

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014818.D
 Acq On : 05 Feb 2020 13:35
 Operator : JC/SP
 Sample : L1392-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

Quant Time: Feb 06 04:45:04 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	62772	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	349503	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	323896	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	143491	32.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.40%
60) 4-Bromofluorobenzene	11.13	95	148998	28.75	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.83%
63) Toluene-d8	8.71	98	423390	28.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.47%

Target Compounds

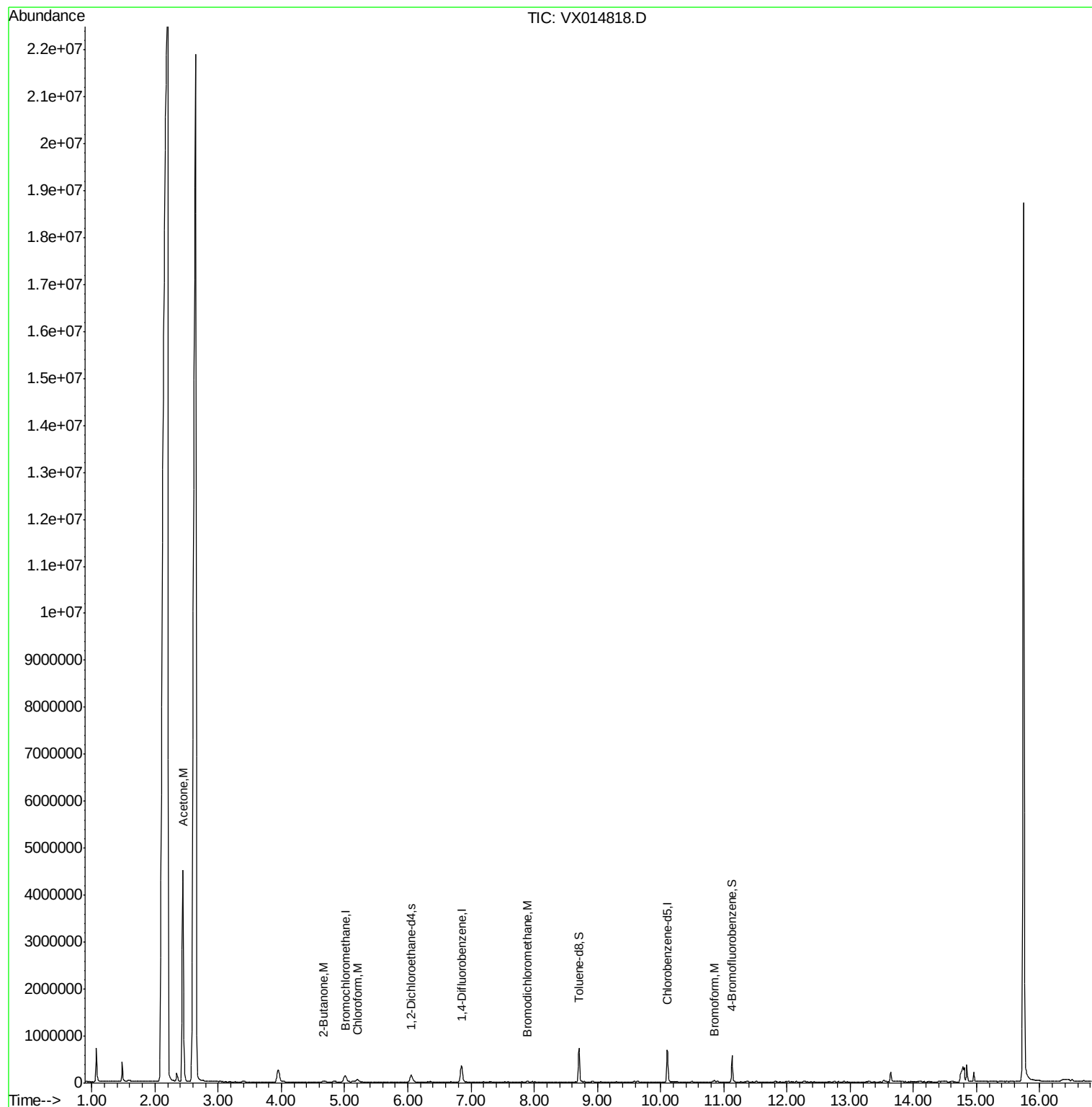
					Ovalue	
15) Acetone	2.44	58	1469019	2040.057	ug/l	91
25) Chloroform	5.20	83	58122	8.680	ug/l	97
30) 2-Butanone	4.67	43	17955	5.530	ug/l #	89
41) Bromodichloromethane	7.89	83	5463	1.054	ug/l	91
56) Bromoform	10.85	173	11052	3.483	ug/l	97

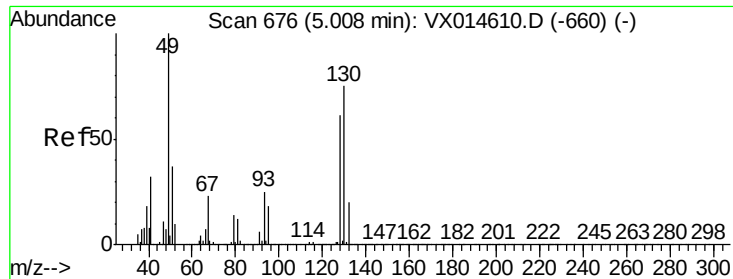
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

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Instrument :

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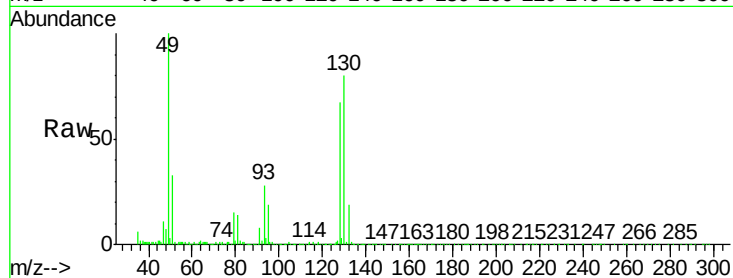
Tot Ion:128 Resp: 62772

Ion Ratio Lower Upper

128 100

49 156.6 0.0 405.0

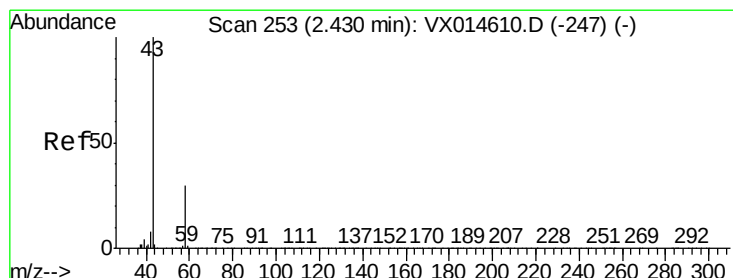
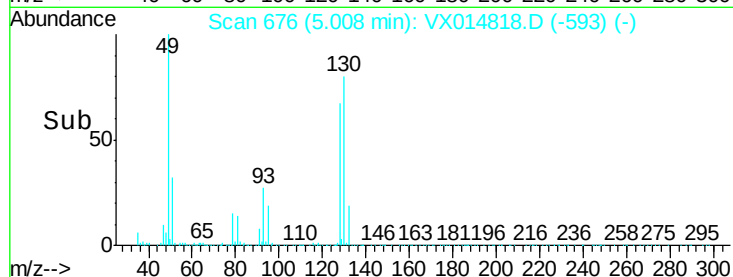
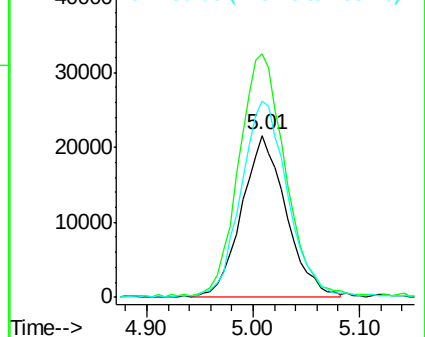
130 127.5 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 2040.057 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX014818.D

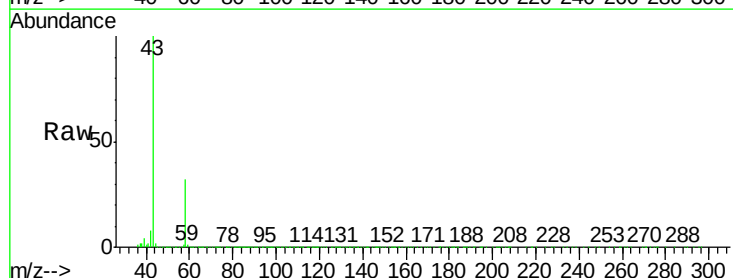
Acq: 05 Feb 2020 13:35

Tgt Ion: 58 Resp: 1469019

Ion Ratio Lower Upper

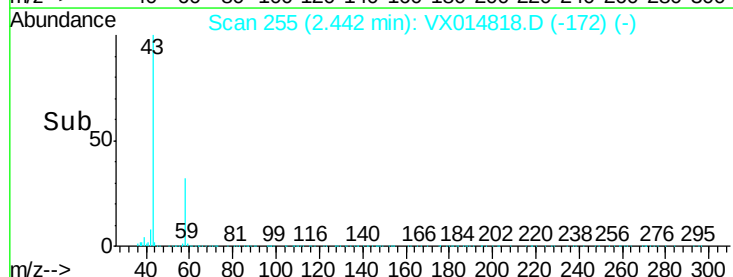
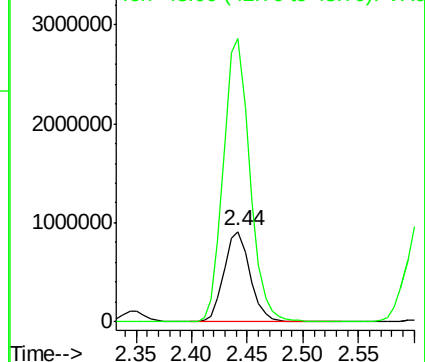
58 100

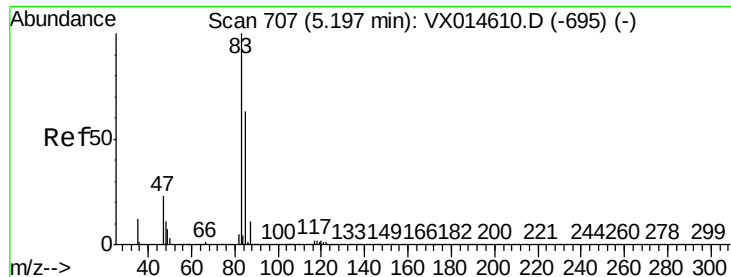
43 312.4 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 8.680 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014818.D

Acq: 05 Feb 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

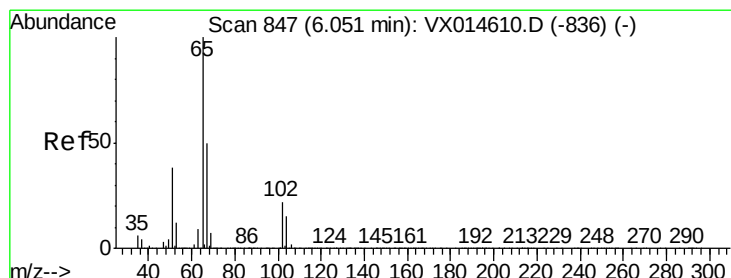
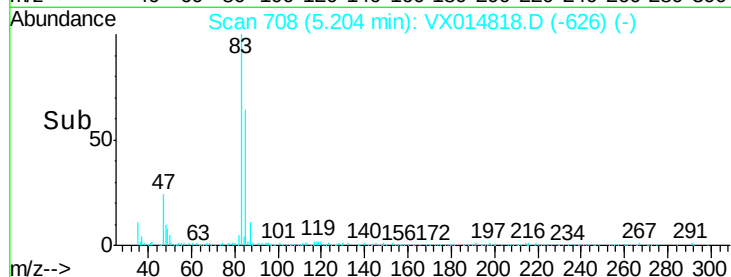
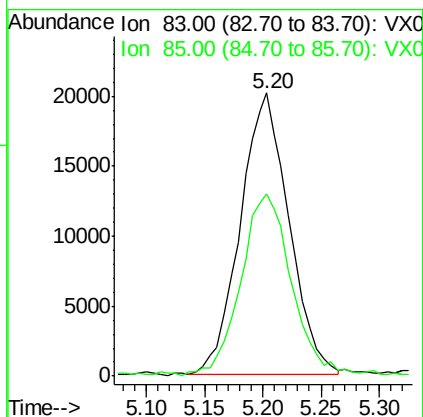
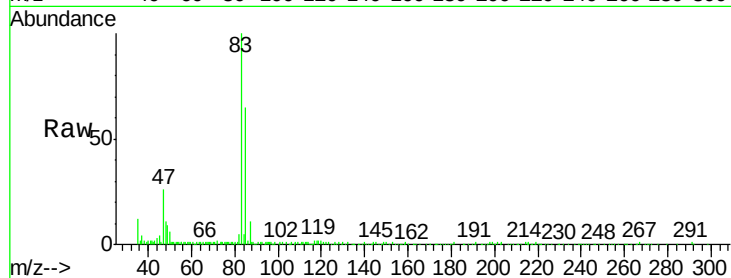
DSN-001-SEWER-OUTLET-001

Tot Ion: 83 Resp: 58122

Ion Ratio Lower Upper

83 100

85 63.3 52.7 79.1



#27

1,2-Dichloroethane-d4

Concen: 32.522 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014818.D

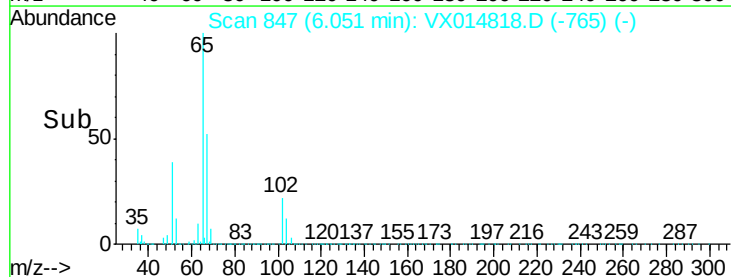
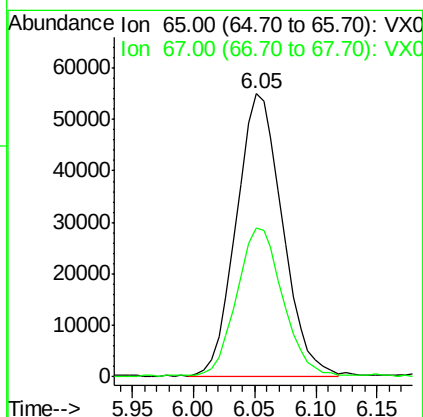
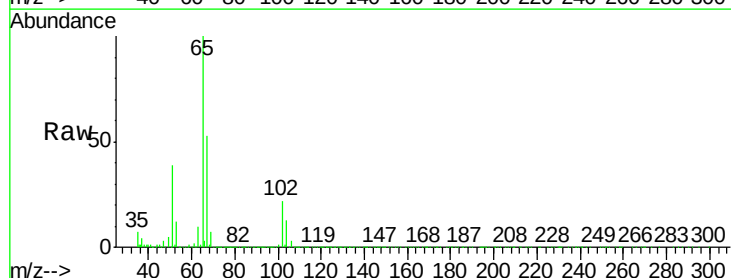
Acq: 05 Feb 2020 13:35

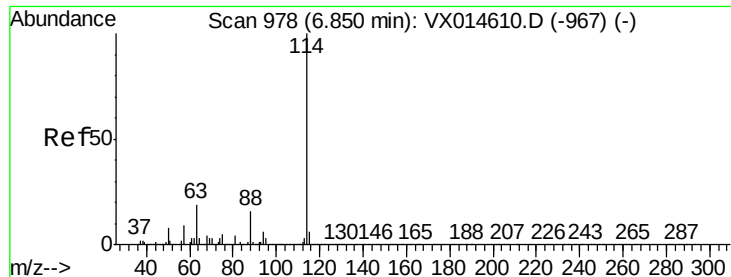
Tgt Ion: 65 Resp: 143491

Ion Ratio Lower Upper

65 100

67 52.4 43.1 64.7

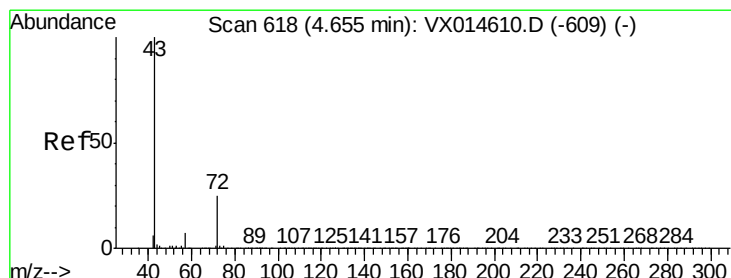
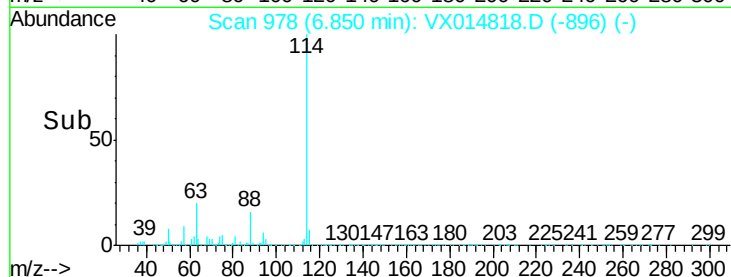
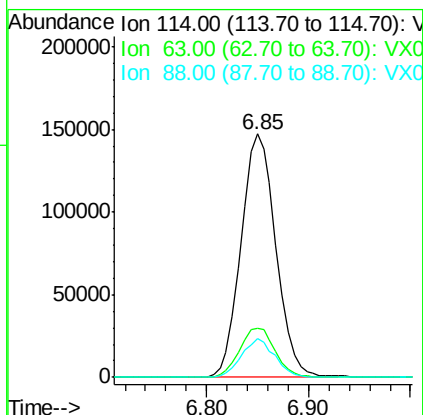
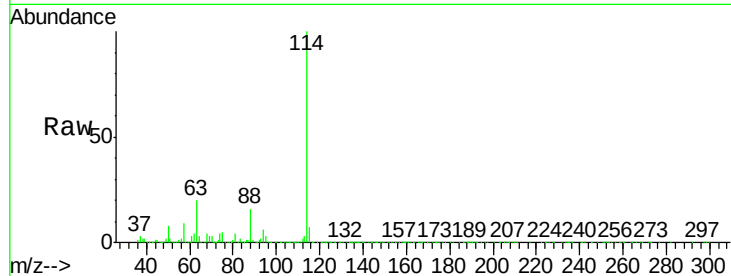




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014818.D
 Acq: 05 Feb 2020 13:35

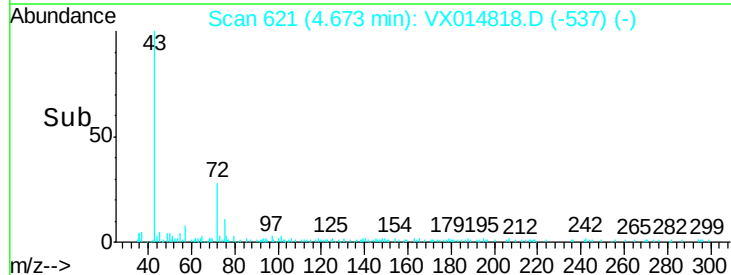
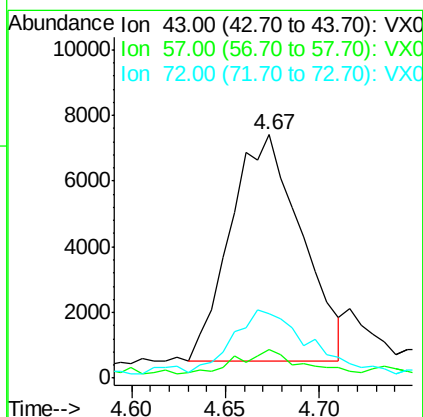
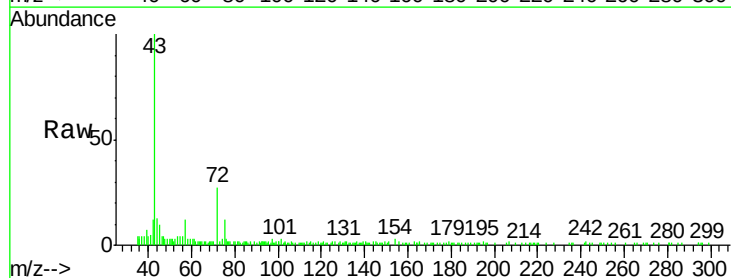
Instrument :
 MSVOA_X
 ClientSampleId :
 DSN-001-SEWER-OUTLET-001

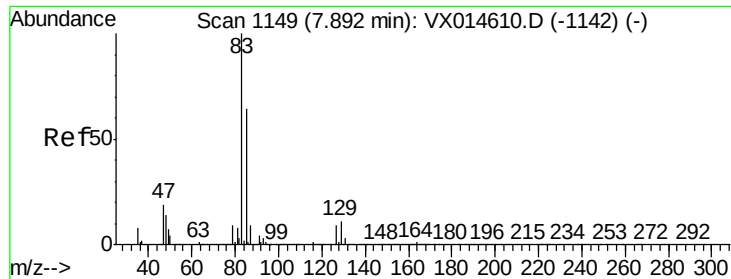
Tot Ion:	114	Resp:	349503
Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.1	24.1
88	15.2	12.5	18.7



#30
 2-Butanone
 Concen: 5.530 ug/l
 RT: 4.67 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VX014818.D
 Acq: 05 Feb 2020 13:35

Tgt Ion:	43	Resp:	17955
Ion	Ratio	Lower	Upper
43	100		
57	4.7	6.2	9.2#
72	31.2	20.3	30.5#





#41

Bromodichloromethane

Concen: 1.054 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014818.D

Acq: 05 Feb 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001

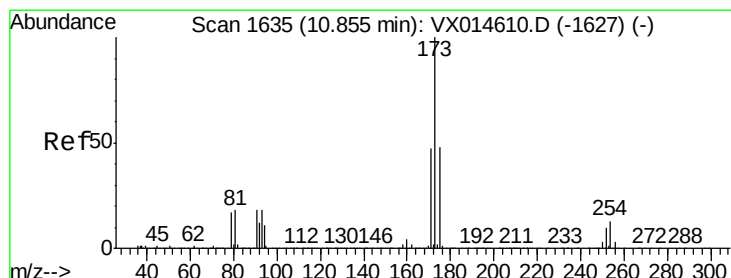
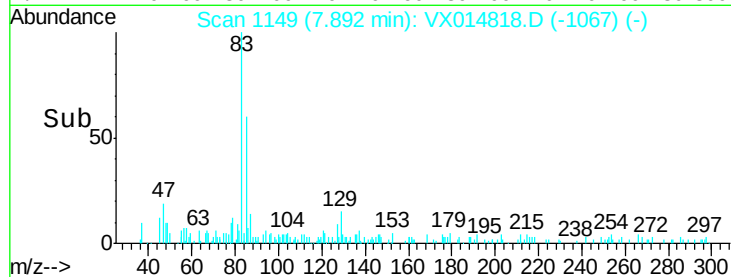
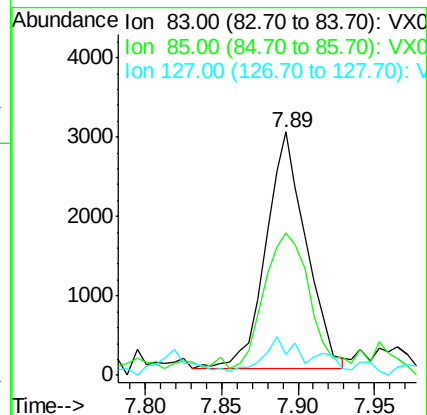
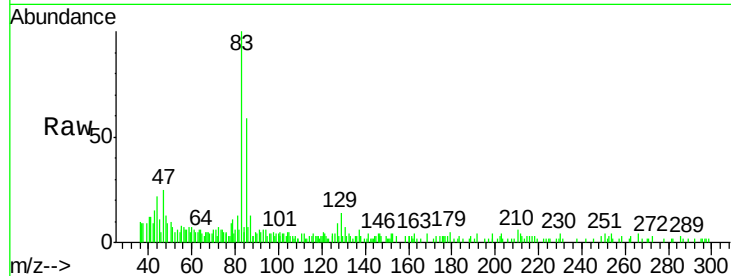
Tot Ion: 83 Resp: 5463

Ion Ratio Lower Upper

83 100

85 56.9 51.6 77.4

127 6.2 6.0 9.0



#56

Bromoform

Concen: 3.483 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014818.D

Acq: 05 Feb 2020 13:35

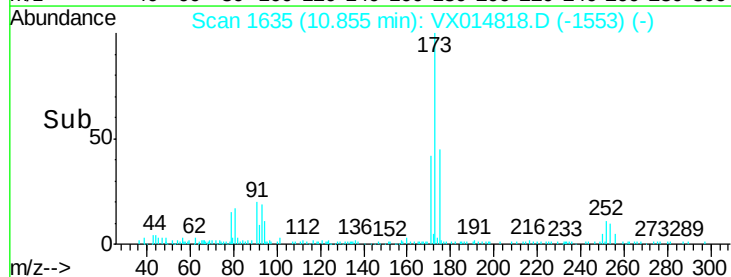
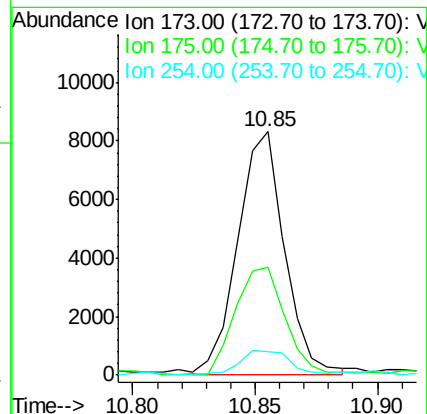
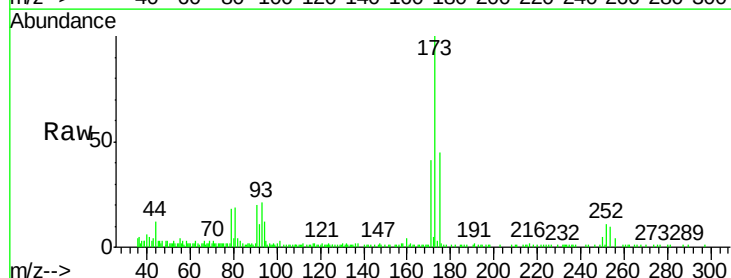
Tgt Ion: 173 Resp: 11052

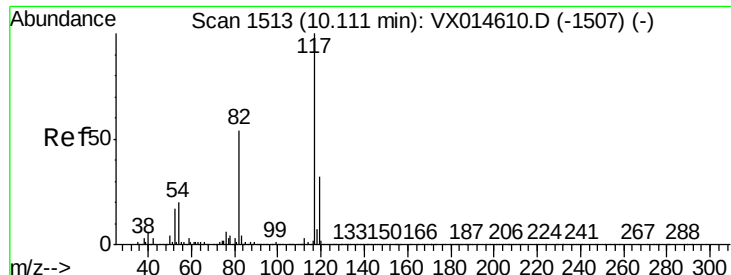
Ion Ratio Lower Upper

173 100

175 47.2 39.5 59.3

254 11.1 8.2 12.4

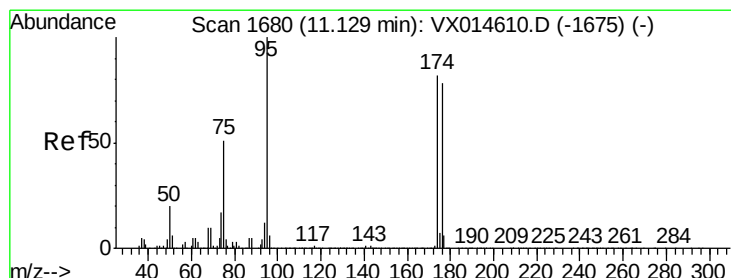
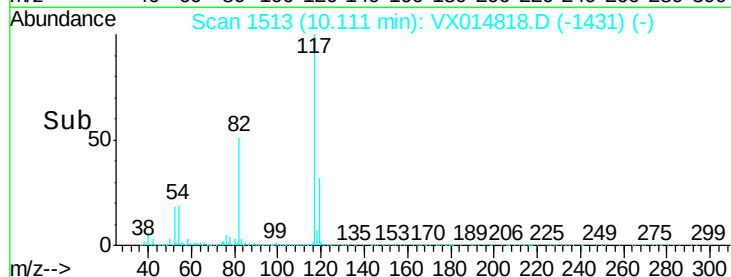
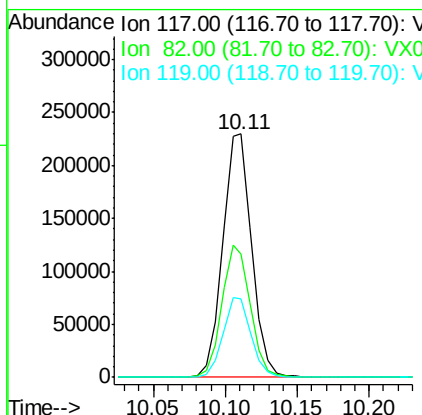
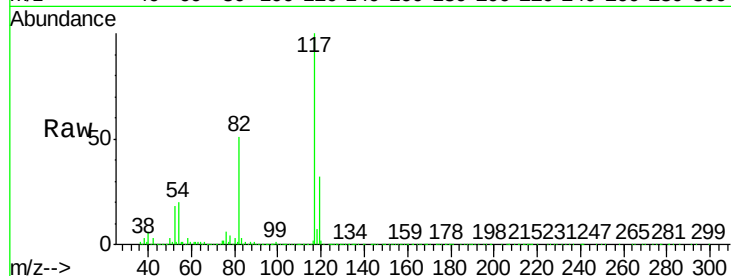




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014818.D
Acq: 05 Feb 2020 13:35

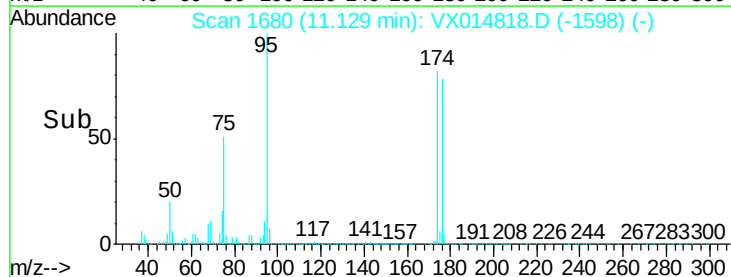
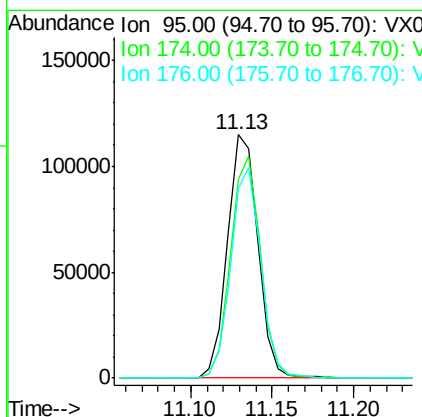
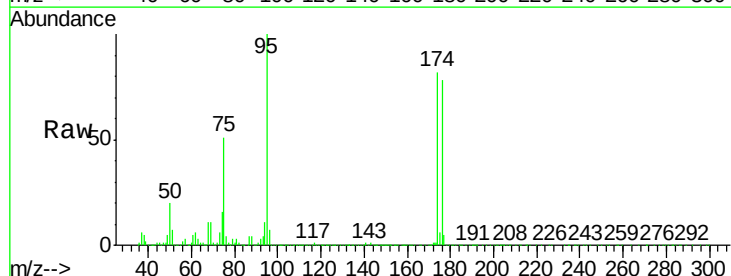
Instrument :
MSVOA_X
ClientSampleId :
DSN-001-SEWER-OUTLET-001

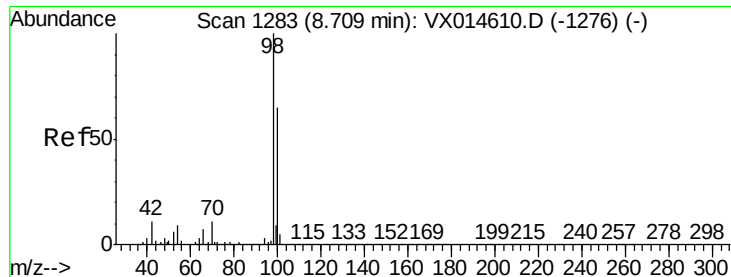
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.6
119	31.7	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 28.747 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014818.D
Acq: 05 Feb 2020 13:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	70.2	105.2
176	85.6	68.3	102.5





#63

Toluene-d8

Concen: 28.939 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014818.D

Acq: 05 Feb 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

DSN-001-SEWER-OUTLET-001

Tot Ion: 98 Resp: 423390

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2

