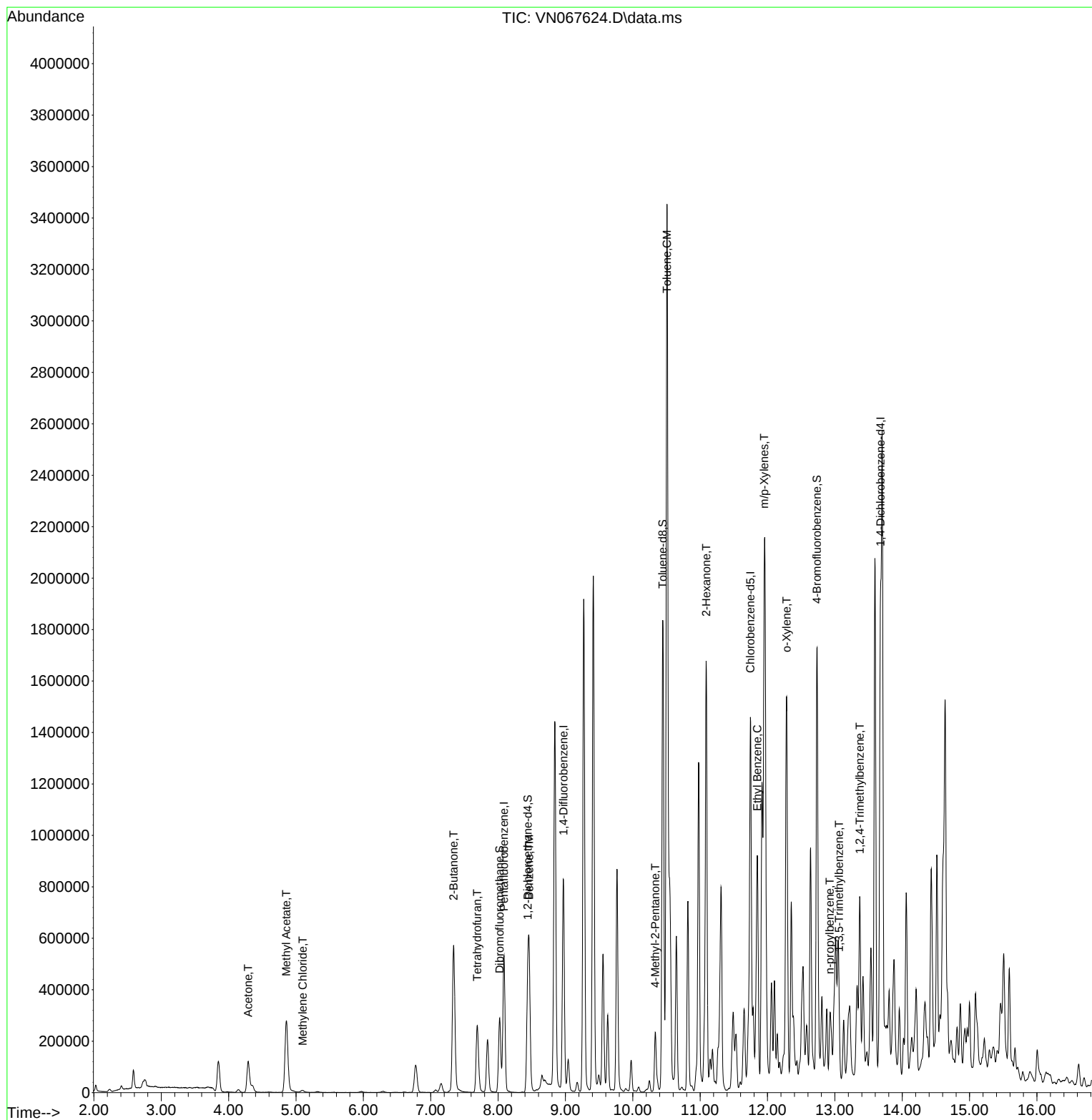
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Data File : VN067624.D
Acq On : 2 Jul 2021 18:18
Operator : JC/MD
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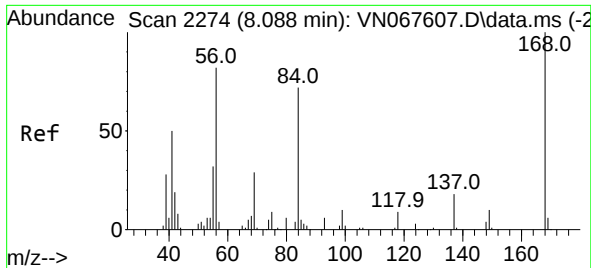
Instrument :
MSVOA_N
ClientSampleId :
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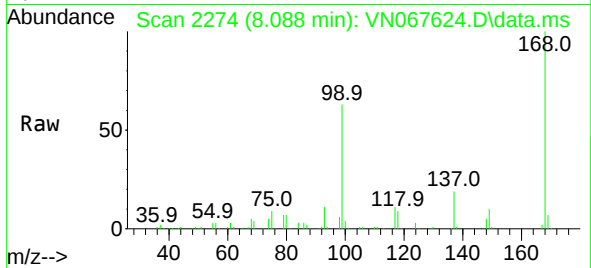
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Quant Time: Jul 05 05:03:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 12:55:54 2021
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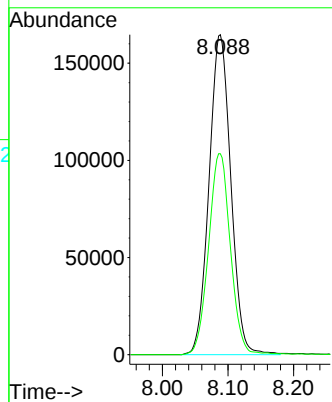
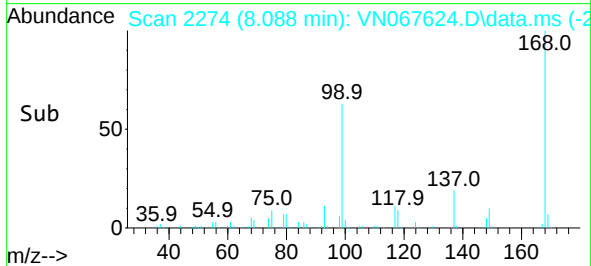




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18



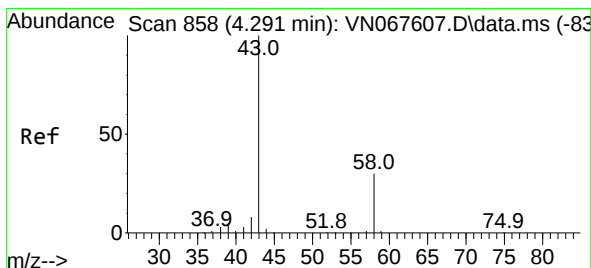
Tgt Ion:168 Resp: 379788
Ion Ratio Lower Upper
168 100
99 62.8 62.9 94.3#



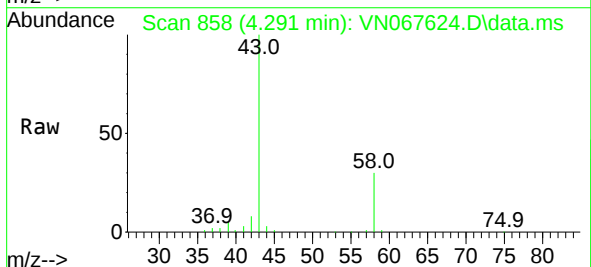
Instrument :
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ClientSampleId :
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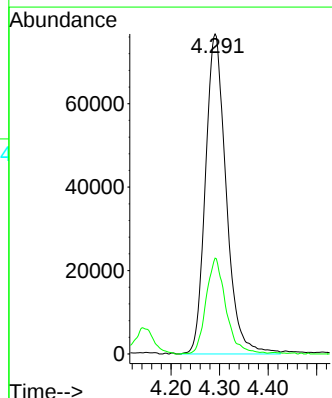
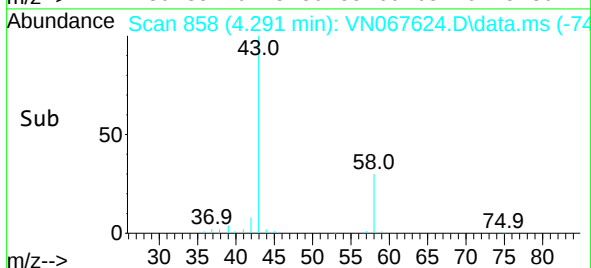
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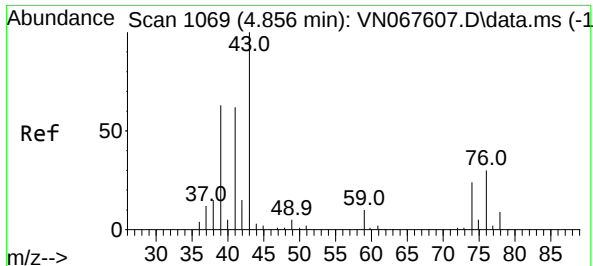


#16
Acetone
Concen: 126.160 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18



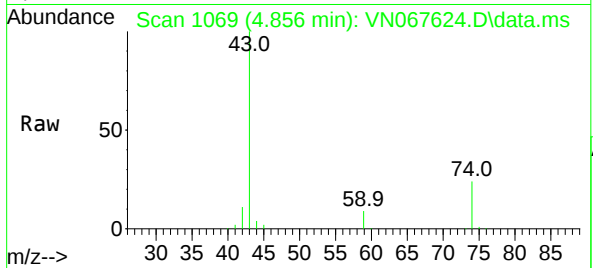
Tgt Ion: 43 Resp: 227306
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8





#18
Methyl Acetate
Concen: 125.405 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

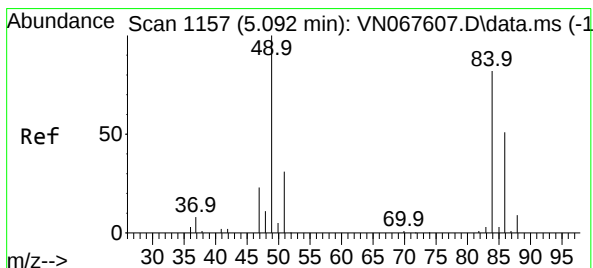
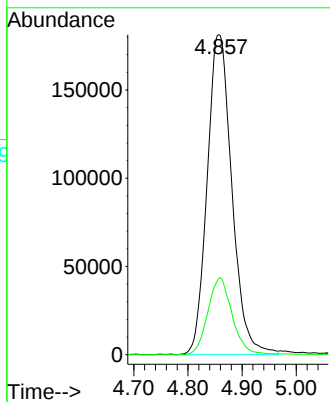
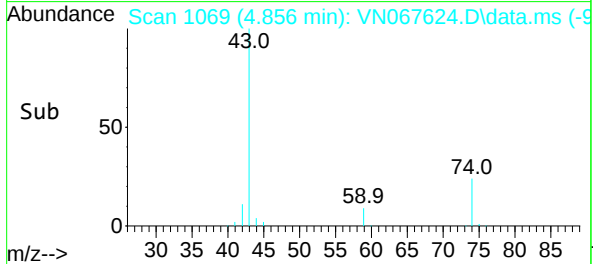
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MSVOA_N
ClientSampleId :
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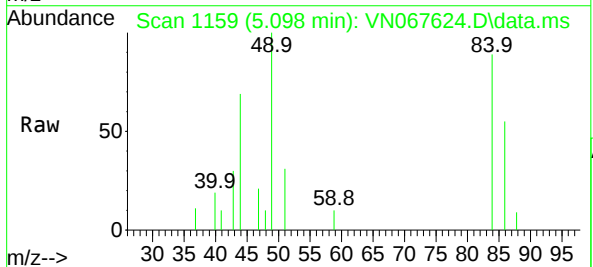
Tgt Ion: 43 Resp: 575650
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0

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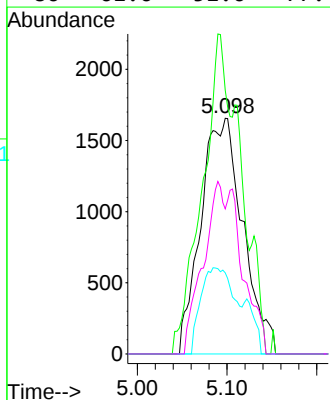
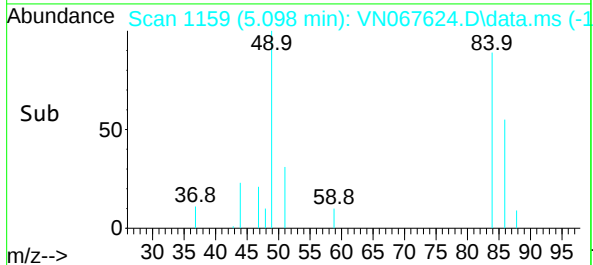
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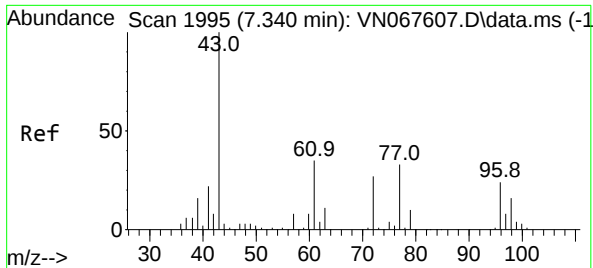


#20
Methylene Chloride
Concen: 1.202 ug/l m
RT: 5.098 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VN067624.D
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Tgt Ion: 84 Resp: 5399
Ion Ratio Lower Upper
84 100
49 111.9 110.9 166.3
51 34.4 32.6 49.0
86 61.6 51.6 77.4





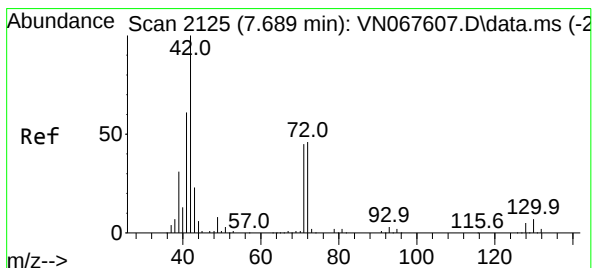
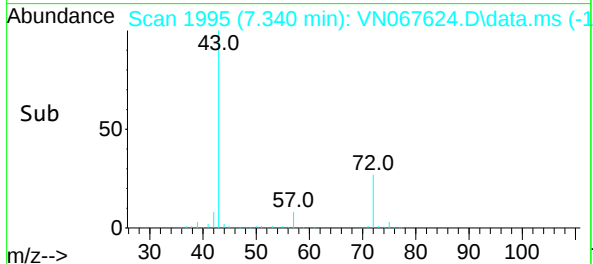
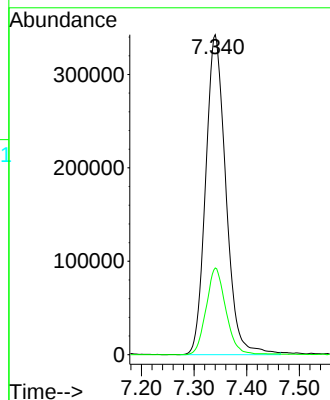
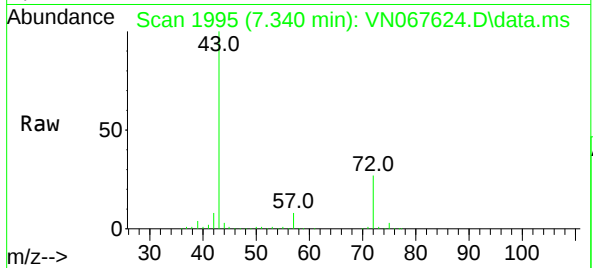
#25
2-Butanone
Concen: 314.703 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 43 Resp: 914889
Ion Ratio Lower Upper
43 100
72 27.1 19.7 29.5

Instrument :
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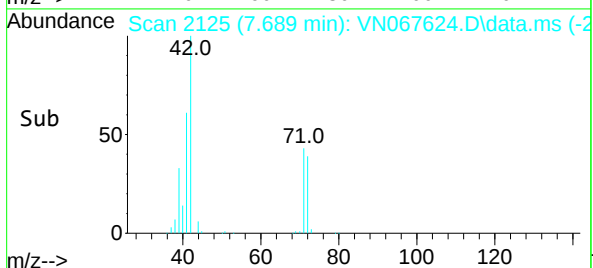
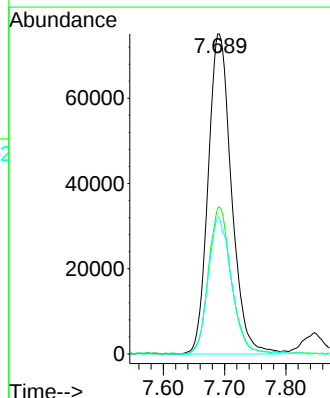
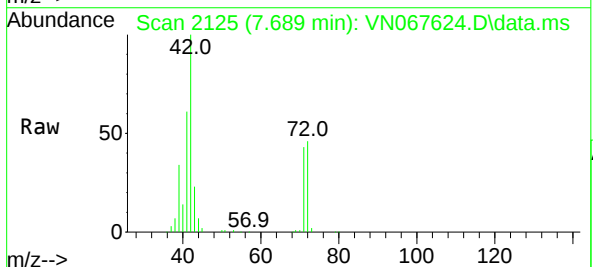
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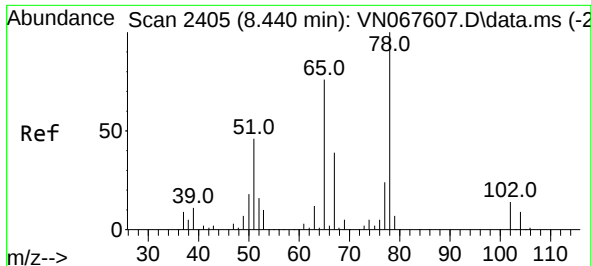
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#29
Tetrahydrofuran
Concen: 102.585 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. -0.000 min
Lab File: VN067624.D
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Tgt Ion: 42 Resp: 198643
Ion Ratio Lower Upper
42 100
72 44.9 32.8 49.2
71 42.5 31.2 46.8





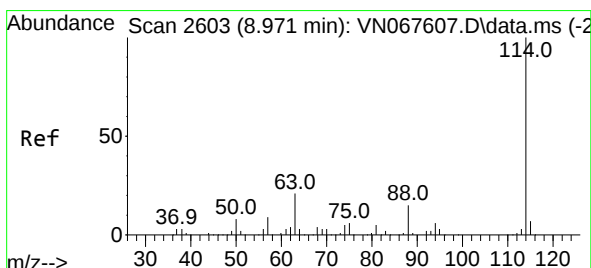
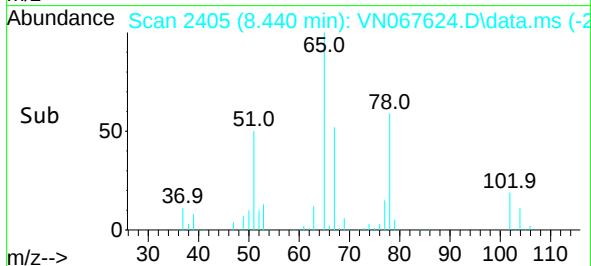
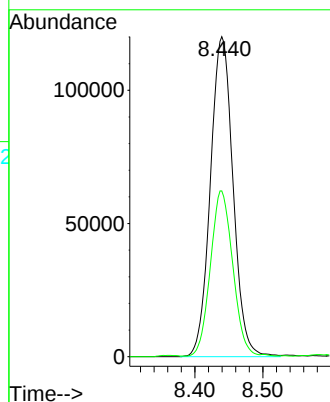
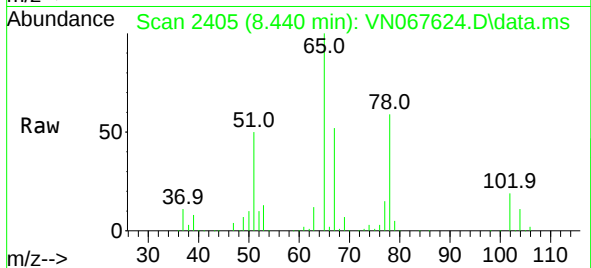
#33
1,2-Dichloroethane-d4
Concen: 49.058 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 65 Resp: 278800
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

Instrument :
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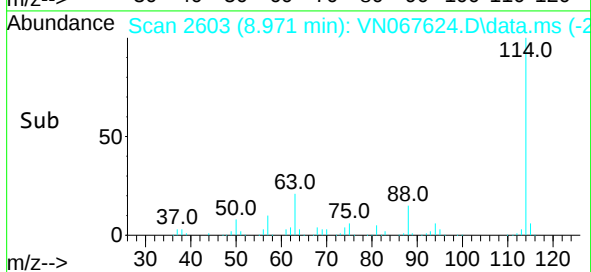
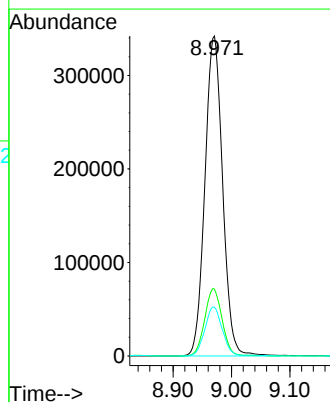
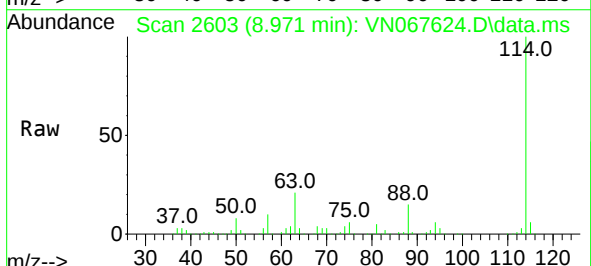
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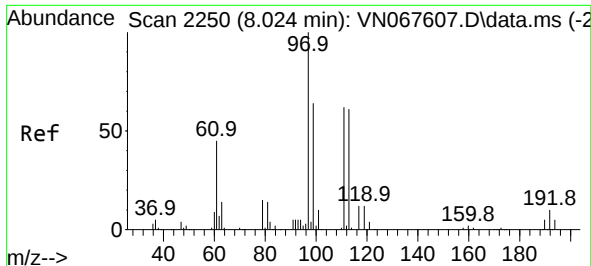
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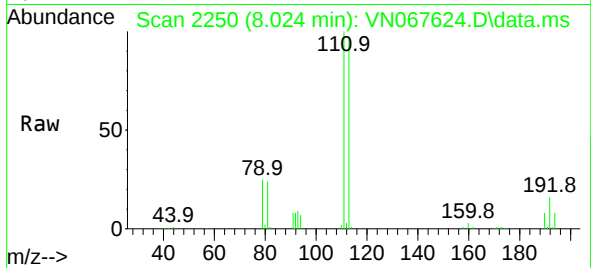
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067624.D
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Tgt Ion: 114 Resp: 720197
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.2 0.0 36.6

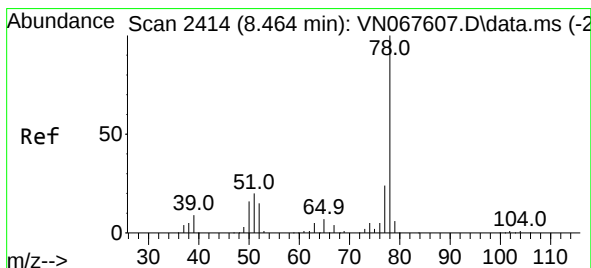
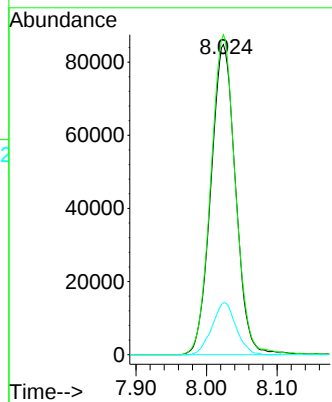
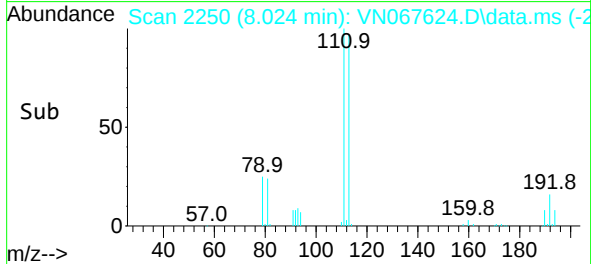




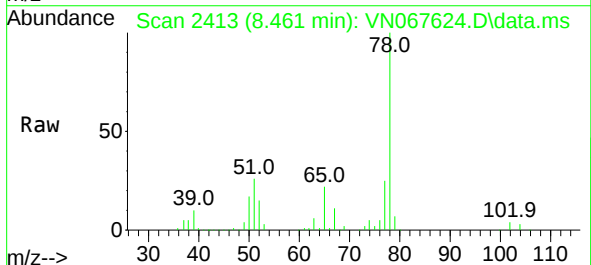
#35
Dibromofluoromethane
Concen: 46.153 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067624.D
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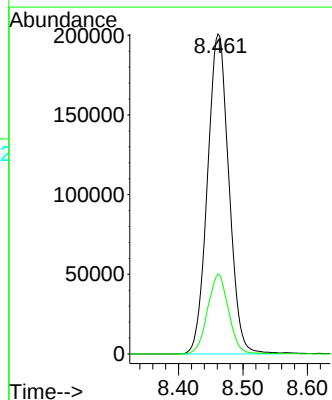
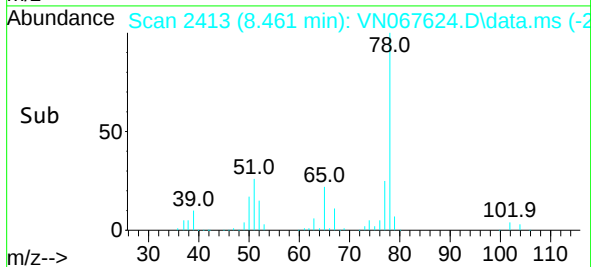
Tgt Ion:113 Resp: 205589
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 16.4 13.4 20.0



#40
Benzene
Concen: 23.039 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.003 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18



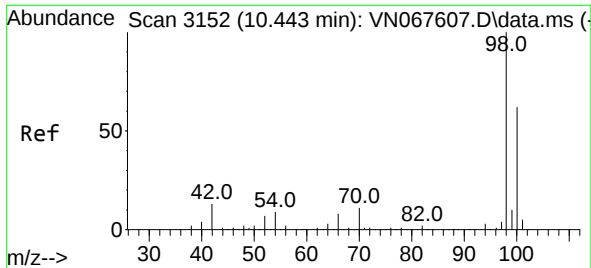
Tgt Ion: 78 Resp: 464308
Ion Ratio Lower Upper
78 100
77 25.0 18.9 28.3



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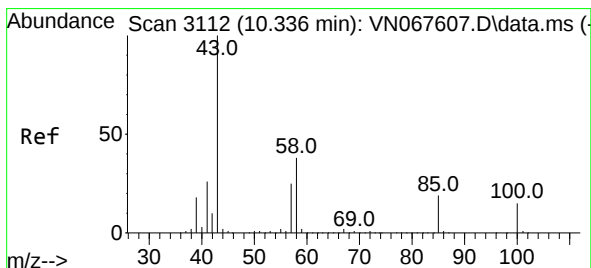
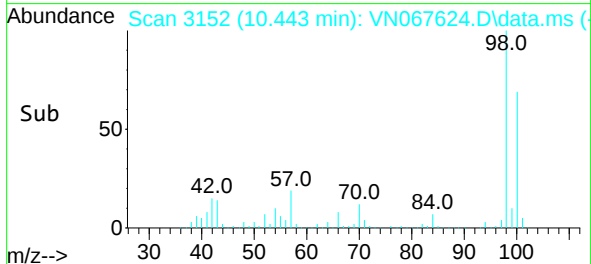
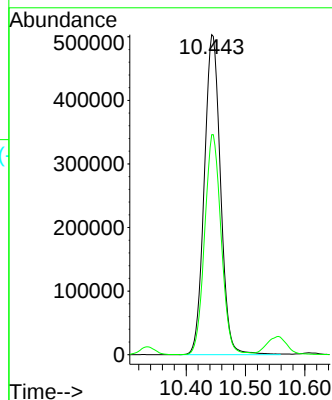
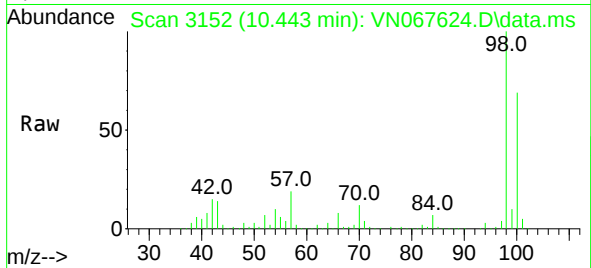
#50
Toluene-d8
Concen: 50.836 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 98 Resp: 955745
Ion Ratio Lower Upper
98 100
100 69.9 51.7 77.5

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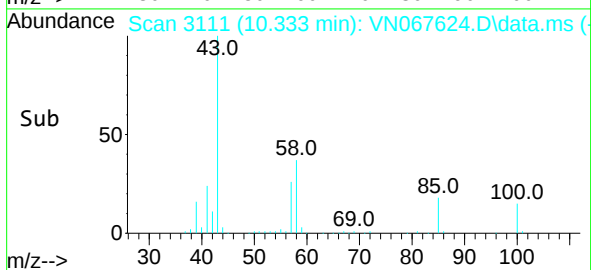
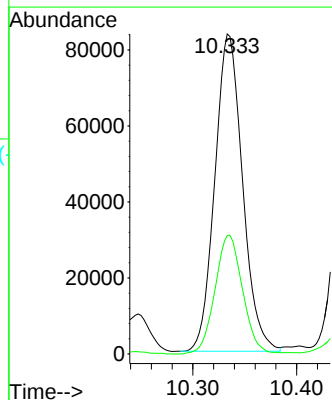
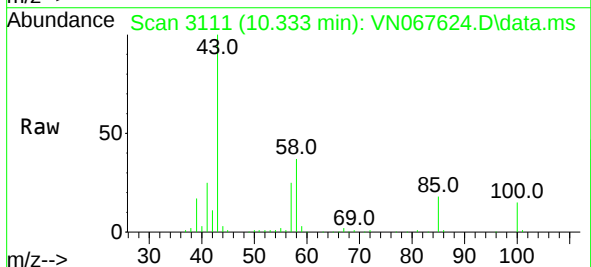
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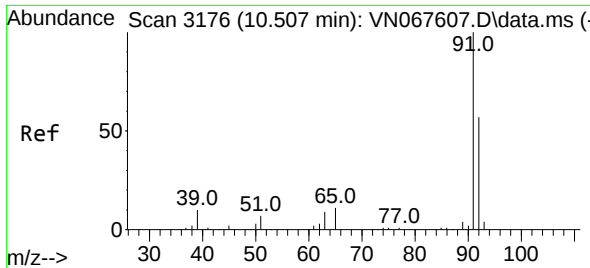
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#51
4-Methyl-2-Pentanone
Concen: 22.268 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 43 Resp: 154781
Ion Ratio Lower Upper
43 100
58 37.2 28.6 43.0





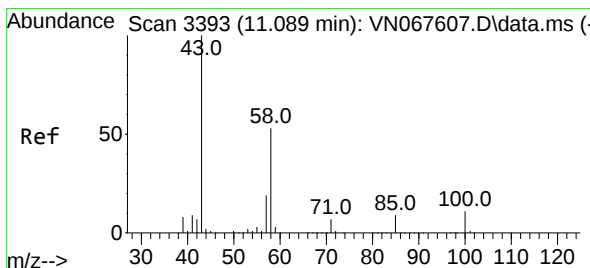
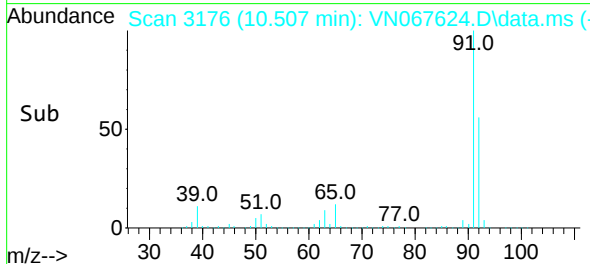
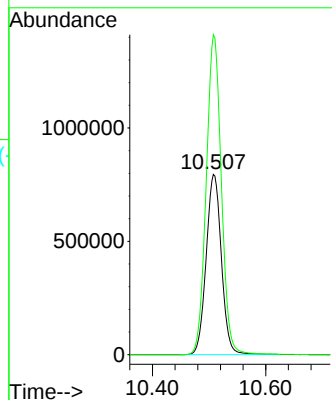
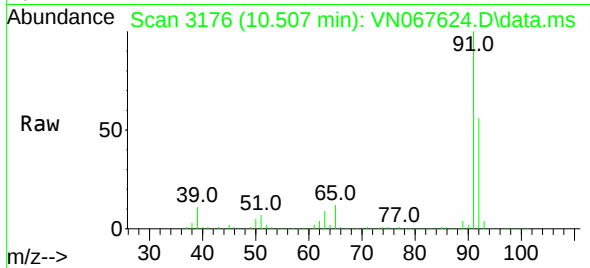
#52
Toluene
Concen: 110.596 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 92 Resp: 1484436
Ion Ratio Lower Upper
92 100
91 176.2 139.6 209.4

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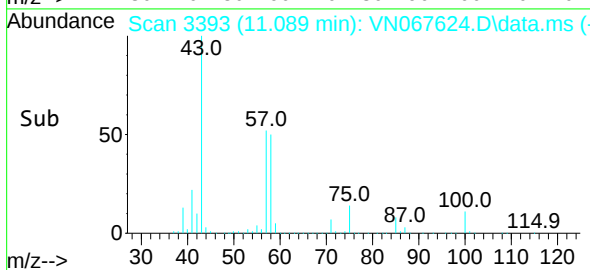
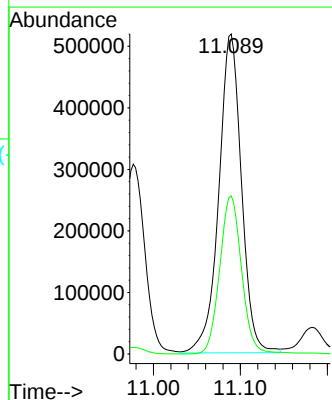
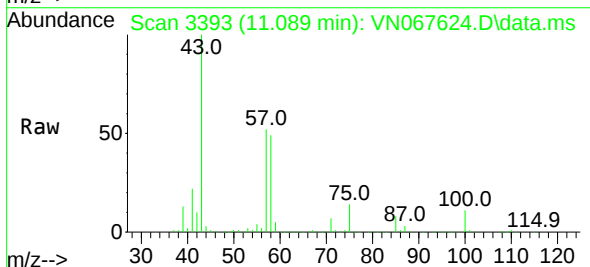
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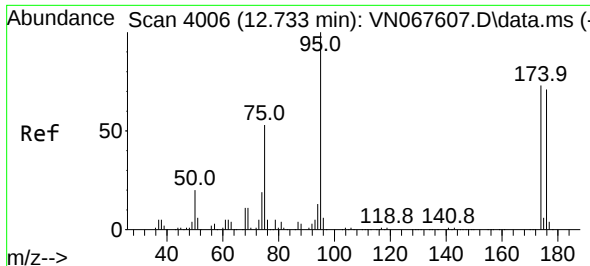
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#59
2-Hexanone
Concen: 192.764 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 43 Resp: 939180
Ion Ratio Lower Upper
43 100
58 48.0 24.7 74.1





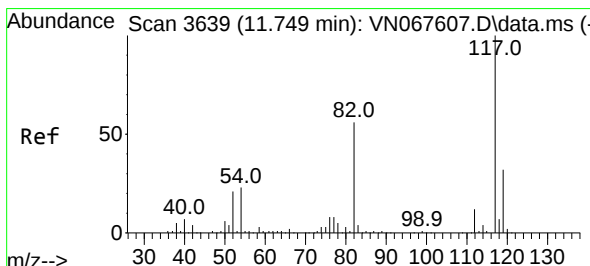
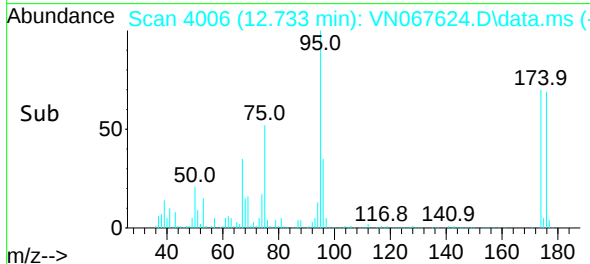
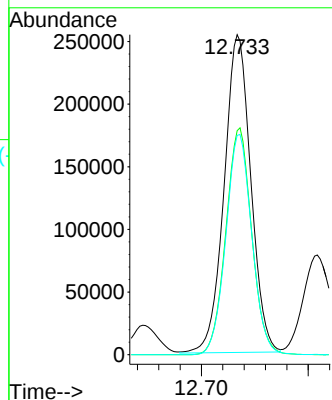
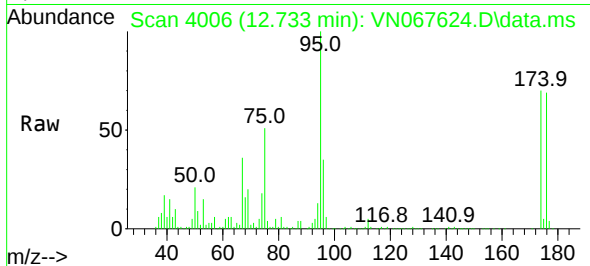
#62
4-Bromofluorobenzene
Concen: 65.519 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 95 Resp: 439424
Ion Ratio Lower Upper
95 100
174 69.3 0.0 122.0
176 67.6 0.0 117.6

Instrument :
MSVOA_N
ClientSampled :
FS-02RE

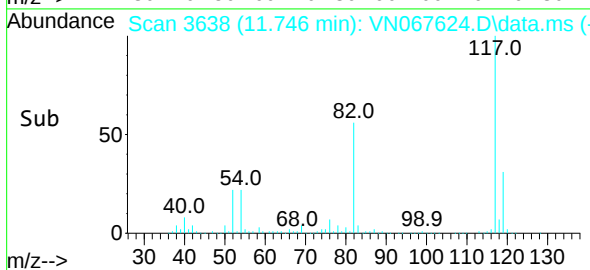
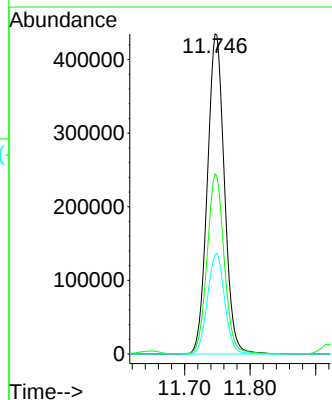
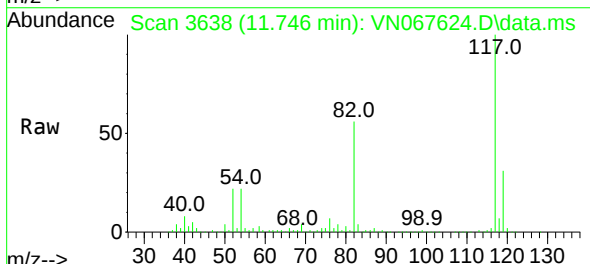
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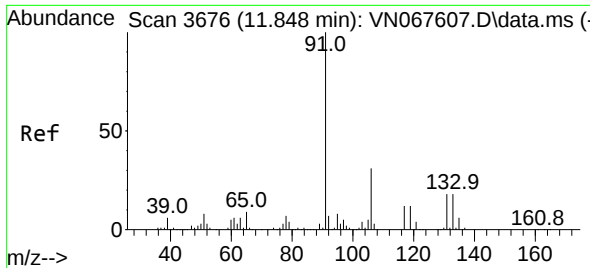
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 117 Resp: 783857
Ion Ratio Lower Upper
117 100
82 56.2 53.1 79.7
119 31.1 25.5 38.3





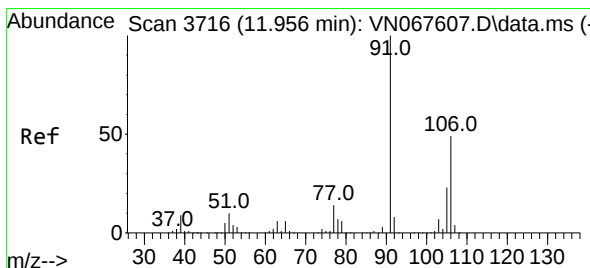
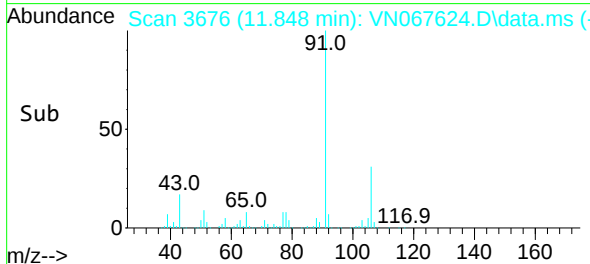
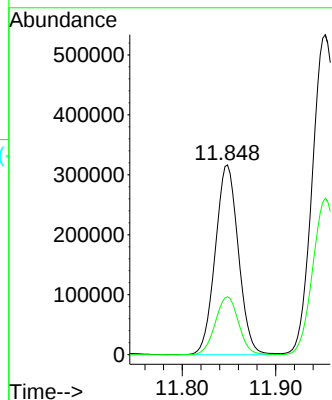
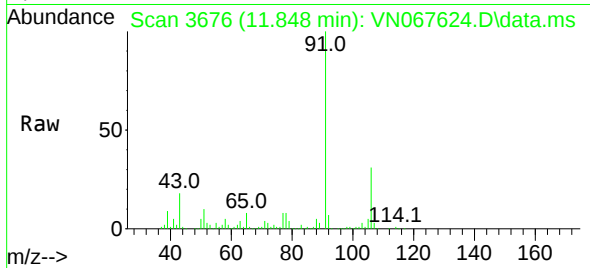
#67
Ethyl Benzene
Concen: 18.672 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

Tgt Ion: 91 Resp: 544187
Ion Ratio Lower Upper
91 100
106 30.6 23.4 35.0

Instrument :
MSVOA_N
ClientSampled :
FS-02RE

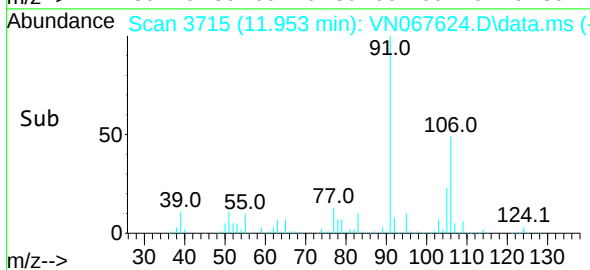
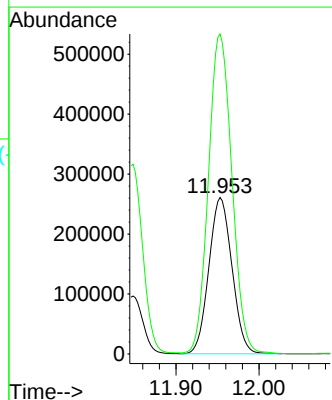
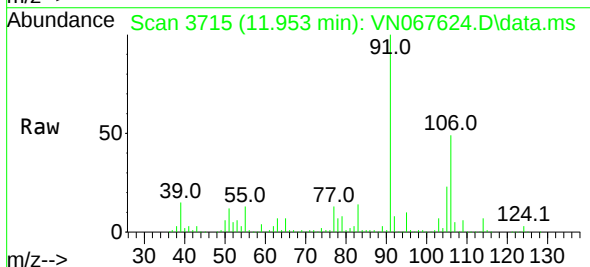
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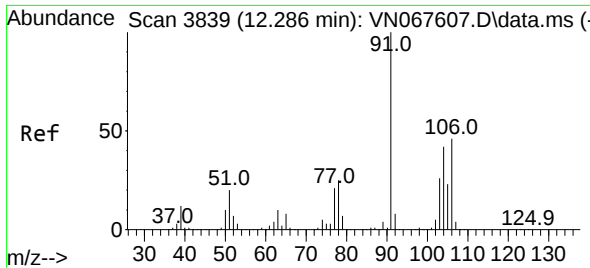
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#68
m/p-Xylenes
Concen: 45.172 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

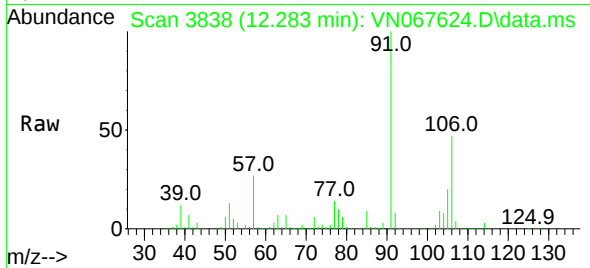
Tgt Ion:106 Resp: 504498
Ion Ratio Lower Upper
106 100
91 207.8 180.6 270.8





#69
o-Xylene
Concen: 29.828 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

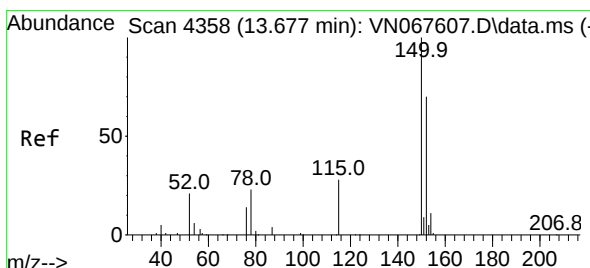
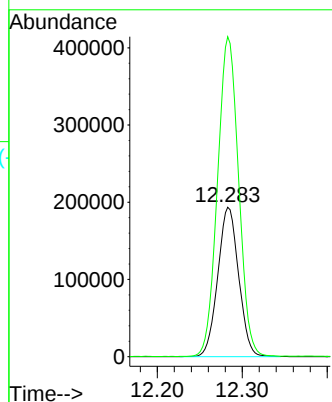
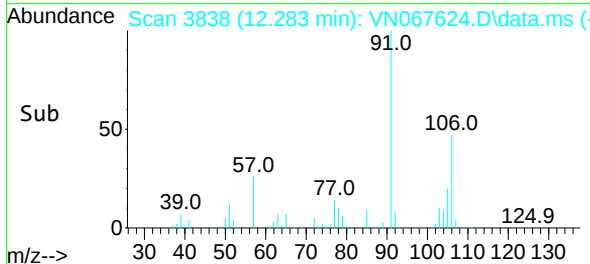
Instrument :
MSVOA_N
ClientSampled :
FS-02RE



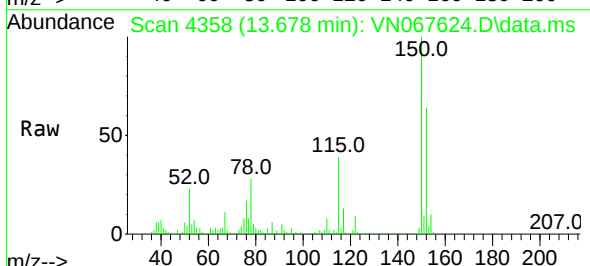
Tgt Ion:106 Resp: 329875
Ion Ratio Lower Upper
106 100
91 216.4 118.3 354.9

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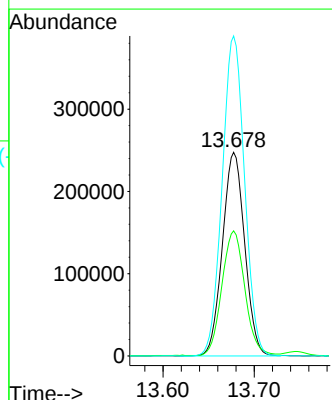
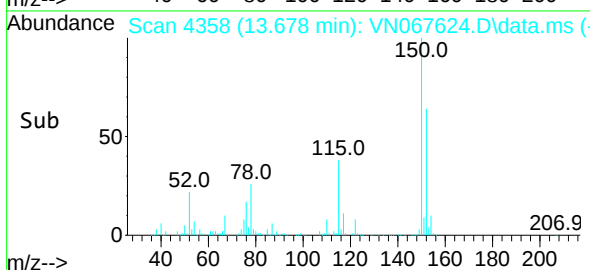
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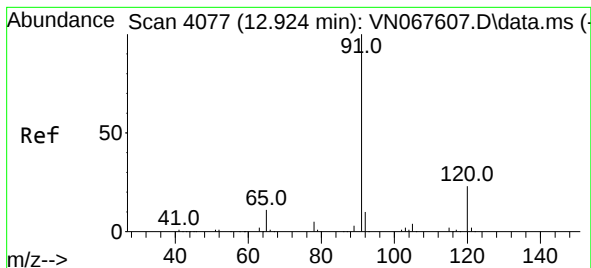


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18



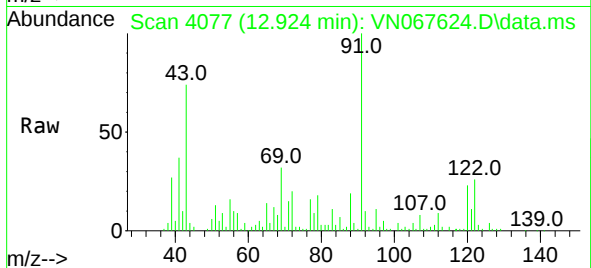
Tgt Ion:152 Resp: 420003
Ion Ratio Lower Upper
152 100
115 63.1 36.1 108.5
150 157.9 0.0 351.8





#78
n-propylbenzene
Concen: 1.566 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18

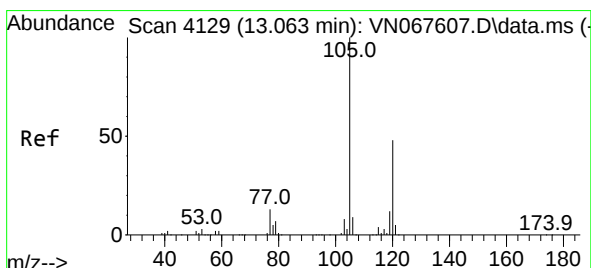
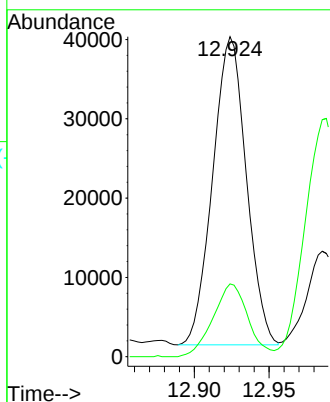
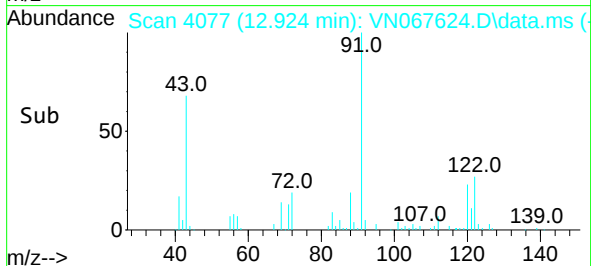
Instrument :
MSVOA_N
ClientSampled :
FS-02RE



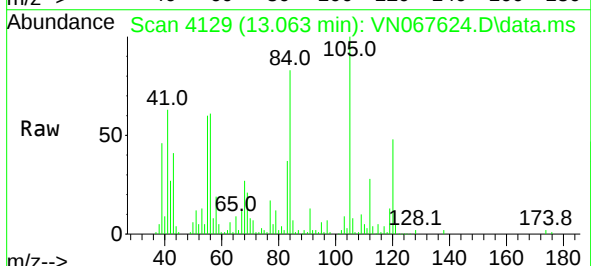
Tgt Ion: 91 Resp: 60773
Ion Ratio Lower Upper
91 100
120 24.6 10.4 31.4

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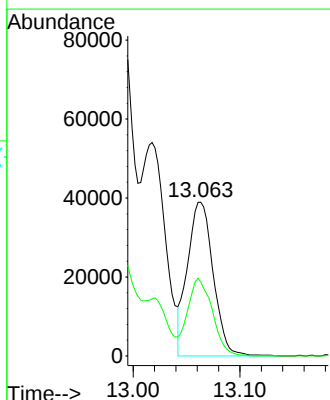
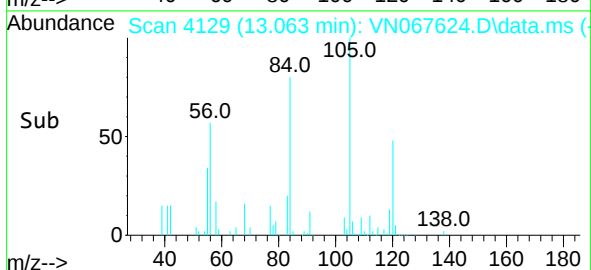
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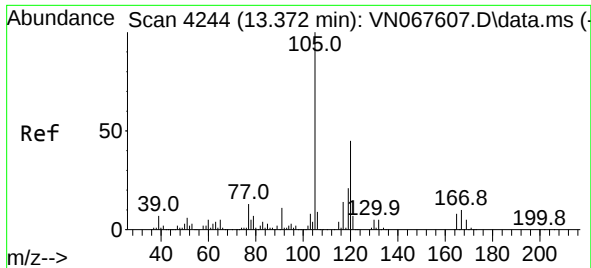


#80
1,3,5-Trimethylbenzene
Concen: 2.323 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.000 min
Lab File: VN067624.D
Acq: 2 Jul 2021 18:18



Tgt Ion: 105 Resp: 65459
Ion Ratio Lower Upper
105 100
120 48.3 22.2 66.6





#84
 1,2,4-Trimethylbenzene
 Concen: 9.008 ug/l
 RT: 13.372 min Scan# 4244
 Delta R.T. -0.000 min
 Lab File: VN067624.D
 Acq: 2 Jul 2021 18:18

Tgt Ion:105 Resp: 248399
 Ion Ratio Lower Upper
 105 100
 120 44.6 20.6 61.8

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-02RE

Manual Integrations
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