

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013160.D
 Acq On : 21 Oct 2019 18:27
 Operator : JC/SP
 Sample : K5460-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01(DSN-001)

Manual Integrations
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Quant Time: Oct 22 02:22:21 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	27285	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	151816	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	133721	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	61961	28.85	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	96.17%		
60) 4-Bromofluorobenzene	11.13	95	64617	27.75	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	92.50%		
63) Toluene-d8	8.71	98	180008	30.27	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	100.90%		

Target Compounds

					Ovalue
12) Methyl Acetate	2.76	43	18301	8.467 ug/l	99
15) Acetone	2.43	58	126617	425.150 ug/l	94
16) Carbon Disulfide	2.56	76	1185	0.265 ug/l #	80
25) Chloroform	5.20	83	21445	6.527 ug/l	92
30) 2-Butanone	4.68	43	2467	1.994 ug/l #	93
41) Bromodichloromethane	7.89	83	6386	2.661 ug/l #	97
44) Isopropyl Acetate	6.45	43	2782m	0.734 ug/l	
46) Methyl methacrylate	7.78	41	1450	0.777 ug/l	95
53) Dibromochloromethane	9.57	129	1672	0.882 ug/l	90

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

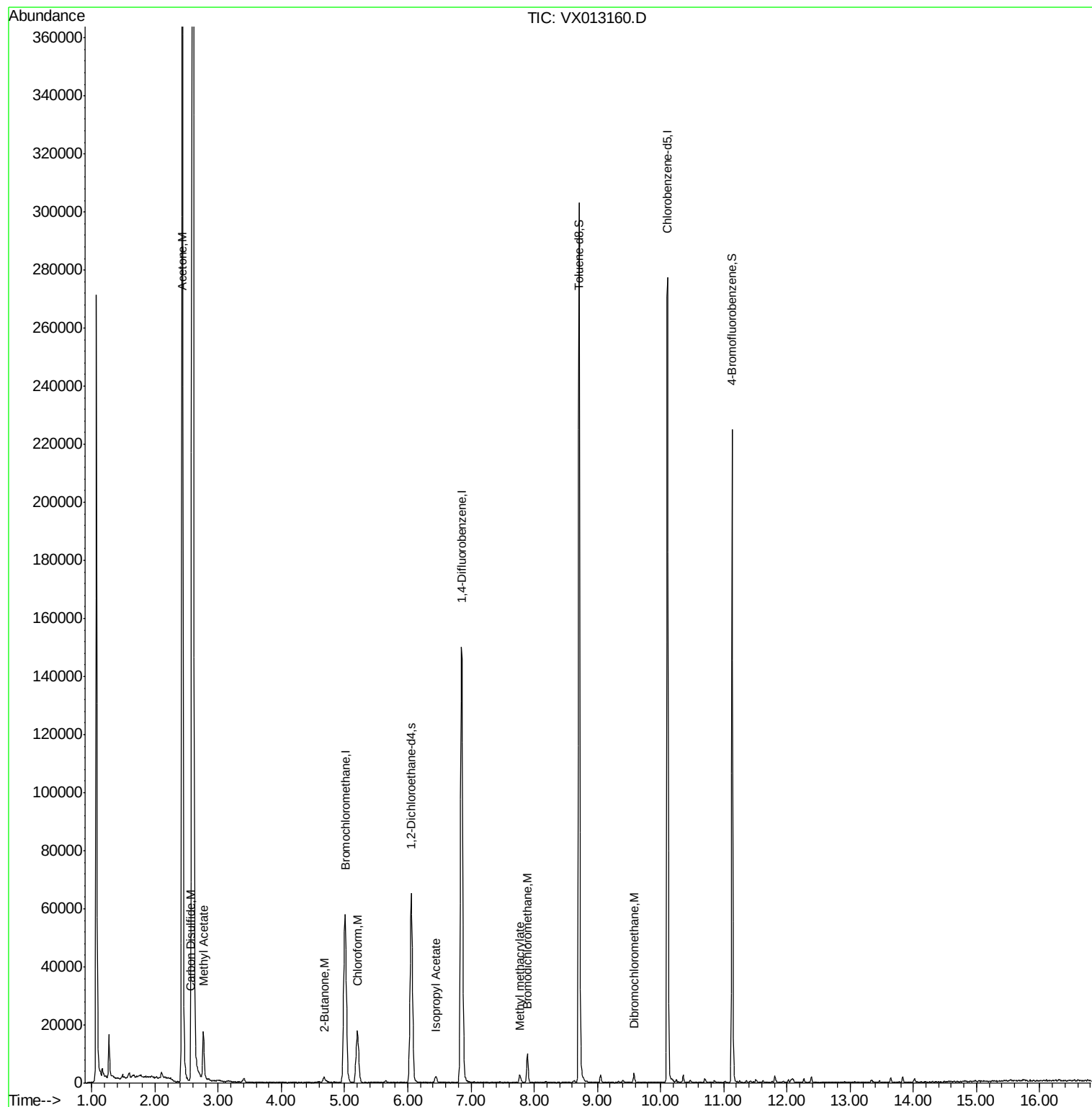
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102119\
Data File : VX013160.D
Acq On : 21 Oct 2019 18:27
Operator : JC/SP
Sample : K5460-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

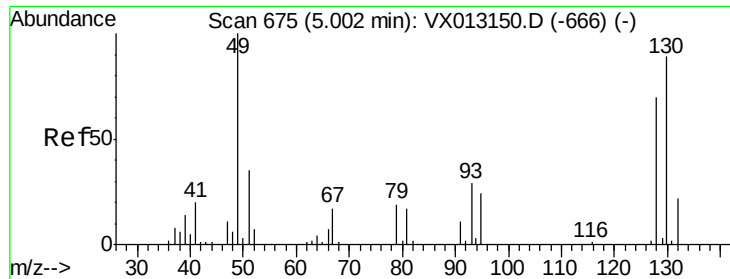
Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01(DSN-001)

Manual Integrations
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Quant Time: Oct 22 02:22:21 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





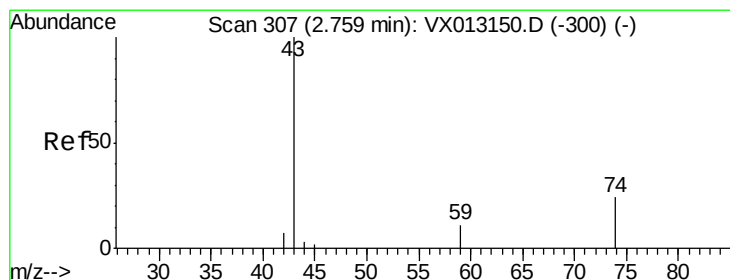
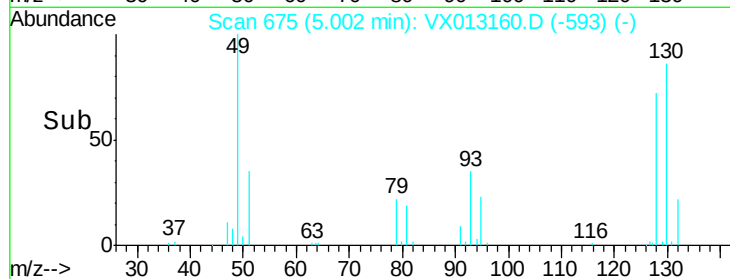
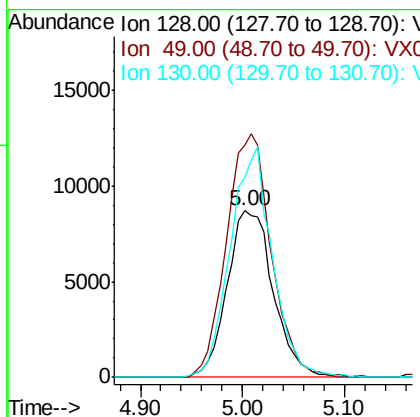
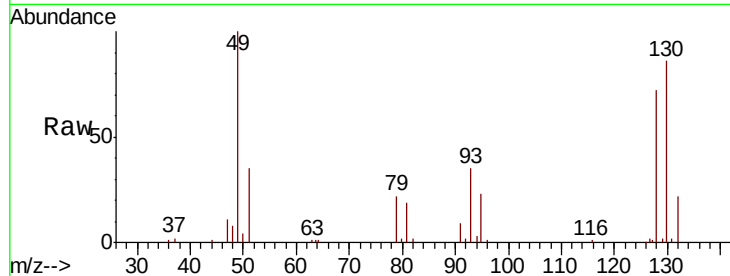
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013160.D
 Acq: 21 Oct 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01(DSN-001)

Tot Ion	Ratio	Lower	Upper
128	100		
49	142.6	0.0	367.3
130	126.3	0.0	325.0

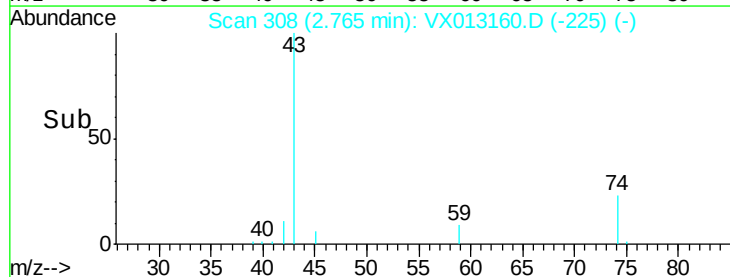
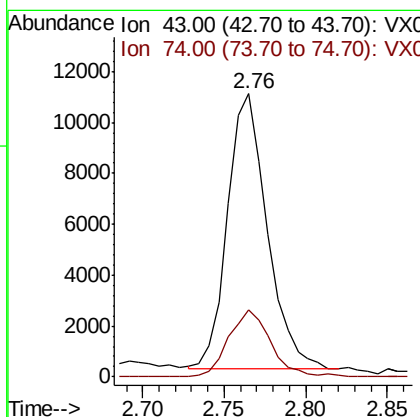
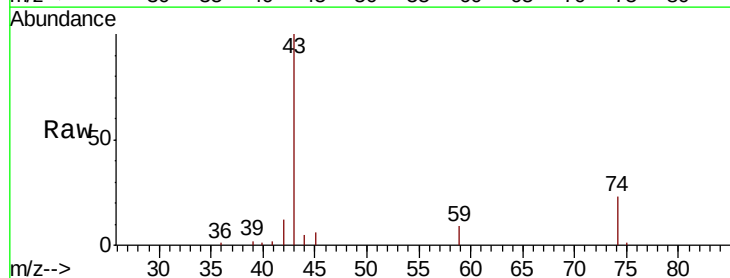
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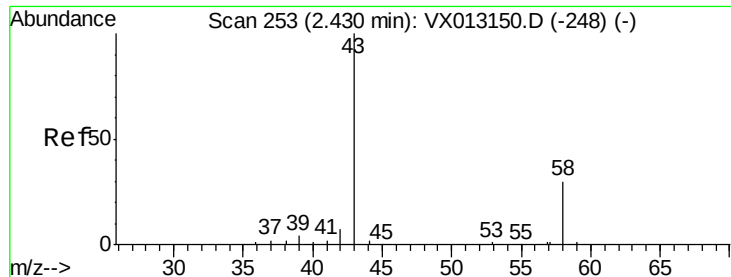
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#12
 Methyl Acetate
 Concen: 8.467 ug/l
 RT: 2.76 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: VX013160.D
 Acq: 21 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.7	29.5





#15

Acetone

Concen: 425.150 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013160.D

Acq: 21 Oct 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

SEWER-OUTLET-01(DSN-001)

Tot Ion: 58 Resp: 126617

Ion Ratio Lower Upper

58 100

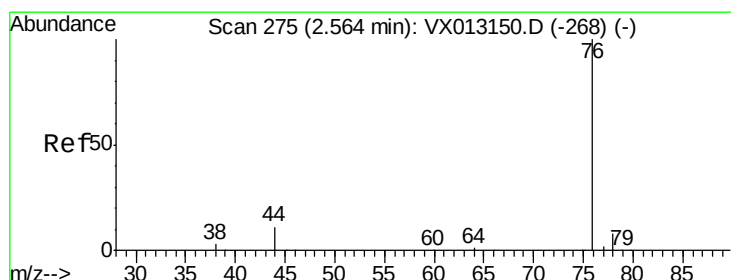
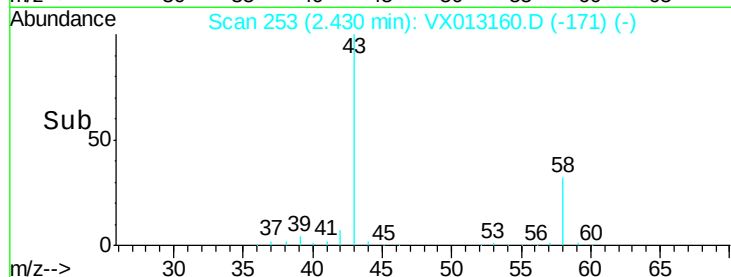
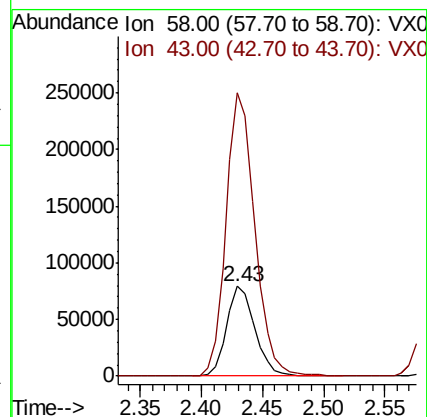
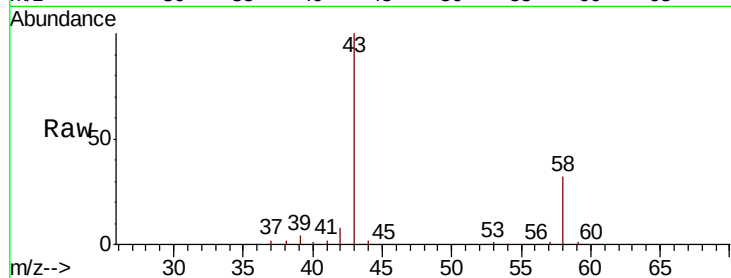
43 315.9 262.8 394.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 0.265 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013160.D

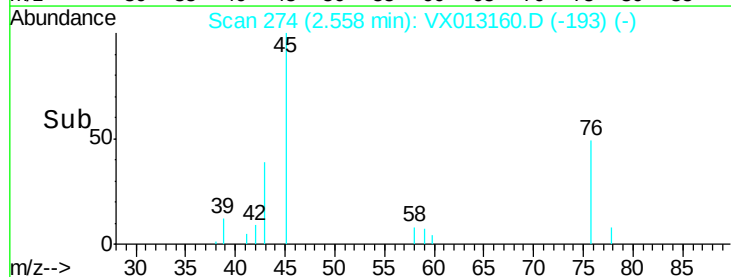
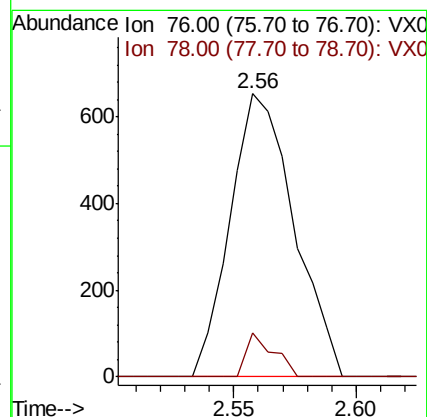
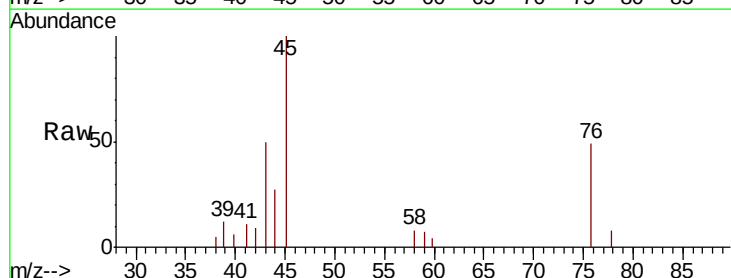
Acq: 21 Oct 2019 18:27

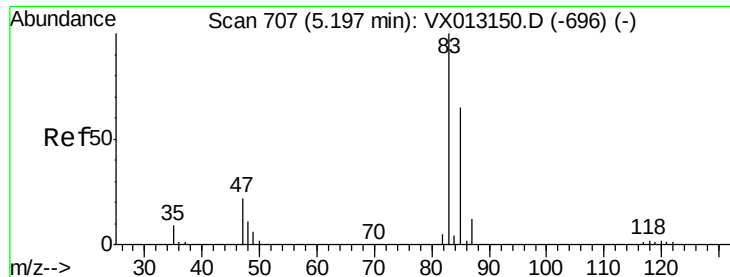
Tgt Ion: 76 Resp: 1185

Ion Ratio Lower Upper

76 100

78 15.5 6.6 10.0#





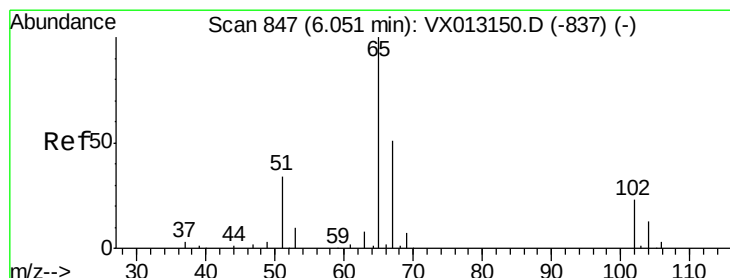
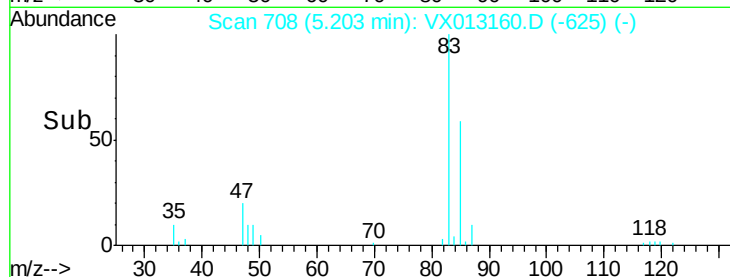
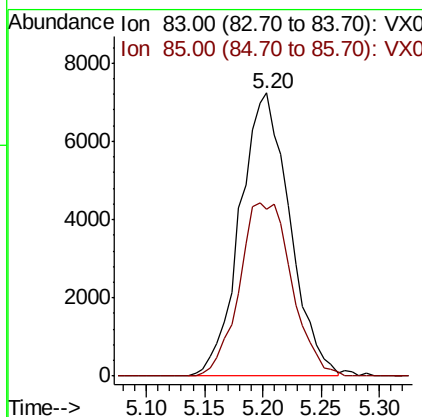
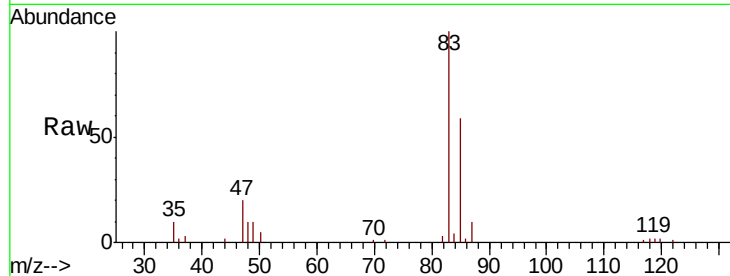
#25
Chloroform
Concen: 6.527 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01(DSN-001)

Tot Ion	83	85	Resp	Lower	Upper
21445	100	58.8		52.0	78.0

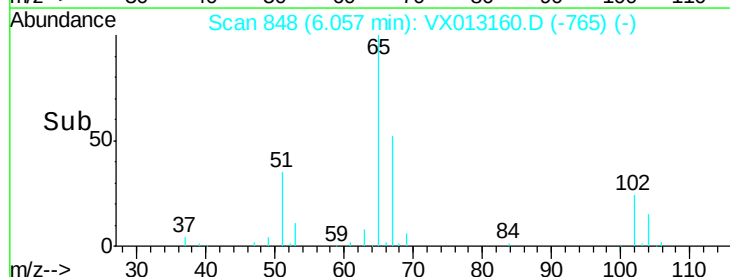
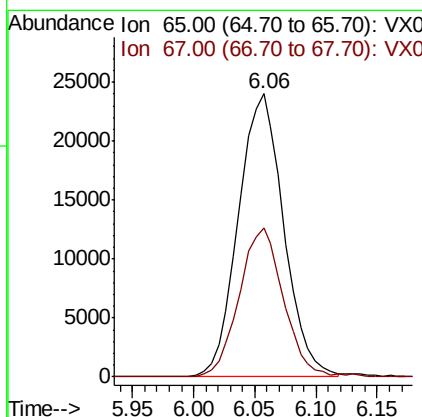
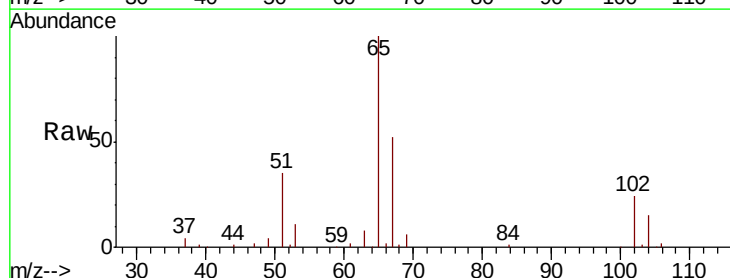
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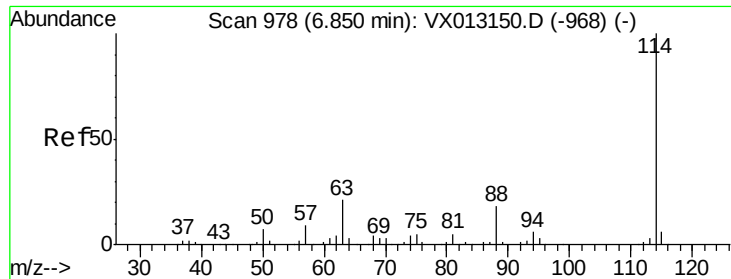
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#27
1,2-Dichloroethane-d4
Concen: 28.847 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Tgt Ion	65	67	Resp	Lower	Upper
61961	100	51.3		42.2	63.4





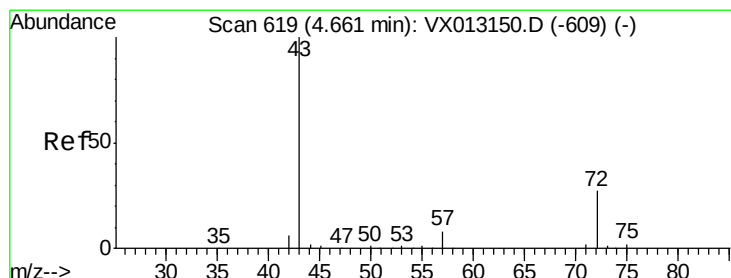
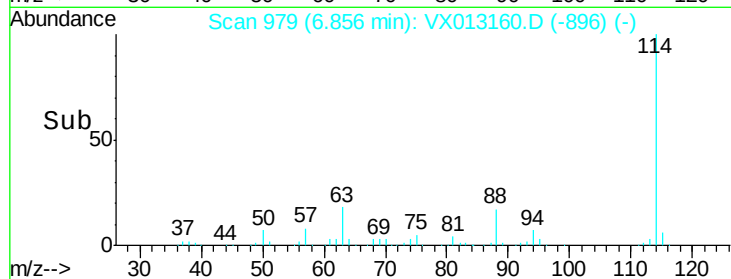
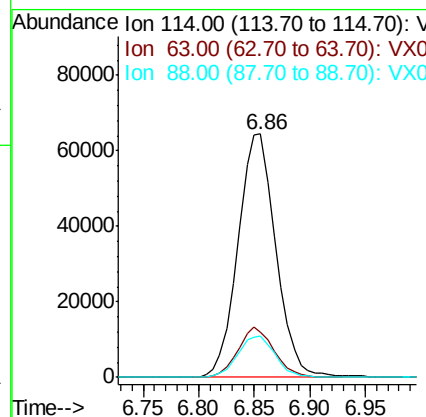
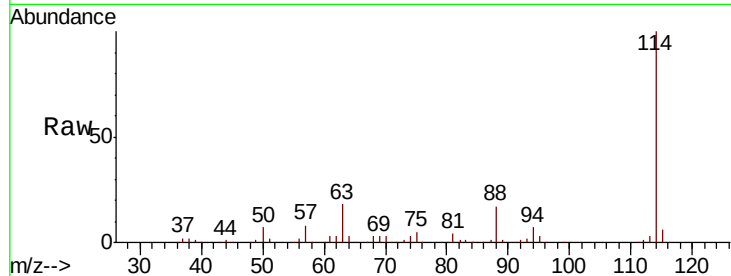
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013160.D
 Acq: 21 Oct 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01(DSN-001)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	151816		
63	19.7		16.1	24.1
88	17.0		13.7	20.5

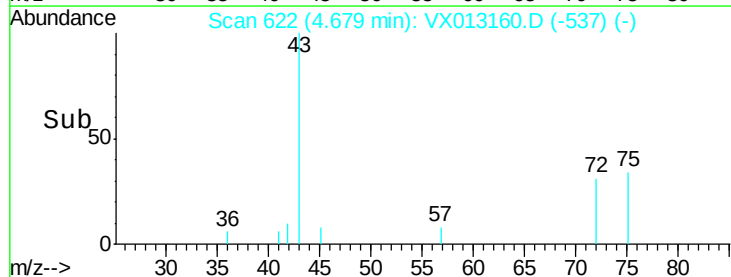
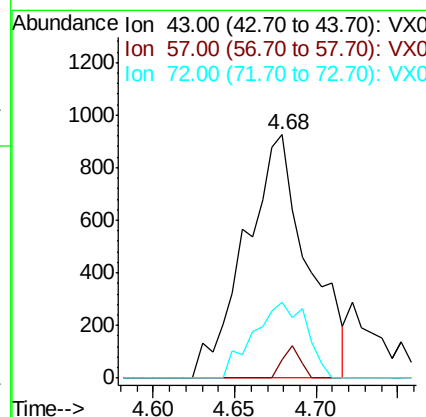
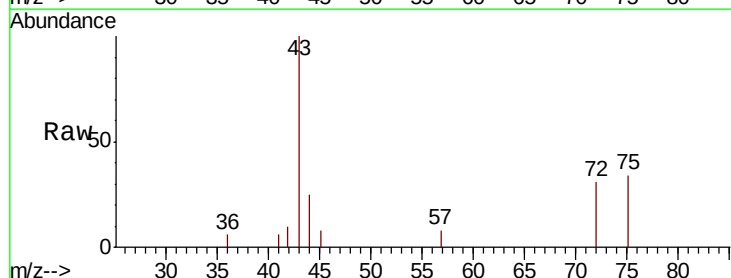
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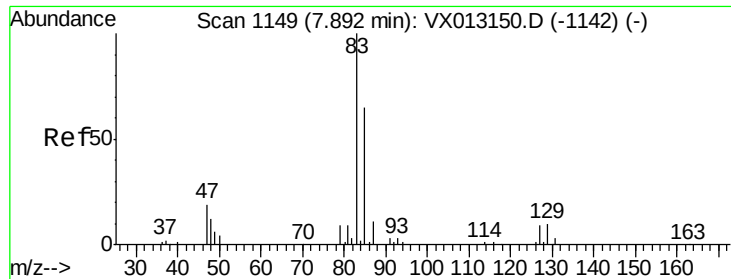
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#30
 2-Butanone
 Concen: 1.994 ug/l
 RT: 4.68 min Scan# 622
 Delta R.T. 0.02 min
 Lab File: VX013160.D
 Acq: 21 Oct 2019 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	2467		
57	3.6		7.0	10.6#
72	26.6		23.4	35.2





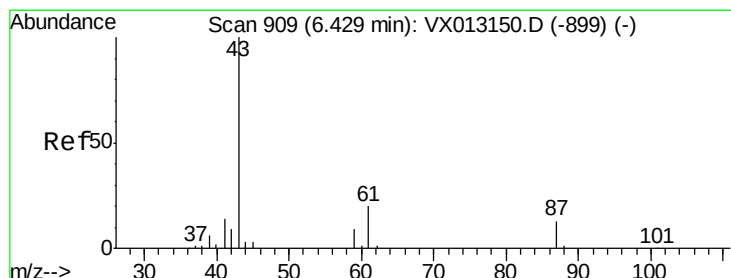
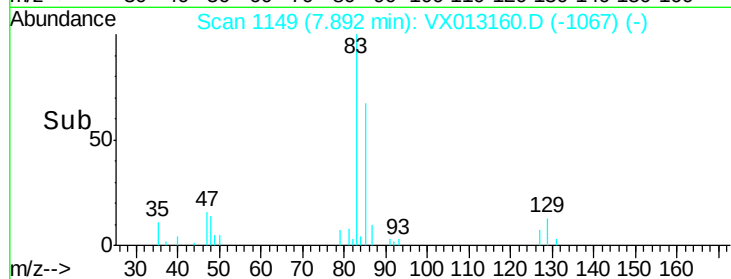
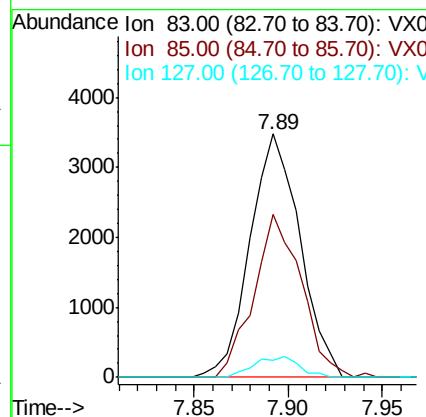
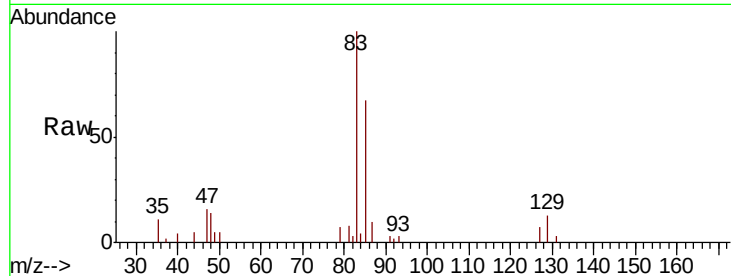
#41
 Bromodichloromethane
 Concen: 2.661 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX013160.D
 Acq: 21 Oct 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 SEWER-OUTLET-01(DSN-001)

Tot Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.1	78.1
127	7.0	7.5	11.3#

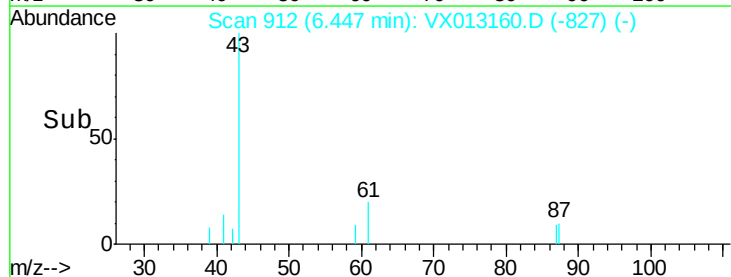
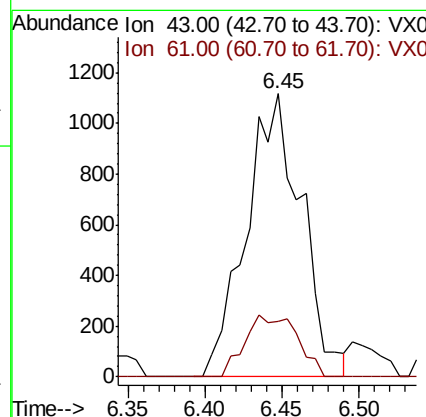
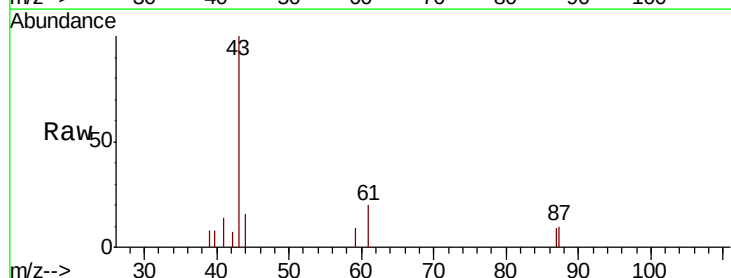
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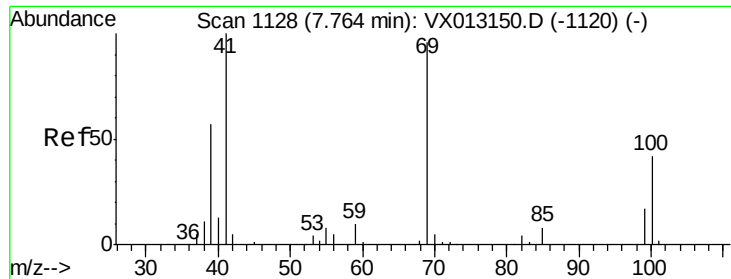
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#44
 Isopropyl Acetate
 Concen: 0.734 ug/l m
 RT: 6.45 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: VX013160.D
 Acq: 21 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.6	16.8	25.2#





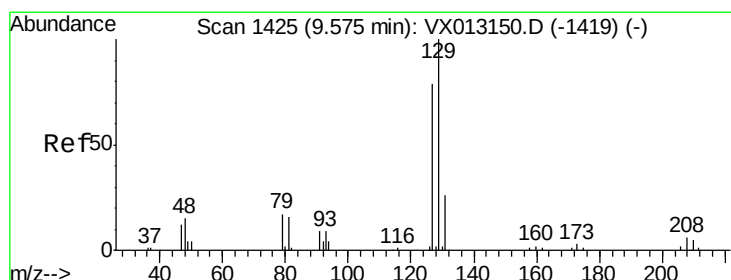
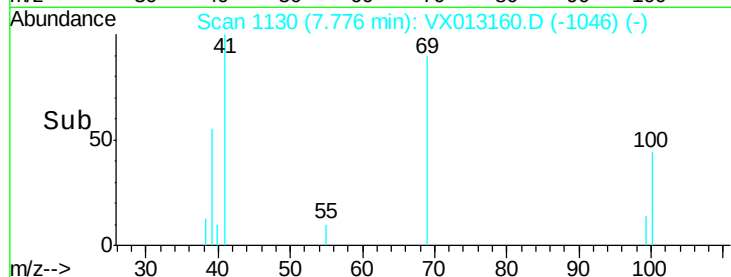
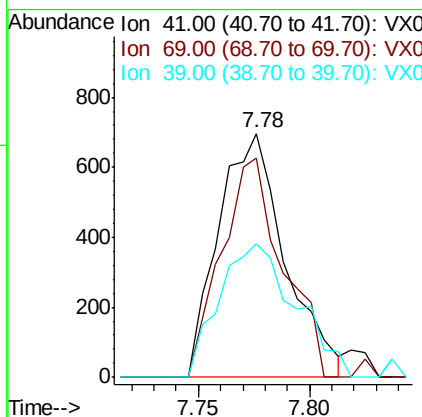
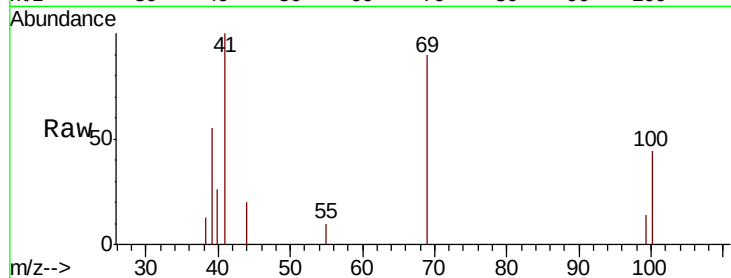
#46
Methvl methacrylate
Concen: 0.777 ug/l
RT: 7.78 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01(DSN-001)

Tot Ion	Ratio	Lower	Upper
41	100		
69	89.8	47.8	143.3
39	54.9	28.5	85.5

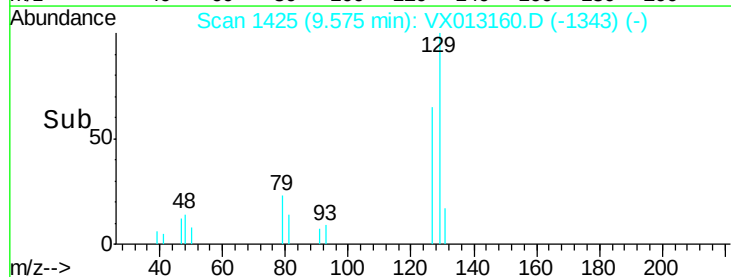
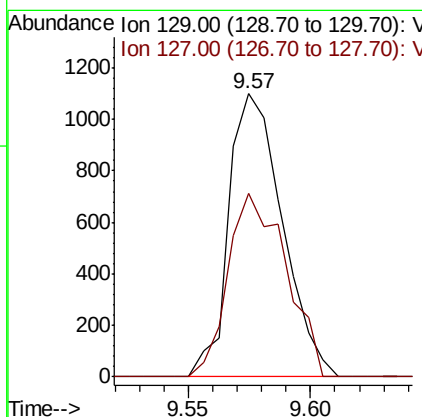
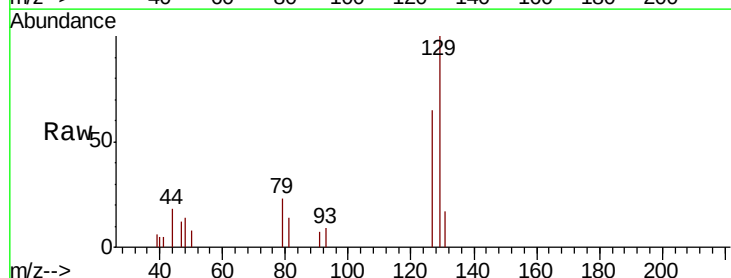
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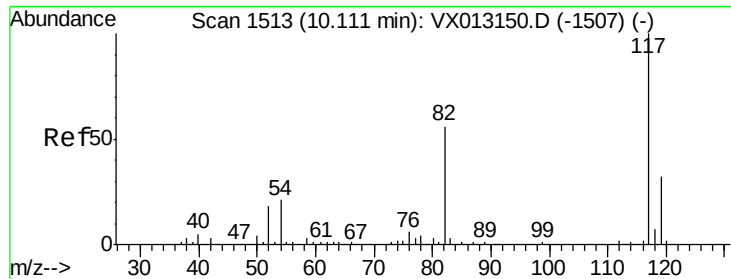
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#53
Dibromochloromethane
Concen: 0.882 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	70.2	39.4	118.2





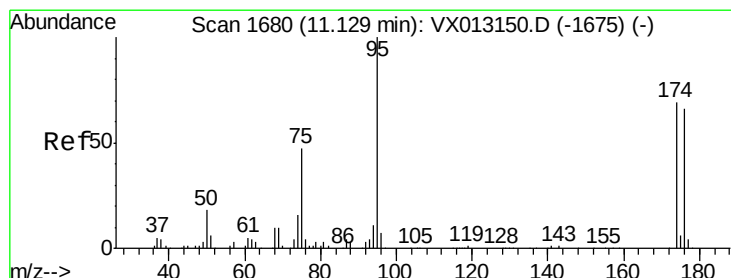
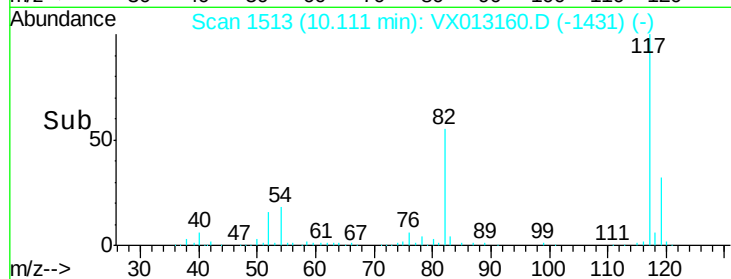
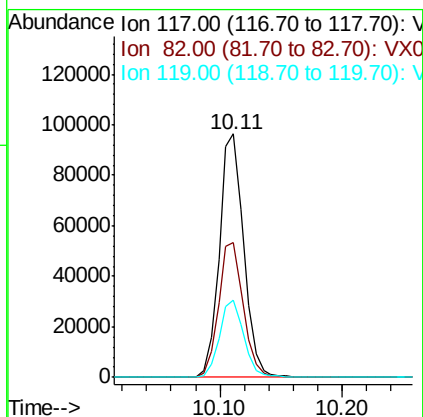
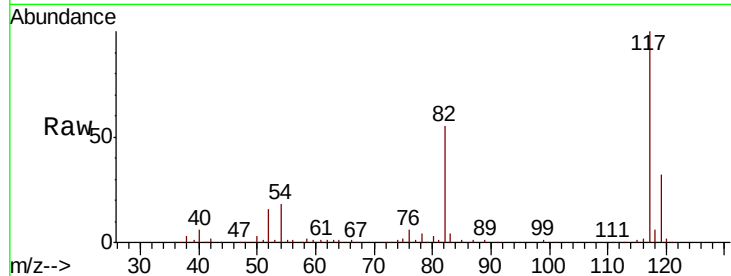
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01(DSN-001)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.0	69.0
119	31.7	25.4	38.0

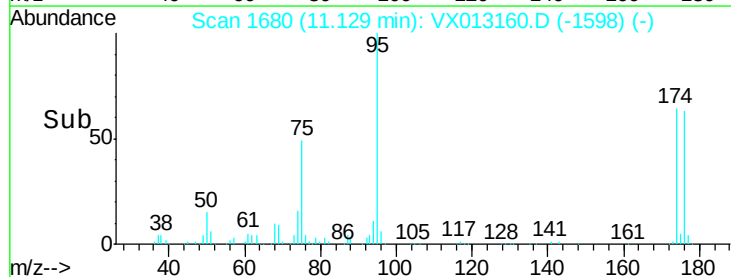
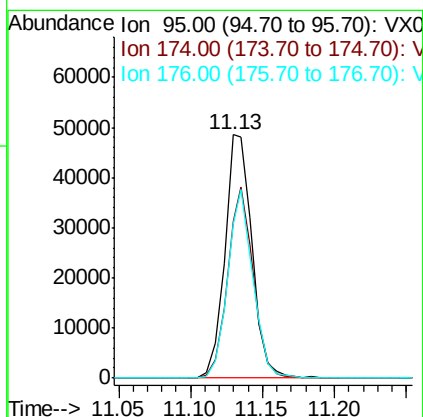
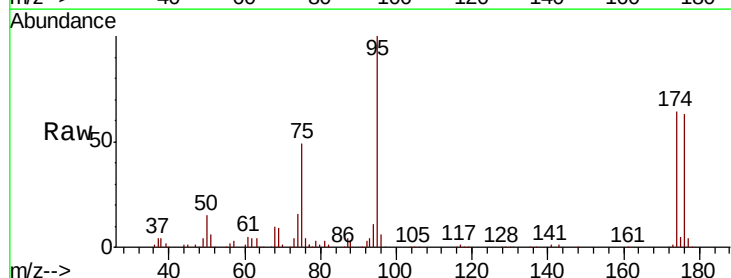
Manual Integrations
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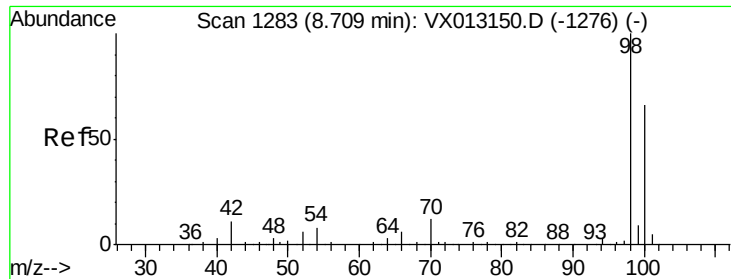
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#60
4-Bromofluorobenzene
Concen: 27.751 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	60.0	90.0
176	71.7	58.5	87.7





#63
Toluene-d8
Concen: 30.266 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013160.D
Acq: 21 Oct 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
SEWER-OUTLET-01(DSN-001)

Tot Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.1	79.7

Manual Integrations
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