

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001631.D
 Acq On : 11 May 2018 09:52
 Operator : JC/MD
 Sample : J2801-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTFALL-001DL

Quant Time: May 11 12:24:28 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	49393	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	282585	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	254866	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	115925	32.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.23%
60) 4-Bromofluorobenzene	11.15	95	122899	30.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.57%
63) Toluene-d8	8.72	98	329064	28.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.50%

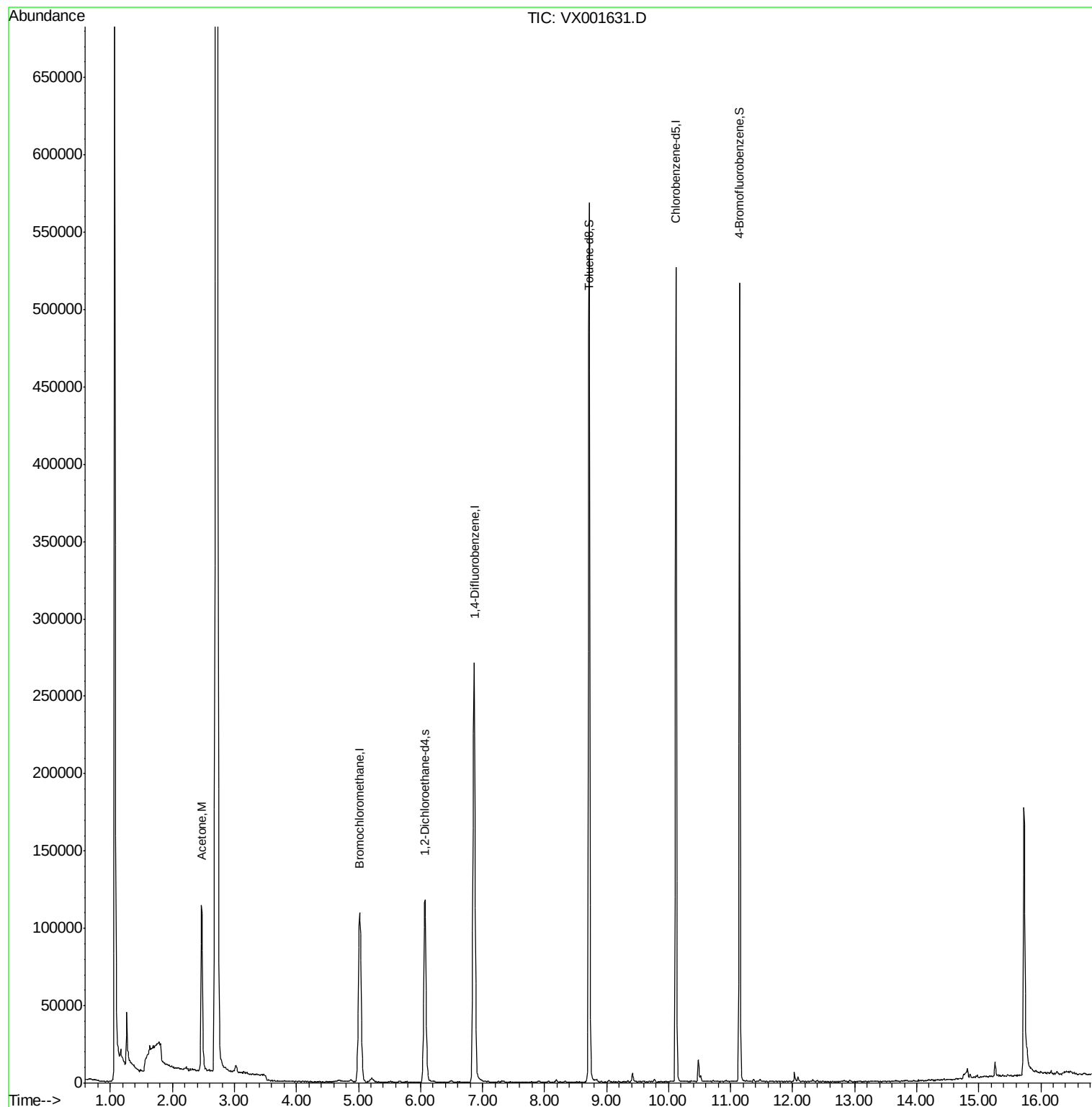
Target Compounds					Ovalue
15) Acetone	2.47	58	37703	90.38	ug/l 95

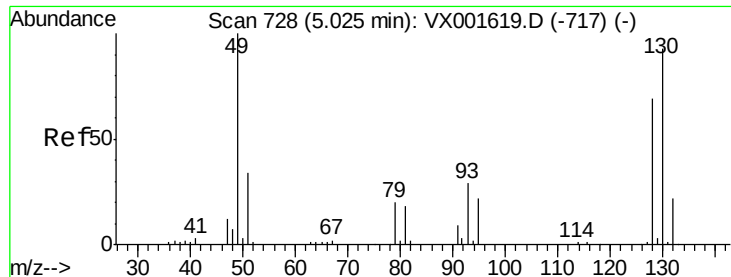
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001631.D

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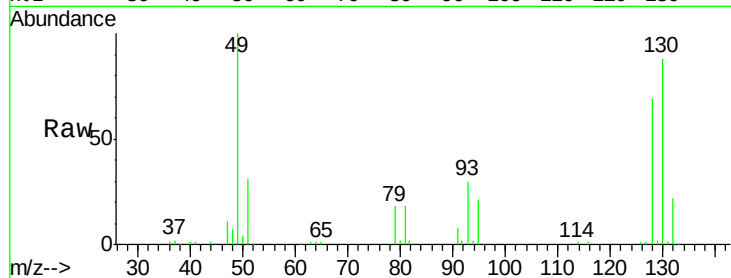
Tot Ion:128 Resp: 49393

Ion Ratio Lower Upper

128 100

49 148.1 0.0 372.0

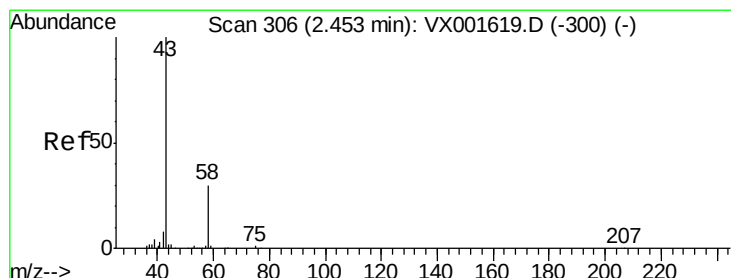
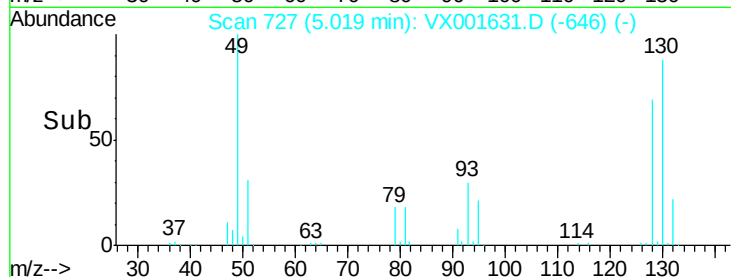
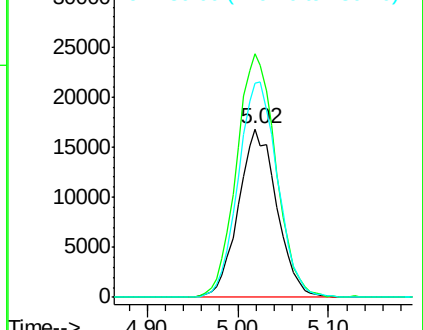
130 131.0 0.0 326.5



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: 90.38 ug/l

RT: 2.47 min Scan# 309

Delta R.T. 0.02 min

Lab File: VX001631.D

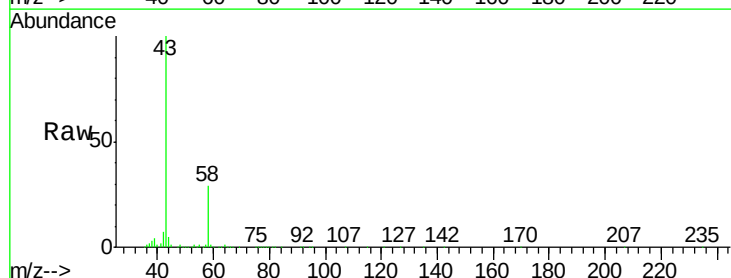
Acq: 11 May 2018 09:52

Tgt Ion: 58 Resp: 37703

Ion Ratio Lower Upper

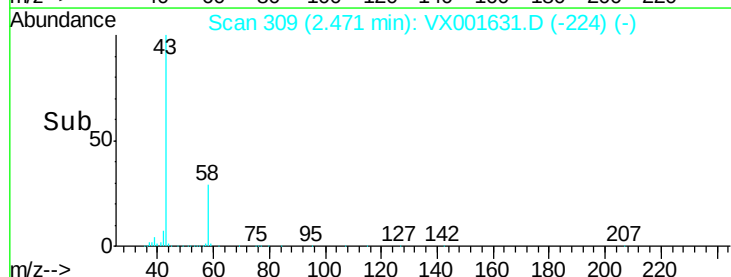
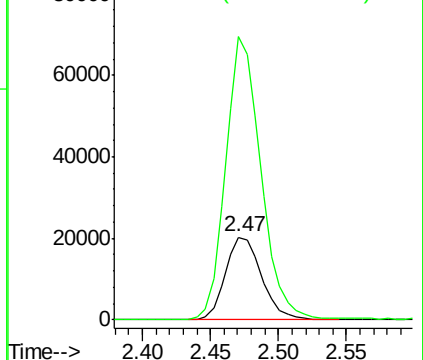
58 100

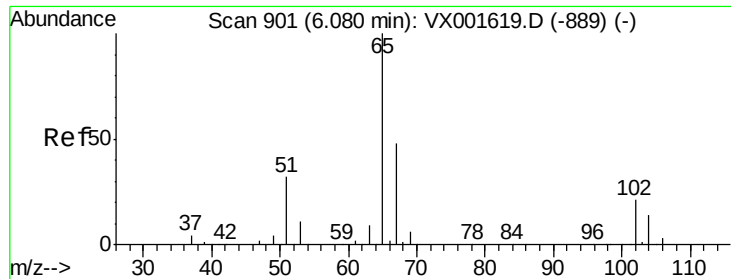
43 340.2 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

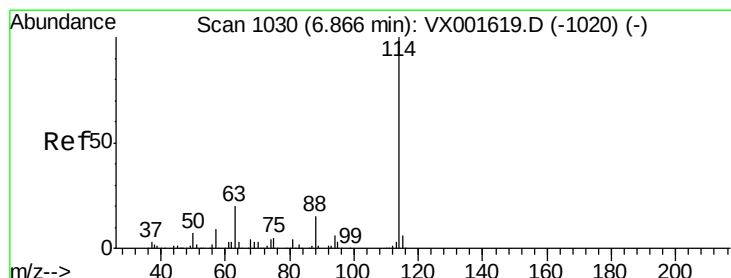
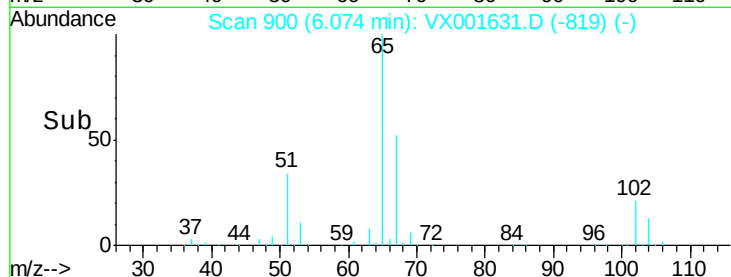
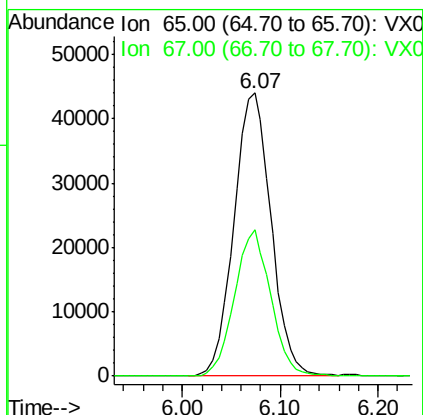
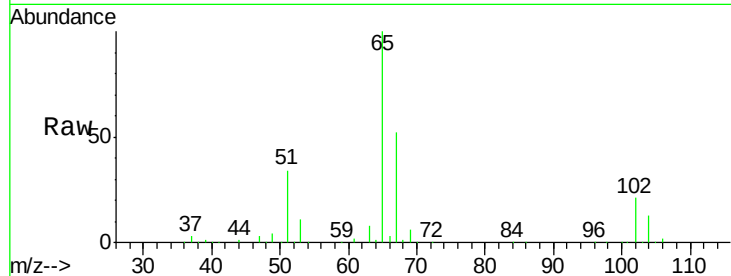




#27
 1,2-Dichloroethane-d4
 Concen: 32.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001631.D
 Acq: 11 May 2018 09:52

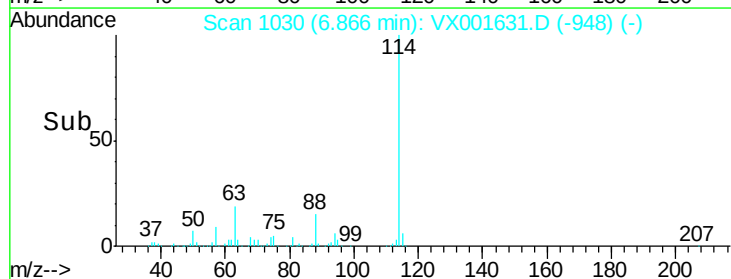
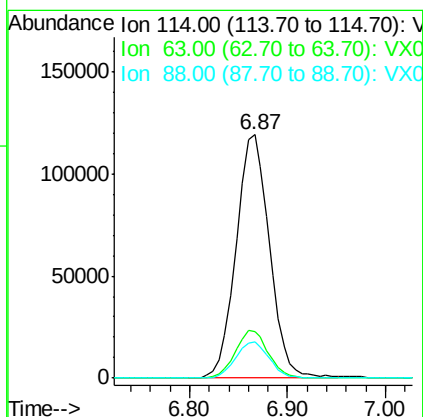
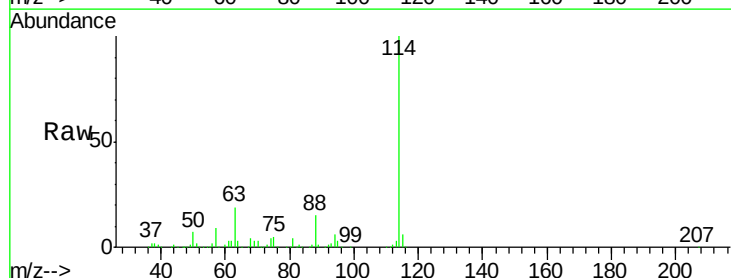
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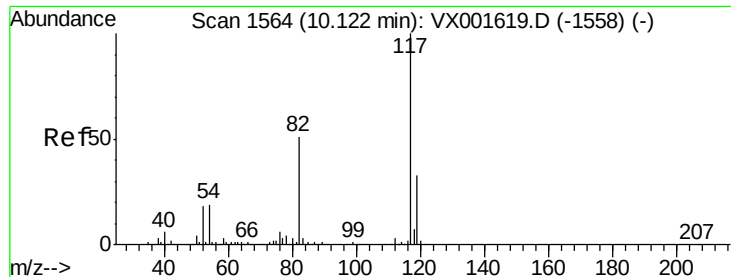
Tot Ion: 65 Resp: 115925
 Ion Ratio Lower Upper
 65 100
 67 50.0 40.2 60.2



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001631.D
 Acq: 11 May 2018 09:52

Tgt Ion: 114 Resp: 282585
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.5 23.3
 88 15.0 12.2 18.4

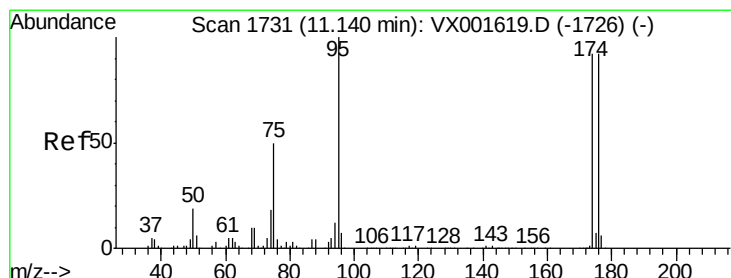
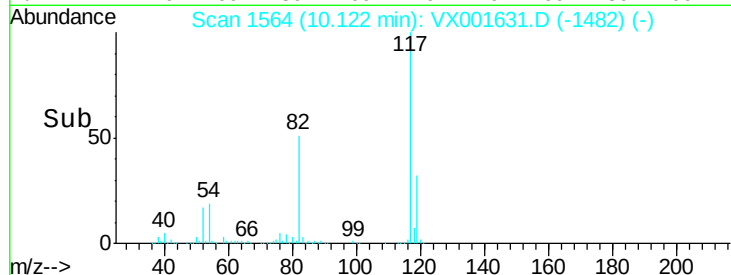
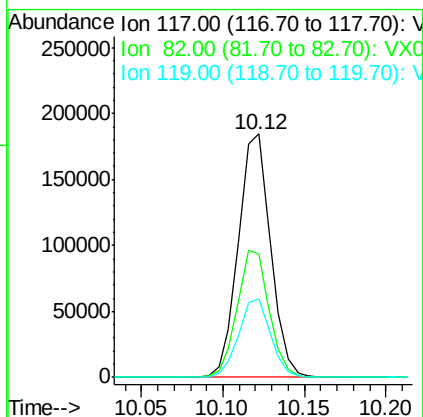
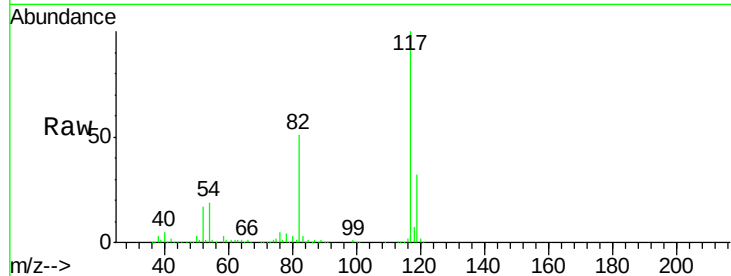




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001631.D
Acq: 11 May 2018 09:52

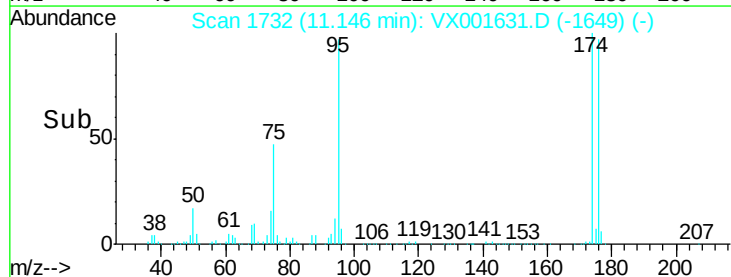
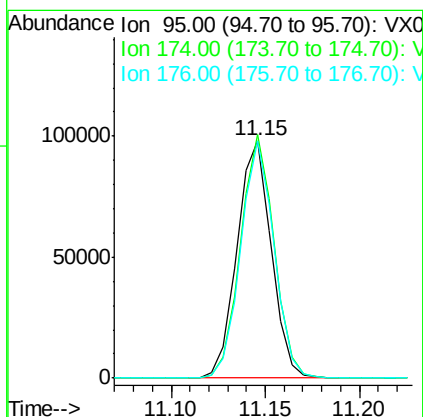
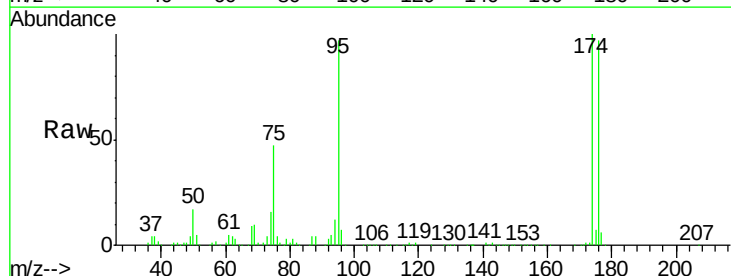
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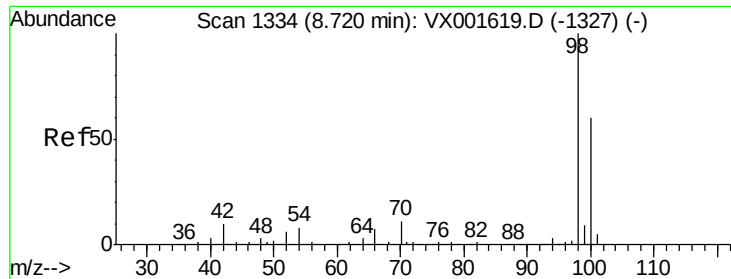
Tot Ion:117 Resp: 254866
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 32.2 26.3 39.5



#60
4-Bromofluorobenzene
Concen: 30.47 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001631.D
Acq: 11 May 2018 09:52

Tgt Ion: 95 Resp: 122899
Ion Ratio Lower Upper
95 100
174 100.6 80.2 120.2
176 97.6 79.2 118.8





#63

Toluene-d8

Concen: 28.95 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001631.D

Acq: 11 May 2018 09:52

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTFALL-001DL

Tot Ion: 98 Resp: 329064

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

