

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067555.D
 Acq On : 29 Jun 2021 16:05
 Operator : JC/MD
 Sample : M2849-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1613

Manual Integrations
 APPROVED

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Quant Time: Jun 29 16:41:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	167067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	303690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	294797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	114145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	125453	54.868	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.740%			
35) Dibromofluoromethane	8.024	113	92199	48.967	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.940%			
50) Toluene-d8	10.443	98	419988	54.910	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.820%			
62) 4-Bromofluorobenzene	12.733	95	135300	50.642	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.280%			
Target Compounds					Qvalue	
16) Acetone	4.296	43	29884	39.625	ug/l	100
25) 2-Butanone	7.356	43	12609m	10.841	ug/l	
29) Tetrahydrofuran	7.691	42	2977m	3.844	ug/l	
51) 4-Methyl-2-Pentanone	10.338	43	2759	1.063	ug/l	95
52) Toluene	10.510	92	10475	1.931	ug/l	94
68) m/p-Xylenes	11.953	106	14100	3.354	ug/l	83
69) o-Xylene	12.283	106	11605	2.787	ug/l	90
80) 1,3,5-Trimethylbenzene	13.063	105	20437	2.598	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	90962	11.744	ug/l	98
95) Naphthalene	15.507	128	53012	12.001	ug/l	99

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

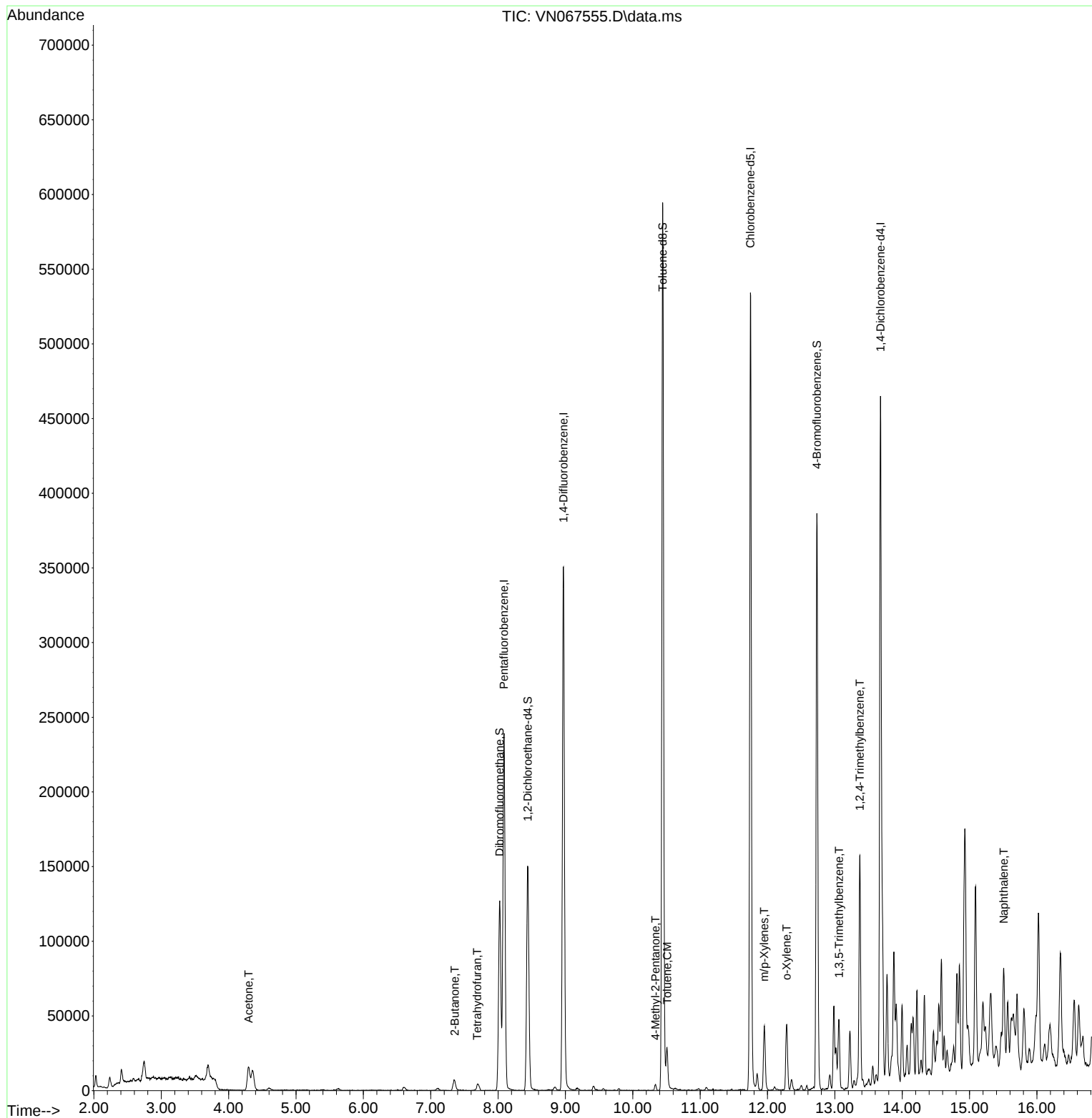
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Data File : VN067555.D
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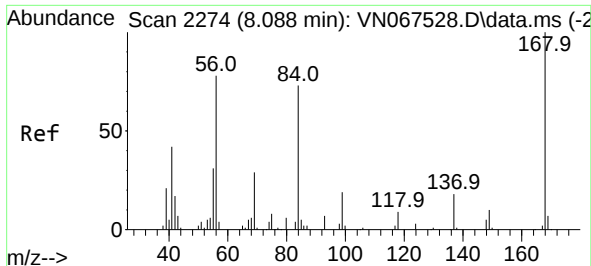
Instrument :
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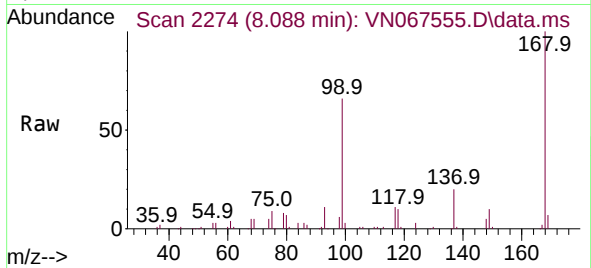
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Quant Time: Jun 29 16:41:28 2021
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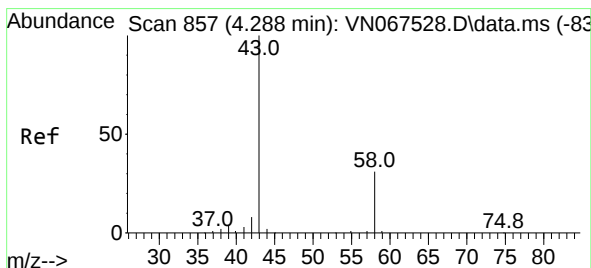
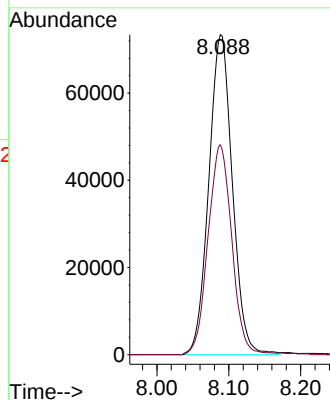
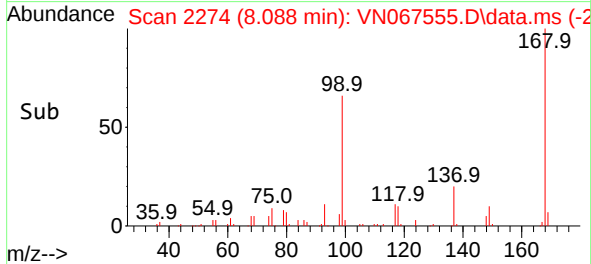




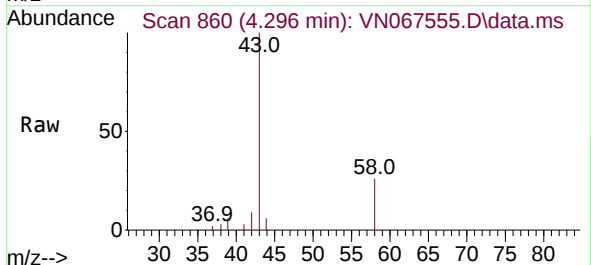
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067555.D
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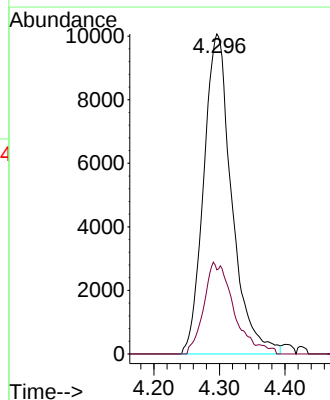
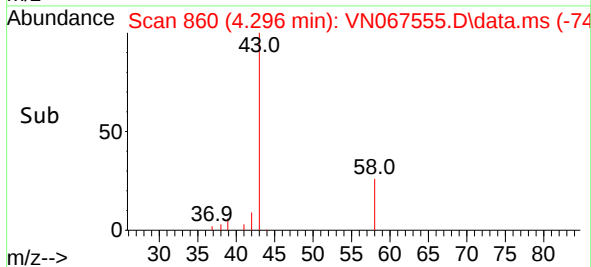
Tgt Ion:168 Resp: 167067
Ion Ratio Lower Upper
168 100
99 65.6 62.9 94.3



#16
Acetone
Concen: 39.625 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05



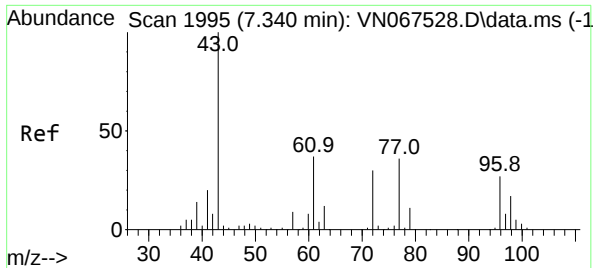
Tgt Ion: 43 Resp: 29884
Ion Ratio Lower Upper
43 100
58 26.3 21.2 31.8



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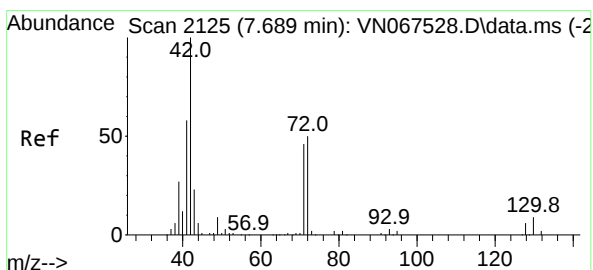
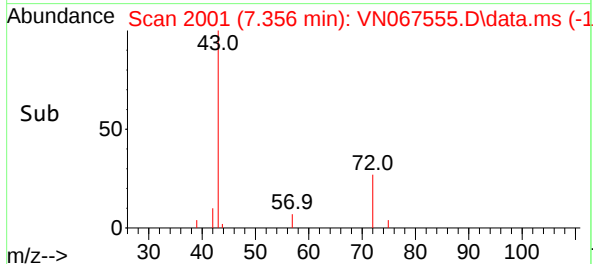
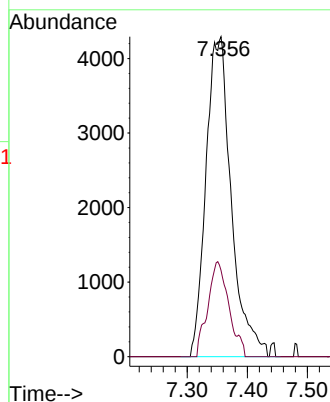
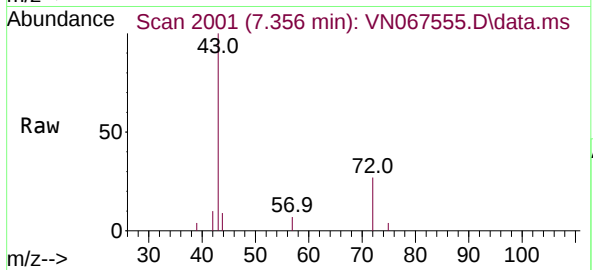
#25
2-Butanone
Concen: 10.841 ug/l m
RT: 7.356 min Scan# 2001
Delta R.T. 0.016 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion: 43 Resp: 12609
Ion Ratio Lower Upper
43 100
72 27.0 19.7 29.5

Instrument :
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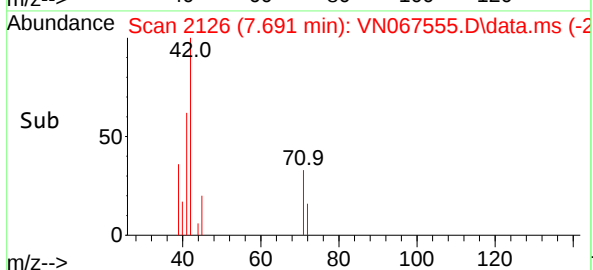
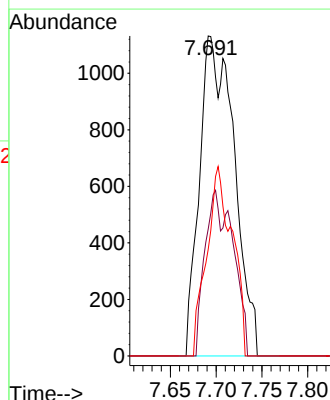
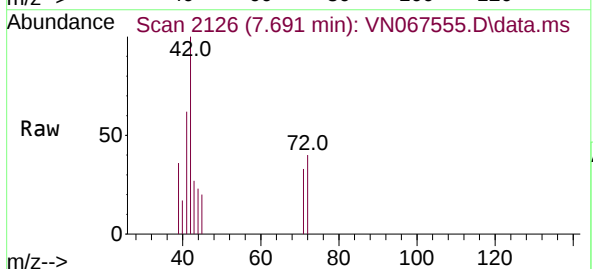
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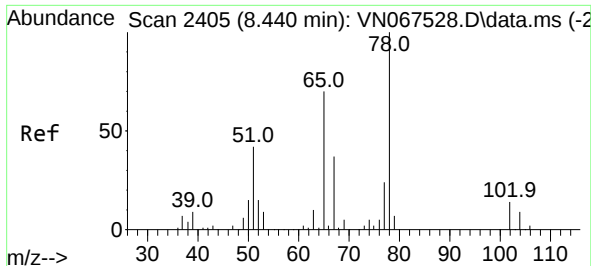
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#29
Tetrahydrofuran
Concen: 3.844 ug/l m
RT: 7.691 min Scan# 2126
Delta R.T. 0.002 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion: 42 Resp: 2977
Ion Ratio Lower Upper
42 100
72 22.9 32.8 49.2#
71 43.8 31.2 46.8





#33

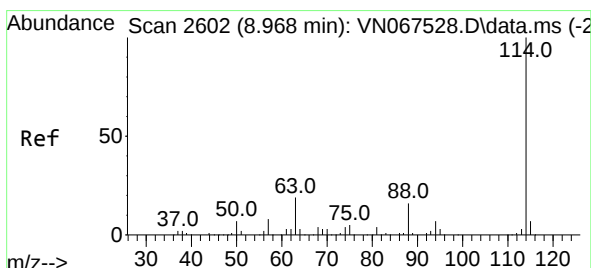
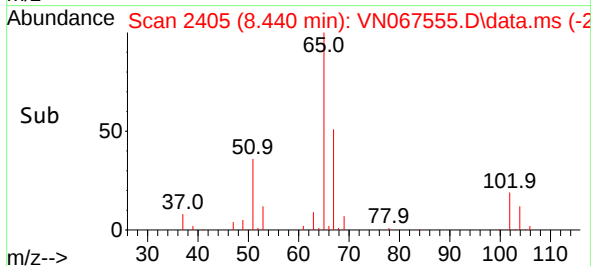
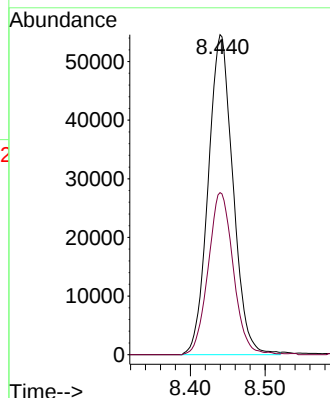
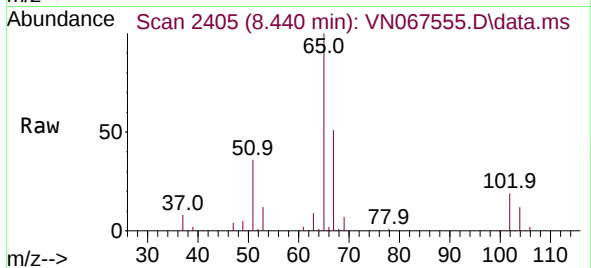
1,2-Dichloroethane-d4
Concen: 54.868 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion: 65 Resp: 125453
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6

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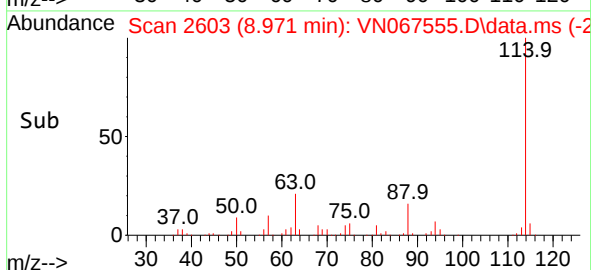
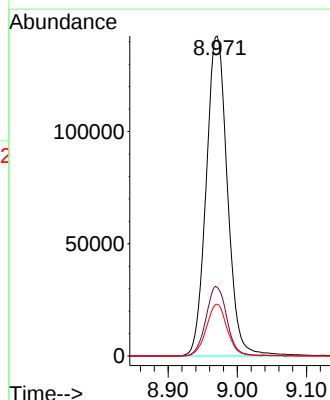
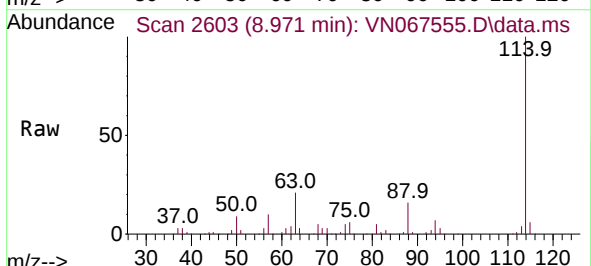
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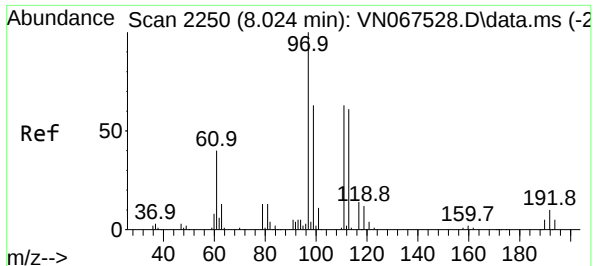


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion: 114 Resp: 303690
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.0
88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.967 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067555.D

Acq: 29 Jun 2021 16:05

Tgt Ion:	113	Resp:	92199
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.8
192	15.8	13.4	20.0

Instrument :

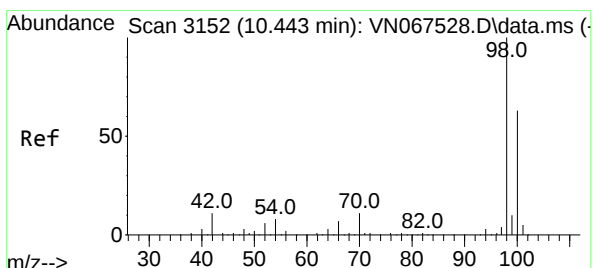
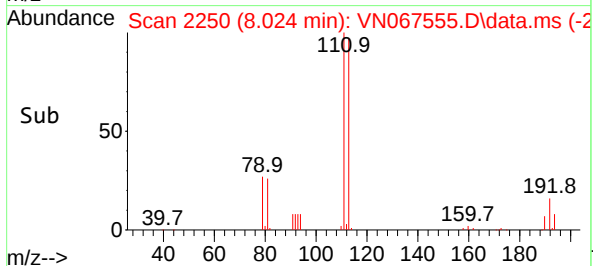
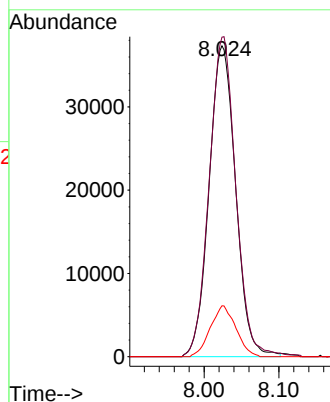
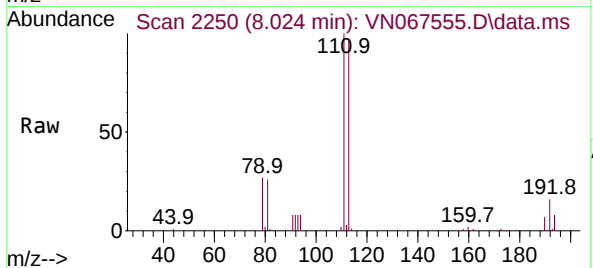
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#50

Toluene-d8

Concen: 54.910 ug/l

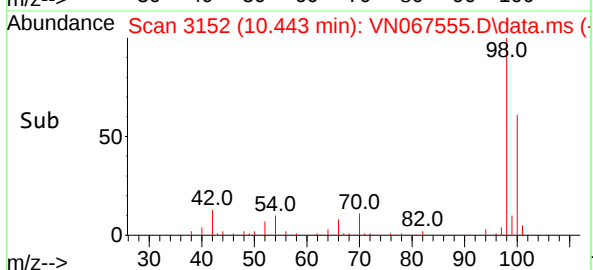
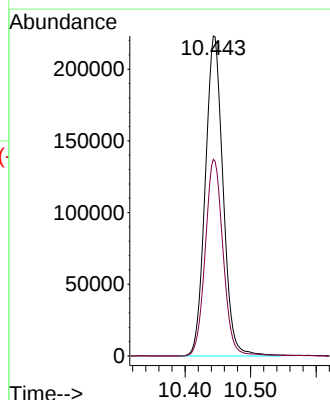
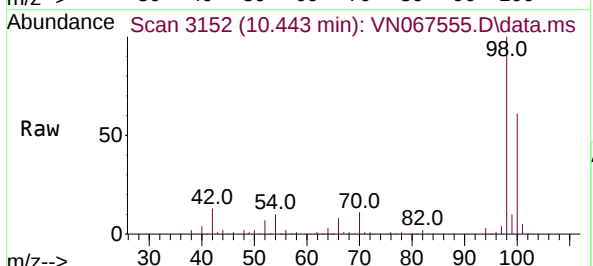
RT: 10.443 min Scan# 3152

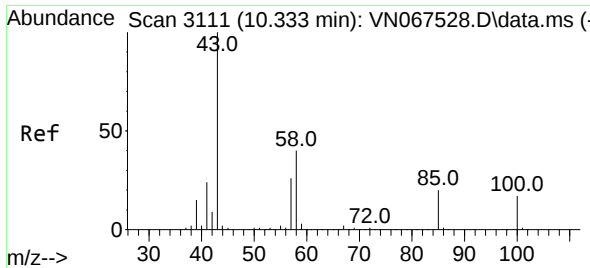
Delta R.T. 0.000 min

Lab File: VN067555.D

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Tgt Ion:	98	Resp:	419988
Ion	Ratio	Lower	Upper
98	100		
100	61.7	51.7	77.5





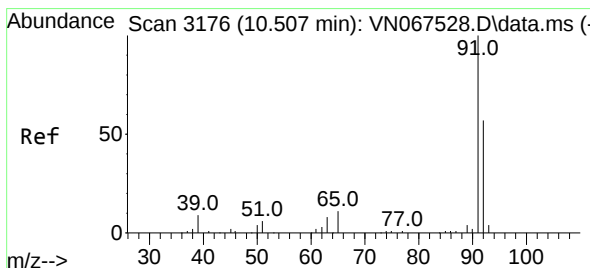
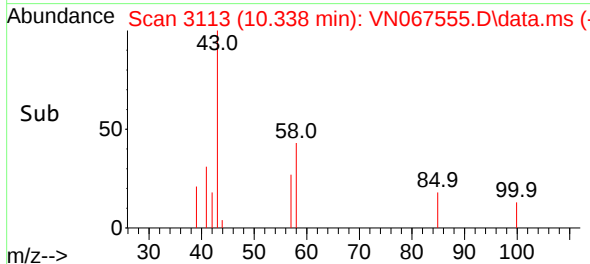
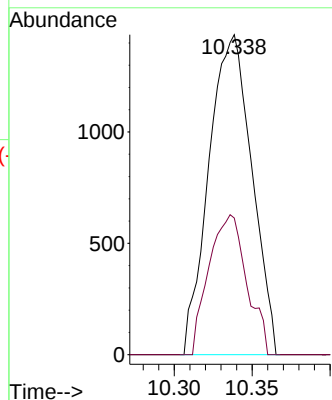
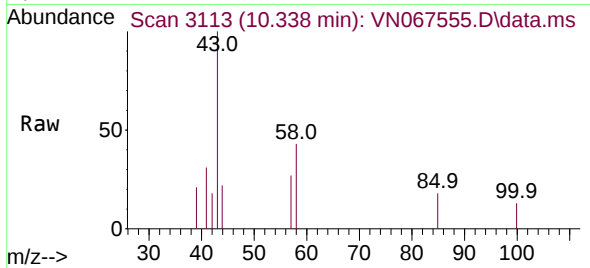
#51
4-Methyl-2-Pentanone
Concen: 1.063 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion: 43 Resp: 2759
Ion Ratio Lower Upper
43 100
58 38.5 28.6 43.0

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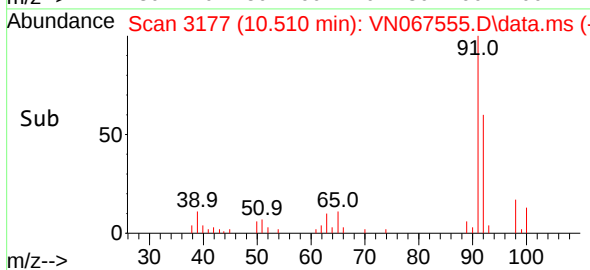
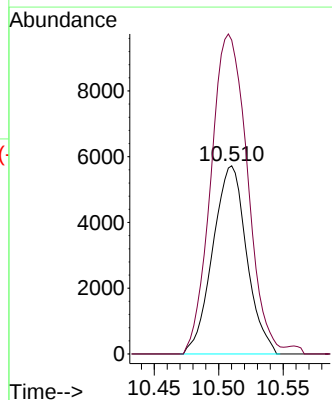
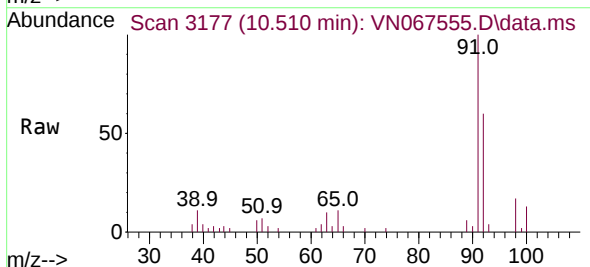
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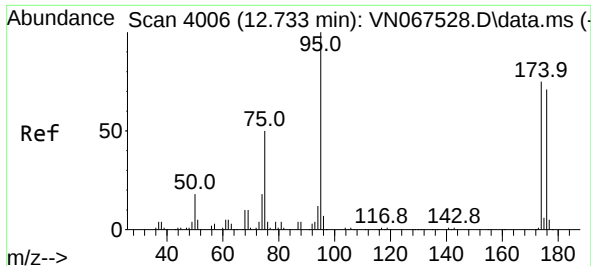
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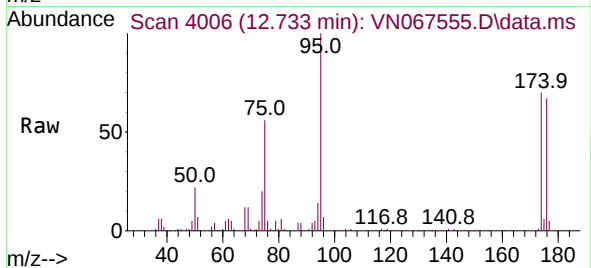
#52
Toluene
Concen: 1.931 ug/l
RT: 10.510 min Scan# 3177
Delta R.T. 0.003 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion: 92 Resp: 10475
Ion Ratio Lower Upper
92 100
91 182.8 139.6 209.4

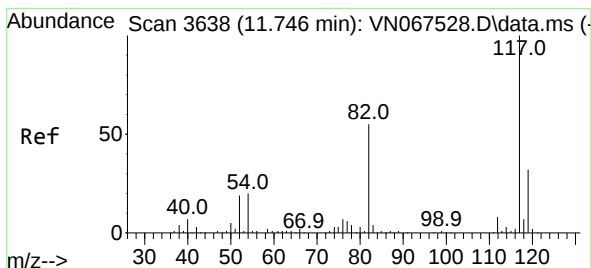
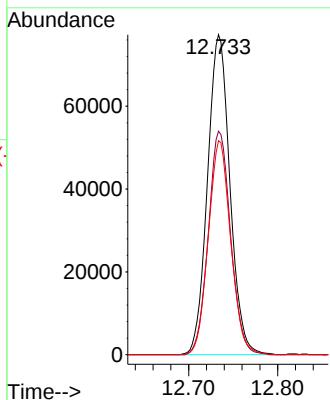
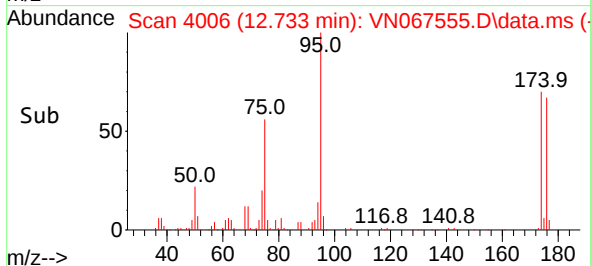




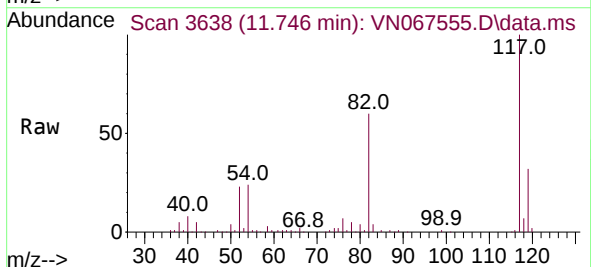
#62
4-Bromofluorobenzene
Concen: 50.642 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05



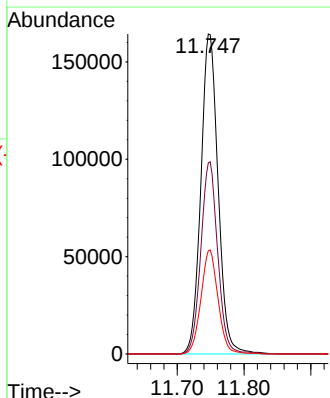
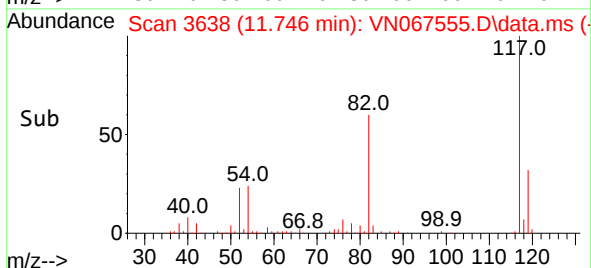
Tgt Ion: 95 Resp: 135300
Ion Ratio Lower Upper
95 100
174 69.6 0.0 122.0
176 66.6 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05



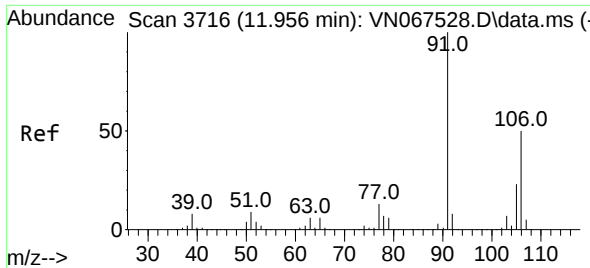
Tgt Ion: 117 Resp: 294797
Ion Ratio Lower Upper
117 100
82 59.7 53.1 79.7
119 32.2 25.5 38.3



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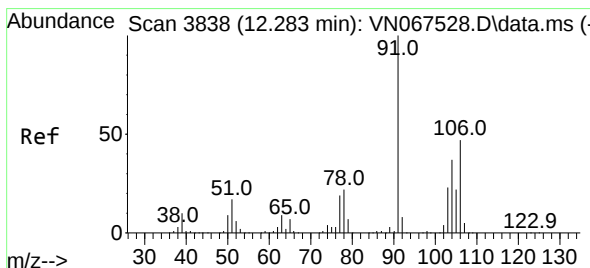
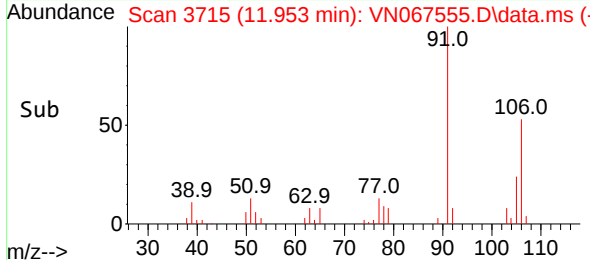
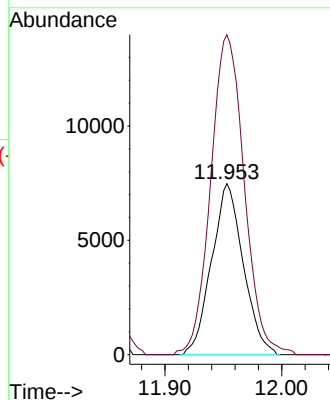
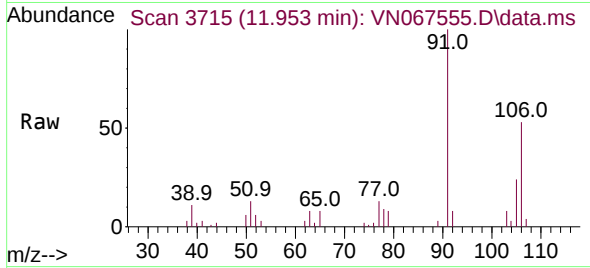
#68
m/p-Xylenes
Concen: 3.354 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion:106 Resp: 14100
Ion Ratio Lower Upper
106 100
91 198.1 180.6 270.8

Instrument :
MSVOA_N
ClientSampleId :
NWB-1613

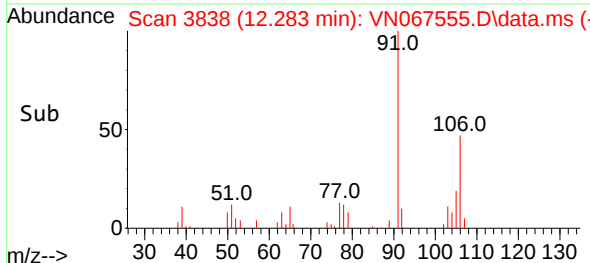
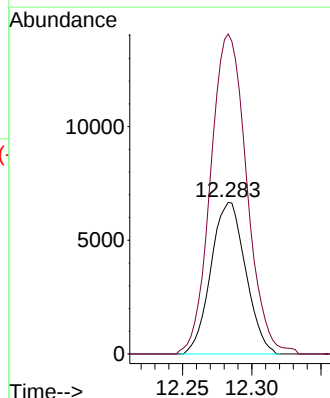
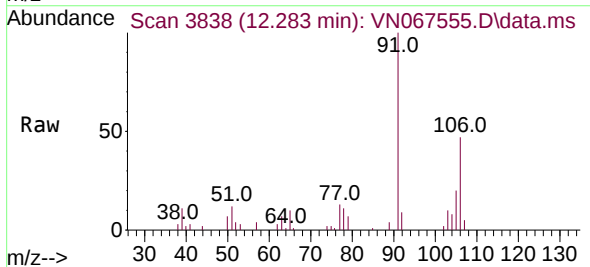
Manual Integrations
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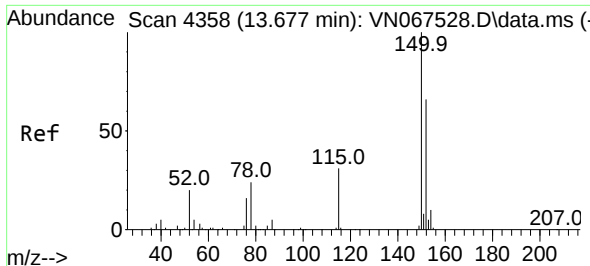
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#69
o-Xylene
Concen: 2.787 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

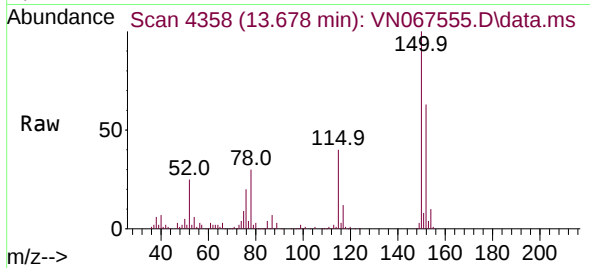
Tgt Ion:106 Resp: 11605
Ion Ratio Lower Upper
106 100
91 219.6 118.3 354.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

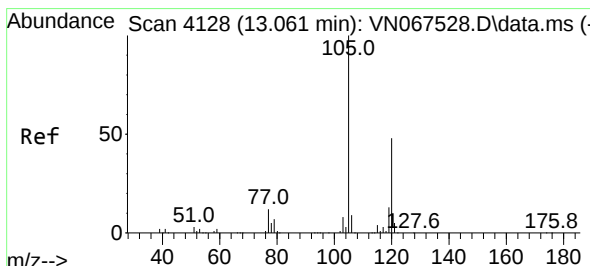
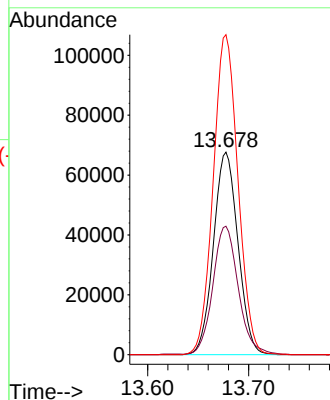
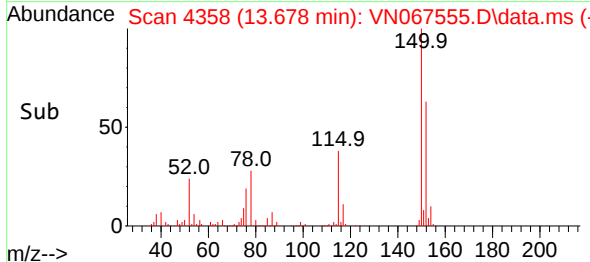
Instrument :
MSVOA_N
ClientSampleId :
NWB-1613



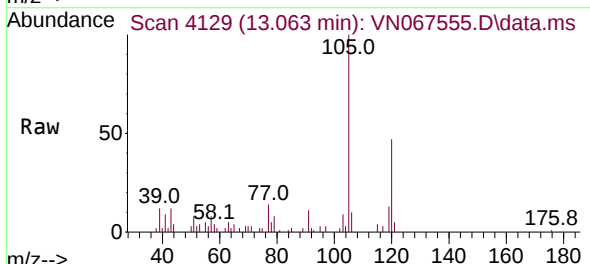
Tgt Ion:152 Resp: 114145
Ion Ratio Lower Upper
152 100
115 65.9 36.1 108.5
150 159.5 0.0 351.8

Manual Integrations
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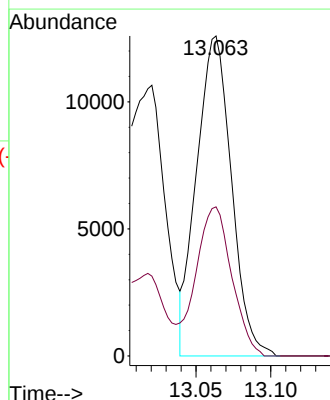
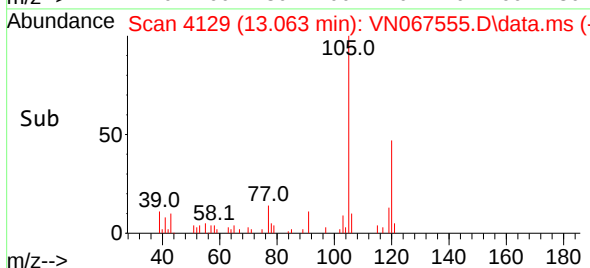
MMDadoda
7/5/2021 1:51:44 PM

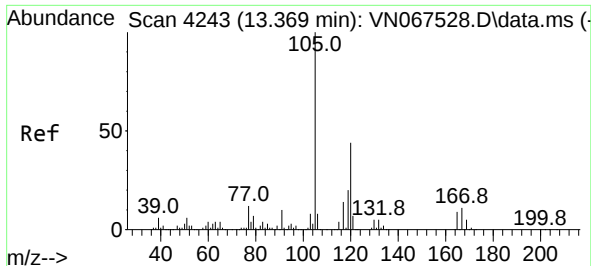


#80
1,3,5-Trimethylbenzene
Concen: 2.598 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05



Tgt Ion:105 Resp: 20437
Ion Ratio Lower Upper
105 100
120 47.1 22.2 66.6





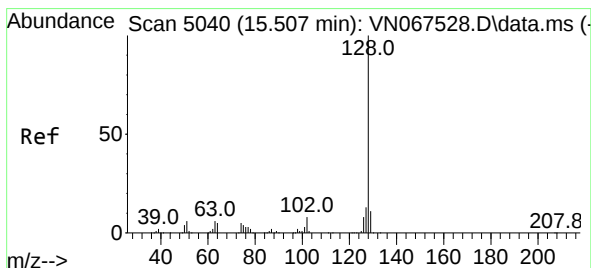
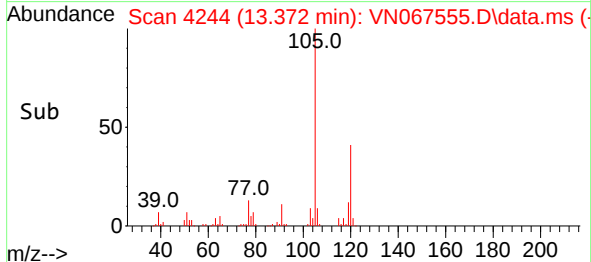
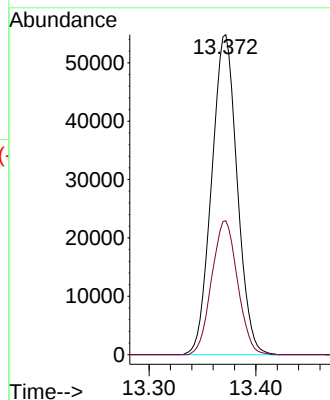
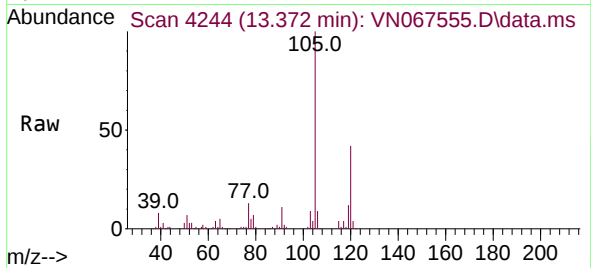
#84
1,2,4-Trimethylbenzene
Concen: 11.744 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion:105 Resp: 90962
Ion Ratio Lower Upper
105 100
120 42.4 20.6 61.8

Instrument :
MSVOA_N
ClientSampleId :
NWB-1613

Manual Integrations
APPROVED

MMDadoda
7/5/2021 1:51:44 PM



#95
Naphthalene
Concen: 12.001 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067555.D
Acq: 29 Jun 2021 16:05

Tgt Ion:128 Resp: 53012
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 10.9 8.6 12.8

