

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067600.D
 Acq On : 1 Jul 2021 16:43
 Operator : JC/MD
 Sample : M2861-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002

Manual Integrations
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Quant Time: Jul 02 06:47:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	56066	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	337858	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	295676	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	148584	32.796	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.333%			
60) 4-Bromofluorobenzene	12.736	95	121209	25.199	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.000%			
63) Toluene-d8	10.443	98	421784	31.175	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.933%			
Target Compounds						
					Qvalue	
12) Methyl Acetate	4.862	43	7120m	2.037	ug/l	
15) Acetone	4.293	58	63443	166.797	ug/l	85
25) Chloroform	7.823	83	89893	12.854	ug/l	98
41) Bromodichloromethane	9.767	83	22917	3.914	ug/l #	98
53) Dibromochloromethane	11.240	129	6929	1.508	ug/l	97

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

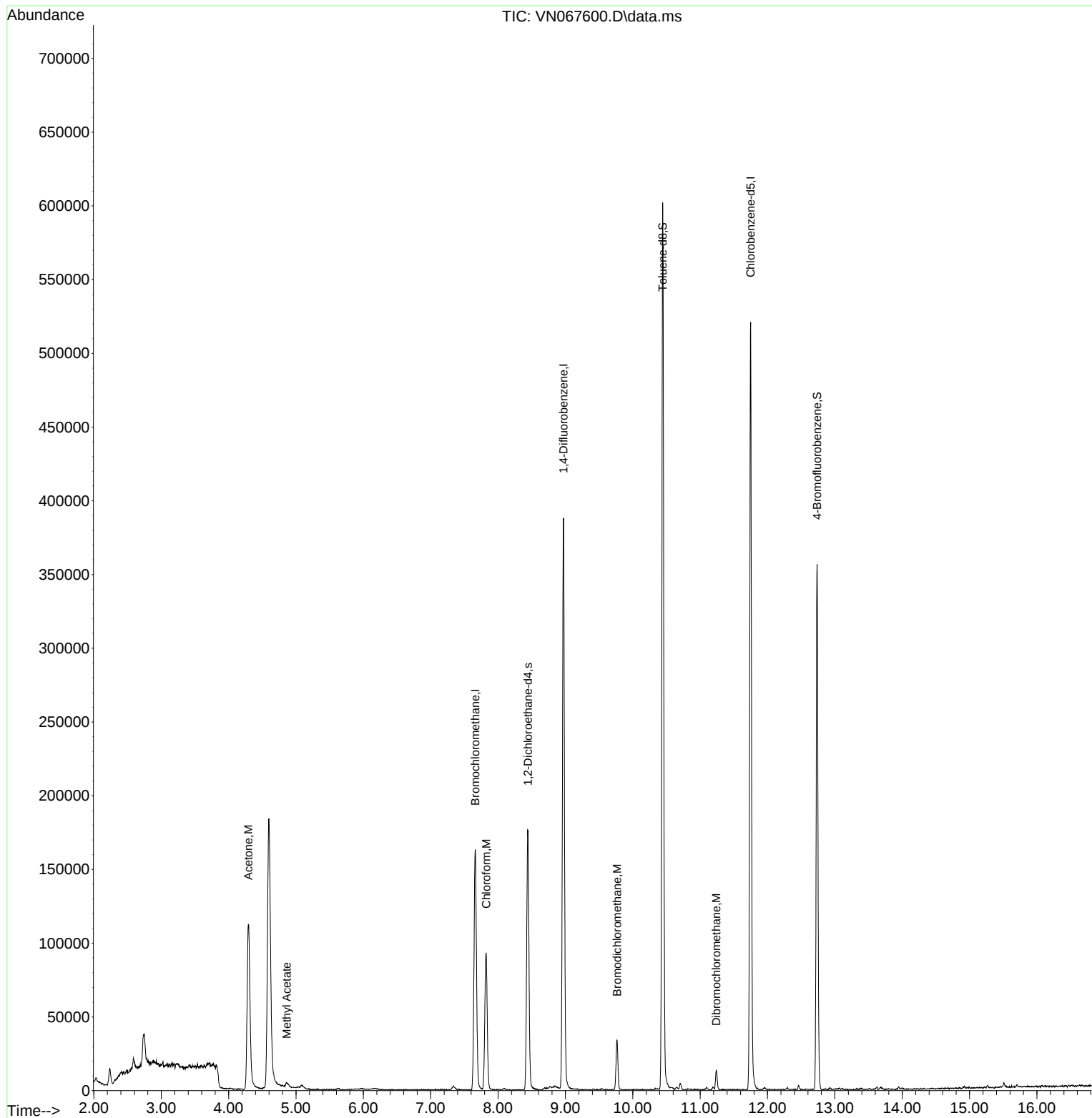
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Data File : VN067600.D
Acq On : 1 Jul 2021 16:43
Operator : JC/MD
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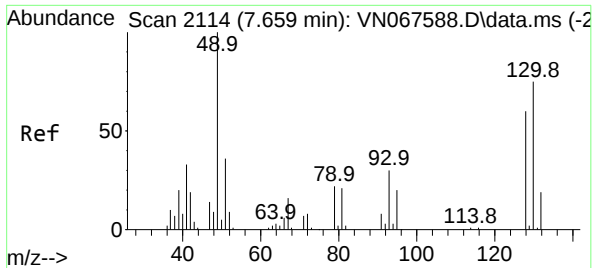
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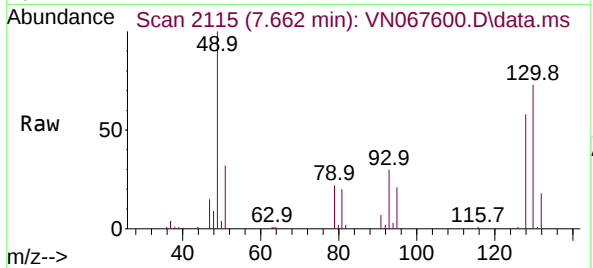
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Quant Time: Jul 02 06:47:23 2021
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 01 12:09:22 2021
Response via : Initial Calibration

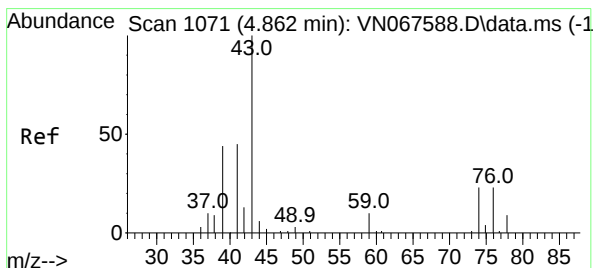
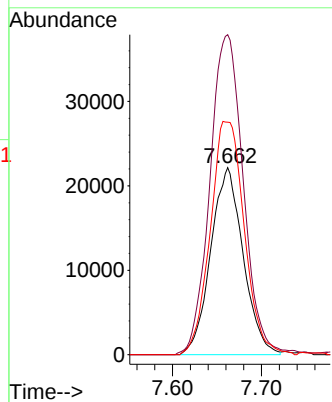
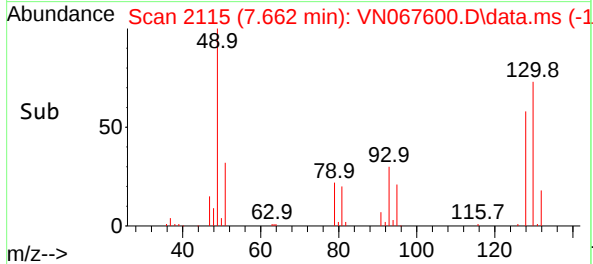




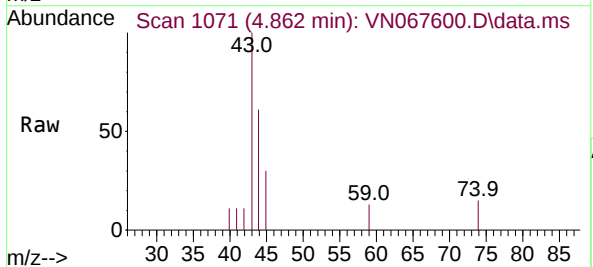
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43



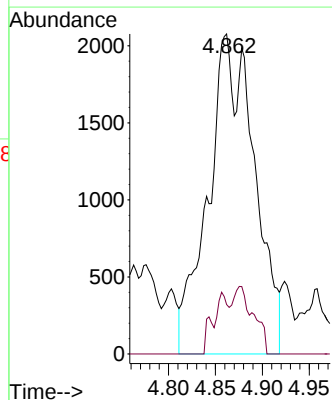
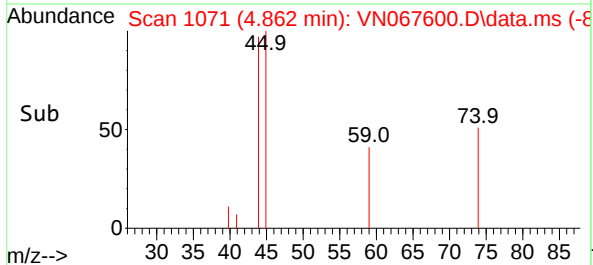
Tgt Ion:128 Resp: 56066
Ion Ratio Lower Upper
128 100
49 175.9 0.0 517.5
130 69.6 0.0 325.8



#12
Methyl Acetate
Concen: 2.037 ug/l m
RT: 4.862 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43



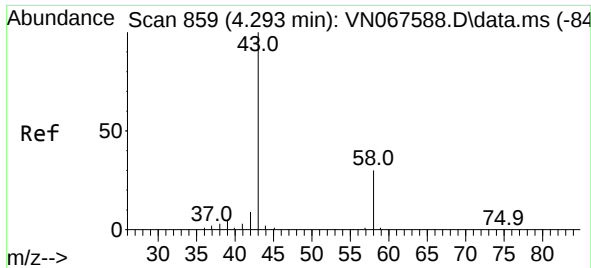
Tgt Ion: 43 Resp: 7120
Ion Ratio Lower Upper
43 100
74 15.5 16.6 25.0#



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DSN-002-SEWER-OUTLET-002

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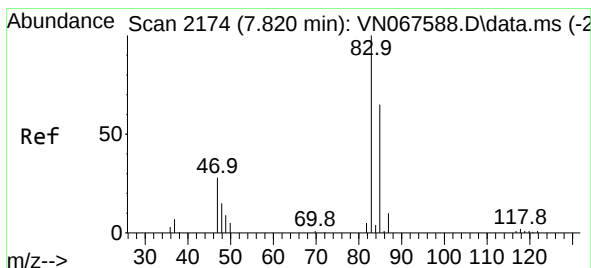
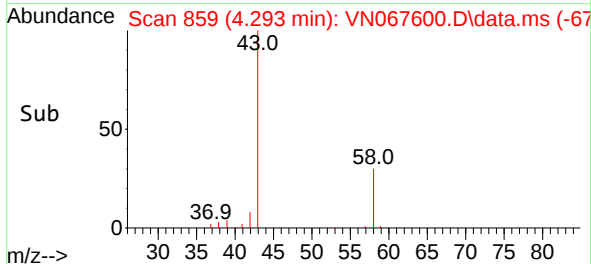
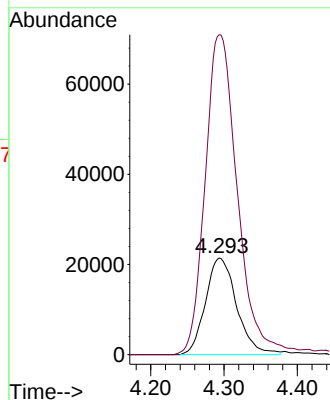
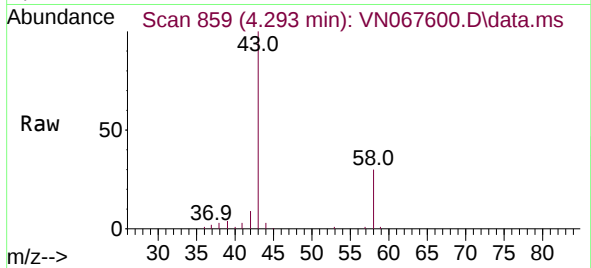
#15
Acetone
Concen: 166.797 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.000 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43

Tgt Ion: 58 Resp: 63443
Ion Ratio Lower Upper
58 100
43 328.8 289.6 434.4

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

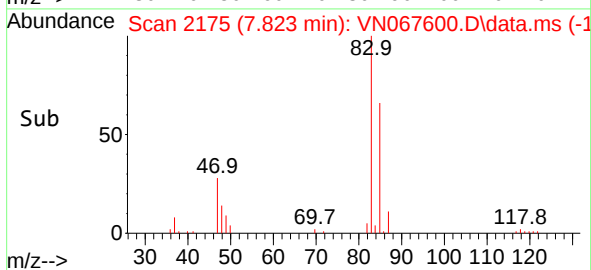
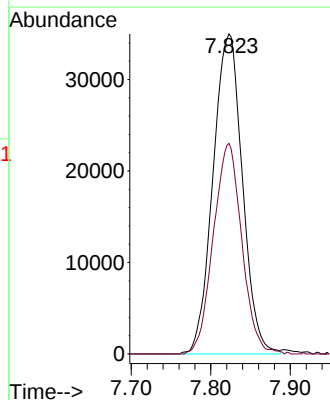
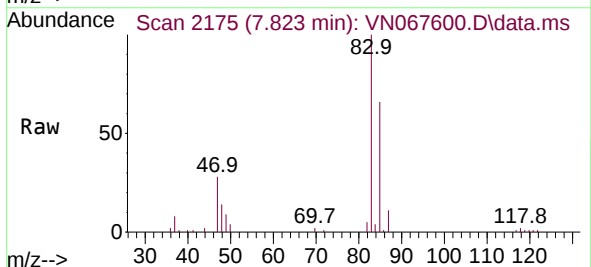
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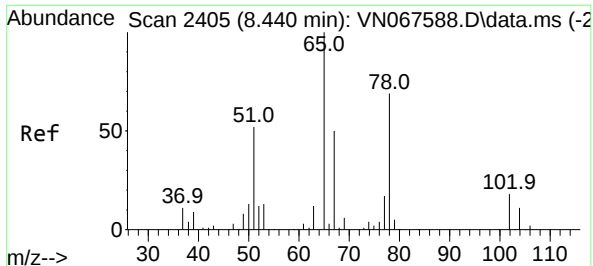
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#25
Chloroform
Concen: 12.854 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43

Tgt Ion: 83 Resp: 89893
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3





#27

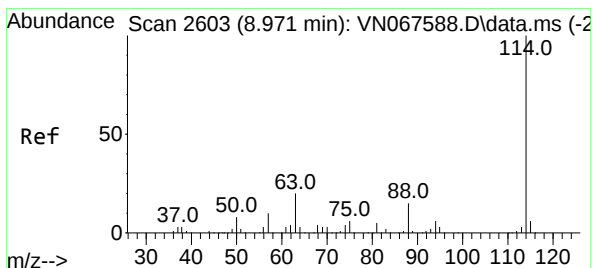
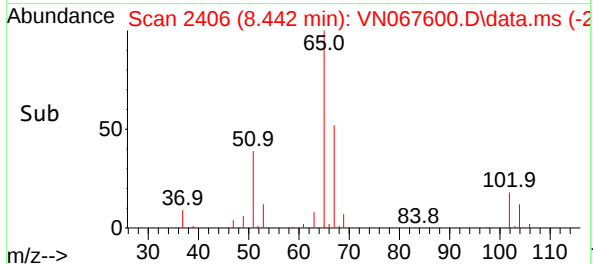
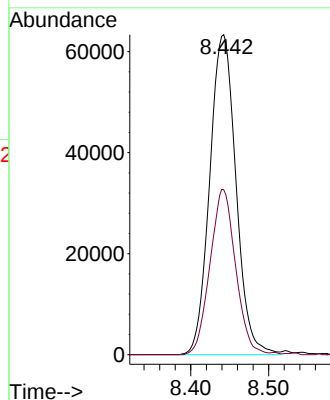
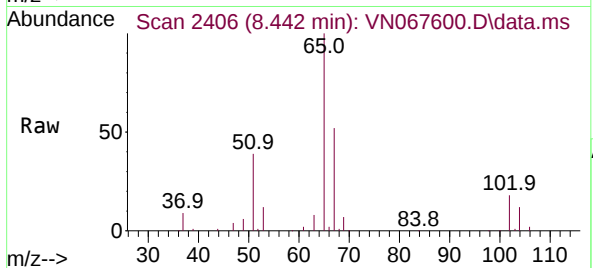
1,2-Dichloroethane-d4
Concen: 32.796 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43

Tgt Ion: 65 Resp: 148584
Ion Ratio Lower Upper
65 100
67 50.2 39.8 59.8

Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002

Manual Integrations
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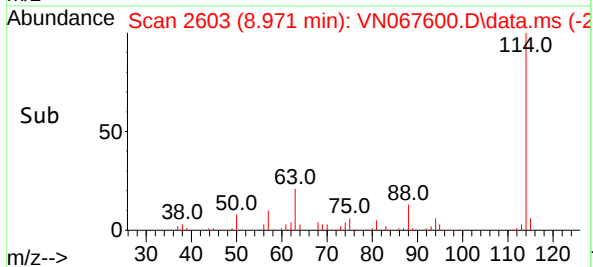
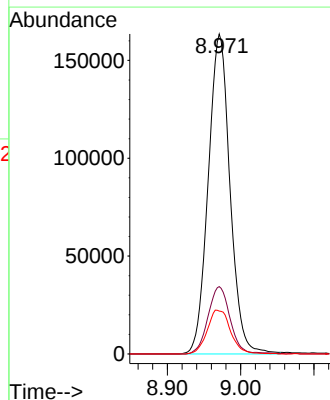
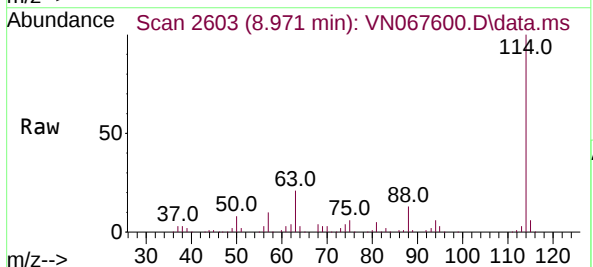
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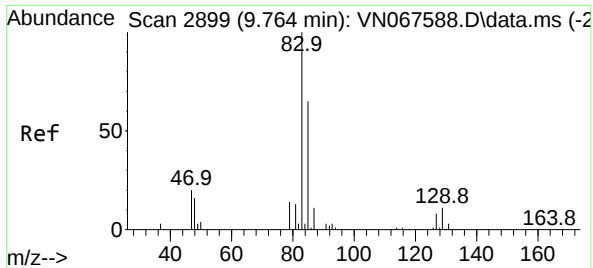


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43

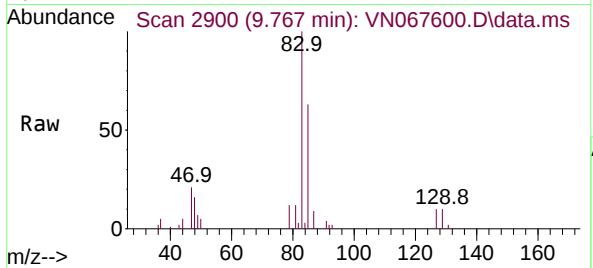
Tgt Ion: 114 Resp: 337858
Ion Ratio Lower Upper
114 100
63 21.0 20.3 30.5
88 14.7 14.6 22.0





#41
Bromodichloromethane
Concen: 3.914 ug/l
RT: 9.767 min Scan# 2900
Delta R.T. 0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43

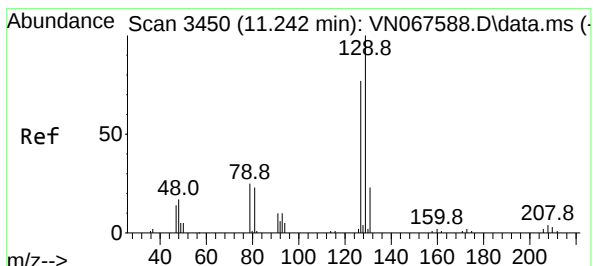
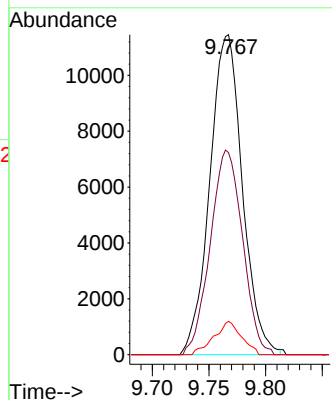
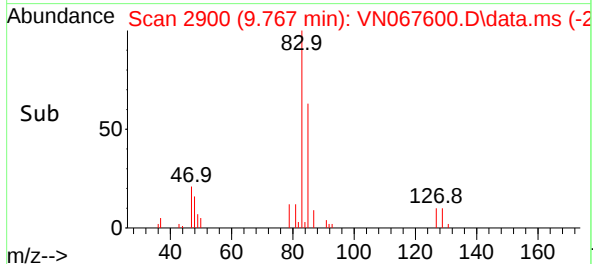
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MSVOA_N
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DSN-002-SEWER-OUTLET-002



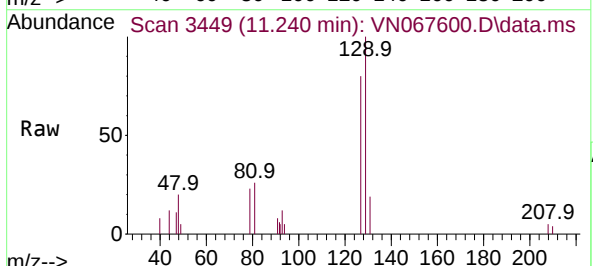
Tgt Ion: 83 Resp: 22917
Ion Ratio Lower Upper
83 100
85 63.2 51.2 76.8
127 10.4 6.6 9.8#

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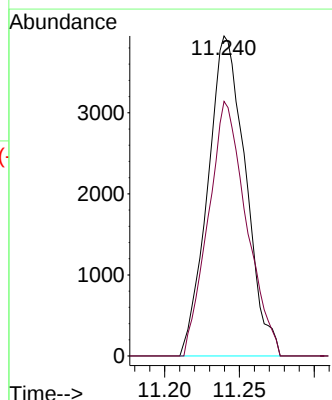
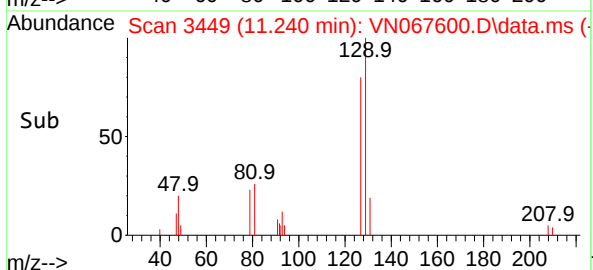
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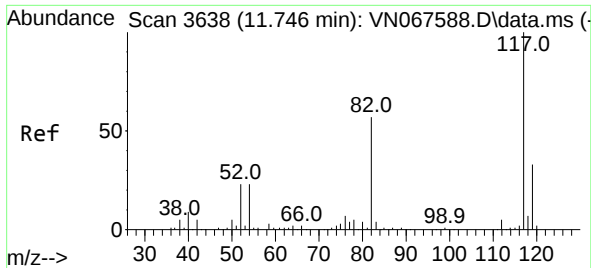


#53
Dibromochloromethane
Concen: 1.508 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43



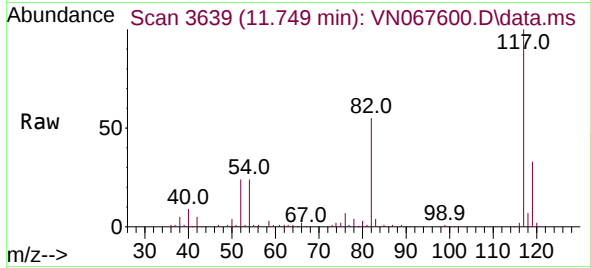
Tgt Ion: 129 Resp: 6929
Ion Ratio Lower Upper
129 100
127 80.4 38.8 116.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43

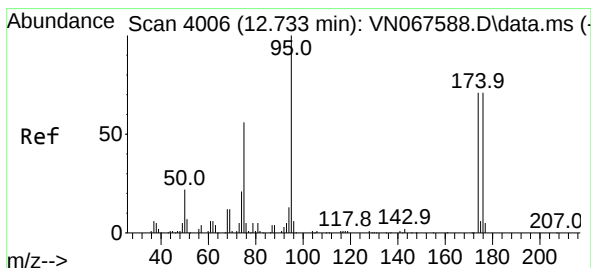
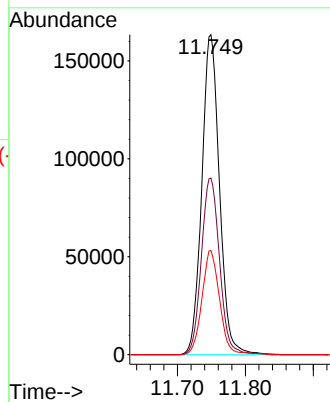
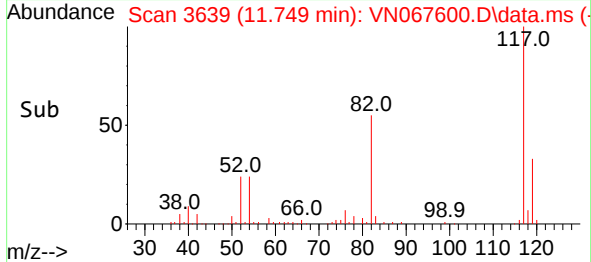
Instrument :
MSVOA_N
ClientSampleId :
DSN-002-SEWER-OUTLET-002



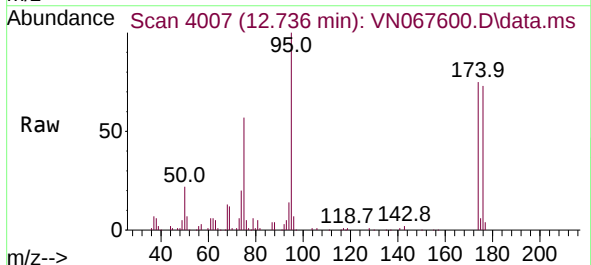
Tgt Ion:117 Resp: 295676
Ion Ratio Lower Upper
117 100
82 56.9 52.5 78.7
119 32.5 25.8 38.8

Manual Integrations
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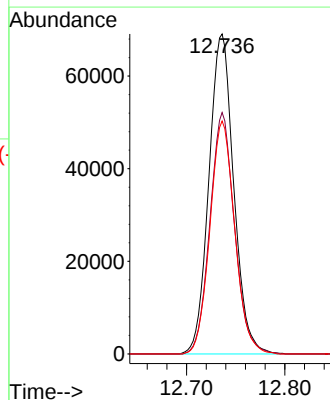
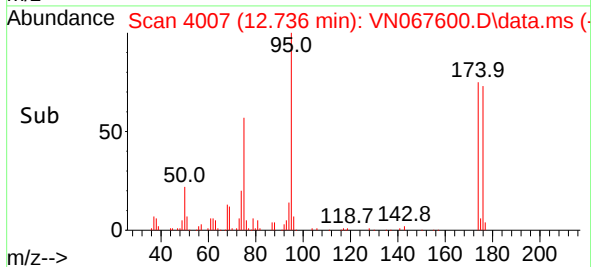
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7/5/2021 2:01:21 PM

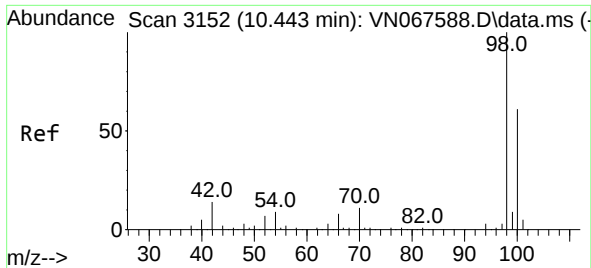


#60
4-Bromofluorobenzene
Concen: 25.199 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067600.D
Acq: 1 Jul 2021 16:43



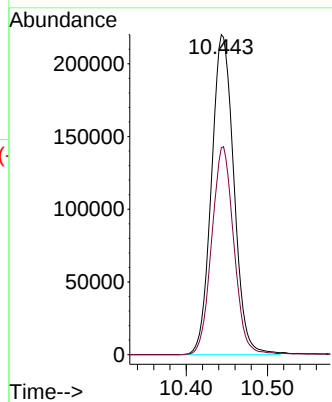
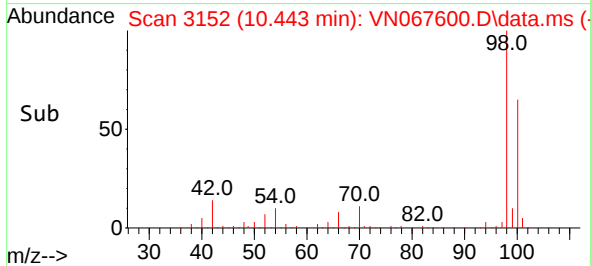
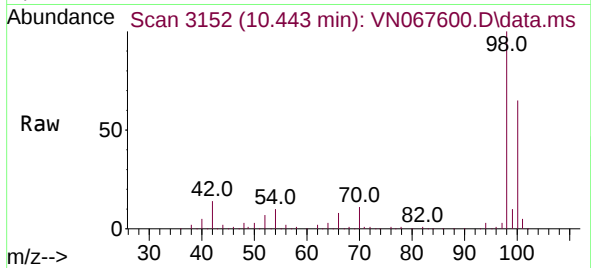
Tgt Ion: 95 Resp: 121209
Ion Ratio Lower Upper
95 100
174 74.7 47.7 71.5#
176 72.7 45.7 68.5#





#63
Toluene-d8
Concen: 31.175 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067600.D
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Tgt Ion: 98 Resp: 421784
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



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7/5/2021 2:01:21 PM