

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
 Data File : VX013172.D
 Acq On : 22 Oct 2019 12:55
 Operator : JC/SP
 Sample : K5460-02DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-02(DSN-001)

Manual Integrations
 APPROVED

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 10/23/2019 3:10:29 PM

Quant Time: Oct 23 07:51:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	25019	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	140679	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	125591	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	59342	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.13	95	61775	28.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.17%
63) Toluene-d8	8.71	98	167909	30.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.20%

Target Compounds

					Ovalue
12) Methyl Acetate	2.76	43	10305	5.199 ug/l	99
15) Acetone	2.43	58	25460	93.232 ug/l	96
25) Chloroform	5.20	83	10146m	3.368 ug/l	

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

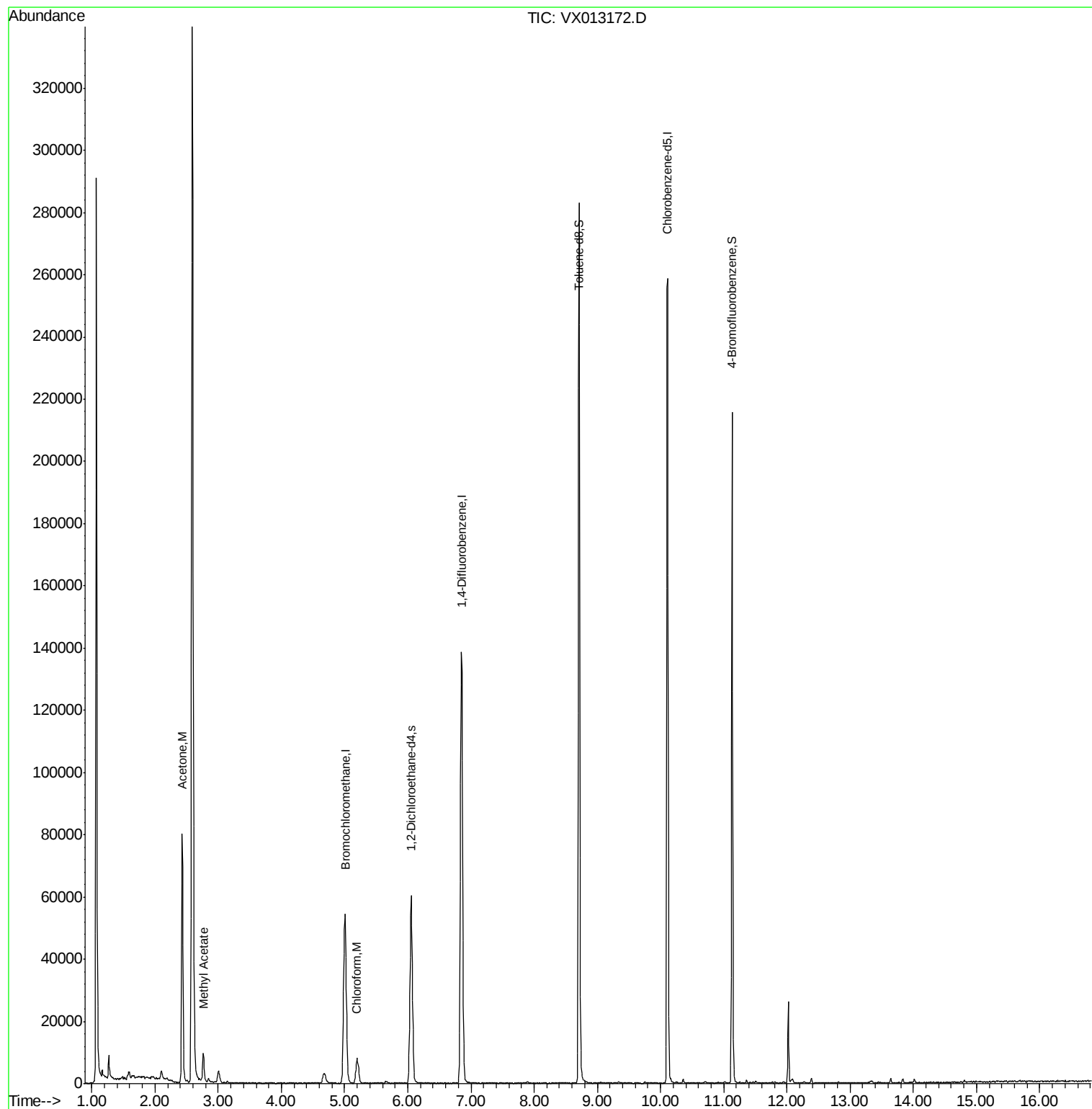
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102219\
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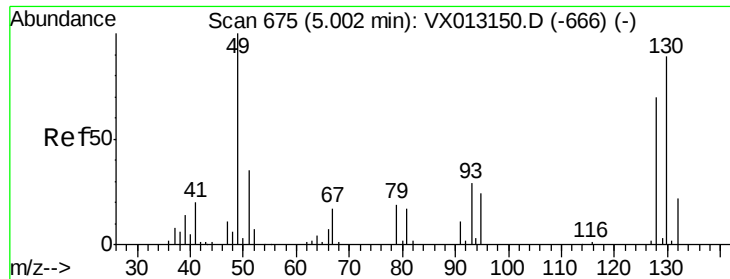
Instrument :
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ClientSampleId :
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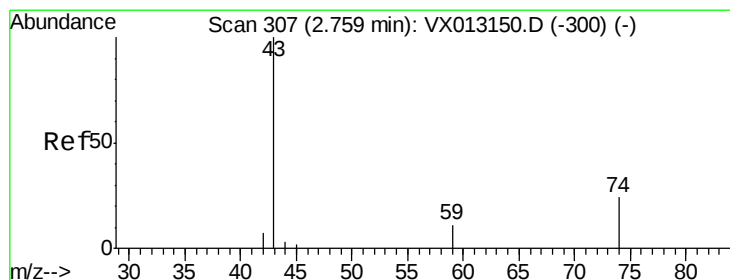
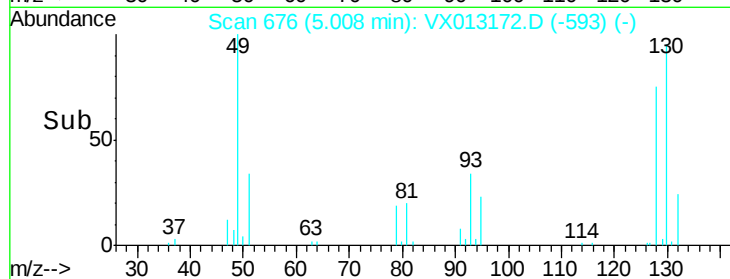
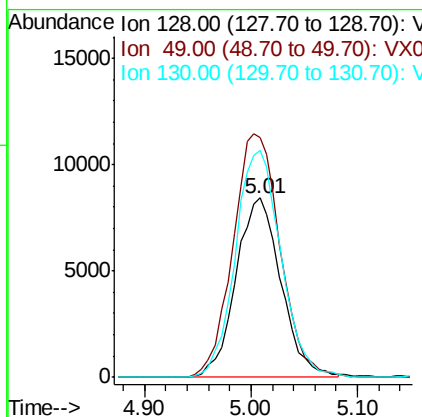
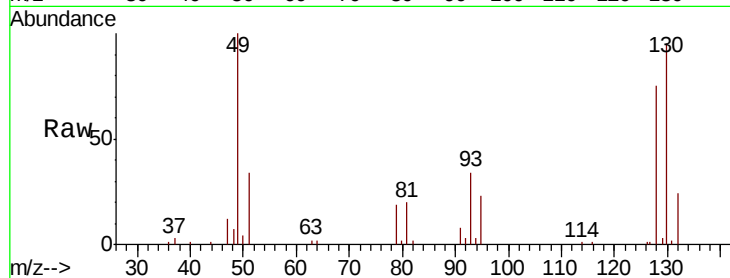
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013172.D
Acq: 22 Oct 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

Tot Ion	Ratio	Lower	Upper
128	100		
49	142.1	0.0	367.3
130	128.3	0.0	325.0

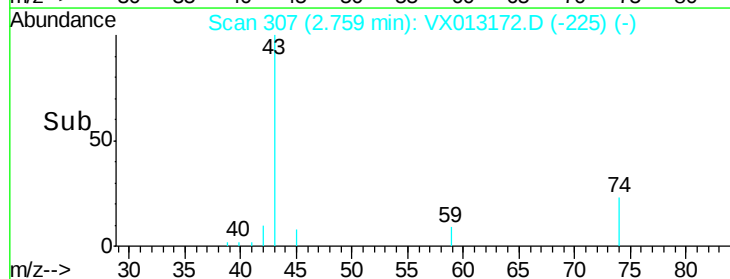
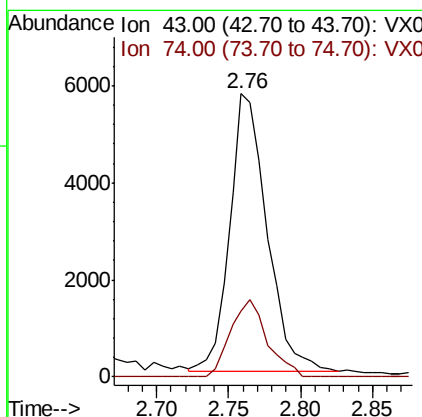
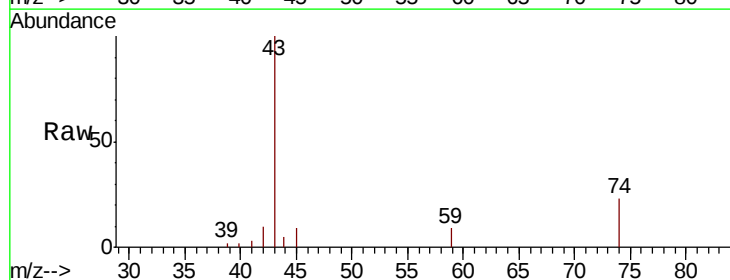
Manual Integrations
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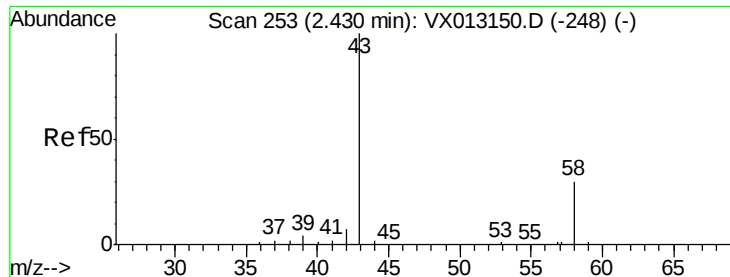
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#12
Methyl Acetate
Concen: 5.199 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013172.D
Acq: 22 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.7	29.5





#15

Acetone

Concen: 93.232 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013172.D

Acq: 22 Oct 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02(DSN-001)

Tot Ion: 58 Resp: 25460

Ion Ratio Lower Upper

58 100

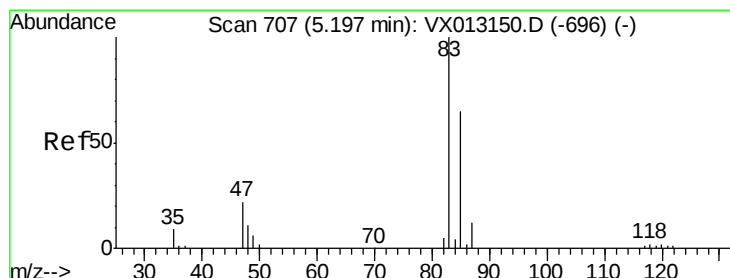
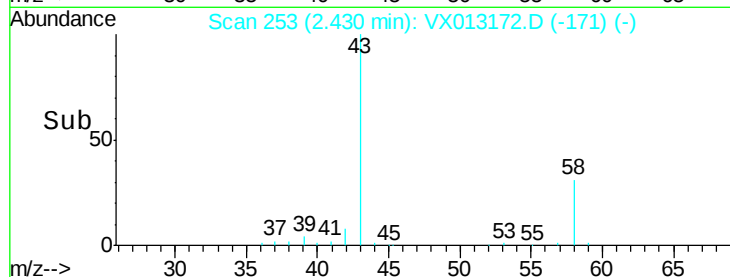
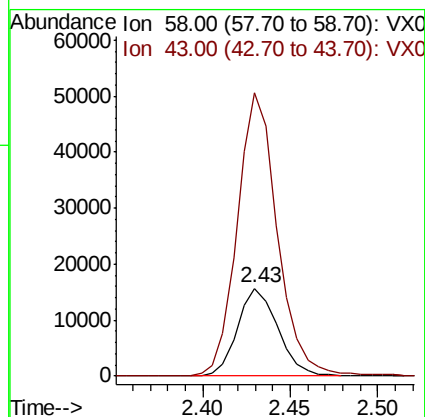
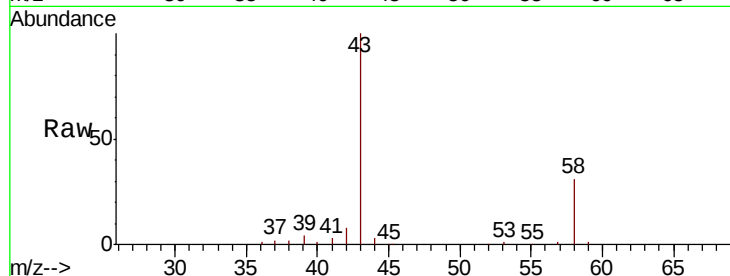
43 320.8 262.8 394.2

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#25

Chloroform

Concen: 3.368 ug/l m

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013172.D

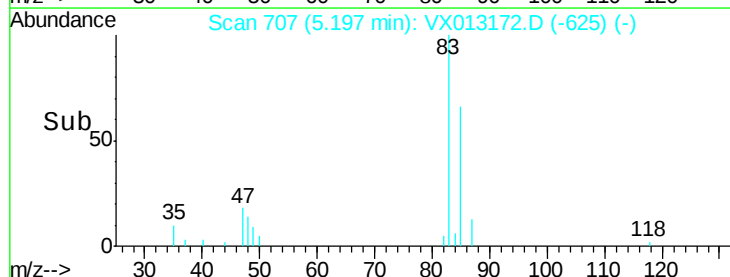
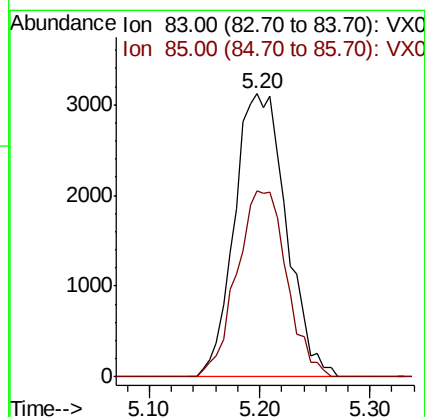
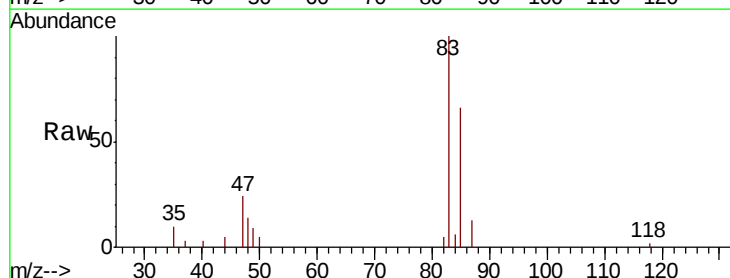
Acq: 22 Oct 2019 12:55

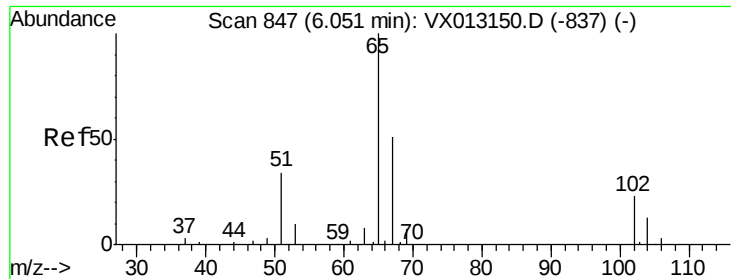
Tgt Ion: 83 Resp: 10146

Ion Ratio Lower Upper

83 100

85 65.6 52.0 78.0





#27

1,2-Dichloroethane-d4

Concen: 30.130 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013172.D

Acq: 22 Oct 2019 12:55

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02(DSN-001)

Tot Ion: 65 Resp: 59342

Ion Ratio Lower Upper

65 100

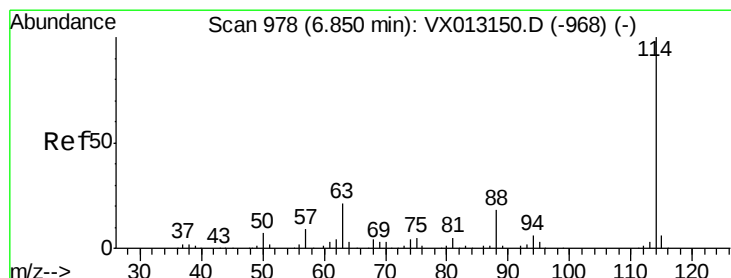
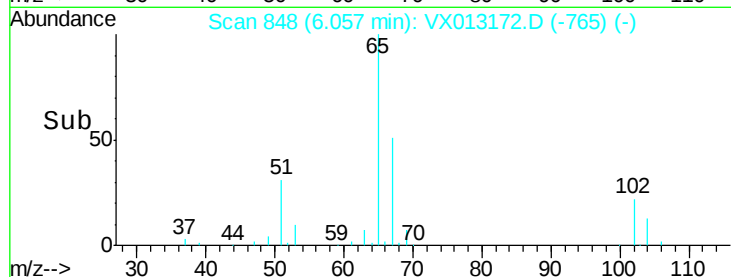
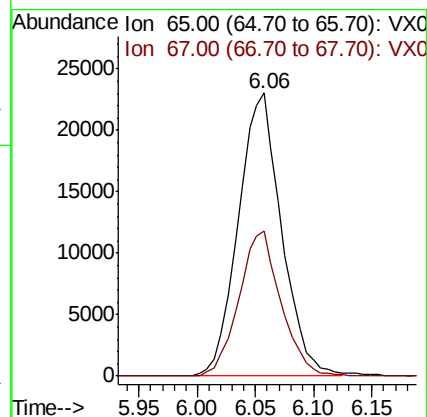
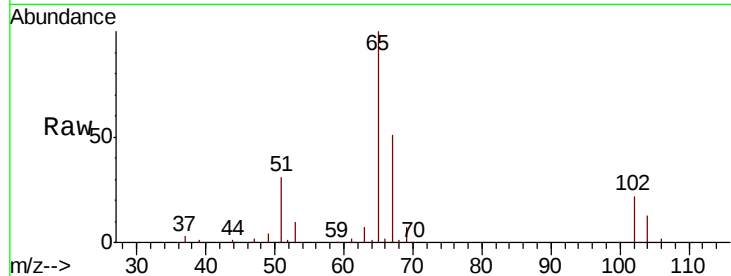
67 50.0 42.2 63.4

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013172.D

Acq: 22 Oct 2019 12:55

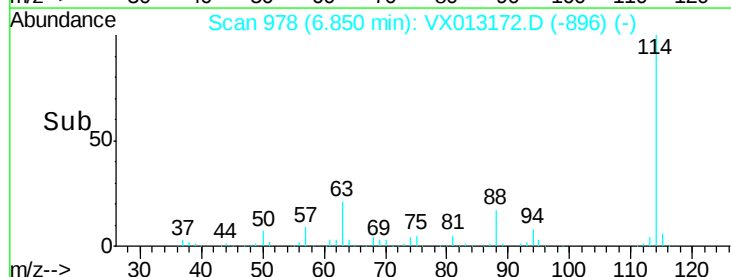
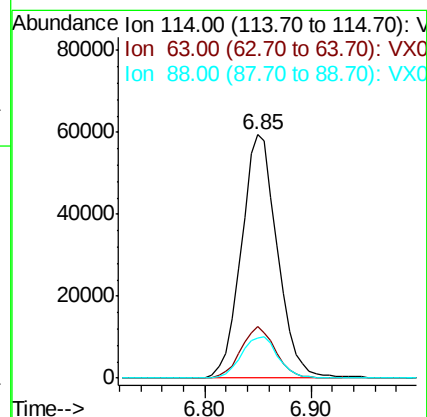
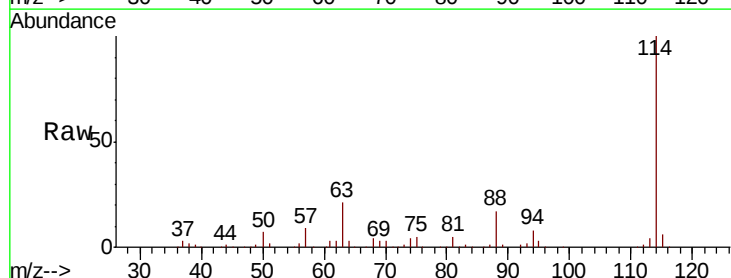
Tgt Ion: 114 Resp: 140679

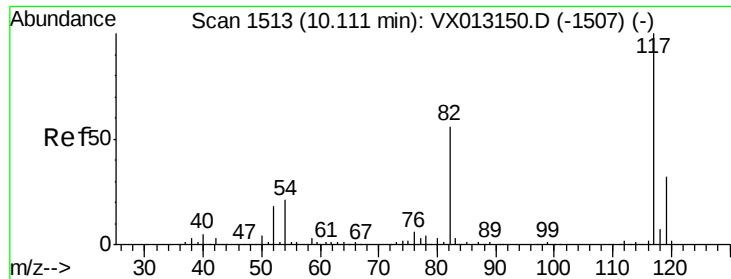
Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

88 17.3 13.7 20.5





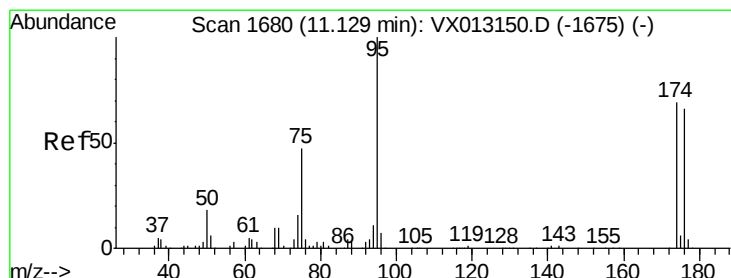
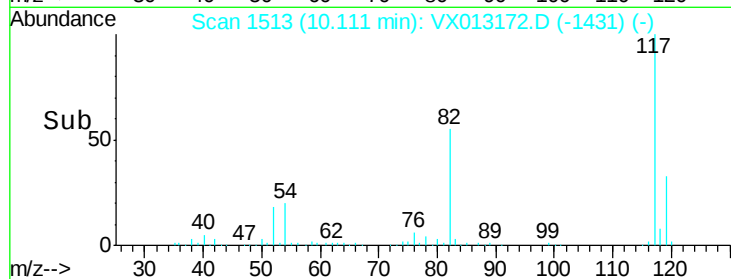
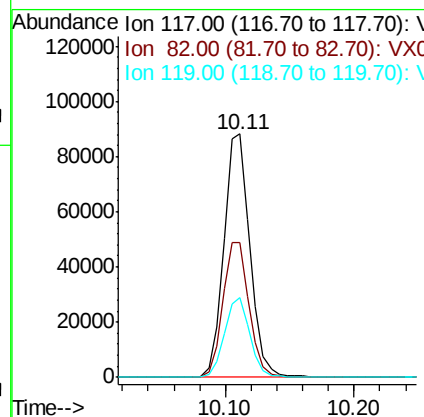
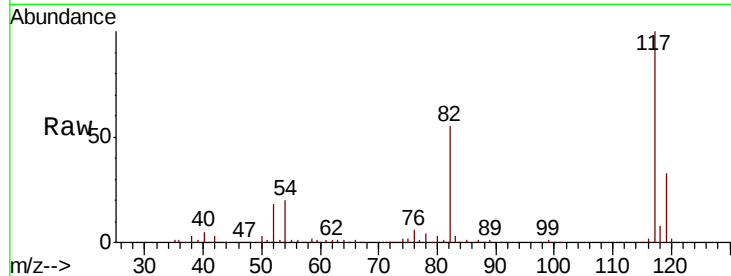
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013172.D
Acq: 22 Oct 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.0	69.0
119	31.7	25.4	38.0

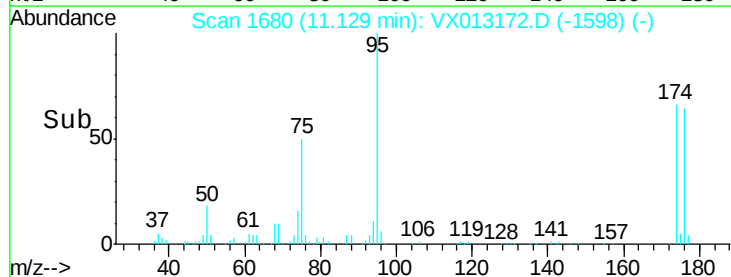
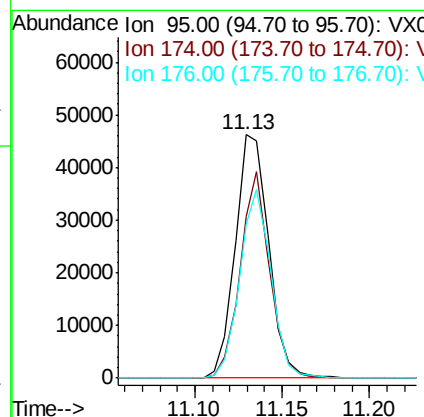
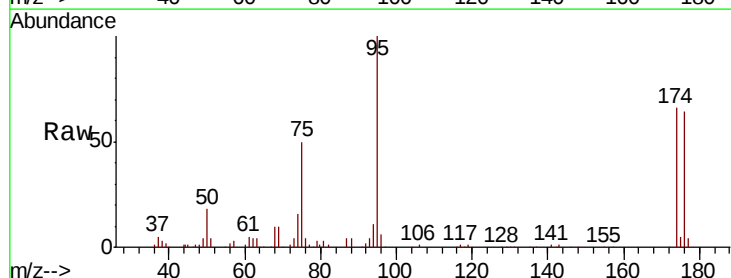
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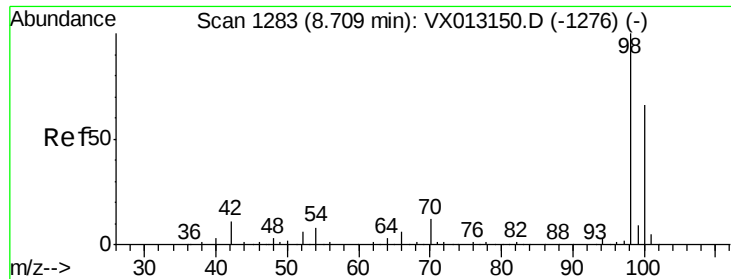
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#60
4-Bromofluorobenzene
Concen: 28.247 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013172.D
Acq: 22 Oct 2019 12:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	60.0	90.0
176	72.1	58.5	87.7





#63
Toluene-d8
Concen: 30.060 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013172.D
Acq: 22 Oct 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100	66.4	53.1	79.7	

Manual Integrations
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