

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022720\
 Data File : VX015044.D
 Acq On : 27 Feb 2020 13:44
 Operator : JC/SP
 Sample : L1683-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20200225

Quant Time: Feb 27 15:49:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	411164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	662652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	322109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	239553	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	5.50	113	201894	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.71	98	792951	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	291100	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

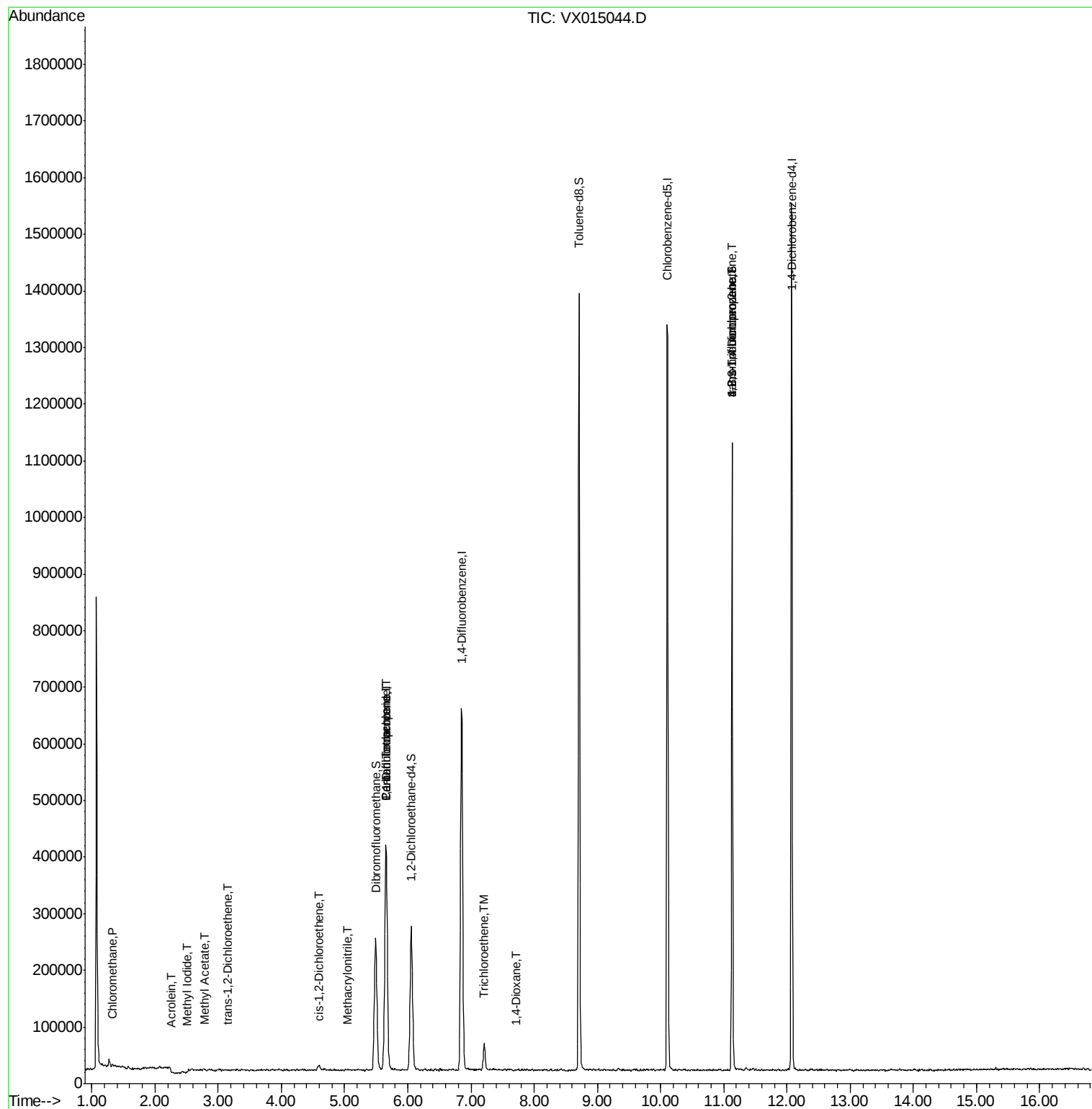
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1343	0.30	ug/l	90
10) Methyl Iodide	2.50	142	738	4.53	ug/l #	94
13) Acrolein	2.27	56	487	0.78	ug/l #	39
16) Acetone	2.43	43	3645	Below Cal	#	74
18) Methyl Acetate	2.78	43	1050	0.22	ug/l #	89
21) trans-1,2-Dichloroethene	3.15	96	951	0.23	ug/l #	24
27) cis-1,2-Dichloroethene	4.59	96	6015	1.29	ug/l	93
36) 1,1-Dichloropropene	5.65	75	27807	4.69	ug/l #	52
38) Carbon Tetrachloride	5.65	117	37050	6.41	ug/l #	16
41) Methacrylonitrile	5.04	41	918	0.28	ug/l #	37
44) Trichloroethene	7.21	130	20247	3.94	ug/l	96
49) 1,4-Dioxane	7.72	88	340	3.62	ug/l #	71
76) 1,2,3-Trichloropropane	11.13	75	142868	24.53	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	142868	62.78	ug/l #	12

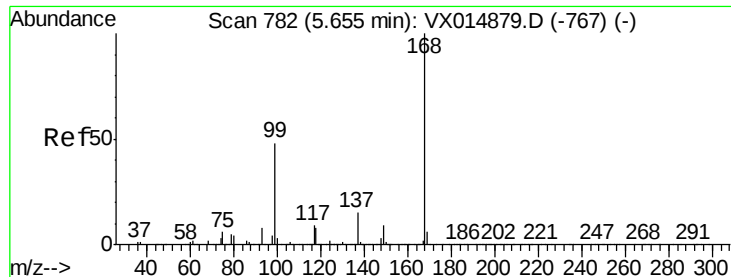
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX022720\
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

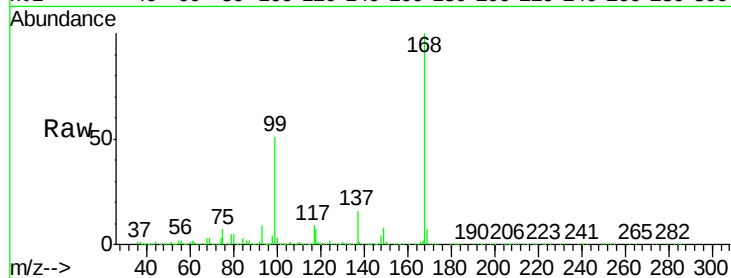
ROOF-DRAIN-20200225

Tgt Ion:168 Resp: 411164

Ion Ratio Lower Upper

168 100

99 50.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

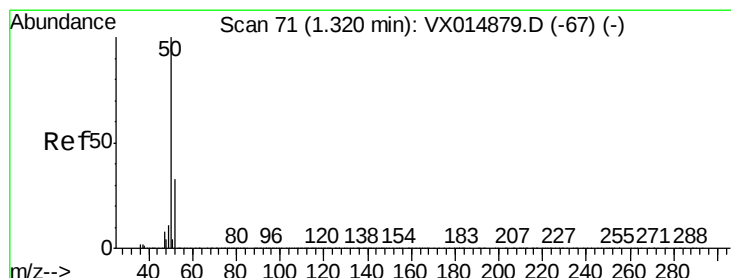
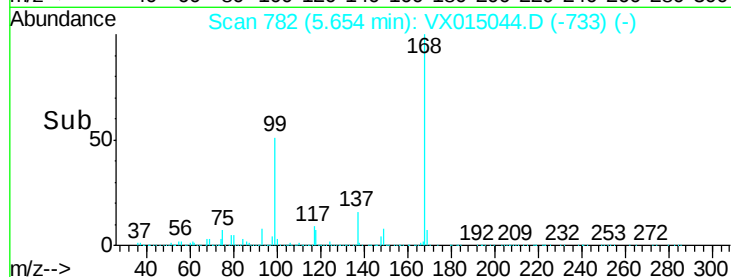
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.30 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015044.D

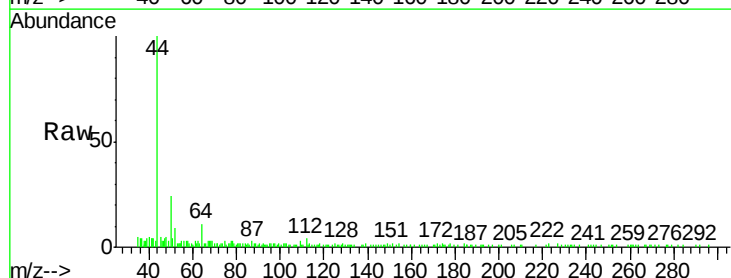
Acq: 27 Feb 2020 13:44

Tgt Ion: 50 Resp: 1343

Ion Ratio Lower Upper

50 100

52 26.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

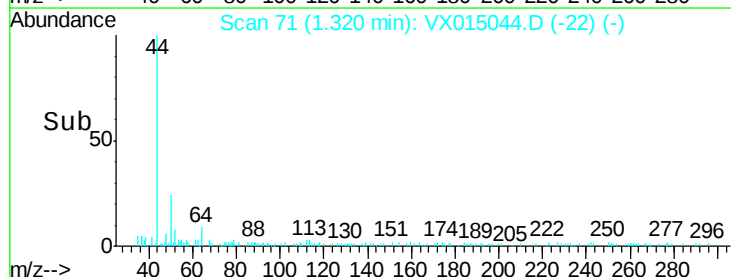
1500

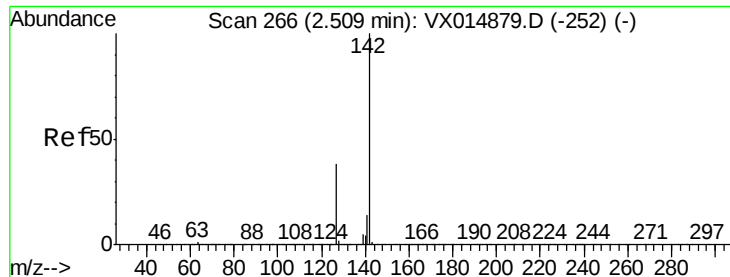
1000

500

0

Time-->

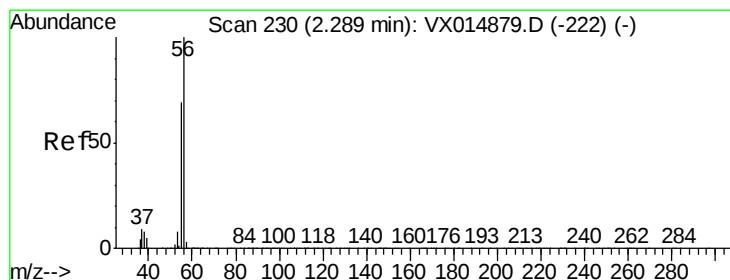
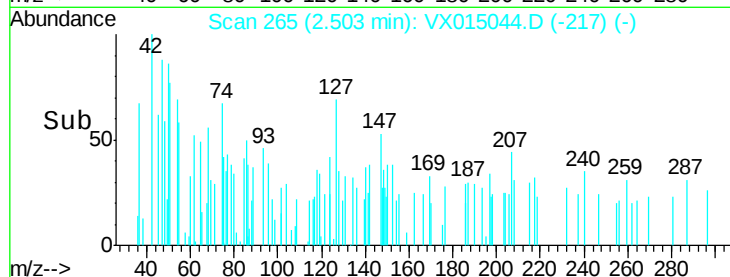
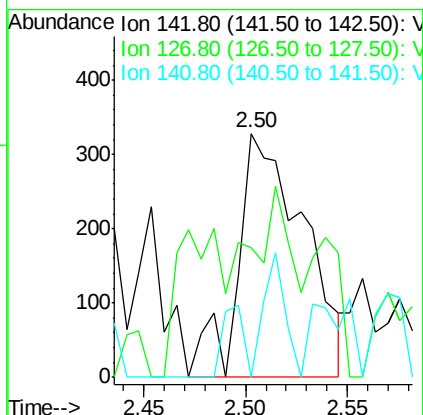
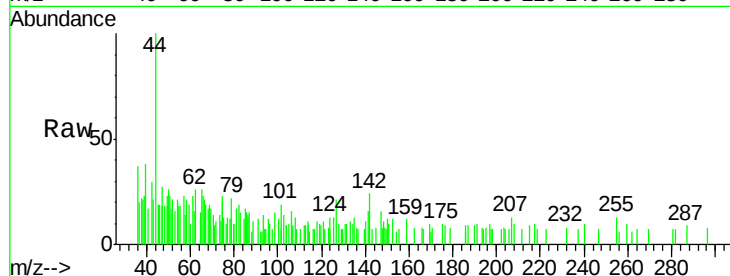




#10
Methyl Iodide
Concen: 4.53 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015044.D
Acq: 27 Feb 2020 13:44

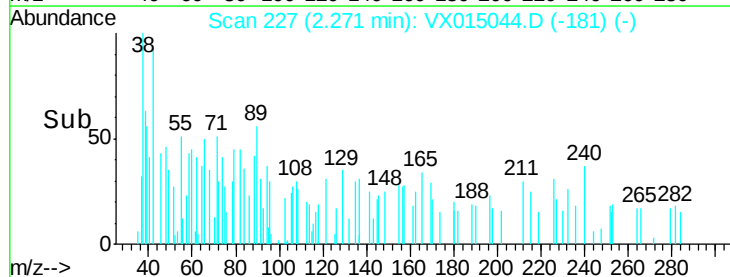
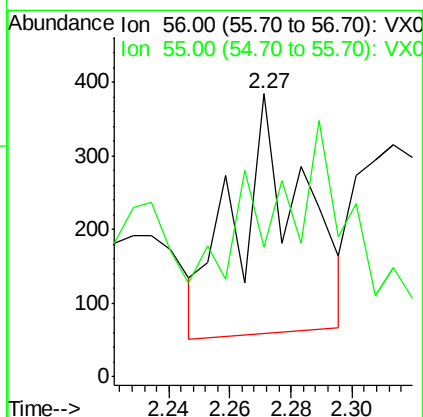
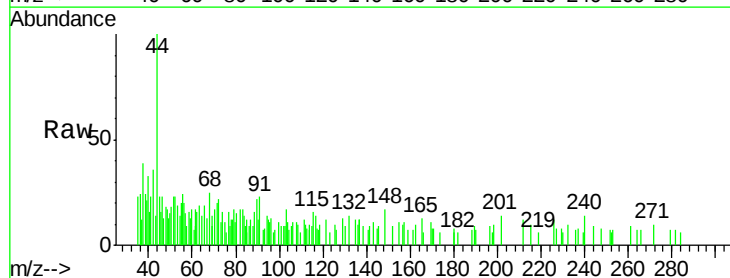
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20200225

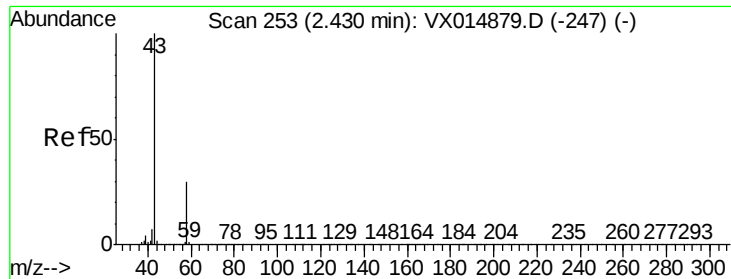
Tgt Ion: 142 Resp: 738
Ion Ratio Lower Upper
142 100
127 41.6 31.1 46.7
141 9.2 11.3 16.9#



#13
Acrolein
Concen: 0.78 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.02 min
Lab File: VX015044.D
Acq: 27 Feb 2020 13:44

Tgt Ion: 56 Resp: 487
Ion Ratio Lower Upper
56 100
55 19.1 55.0 82.4#

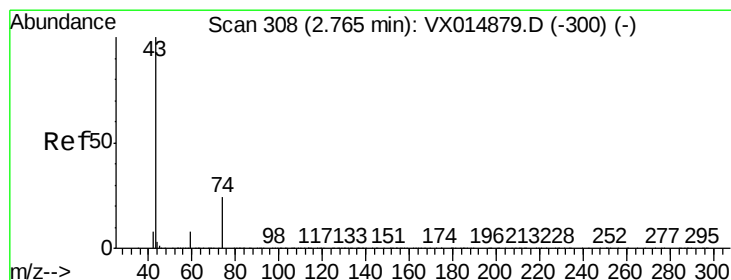
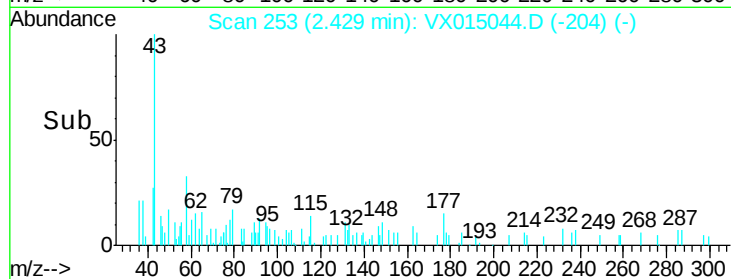
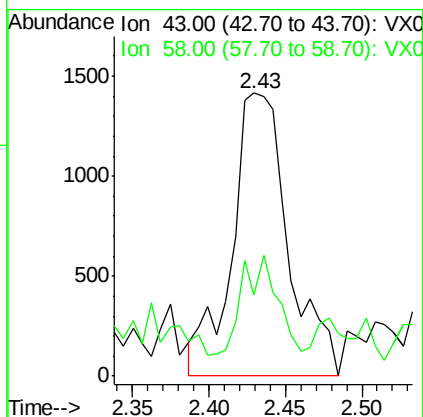
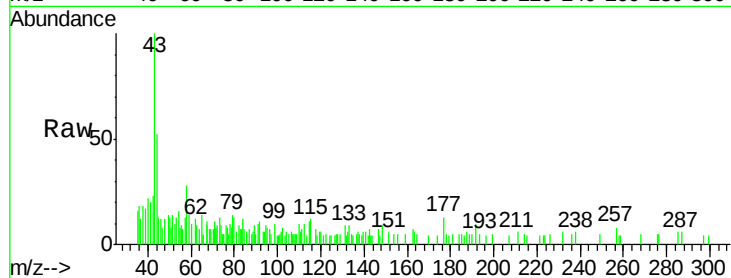




#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX015044.D
Acq: 27 Feb 2020 13:44

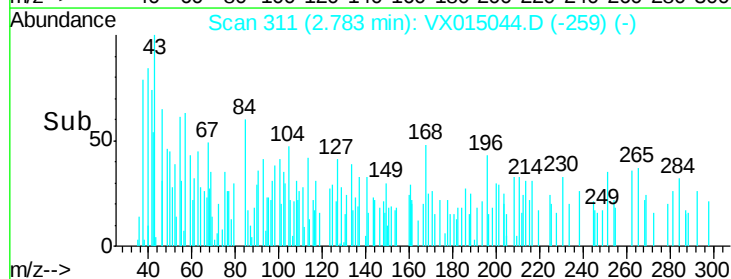
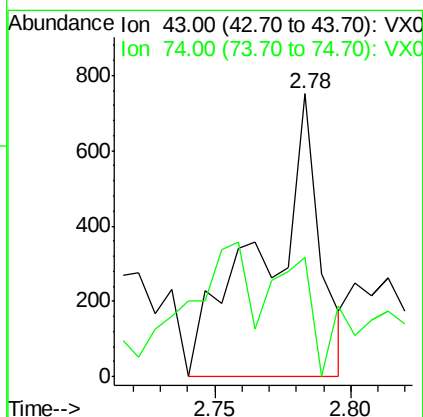
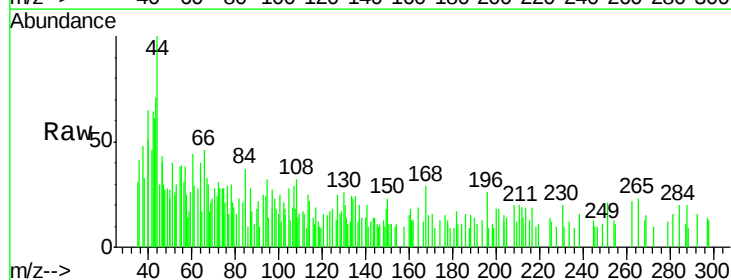
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20200225

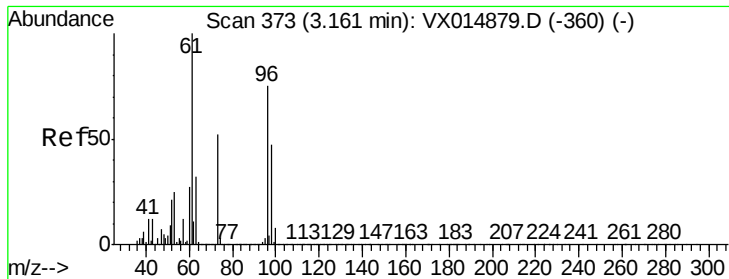
Tgt Ion: 43 Resp: 3645
Ion Ratio Lower Upper
43 100
58 15.9 24.1 36.1#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.78 min Scan# 311
Delta R.T. 0.02 min
Lab File: VX015044.D
Acq: 27 Feb 2020 13:44

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
74 29.6 19.4 29.0#





#21

trans-1,2-Dichloroethene

Concen: 0.23 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

ROOF-DRAIN-20200225

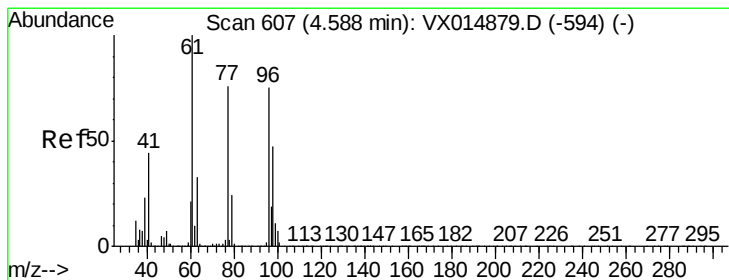
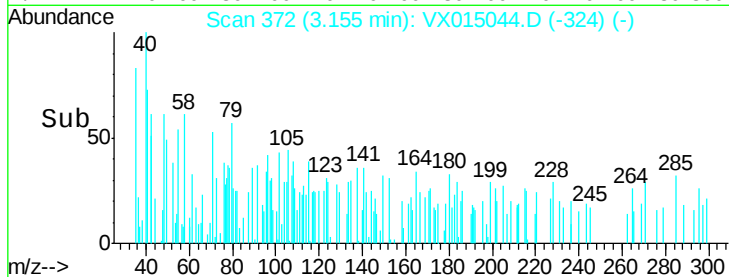
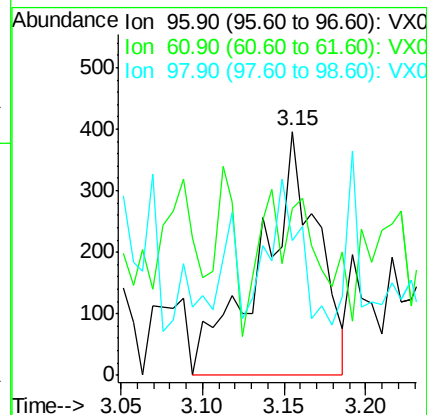
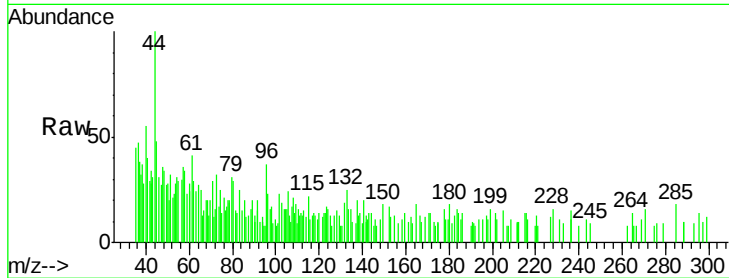
Tgt Ion: 96 Resp: 951

Ion Ratio Lower Upper

96 100

61 21.8 106.9 160.3#

98 34.3 50.7 76.1#



#27

cis-1,2-Dichloroethene

Concen: 1.29 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

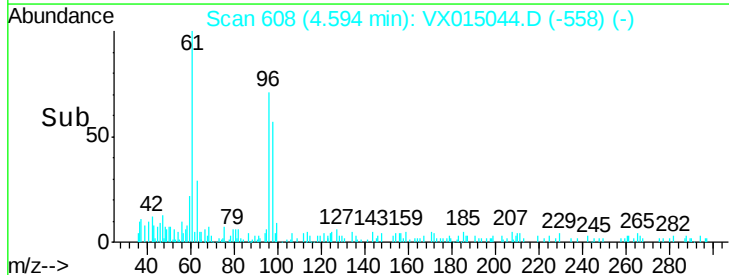
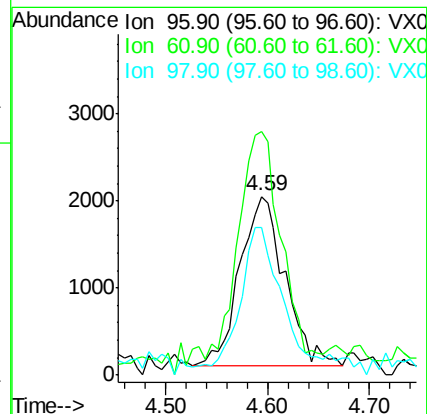
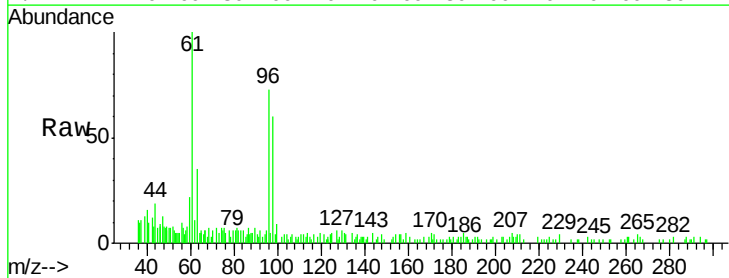
Tgt Ion: 96 Resp: 6015

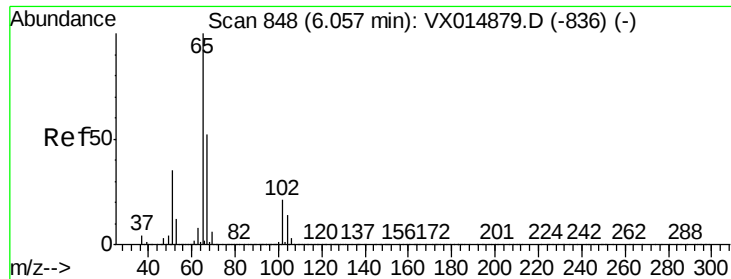
Ion Ratio Lower Upper

96 100

61 133.5 0.0 286.2

98 69.5 0.0 131.0





#33

1,2-Dichloroethane-d4

Concen: 51.62 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

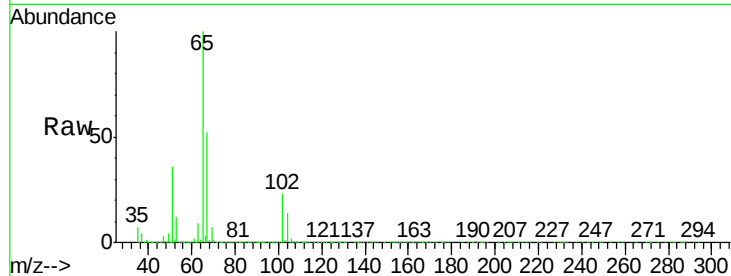
ROOF-DRAIN-20200225

Tgt Ion: 65 Resp: 239553

Ion Ratio Lower Upper

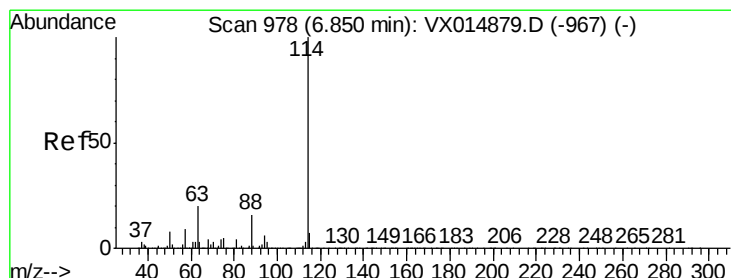
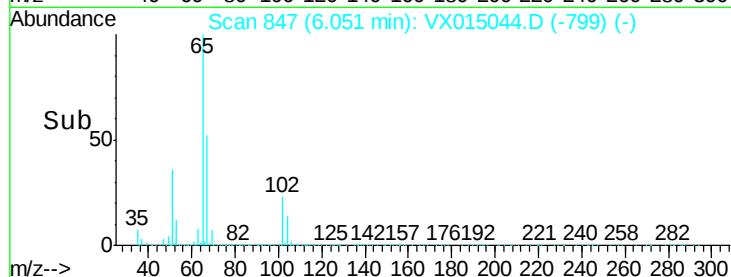
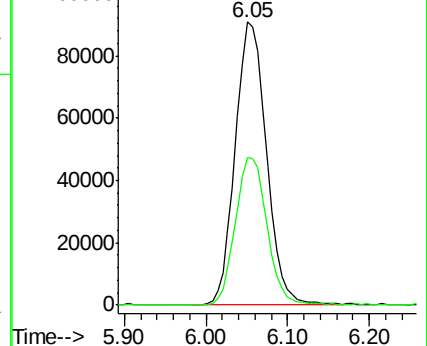
65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

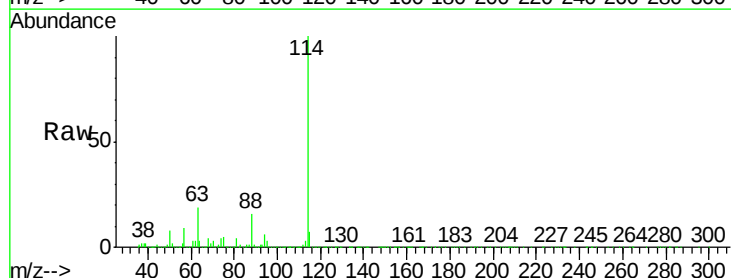
Tgt Ion: 114 Resp: 662652

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

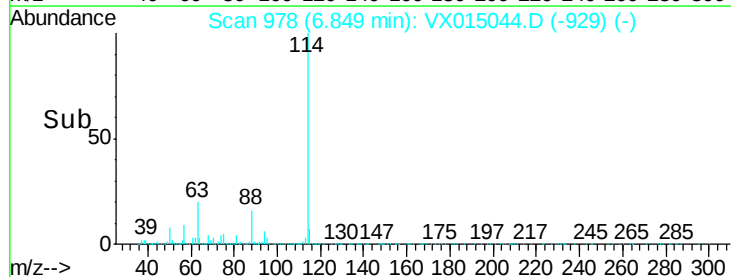
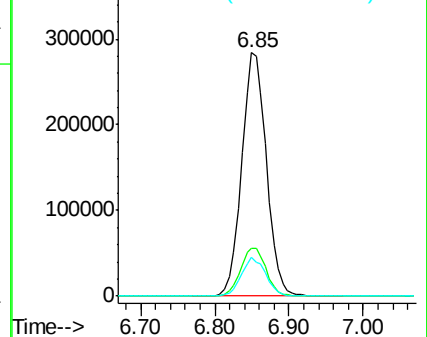
88 15.8 0.0 32.0

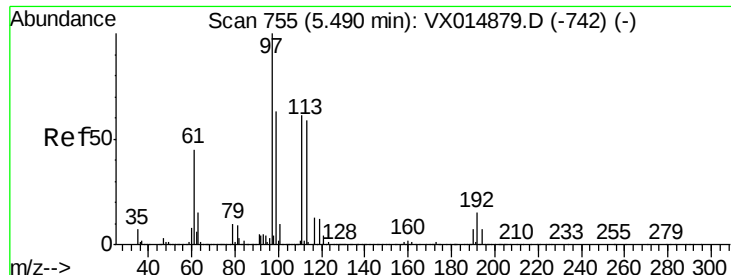


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

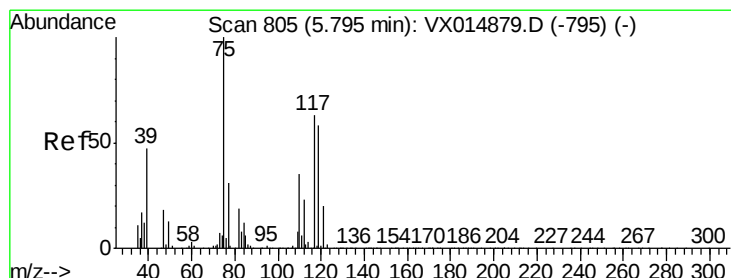
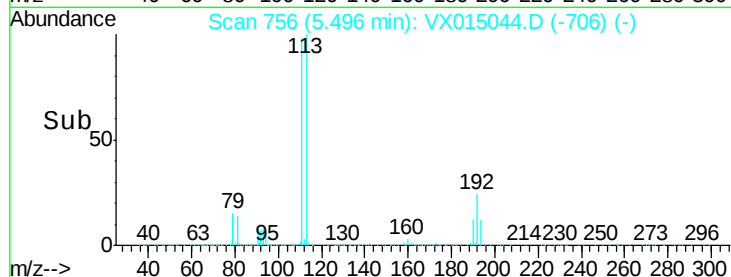
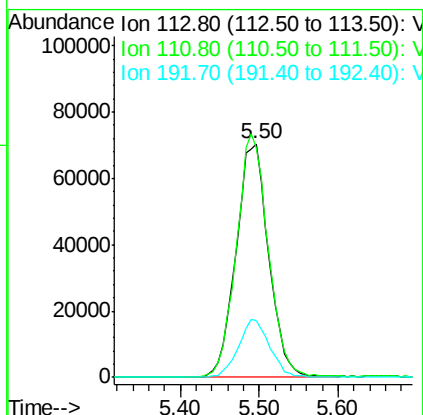
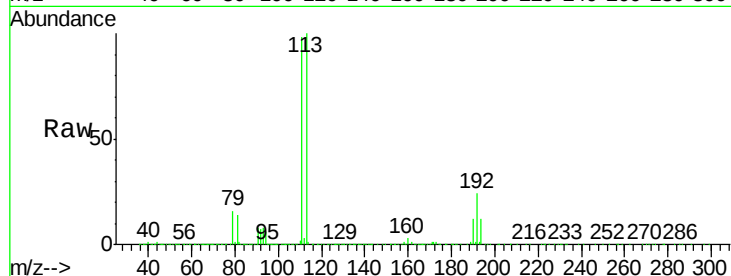




#35
 Dibromofluoromethane
 Concen: 49.56 ug/l
 RT: 5.50 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: VX015044.D
 Acq: 27 Feb 2020 13:44

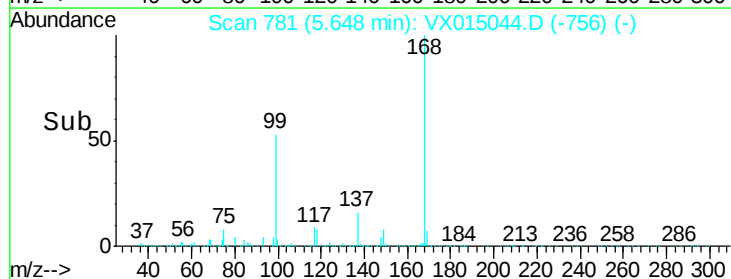
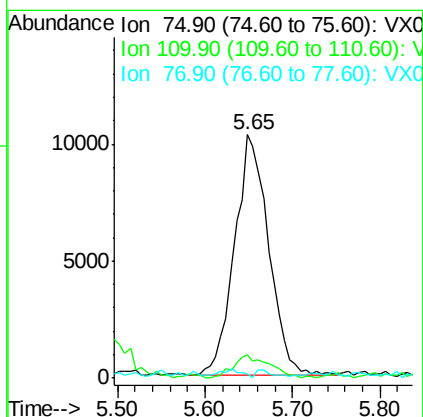
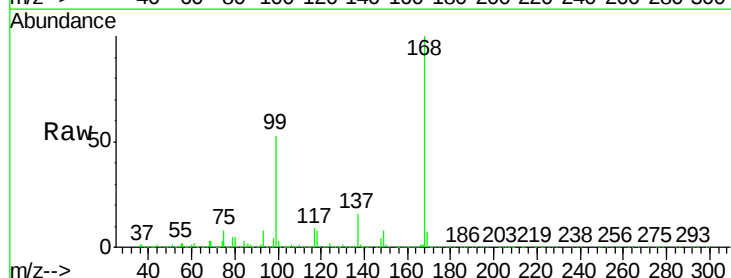
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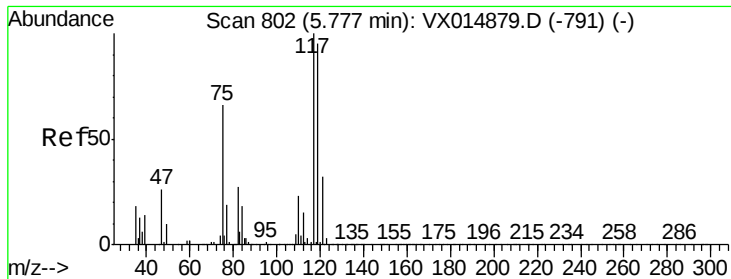
Tgt Ion: 113 Resp: 201894
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 24.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.69 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX015044.D
 Acq: 27 Feb 2020 13:44

Tgt Ion: 75 Resp: 27807
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.3 54.8#
 77 1.7 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.41 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

ROOF-DRAIN-20200225

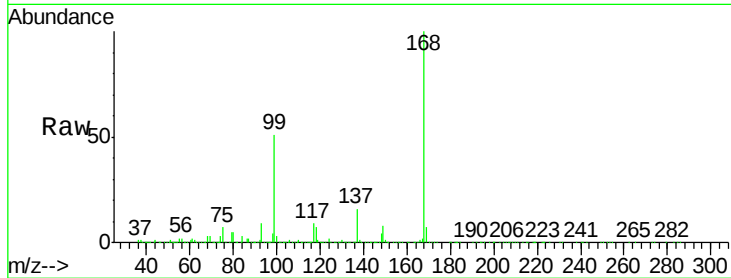
Tgt Ion: 117 Resp: 37050

Ion Ratio Lower Upper

117 100

119 5.2 76.0 114.0#

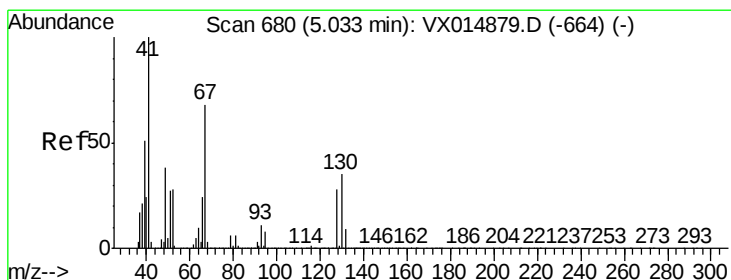
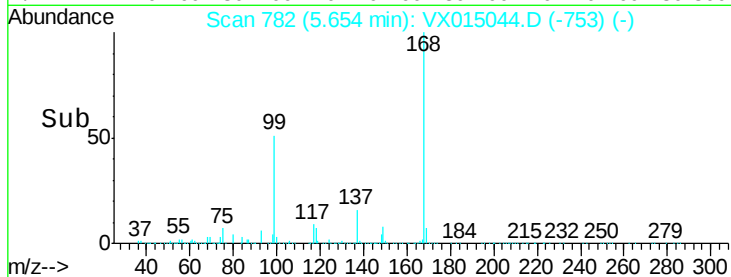
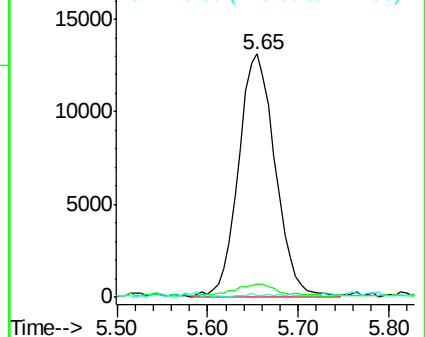
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.28 ug/l

RT: 5.04 min Scan# 682

Delta R.T. 0.01 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Tgt Ion: 41 Resp: 918

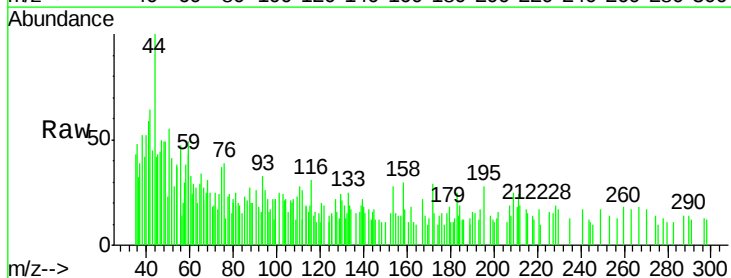
Ion Ratio Lower Upper

41 100

39 0.0 44.7 67.1#

67 41.9 56.6 84.8#

52 82.7 22.3 33.5#

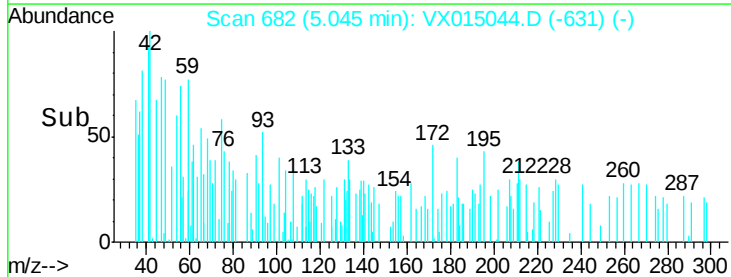
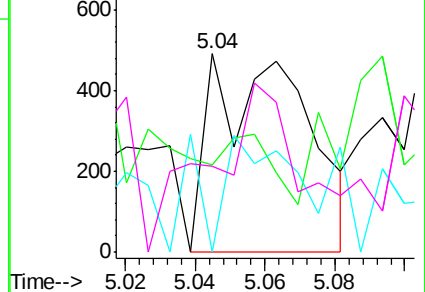


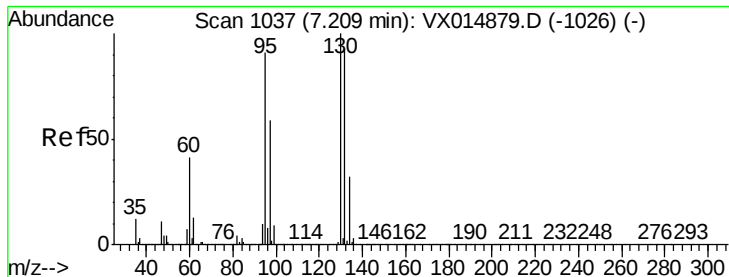
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#44

Trichloroethene

Concen: 3.94 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

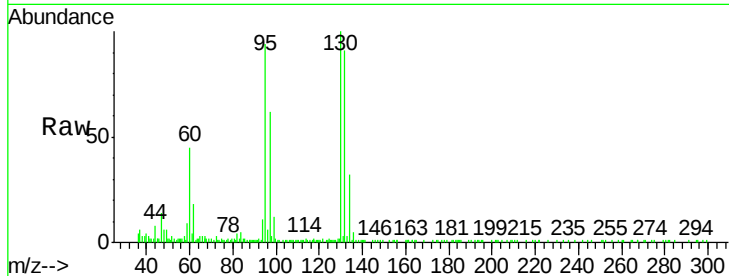
ROOF-DRAIN-20200225

Tgt Ion: 130 Resp: 20247

Ion Ratio Lower Upper

130 100

95 94.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

10000

8000

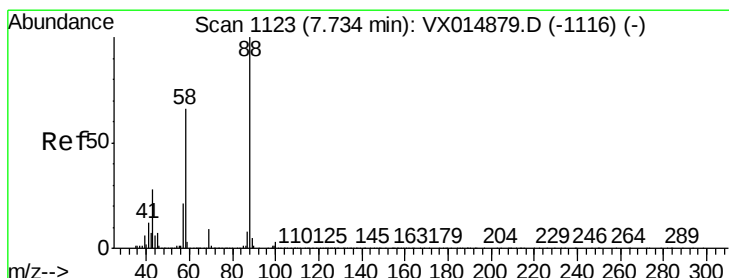
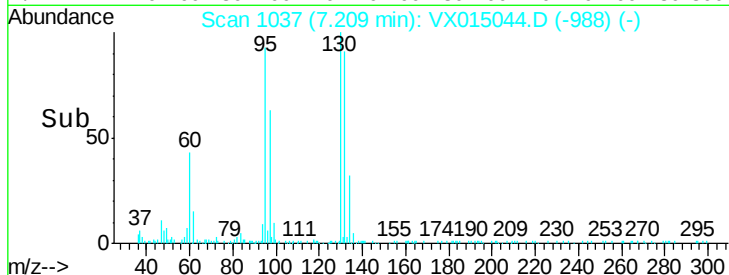
6000

4000

2000

0

Time-->



#49

1,4-Dioxane

Concen: 3.62 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

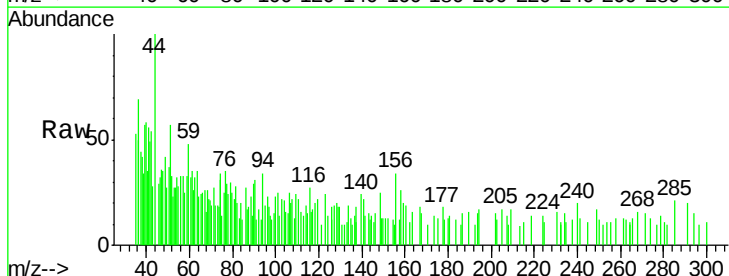
Tgt Ion: 88 Resp: 340

Ion Ratio Lower Upper

88 100

43 0.0 27.0 40.4#

58 77.9 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600

500

400

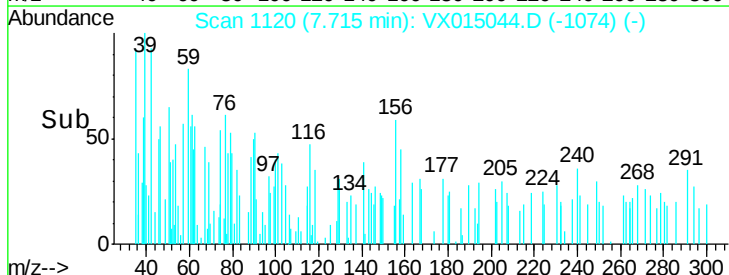
300

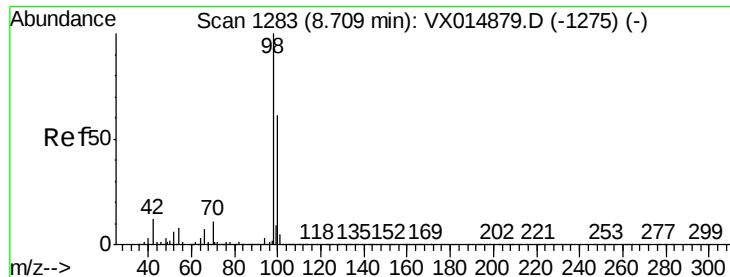
200

100

0

Time-->





#50

Toluene-d8

Concen: 50.99 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

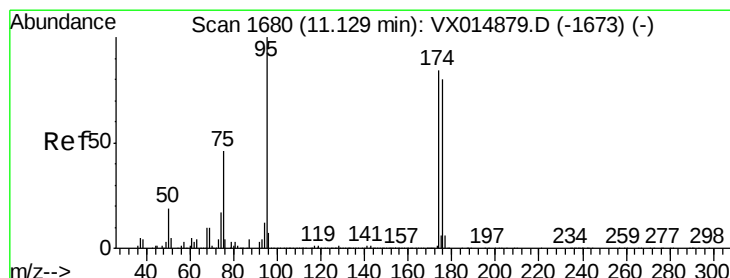
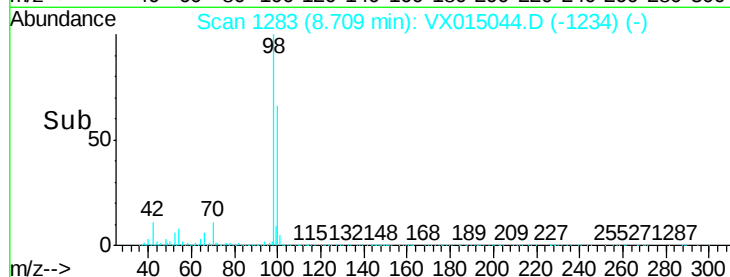
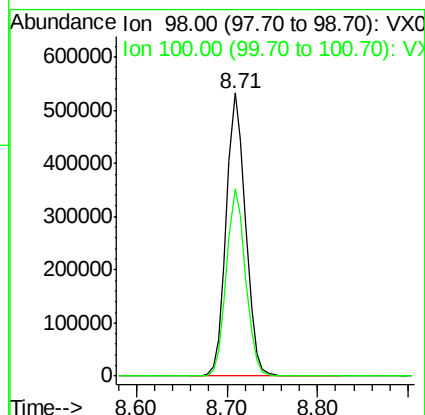
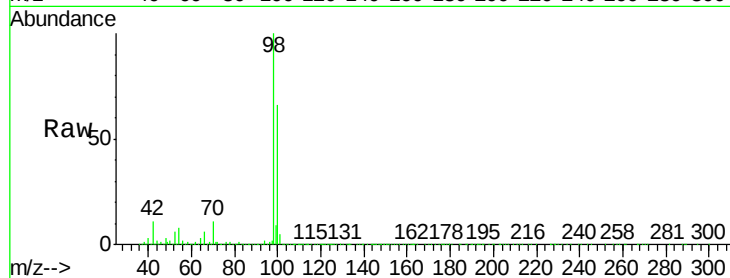
ROOF-DRAIN-20200225

Tgt Ion: 98 Resp: 792951

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.97 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015044.D

Acq: 27 Feb 2020 13:44

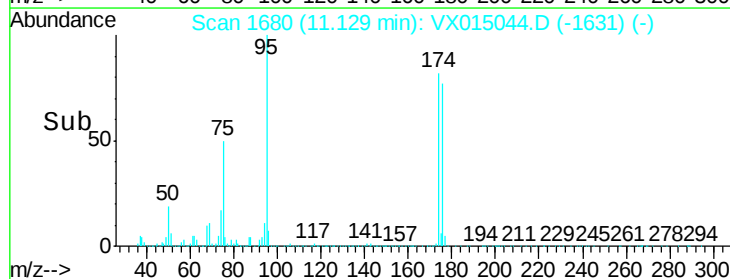
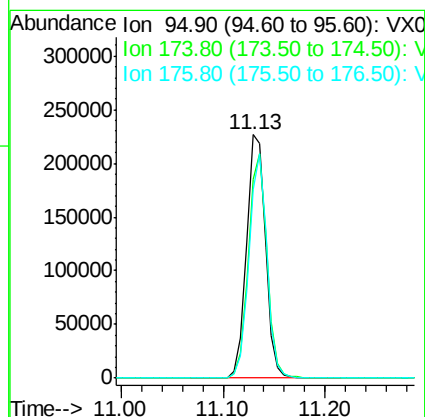
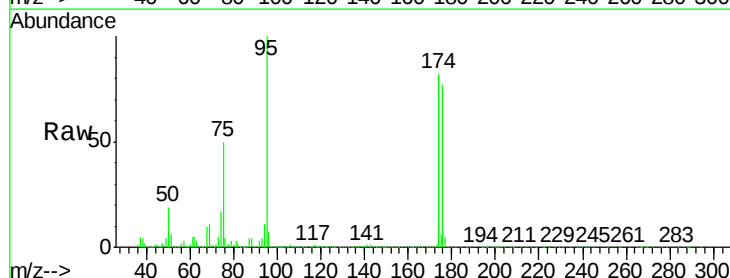
Tgt Ion: 95 Resp: 291100

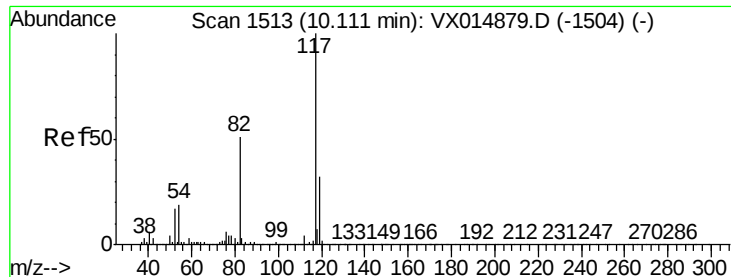
Ion Ratio Lower Upper

95 100

174 90.4 0.0 183.0

176 87.7 0.0 178.0

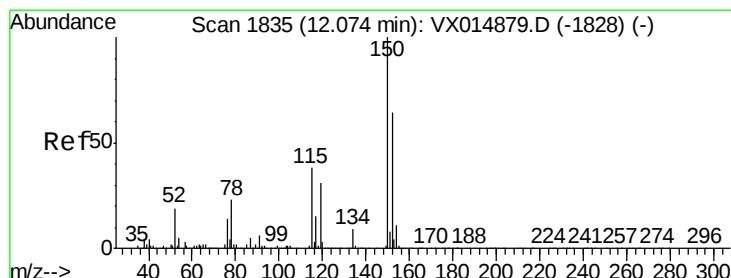
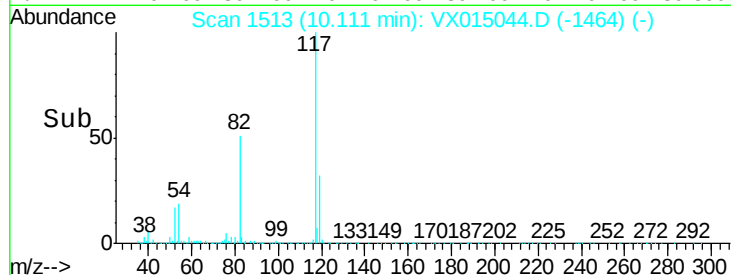
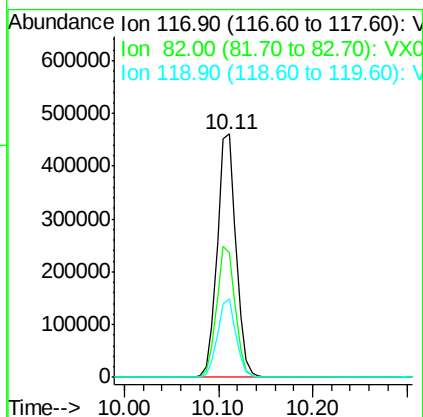
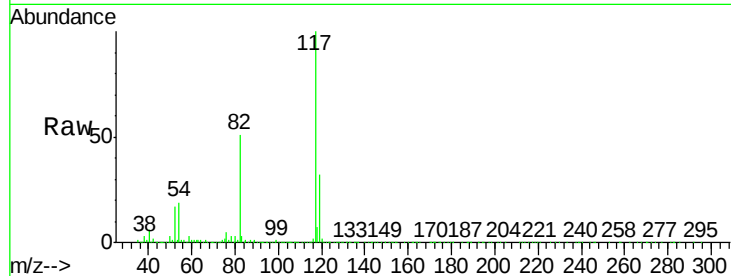




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015044.D
Acq: 27 Feb 2020 13:44

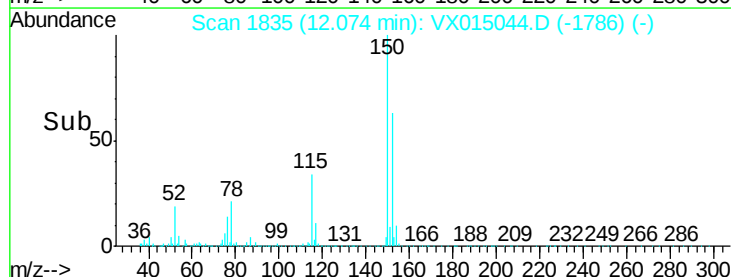
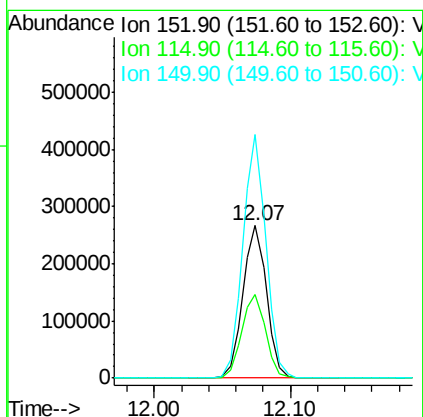
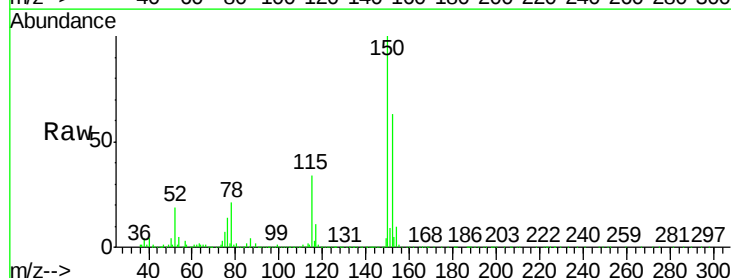
Instrument :
MSVOA_X
ClientSampleId :
ROOF-DRAIN-20200225

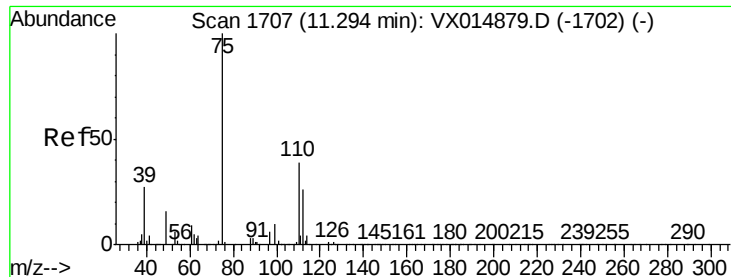
Tgt Ion:117 Resp: 638169
Ion Ratio Lower Upper
117 100
82 51.4 40.5 60.7
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015044.D
Acq: 27 Feb 2020 13:44

Tgt Ion:152 Resp: 322109
Ion Ratio Lower Upper
152 100
115 55.3 38.6 116.0
150 156.0 0.0 349.0

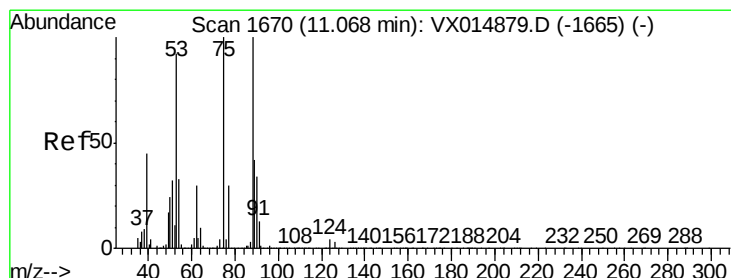
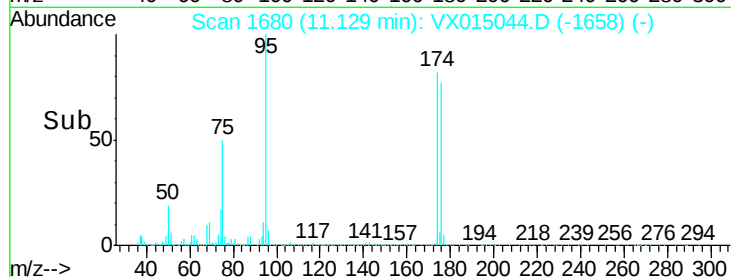
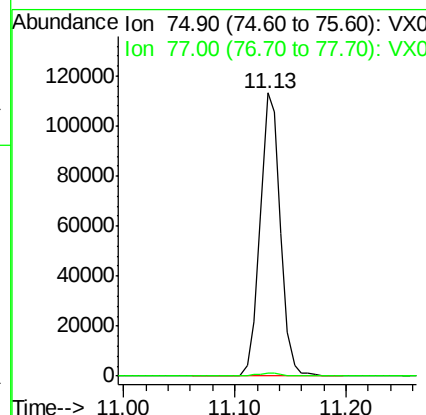
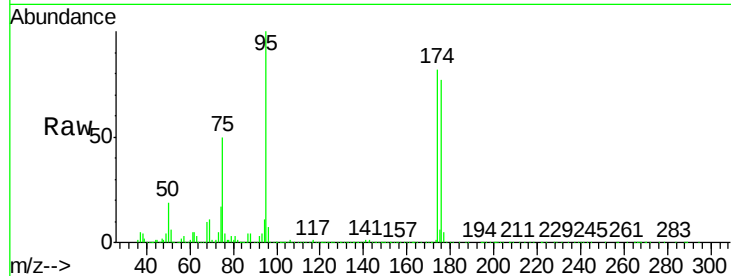




#76
 1,2,3-Trichloropropane
 Concen: 24.53 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX015044.D
 Acq: 27 Feb 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20200225

Tgt Ion: 75 Resp: 142868
 Ion Ratio Lower Upper
 75 100
 77 1.3 18.4 55.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.78 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX015044.D
 Acq: 27 Feb 2020 13:44

Tgt Ion: 75 Resp: 142868
 Ion Ratio Lower Upper
 75 100
 53 0.4 76.2 114.2#
 89 0.1 35.8 53.6#

