

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014820.D
 Acq On : 05 Feb 2020 14:21
 Operator : JC/SP
 Sample : L1392-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 2/6/2020 1:32:38 PM

Quant Time: Feb 06 04:50:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	63688	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	367396	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	329878	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	147581	32.97	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	109.90%		
60) 4-Bromofluorobenzene	11.14	95	153513	29.08	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	96.93%		
63) Toluene-d8	8.71	98	440728	29.58	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	98.60%		
Target Compounds						
15) Acetone	2.44	58	6875247m	9410.477	ug/l	
25) Chloroform	5.20	83	97970	14.421	ug/l	99
30) 2-Butanone	4.67	43	26999	7.910	ug/l #	98
41) Bromodichloromethane	7.89	83	5550	1.019	ug/l #	96

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

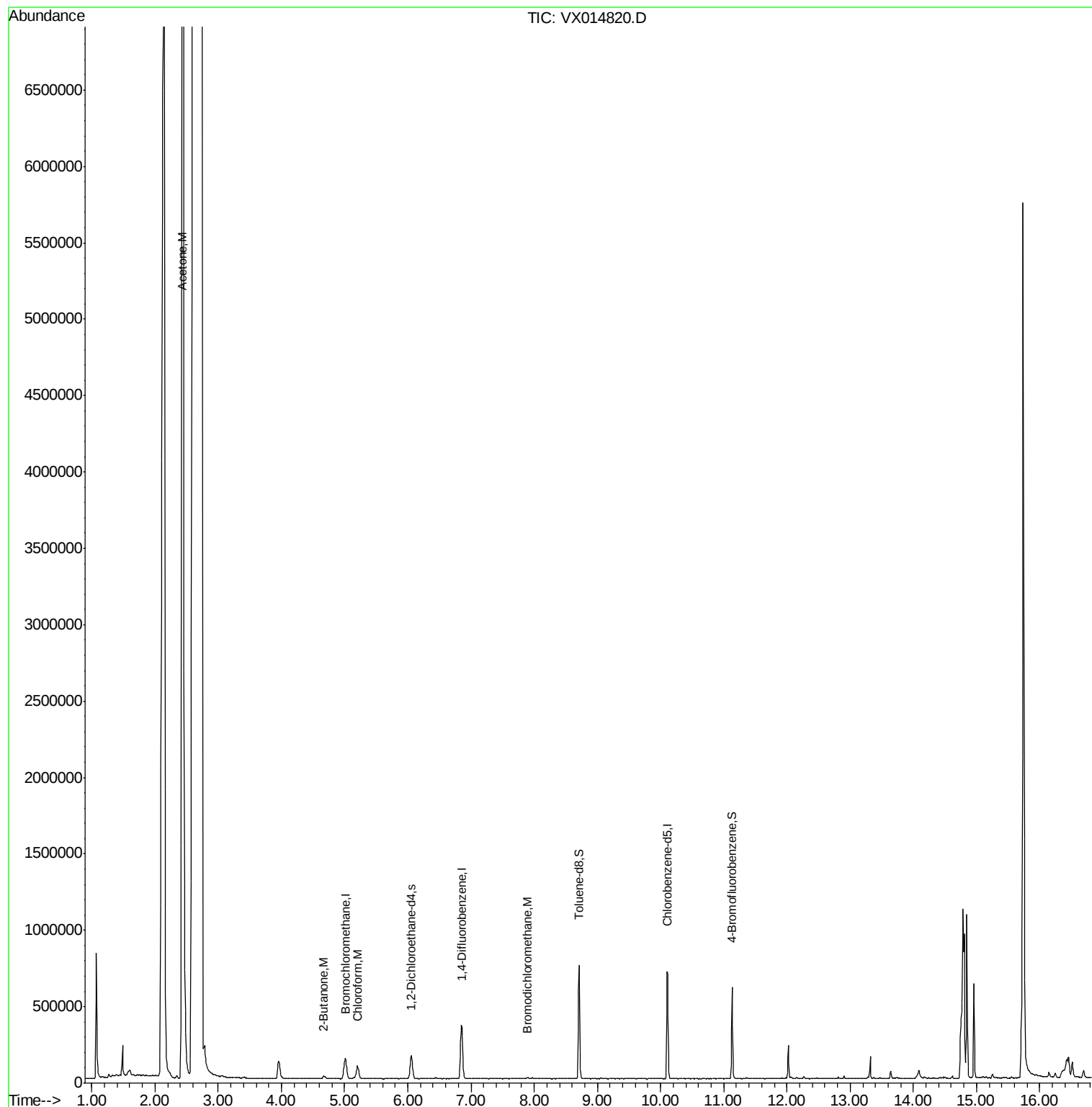
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Data File : VX014820.D
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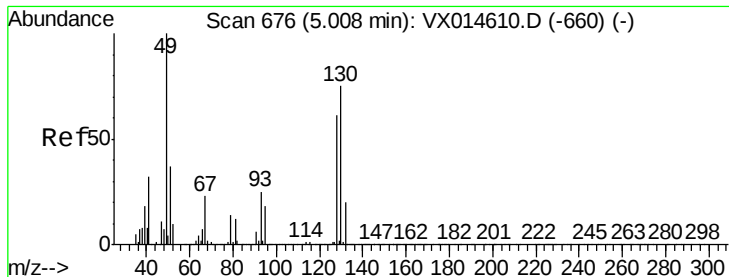
Instrument :
MSVOA_X
ClientSampleId :
DSN-002-SEWER-OUTLET-002

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
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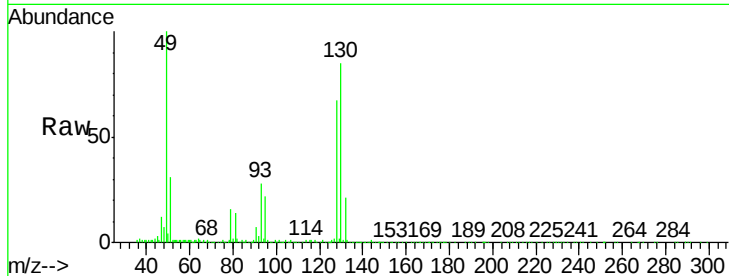




#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014820.D
 Acq: 05 Feb 2020 14:21

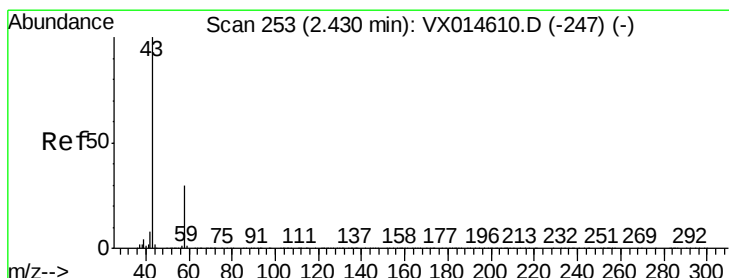
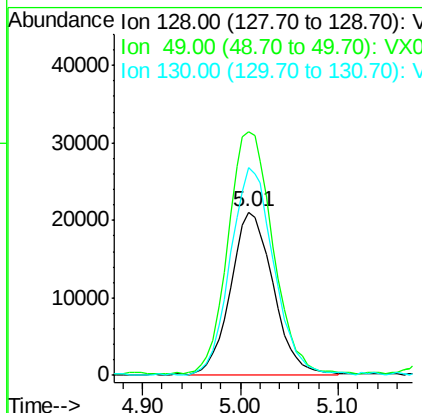
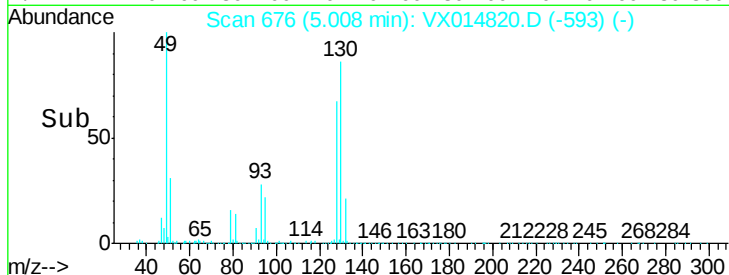
Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-002-SEWER-OUTLET-002



Tot Ion	Ratio	Lower	Upper
128	100		
49	156.1	0.0	405.0
130	129.7	0.0	321.5

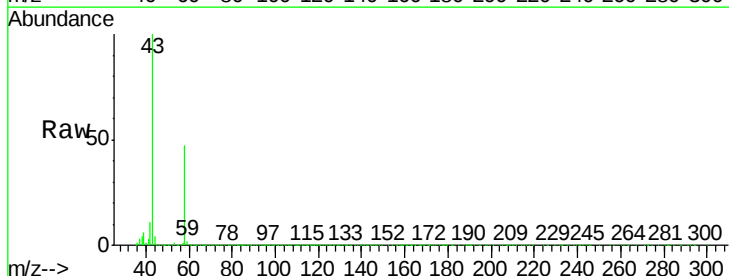
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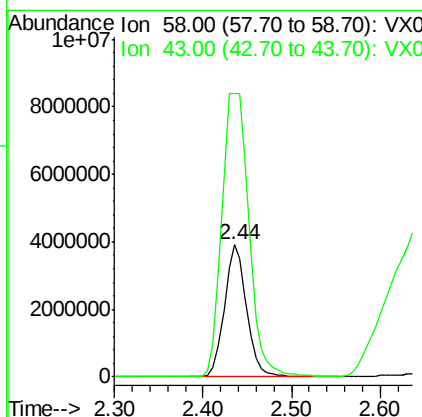
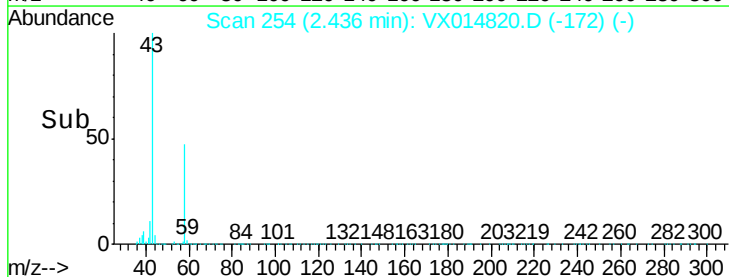


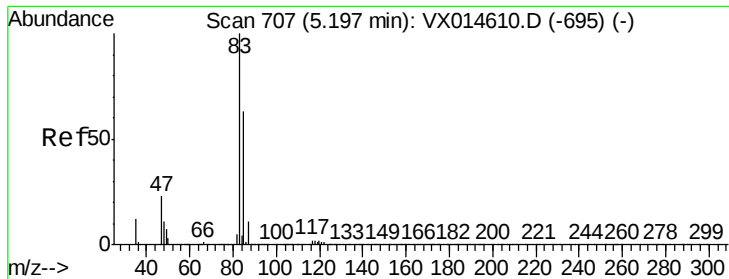
#15

Acetone
 Concen: 9410.477 ug/l m
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX014820.D
 Acq: 05 Feb 2020 14:21



Tgt Ion	Ratio	Lower	Upper
58	100		
43	214.3	236.3	354.5#





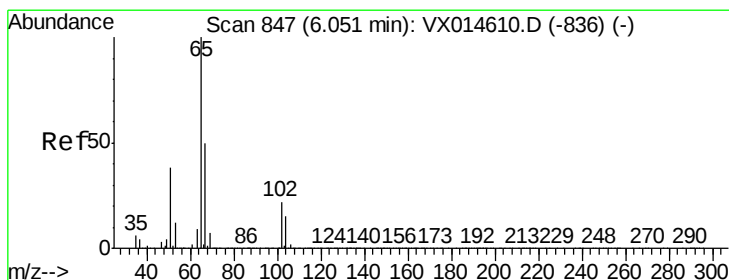
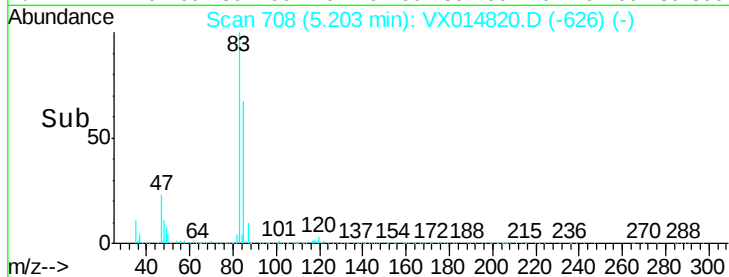
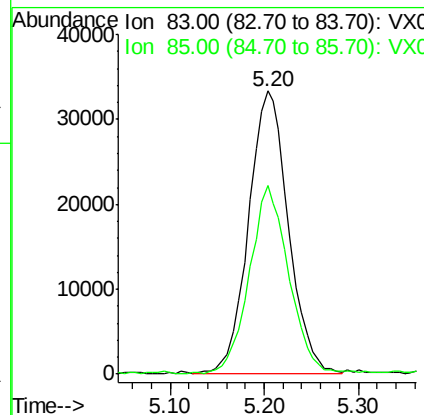
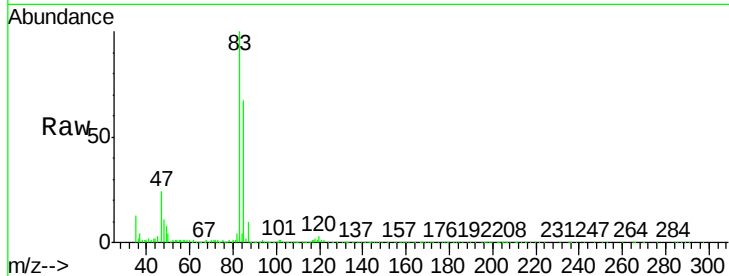
#25
Chloroform
Concen: 14.421 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX014820.D
Acq: 05 Feb 2020 14:21

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

Tot Ion: 83 Resp: 97970
Ion Ratio Lower Upper
83 100
85 66.4 52.7 79.1

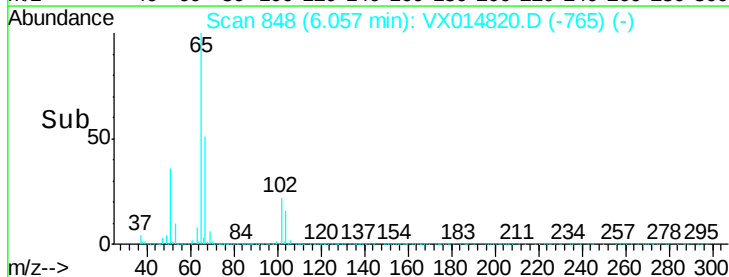
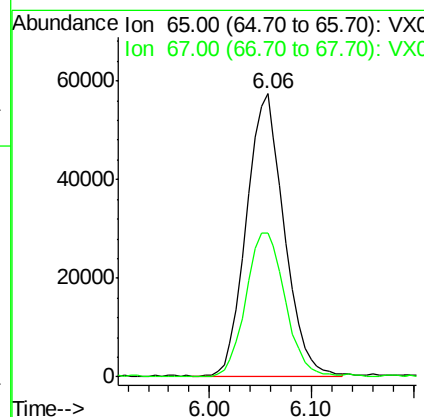
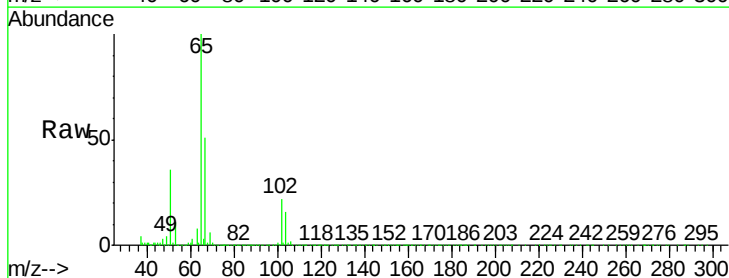
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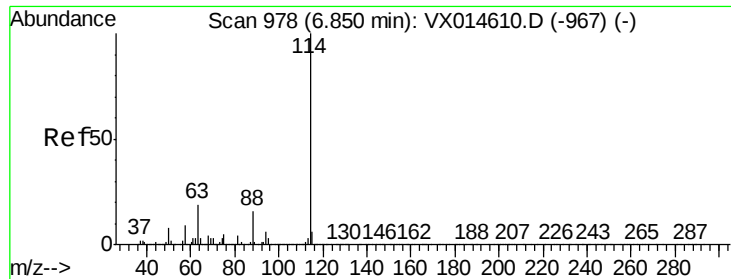
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#27
1,2-Dichloroethane-d4
Concen: 32.968 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014820.D
Acq: 05 Feb 2020 14:21

Tgt Ion: 65 Resp: 147581
Ion Ratio Lower Upper
65 100
67 52.6 43.1 64.7





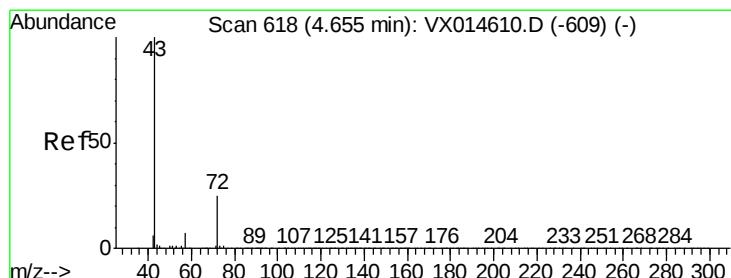
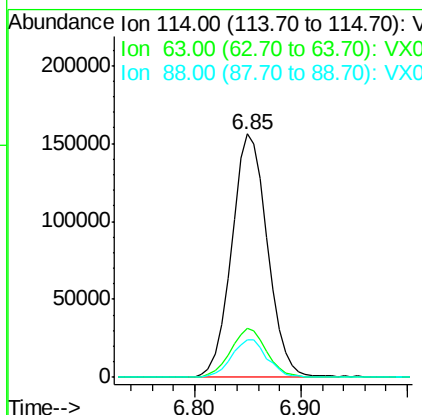
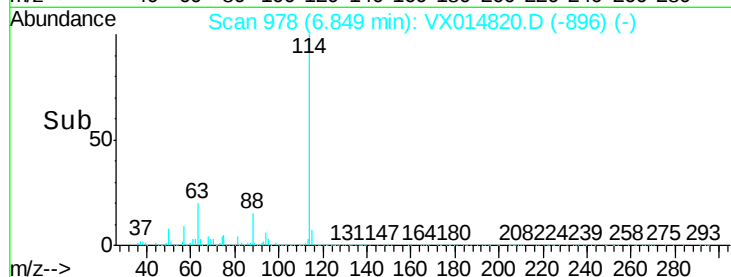
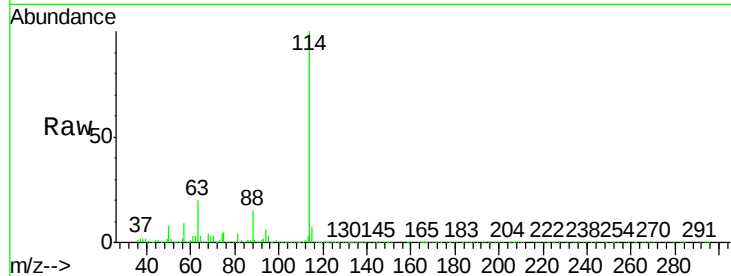
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014820.D
 Acq: 05 Feb 2020 14:21

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

Tot Ion	Ratio	Resp	Lower	Upper
114	100	367396		
63	20.0		16.1	24.1
88	15.6		12.5	18.7

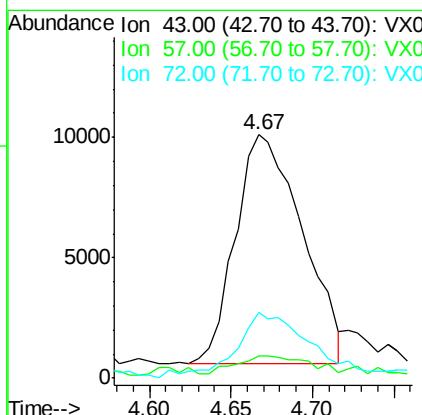
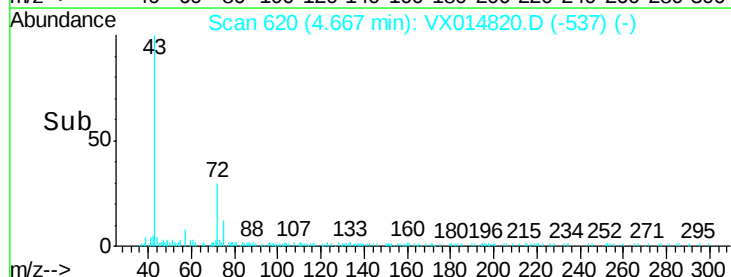
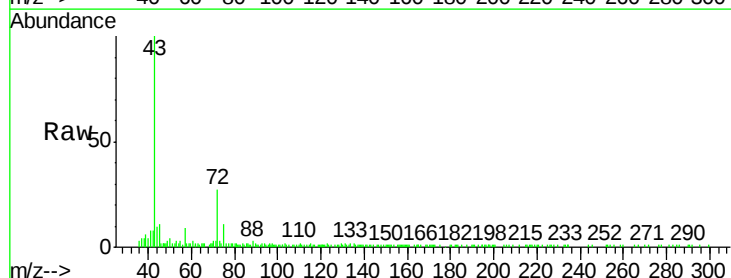
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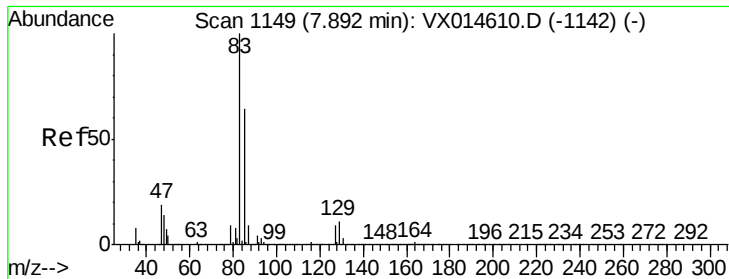
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#30
 2-Butanone
 Concen: 7.910 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX014820.D
 Acq: 05 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	26999		
57	9.3		6.2	9.2#
72	26.3		20.3	30.5





#41

Bromodichloromethane

Concen: 1.019 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014820.D

Acq: 05 Feb 2020 14:21

Instrument :

MSVOA_X

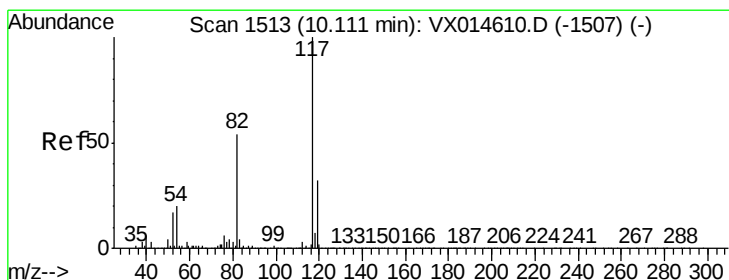
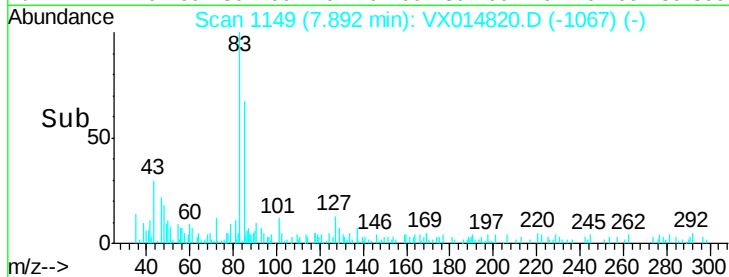
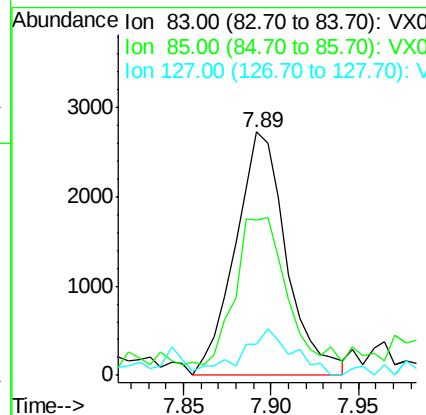
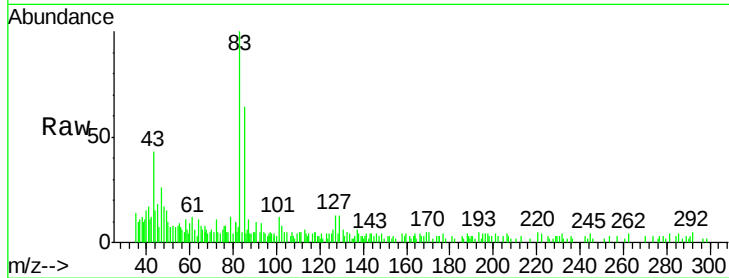
ClientSampleId :

DSN-002-SEWER-OUTLET-002

Tot Ion:	83	Resp:	5550
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.6	77.4
127	12.5	6.0	9.0#

Manual Integrations
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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

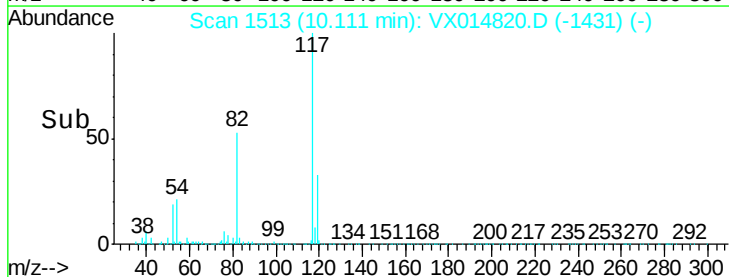
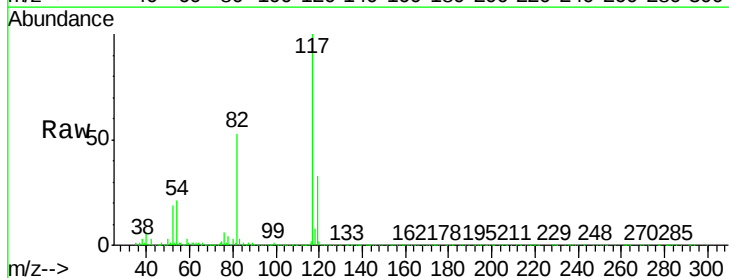
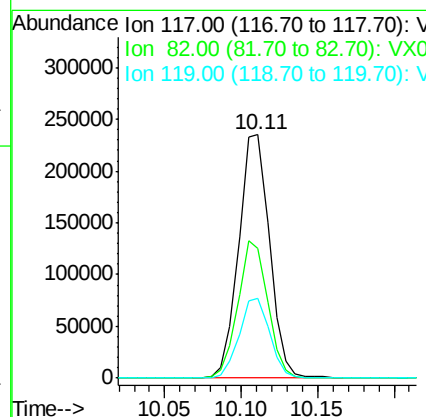
RT: 10.11 min Scan# 1513

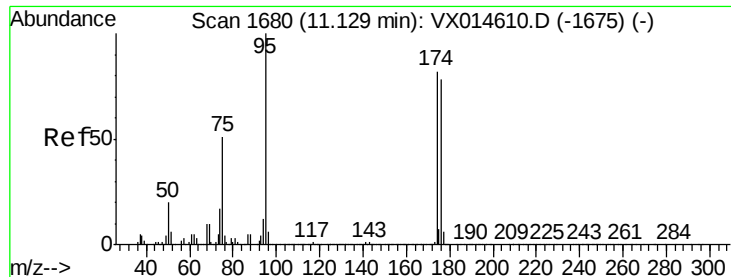
Delta R.T. -0.00 min

Lab File: VX014820.D

Acq: 05 Feb 2020 14:21

Tgt Ion:	117	Resp:	329878
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.8	65.6
119	32.5	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 29.081 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014820.D

Acq: 05 Feb 2020 14:21

Instrument :

MSVOA_X

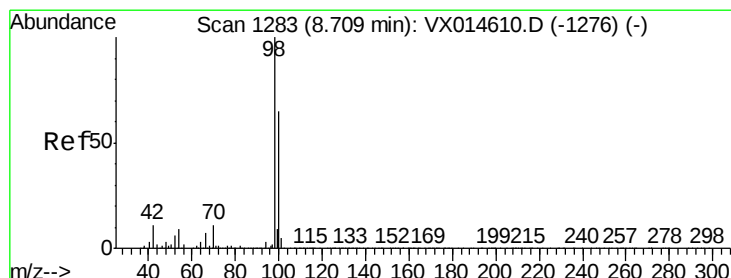
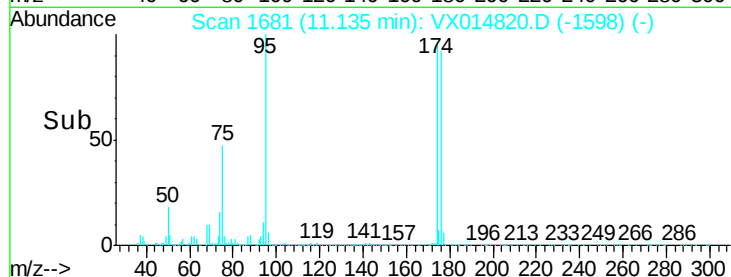
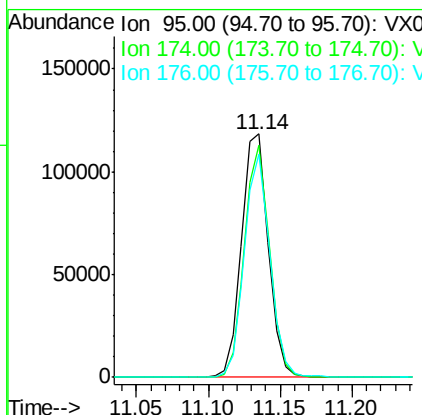
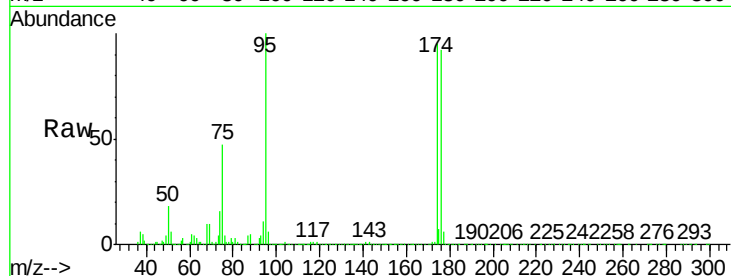
ClientSampleId :

DSN-002-SEWER-OUTLET-002

Tot Ion:	95	Resp:	153513
Ion Ratio	Lower	Upper	
95	100		
174	89.3	70.2	105.2
176	86.4	68.3	102.5

Manual Integrations
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#63

Toluene-d8

Concen: 29.578 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014820.D

Acq: 05 Feb 2020 14:21

Tgt Ion:	98	Resp:	440728
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.2	78.2

