

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013161.D
 Acq On : 21 Oct 2019 18:50
 Operator : JC/SP
 Sample : K5460-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 22 02:25:26 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	5.00	128	25636	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	147999	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	133256	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	62031	30.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.47%
60) 4-Bromofluorobenzene	11.14	95	68267	29.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.07%
63) Toluene-d8	8.71	98	181218	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

					Ovalue	
3) Chloromethane	1.32	50	708	0.441	ug/l	# 83
12) Methyl Acetate	2.76	43	227778	112.158	ug/l	98
15) Acetone	2.44	58	625696	2236.081	ug/l	95
25) Chloroform	5.20	83	187386	60.700	ug/l	98
30) 2-Butanone	4.67	43	2991m	2.480	ug/l	
41) Bromodichloromethane	7.89	83	6001	2.565	ug/l	99
53) Dibromochloromethane	9.57	129	1353	0.732	ug/l	98
62) Toluene	8.78	91	2723	0.379	ug/l	98
66) Ethyl Benzene	10.25	91	2551	0.308	ug/l	96
67) m/p-Xylenes	10.35	106	3511	1.116	ug/l	94
68) o-Xylene	10.70	106	1117	0.372	ug/l	96

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

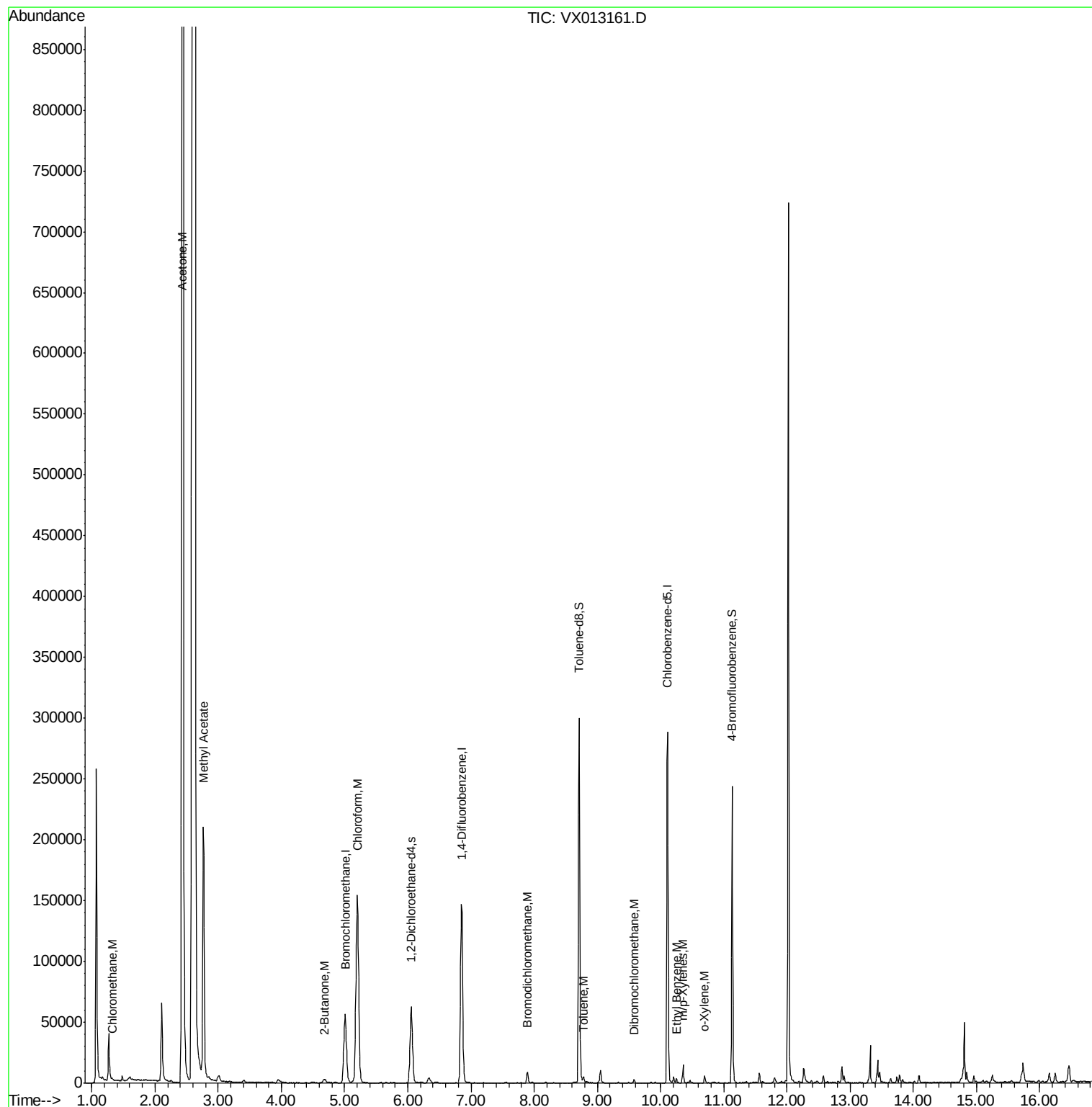
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102119\
Data File : VX013161.D
Acq On : 21 Oct 2019 18:50
Operator : JC/SP
Sample : K5460-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

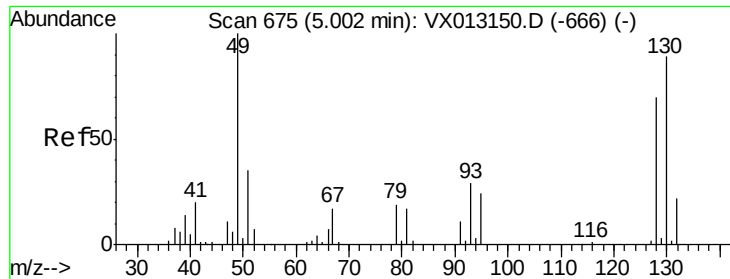
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-02(DSN-001)

Manual Integrations
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Quant Time: Oct 22 02:25:26 2019
Quant Method : Z:\V0ASRV\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





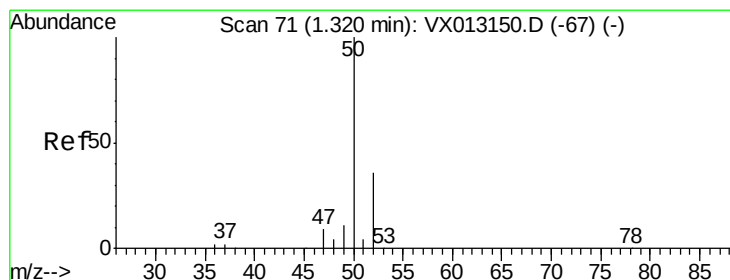
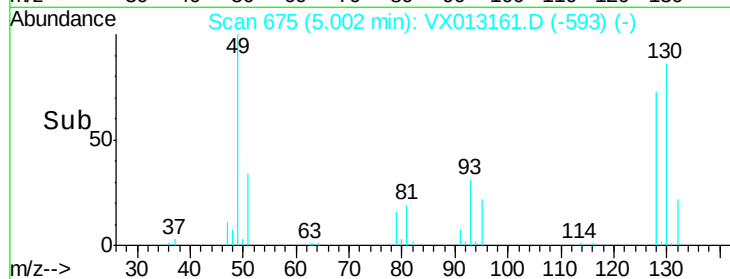
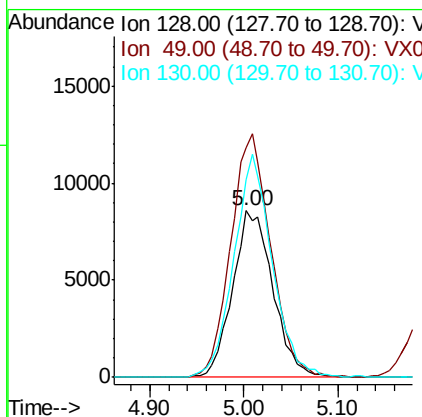
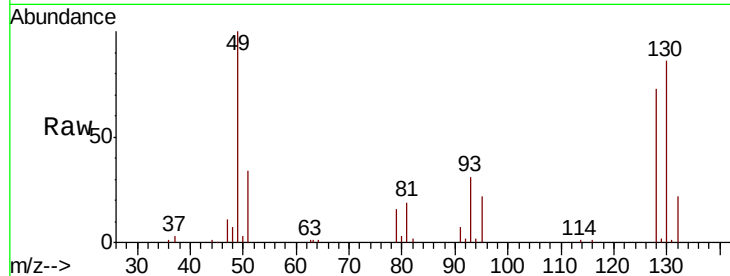
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

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

Tot Ion	Ratio	Lower	Upper
128	100		
49	143.9	0.0	367.3
130	126.8	0.0	325.0

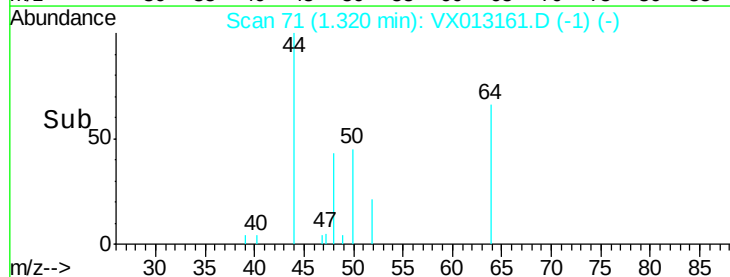
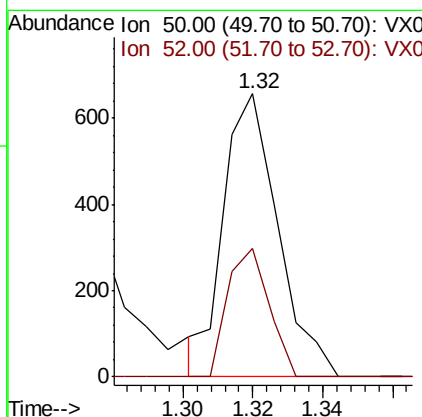
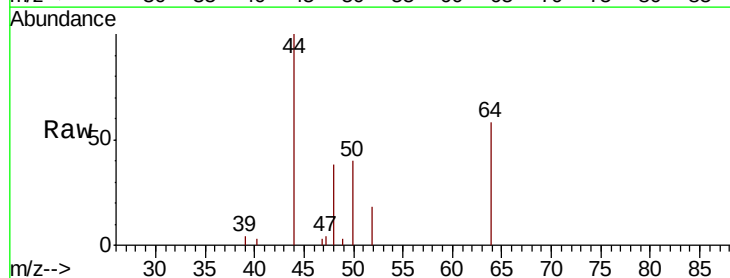
Manual Integrations
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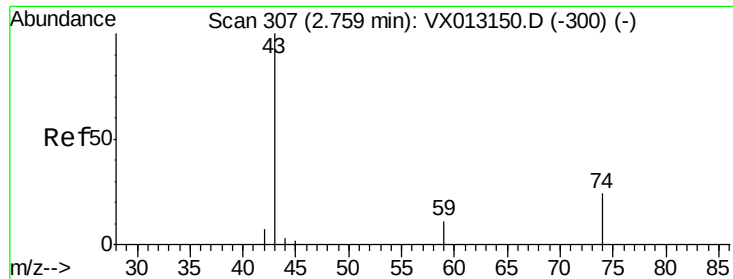
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#3
 Chloromethane
 Concen: 0.441 ug/l
 RT: 1.32 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Tgt Ion	Ratio	Lower	Upper
50	100		
52	45.5	28.6	42.8#





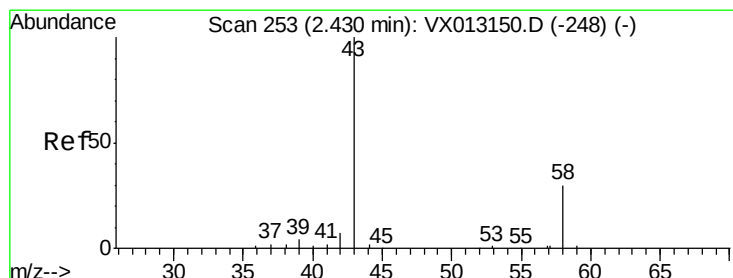
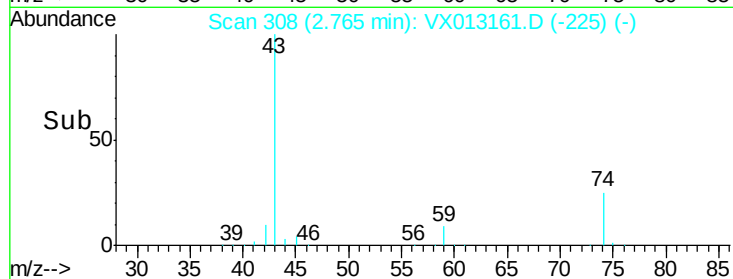
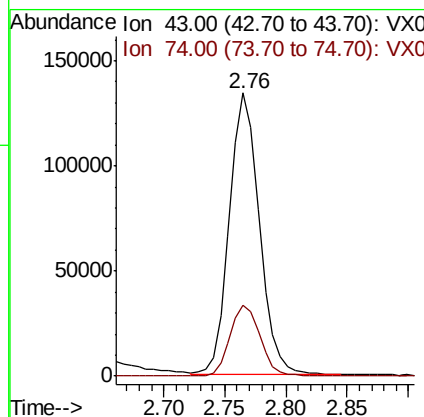
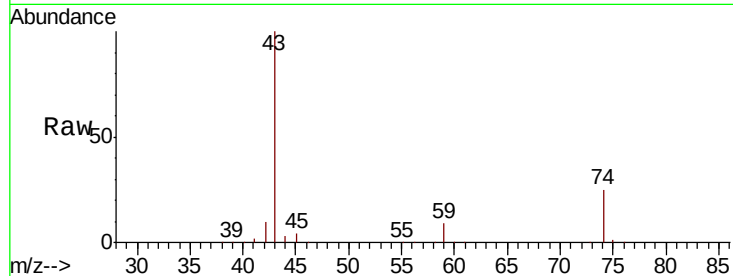
#12
Methvl Acetate
Concen: 112.158 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

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

Tot Ion	43	Ratio	Lower	Upper
43	100			
74	25.4	19.7	29.5	

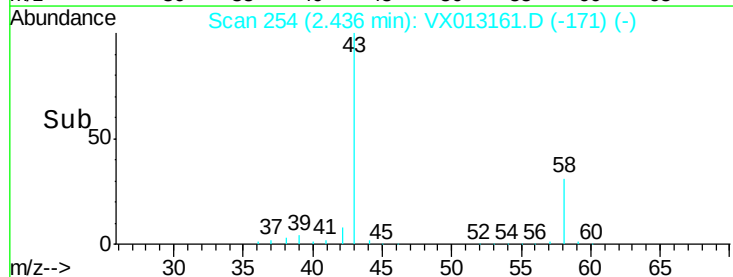
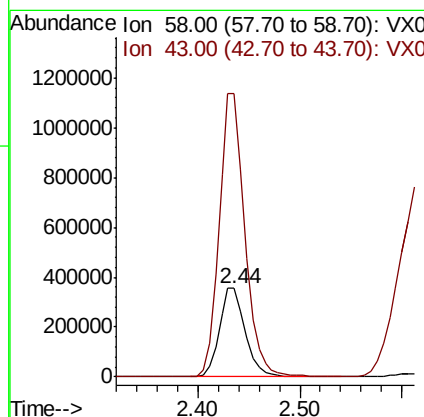
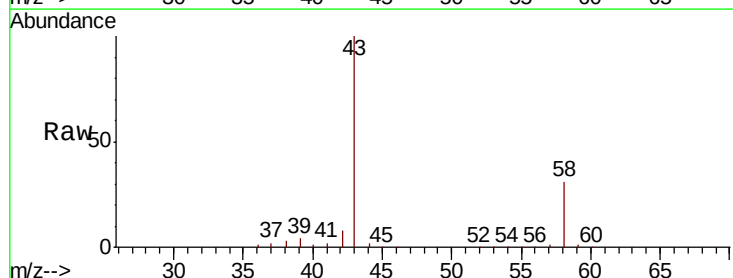
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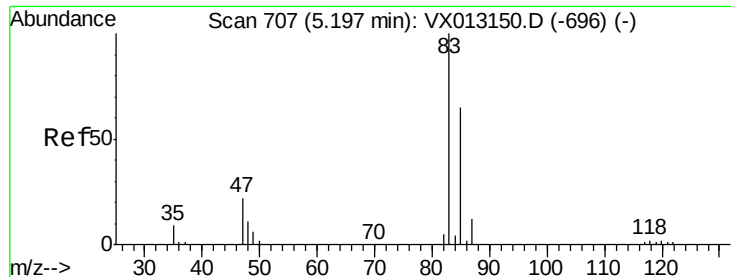
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#15
Acetone
Concen: 2236.081 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion	58	Ratio	Lower	Upper
58	100			
43	318.9	262.8	394.2	





#25

Chloroform

Concen: 60.700 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-02(DSN-001)

Tot Ion: 83 Resp: 187386

Ion Ratio Lower Upper

83 100

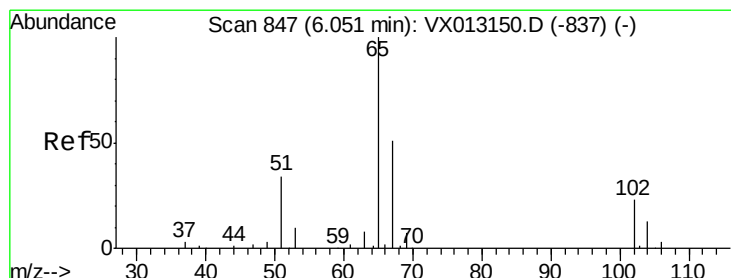
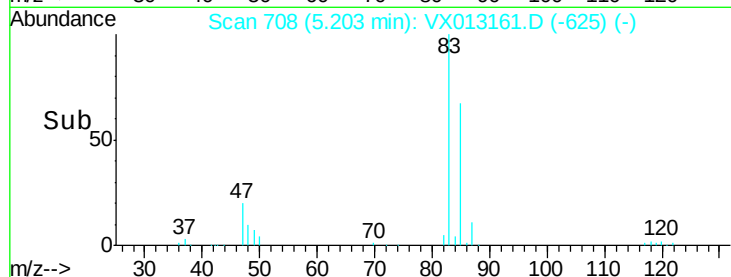
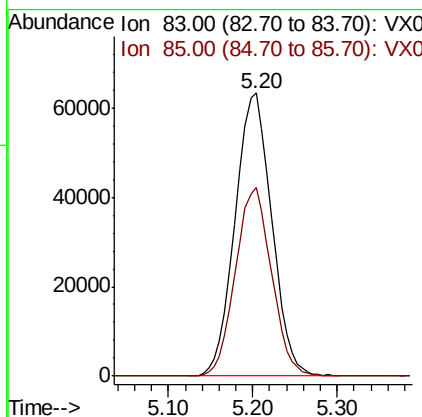
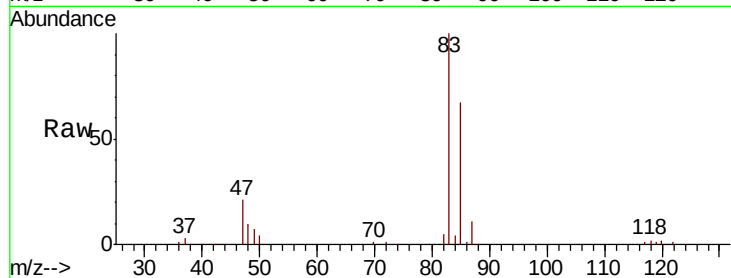
85 66.7 52.0 78.0

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 30.737 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013161.D

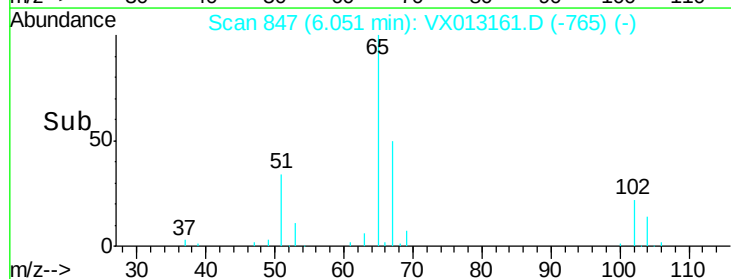
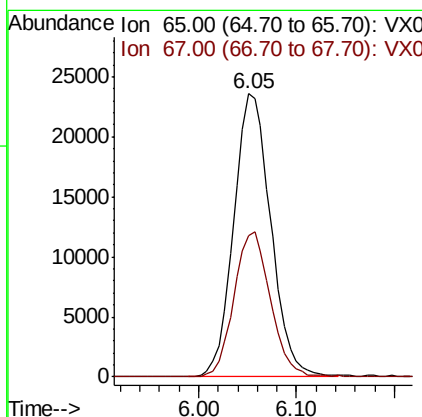
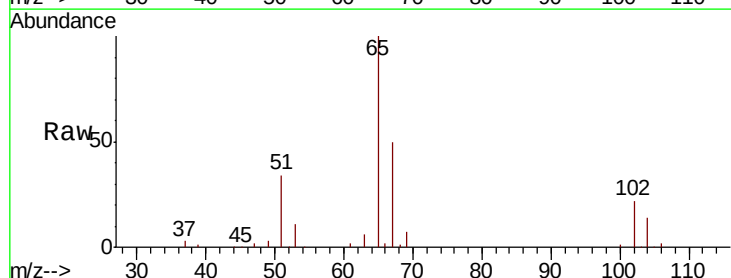
Acq: 21 Oct 2019 18:50

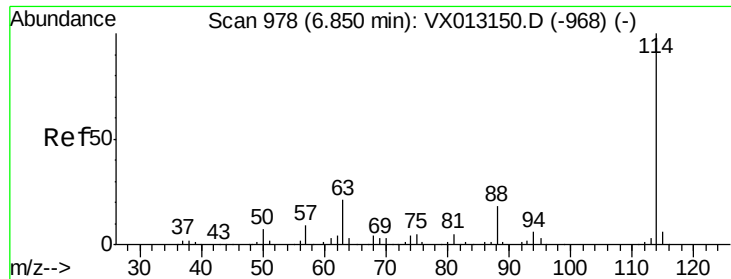
Tgt Ion: 65 Resp: 62031

Ion Ratio Lower Upper

65 100

67 50.4 42.2 63.4





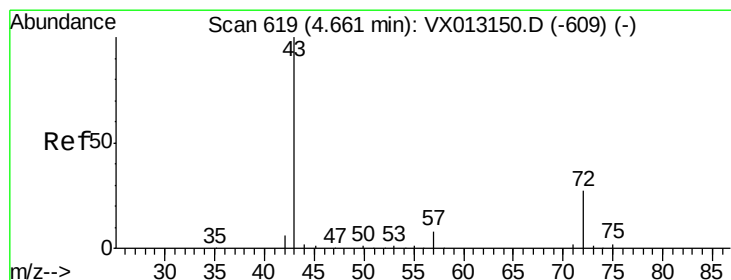
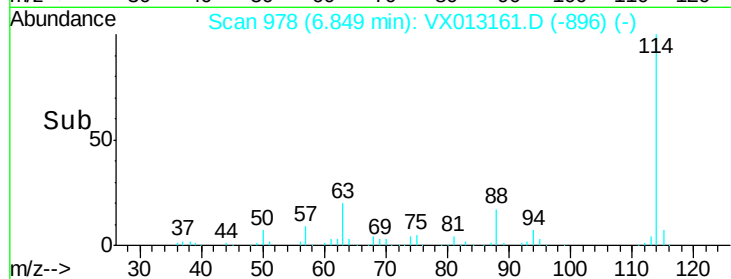
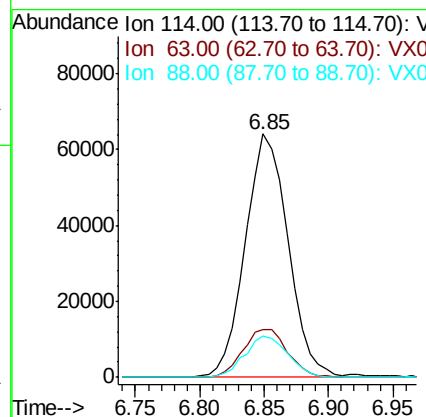
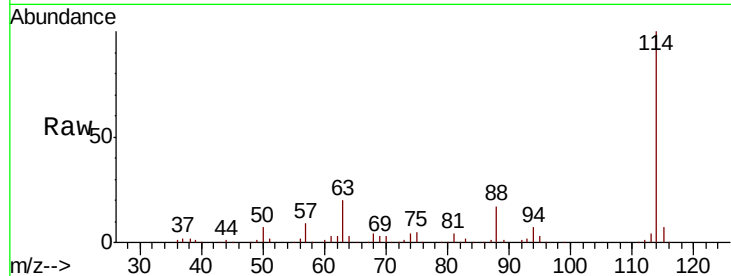
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.1	24.1
88	17.3	13.7	20.5

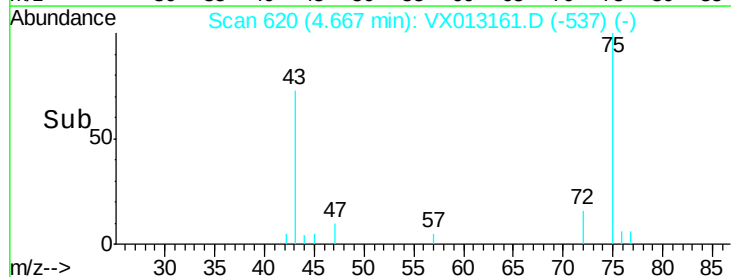
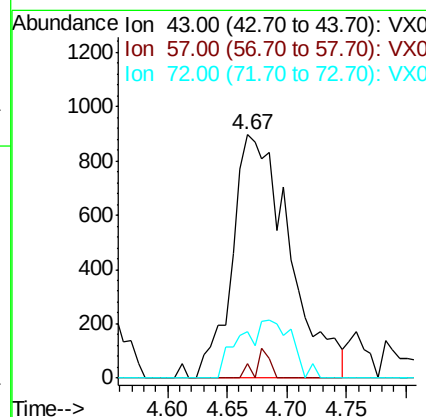
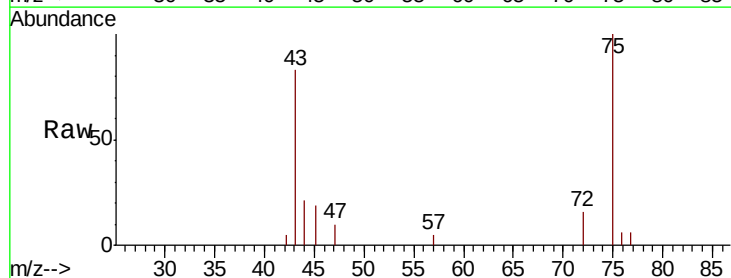
Manual Integrations
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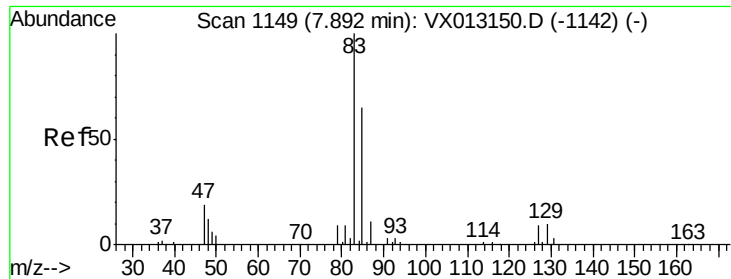
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#30
 2-Butanone
 Concen: 2.480 ug/l m
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX013161.D
 Acq: 21 Oct 2019 18:50

Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.6	7.0	10.6#
72	8.2	23.4	35.2#





#41

Bromodichloromethane

Concen: 2.565 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Instrument :

MSVOA_X

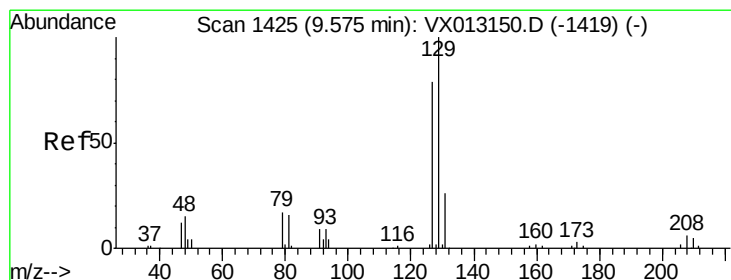
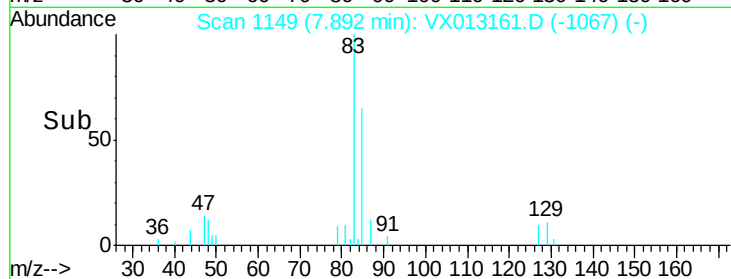
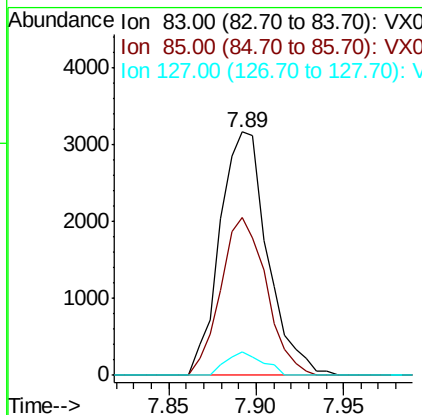
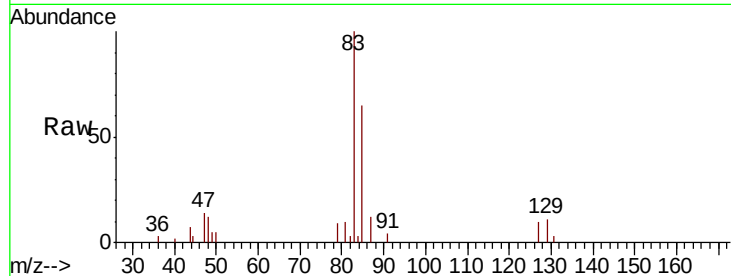
ClientSampleId :

SEWER-OUTLET-02(DSN-001)

Tot Ion:	83	Resp:	6001
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.1	78.1
127	9.7	7.5	11.3

Manual Integrations
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#53

Dibromochloromethane

Concen: 0.732 ug/l

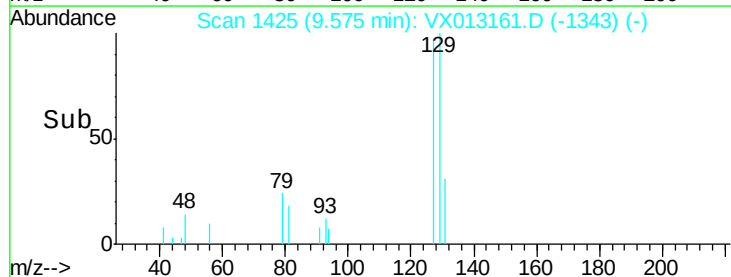
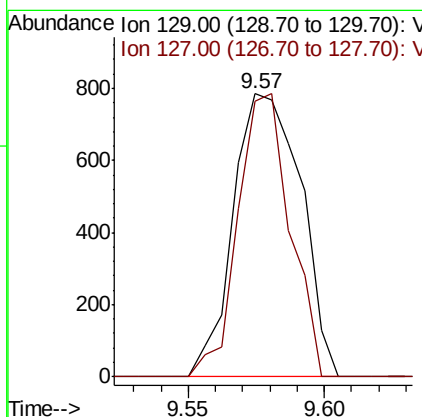
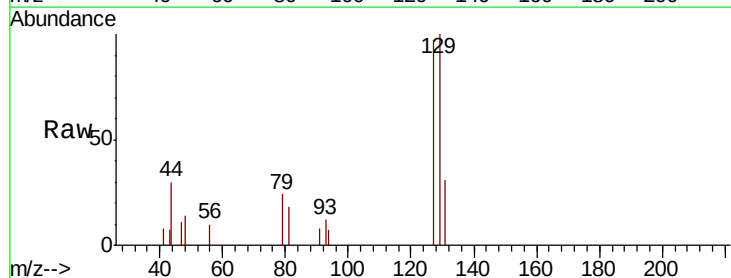
RT: 9.57 min Scan# 1425

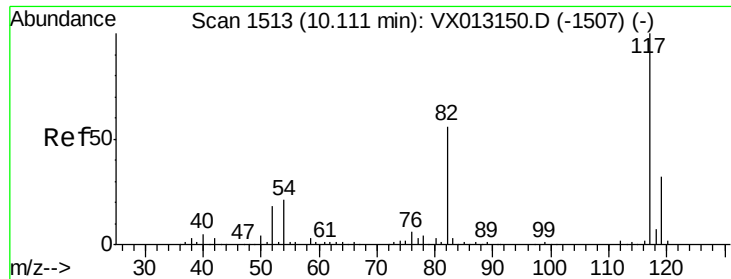
Delta R.T. -0.00 min

Lab File: VX013161.D

Acq: 21 Oct 2019 18:50

Tgt Ion:	129	Resp:	1353
Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.4	118.2





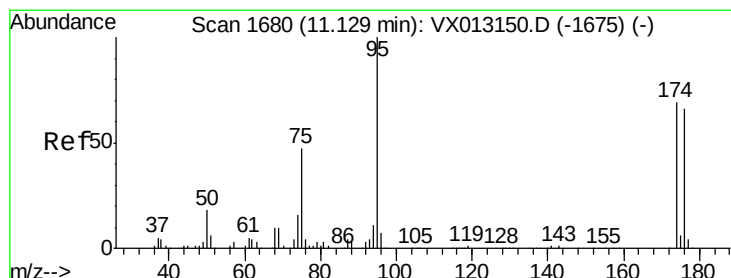
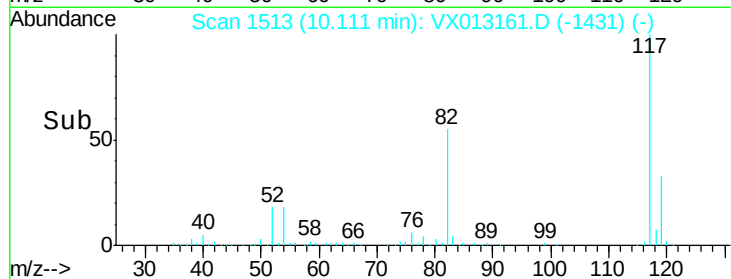
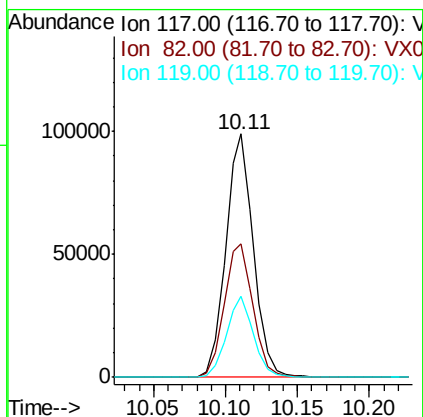
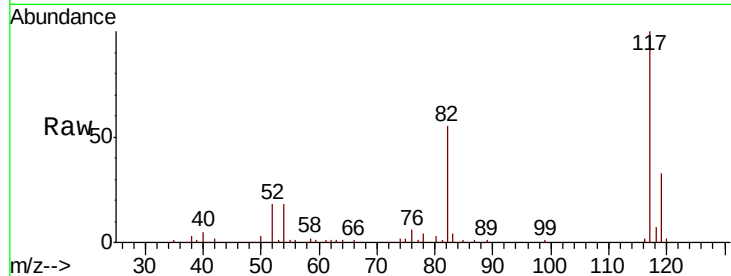
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	133256		
82	57.2	46.0	69.0	
119	32.4	25.4	38.0	

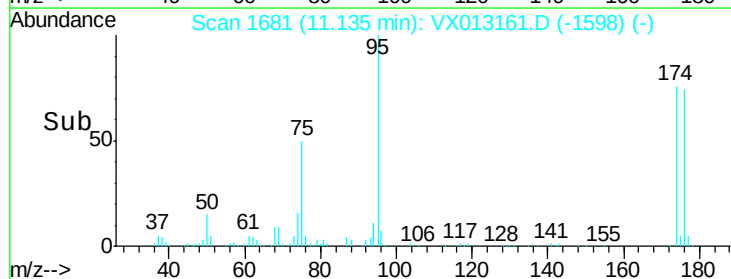
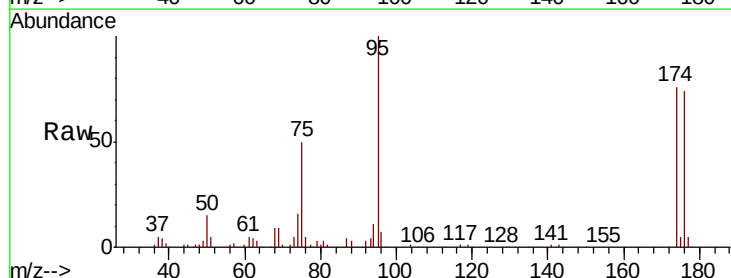
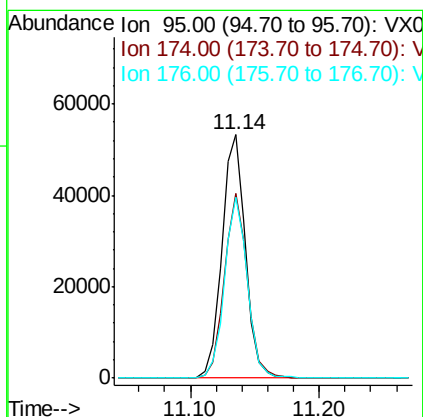
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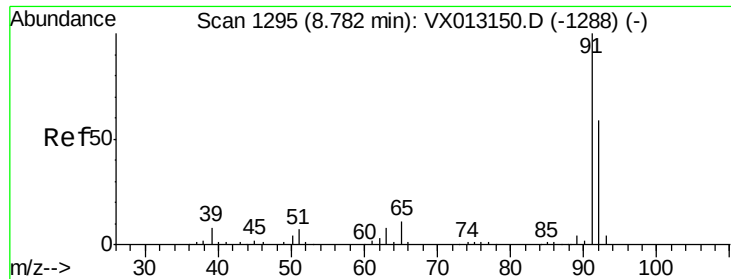
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#60
4-Bromofluorobenzene
Concen: 29.420 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	68267		
174	74.3	60.0	90.0	
176	72.0	58.5	87.7	





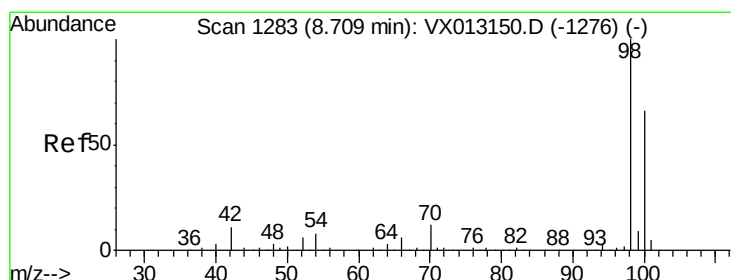
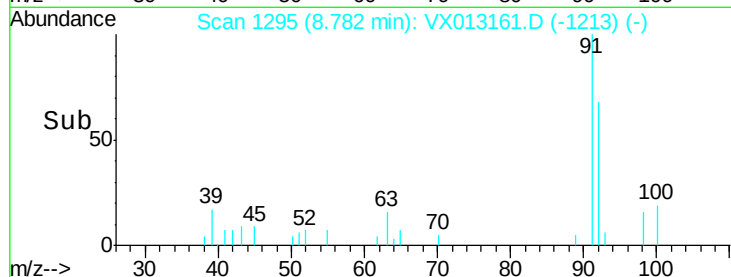
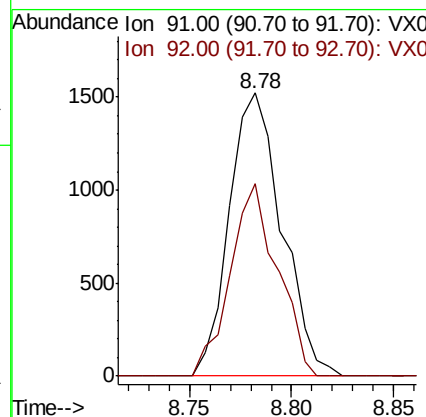
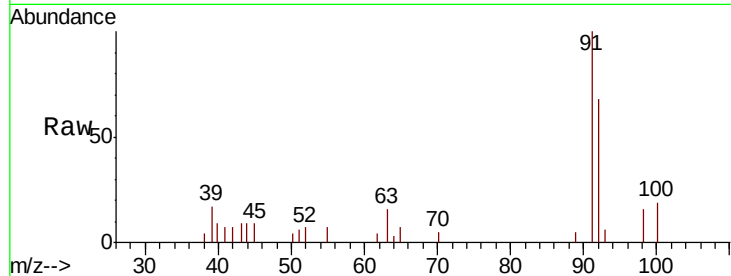
#62
Toluene
Concen: 0.379 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

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

Tot Ion: 91 Resp: 2723
Ion Ratio Lower Upper
91 100
92 60.9 47.7 71.5

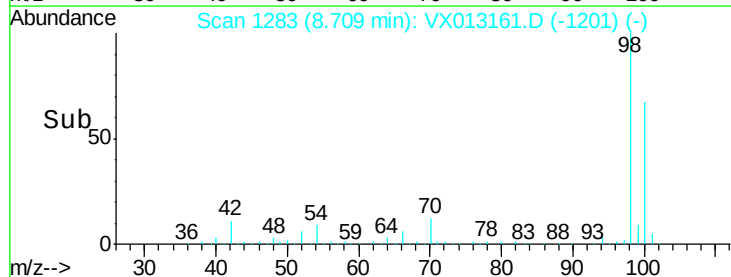
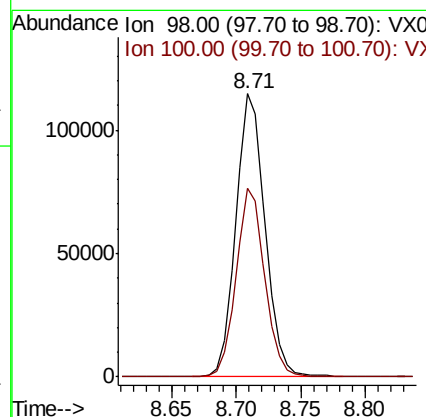
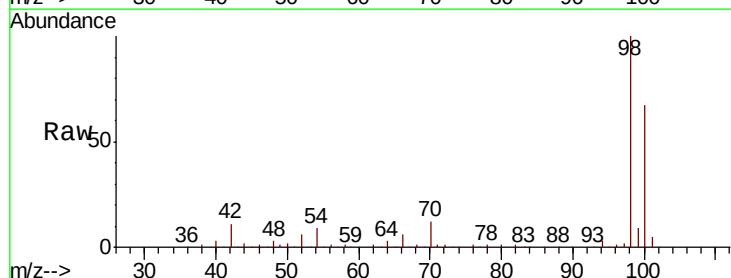
Manual Integrations
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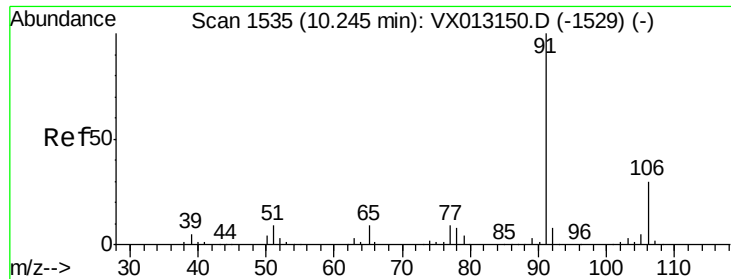
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#63
Toluene-d8
Concen: 30.576 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion: 98 Resp: 181218
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





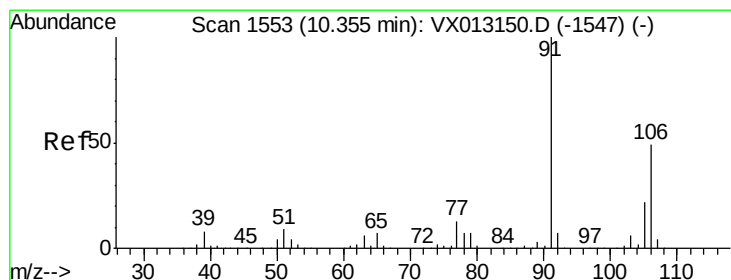
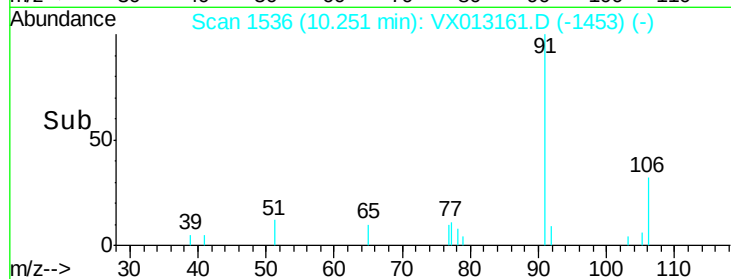
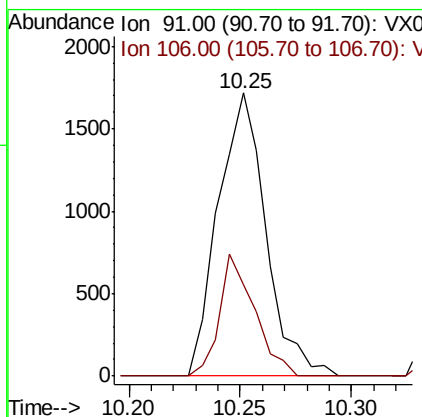
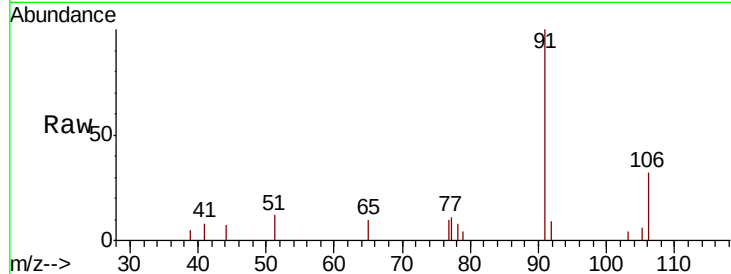
#66
Ethyl Benzene
Concen: 0.308 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

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

Tot Ion: 91 Resp: 2551
Ion Ratio Lower Upper
91 100
106 32.1 23.8 35.6

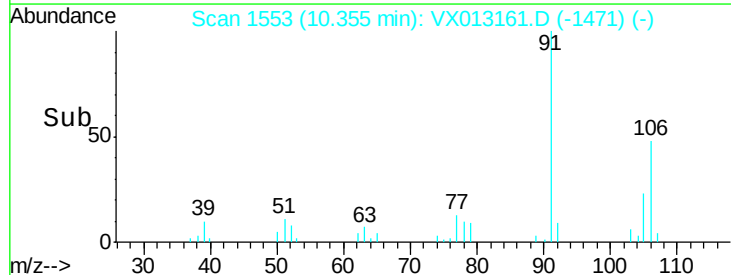
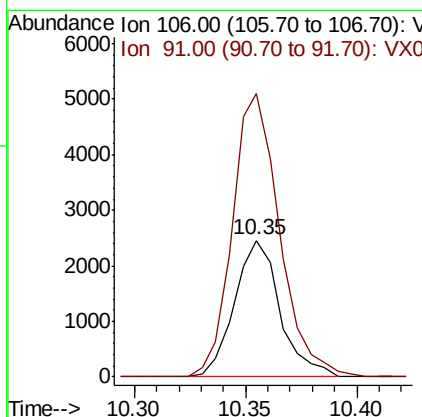
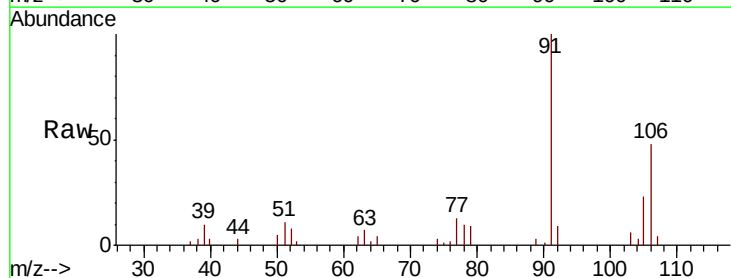
Manual Integrations
APPROVED

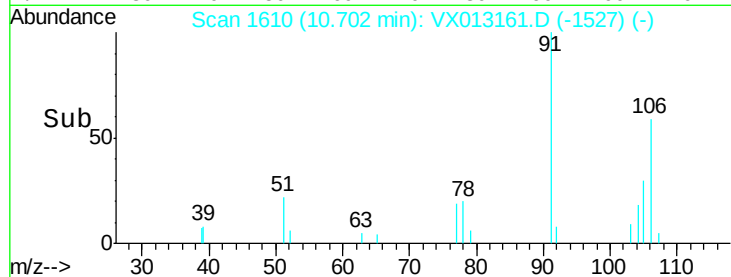
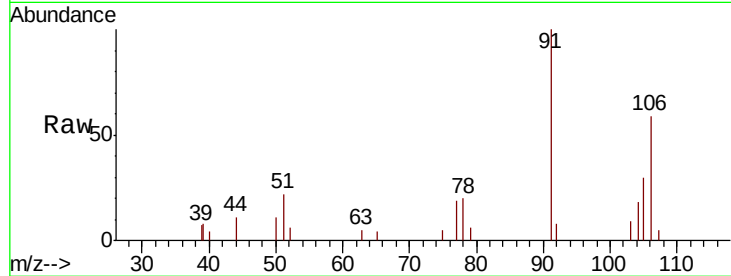
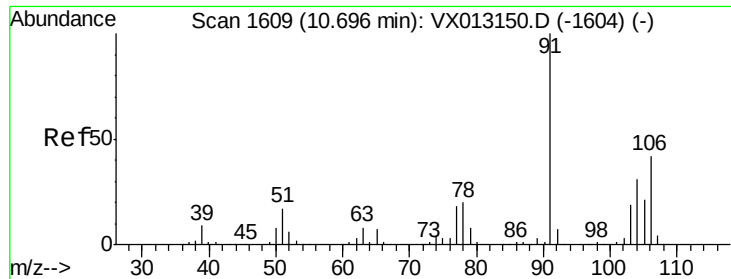
MMDadoda
10/22/2019 12:32:23 PM



#67
m/p-Xylenes
Concen: 1.116 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tgt Ion: 106 Resp: 3511
Ion Ratio Lower Upper
106 100
91 213.9 163.7 245.5





#68
o-Xylene
Concen: 0.372 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX013161.D
Acq: 21 Oct 2019 18:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
1117	106	100			
	91	233.3		113.6	340.8

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

Manual Integrations
APPROVED

MMDadoda
10/22/2019 12:32:23 PM

