

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067042.D
 Acq On : 7 May 2021 5:10
 Operator : JC/MD
 Sample : M2293-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(MAY)

Manual Integrations
 APPROVED

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Quant Time: May 07 07:34:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.117	128	71538	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	326752	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	285983	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	183497	29.27	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.57%		
60) 4-Bromofluorobenzene	12.358	95	133933m	28.15	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.83%		
63) Toluene-d8	10.030	98	435239	30.72	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.40%		
Target Compounds						
15) Acetone	3.757	58	297849	448.42	ug/l	95
16) Carbon Disulfide	3.990	76	8660m	0.64	ug/l	
30) 2-Butanone	6.761	43	58932	21.51	ug/l #	94
58) 4-Methyl-2-Pentanone	9.931	43	16001	2.99	ug/l #	93
62) Toluene	10.097	91	7759	0.44	ug/l	96

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

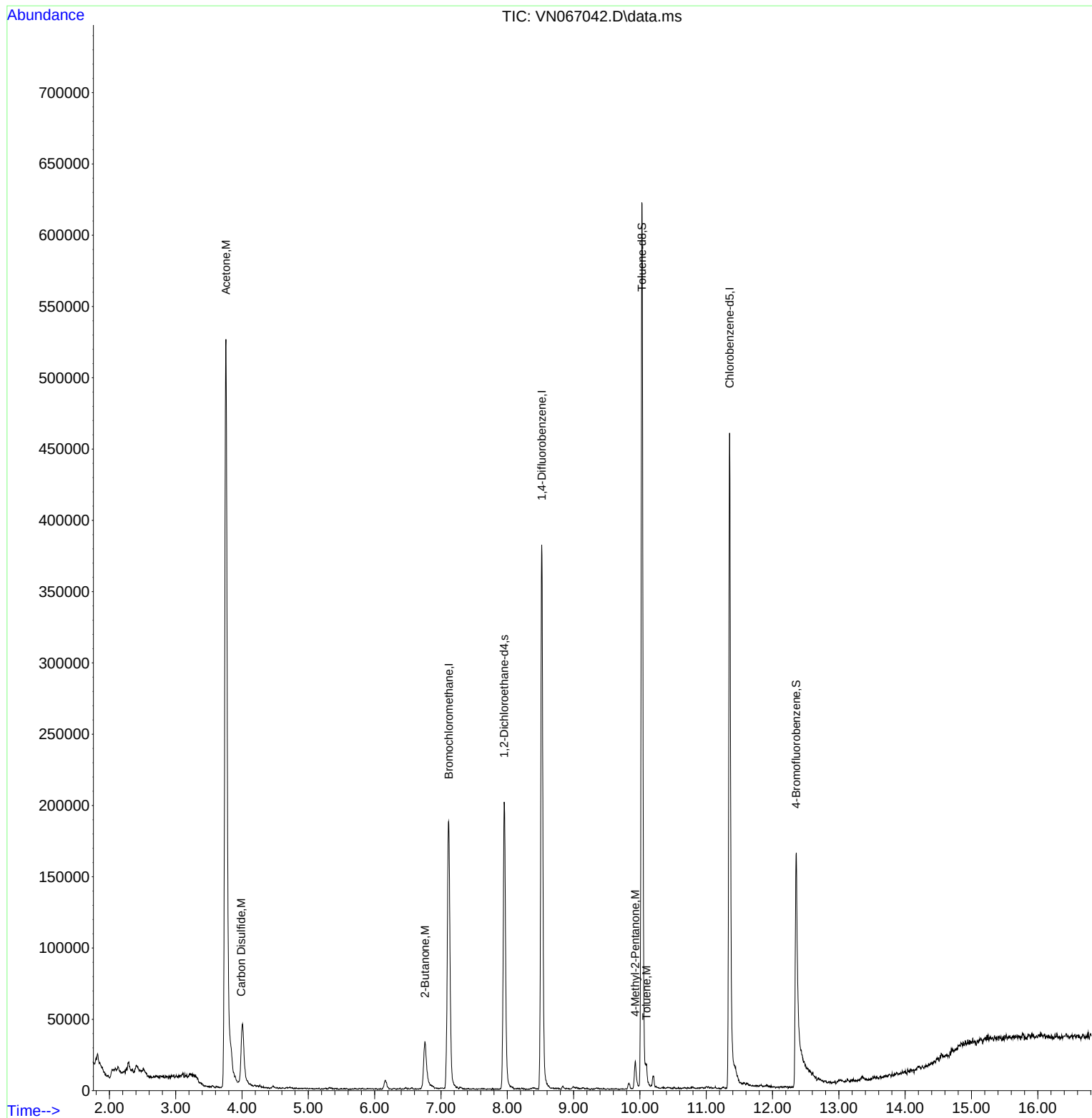
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
Data File : VN067042.D
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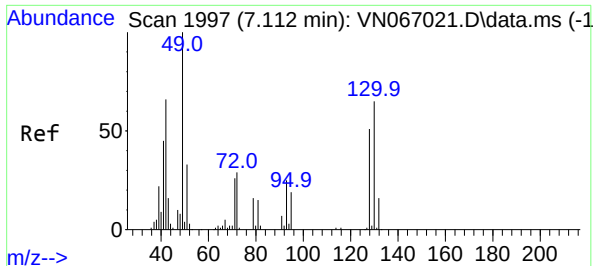
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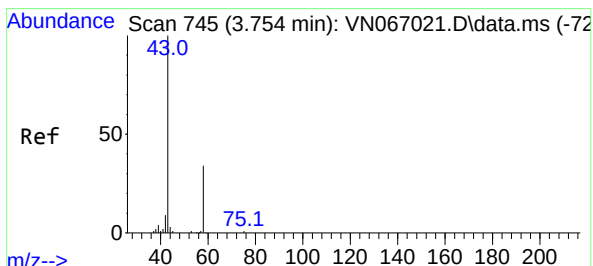
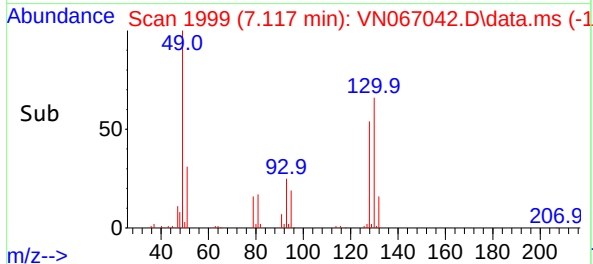
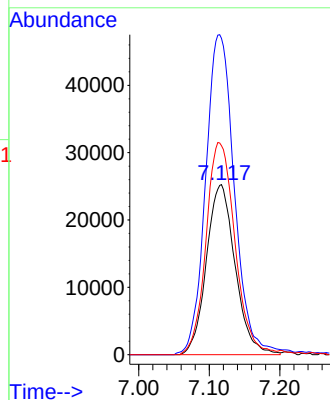
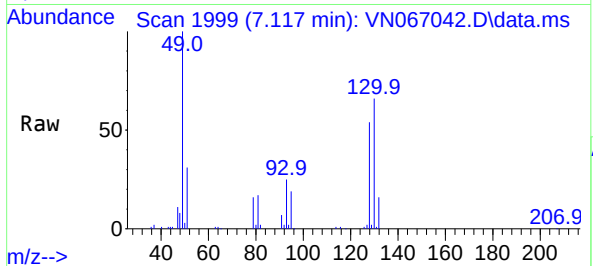
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.117 min Scan# 1999
Delta R.T. 0.005 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10

Tgt Ion:128 Resp: 71538
Ion Ratio Lower Upper
128 100
49 189.1 0.0 486.3
130 124.7 0.0 326.0

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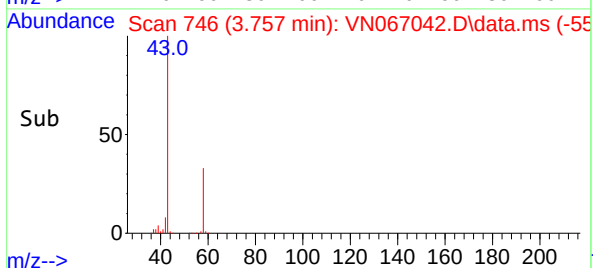
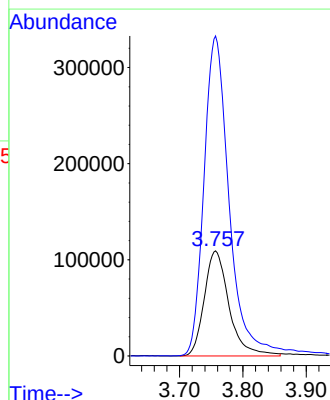
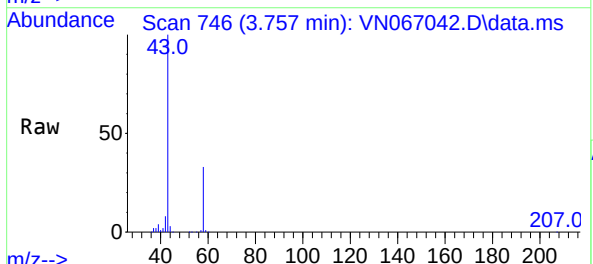
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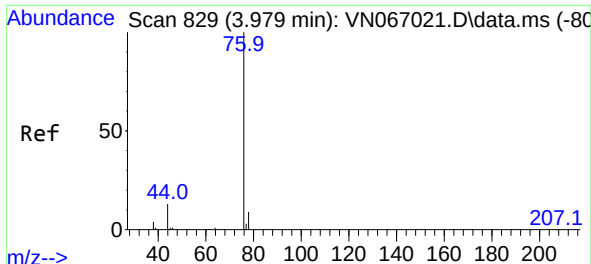
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#15
Acetone
Concen: 448.42 ug/l
RT: 3.757 min Scan# 746
Delta R.T. 0.003 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10

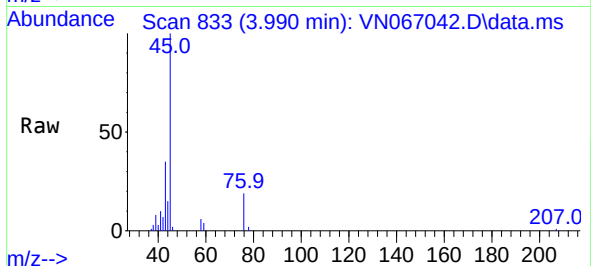
Tgt Ion: 58 Resp: 297849
Ion Ratio Lower Upper
58 100
43 303.9 235.0 352.6





#16
Carbon Disulfide
Concen: 0.64 ug/l m
RT: 3.990 min Scan# 833
Delta R.T. 0.011 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10

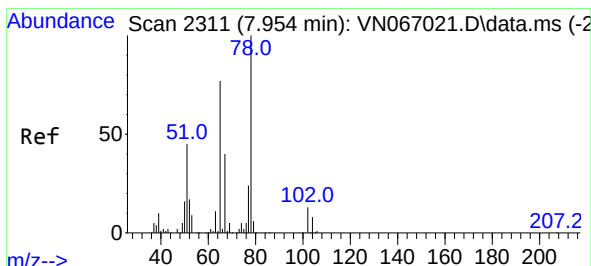
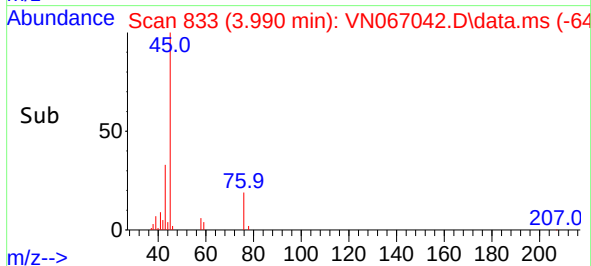
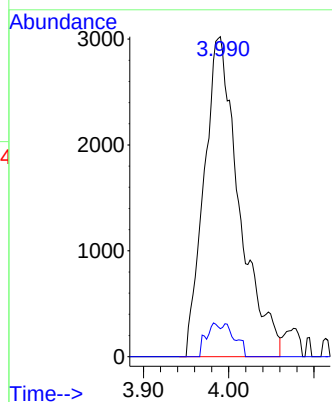
Instrument :
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Tgt Ion: 76 Resp: 8660
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

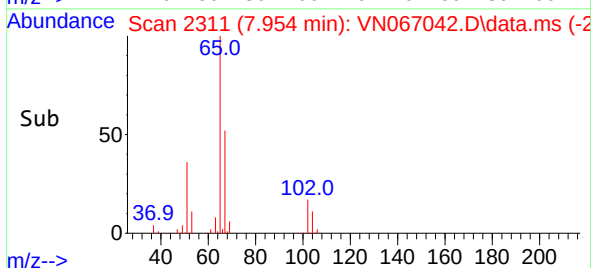
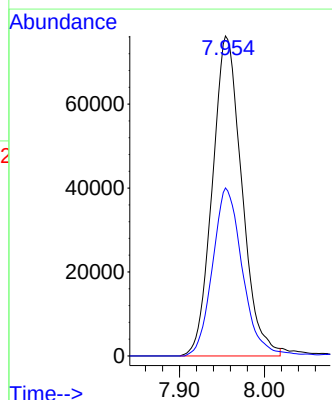
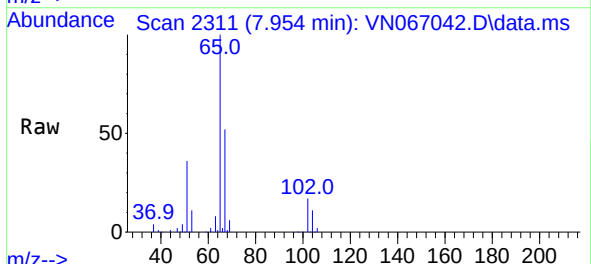
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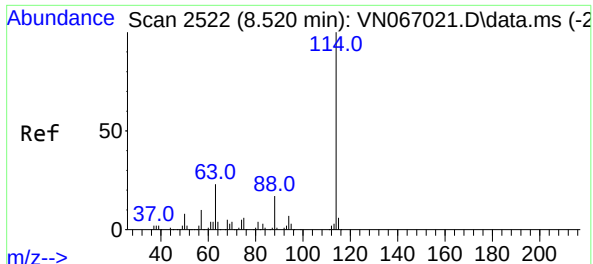
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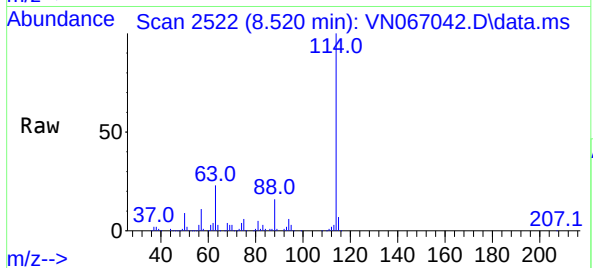
#27
1,2-Dichloroethane-d4
Concen: 29.27 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10

Tgt Ion: 65 Resp: 183497
Ion Ratio Lower Upper
65 100
67 53.3 41.6 62.4

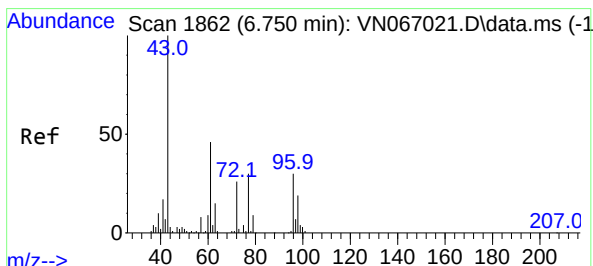
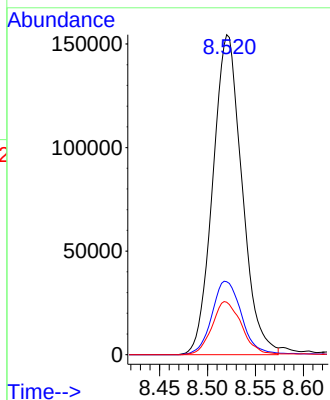
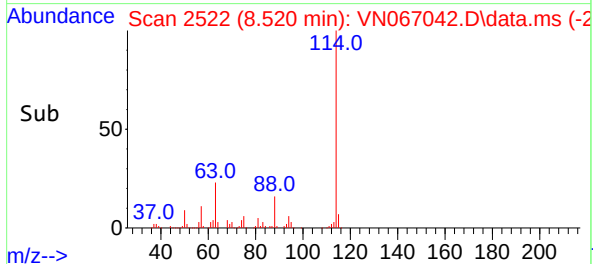




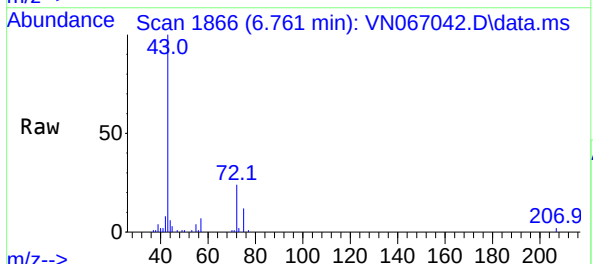
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10



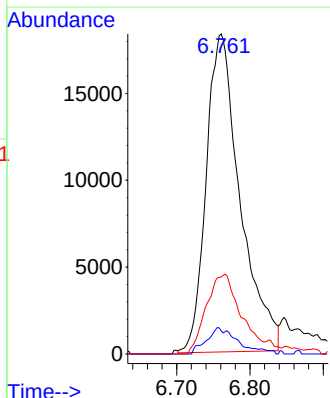
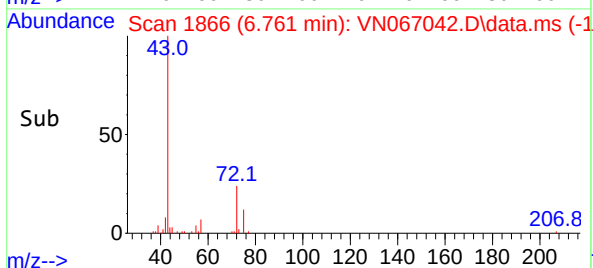
Tgt Ion: 114 Resp: 326752
Ion Ratio Lower Upper
114 100
63 23.5 18.8 28.2
88 16.8 13.8 20.6



#30
2-Butanone
Concen: 21.51 ug/l
RT: 6.761 min Scan# 1866
Delta R.T. 0.011 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10



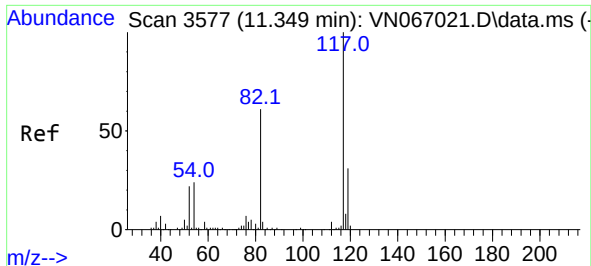
Tgt Ion: 43 Resp: 58932
Ion Ratio Lower Upper
43 100
57 2.2 6.5 9.7#
72 25.4 21.2 31.8



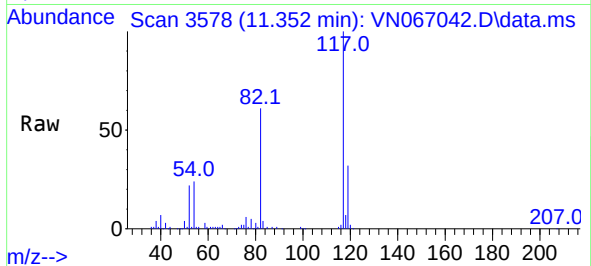
Instrument :
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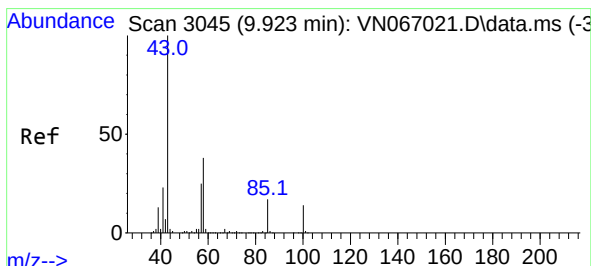
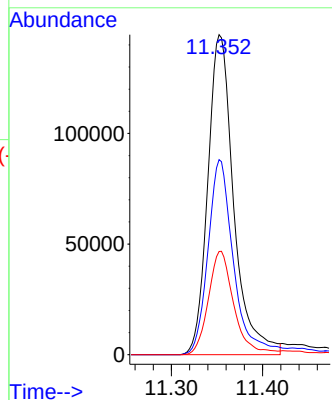
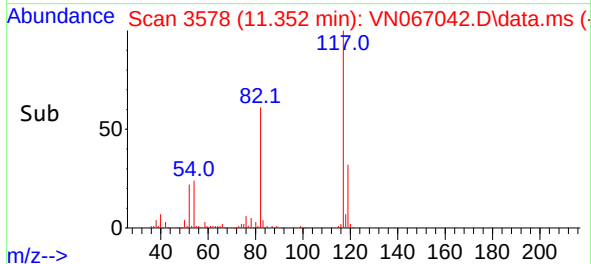
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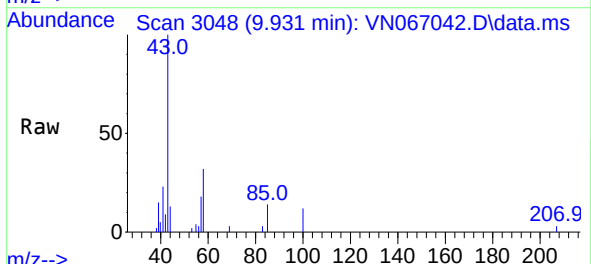
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10



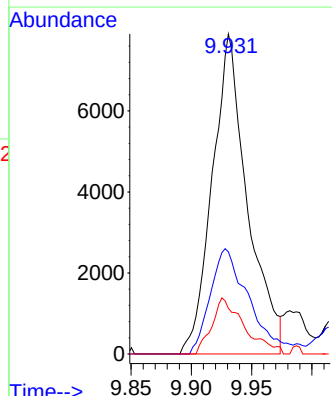
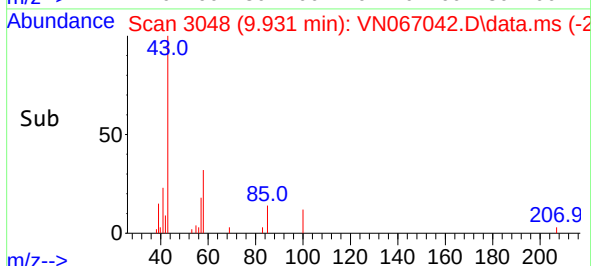
Tgt Ion: 117 Resp: 285983
Ion Ratio Lower Upper
117 100
82 60.5 49.3 73.9
119 31.0 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 2.99 ug/l
RT: 9.931 min Scan# 3048
Delta R.T. 0.008 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10



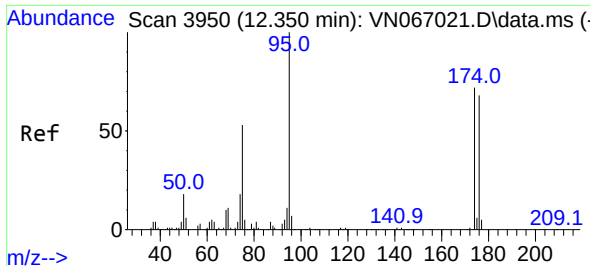
Tgt Ion: 43 Resp: 16001
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6
85 10.3 13.4 20.0#



Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(MAY)

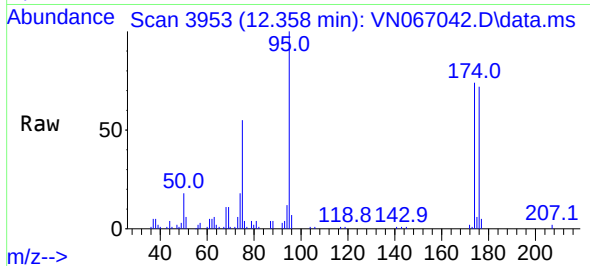
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#60
4-Bromofluorobenzene
Concen: 28.15 ug/l m
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10

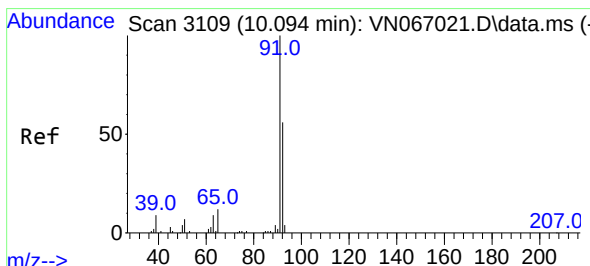
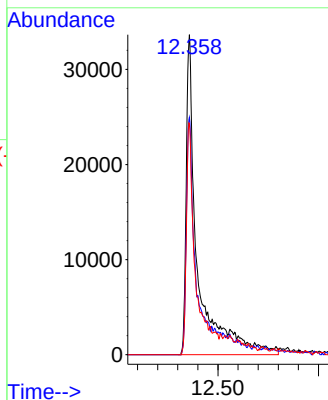
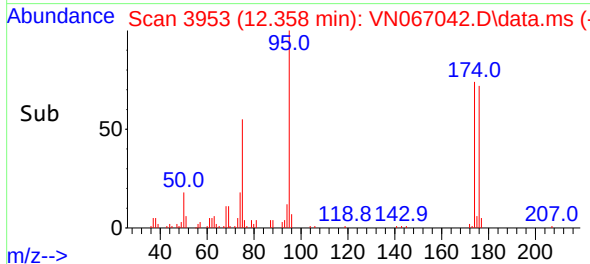
Instrument :
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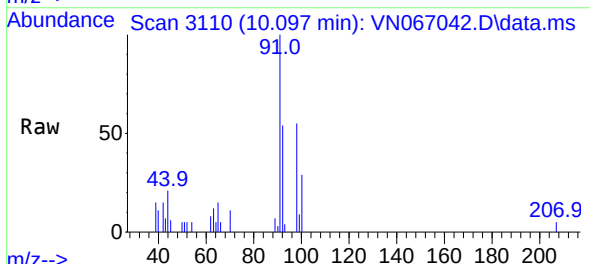
Tgt Ion: 95 Resp: 133933
Ion Ratio Lower Upper
95 100
174 43.2 57.2 85.8#
176 45.1 54.5 81.7#

Manual Integrations
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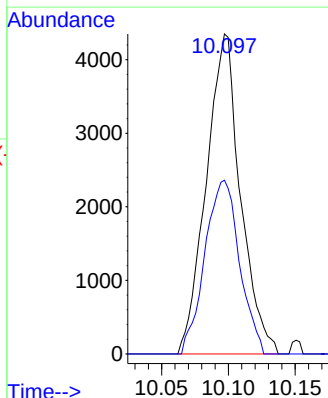
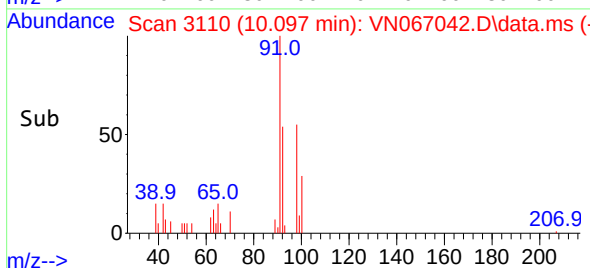
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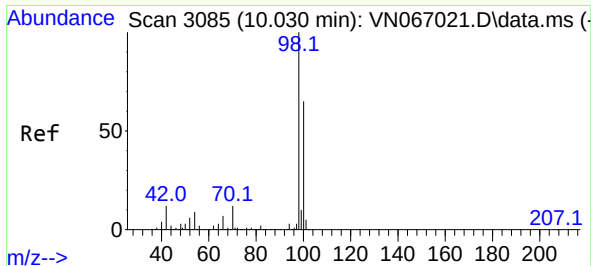


#62
Toluene
Concen: 0.44 ug/l
RT: 10.097 min Scan# 3110
Delta R.T. 0.003 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10



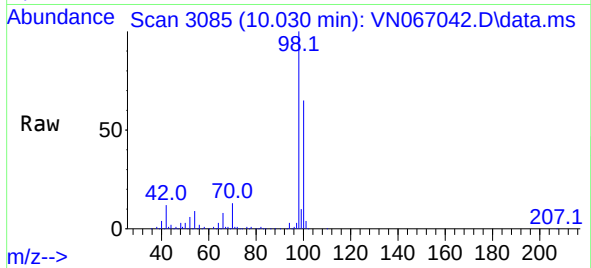
Tgt Ion: 91 Resp: 7759
Ion Ratio Lower Upper
91 100
92 54.9 46.2 69.2





#63
Toluene-d8
Concen: 30.72 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN067042.D
Acq: 7 May 2021 5:10

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)



Tgt Ion: 98 Resp: 435239
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

Manual Integrations
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