

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013629.D
 Acq On : 27 Nov 2019 03:52
 Operator : JC/SP
 Sample : K5968-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20191121

Quant Time: Nov 27 06:30:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

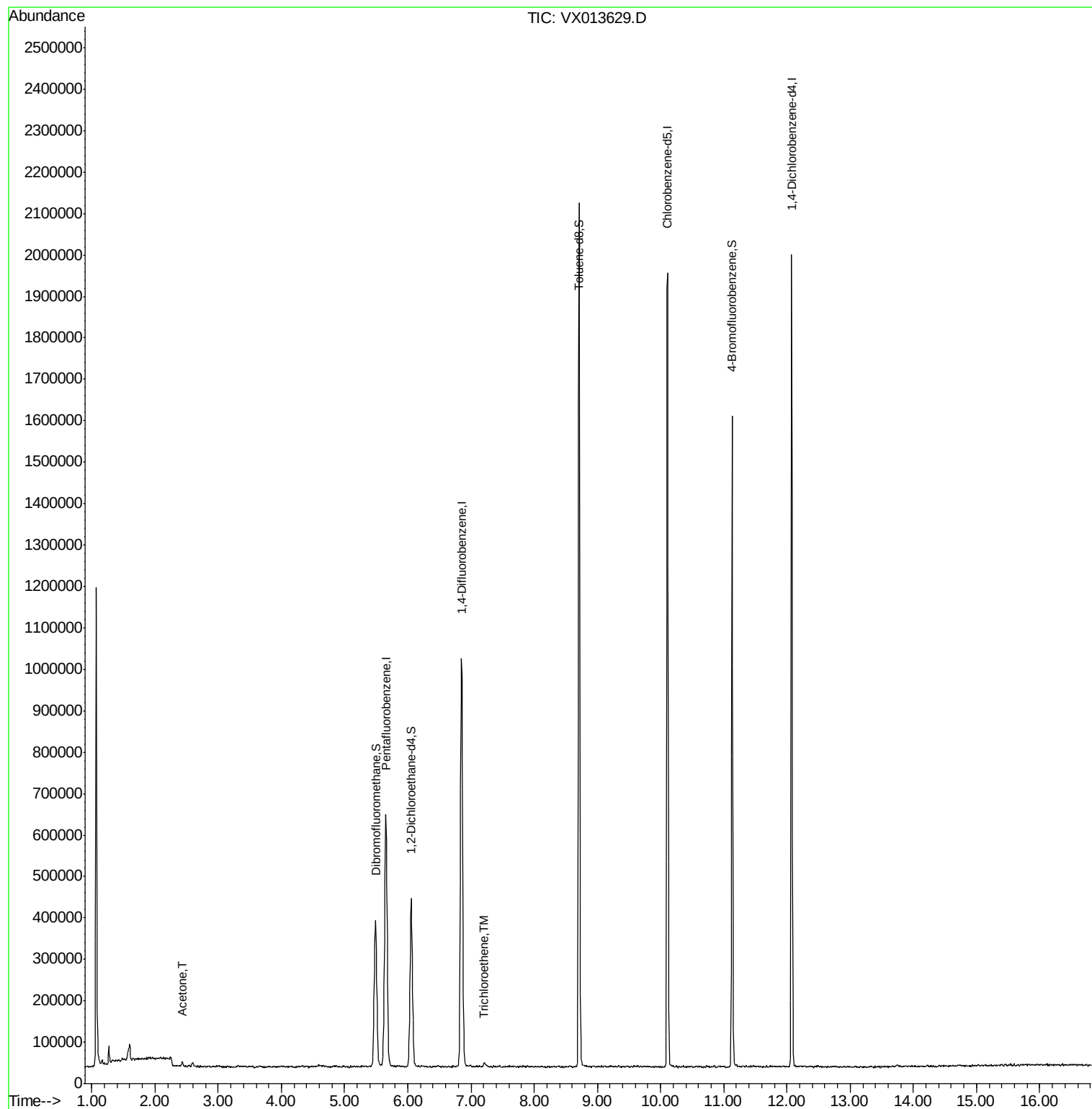
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	642536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1026944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	925631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	409545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	379004	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	5.49	113	307006	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
50) Toluene-d8	8.71	98	1225403	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	408917	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	2.44	43	14135	3.839	ug/l	92
44) Trichloroethene	7.22	130	5132	0.659	ug/l	96

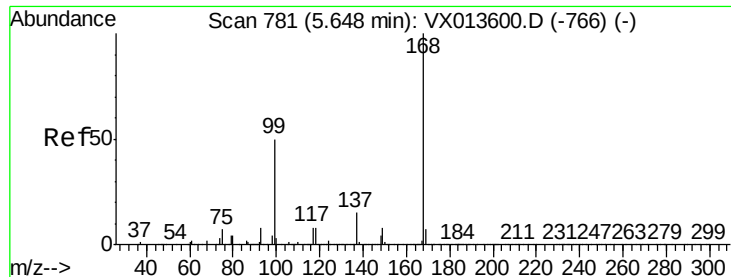
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

Instrument :

MSVOA_X

ClientSampleId :

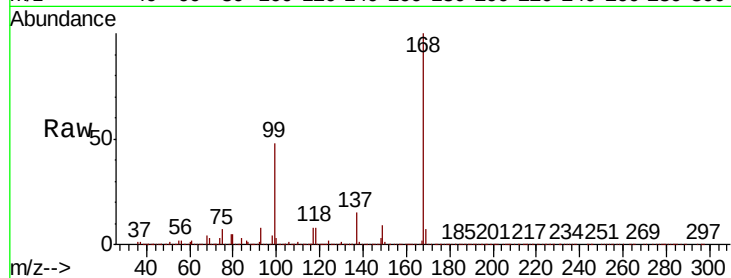
ROOF-DRAIN-20191121

Tot Ion:168 Resp: 642536

Ion Ratio Lower Upper

168 100

99 48.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

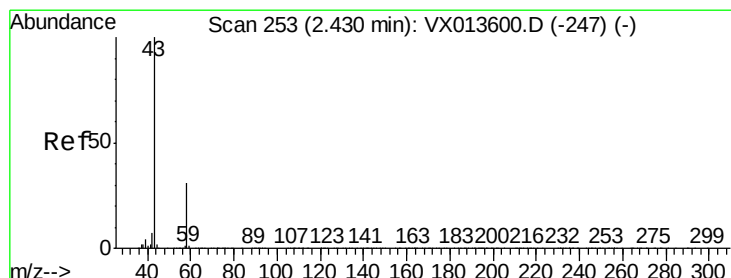
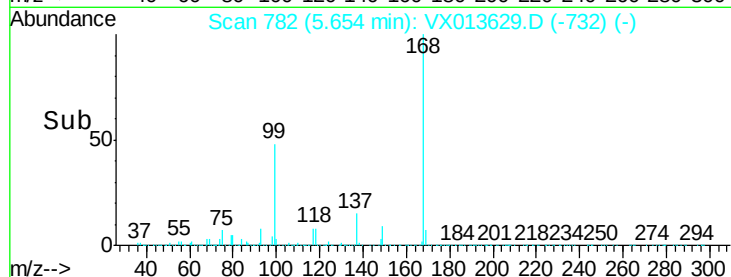
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.839 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013629.D

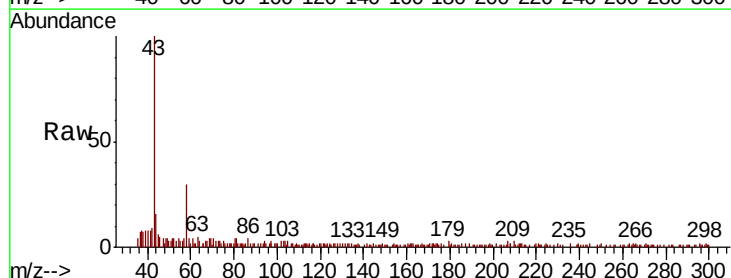
Acq: 27 Nov 2019 03:52

Tgt Ion: 43 Resp: 14135

Ion Ratio Lower Upper

43 100

58 26.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

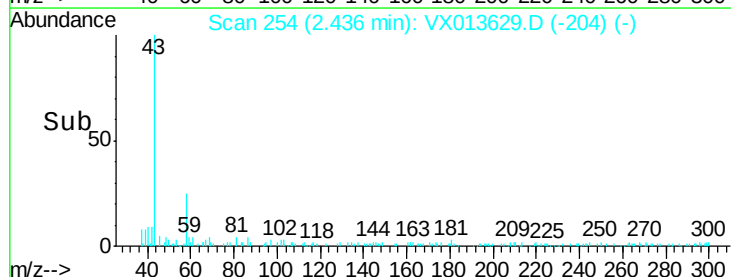
6000

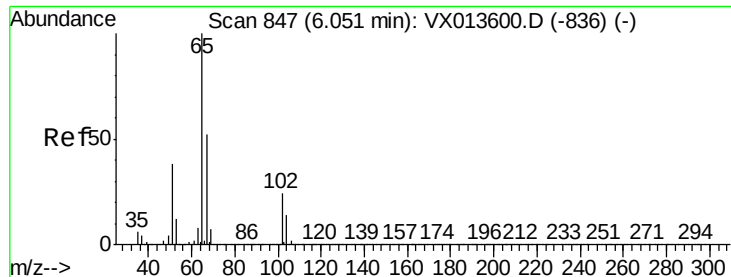
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.816 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

Instrument :

MSVOA_X

ClientSampleId :

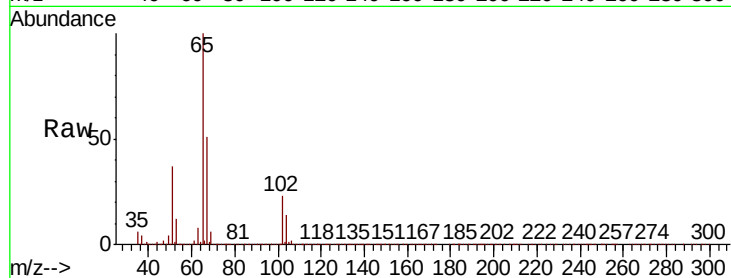
ROOF-DRAIN-20191121

Tot Ion: 65 Resp: 379004

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

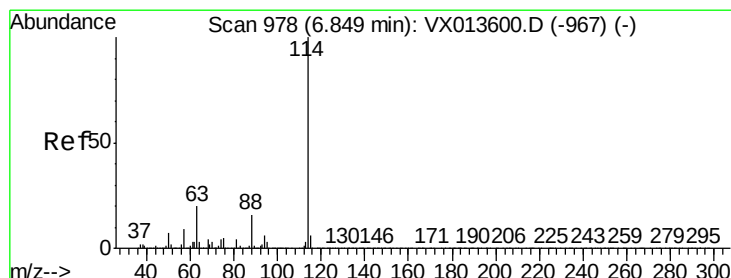
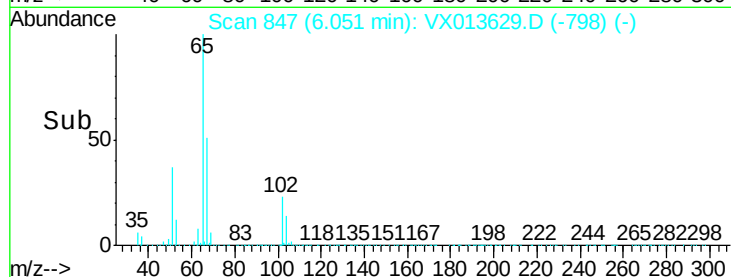
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

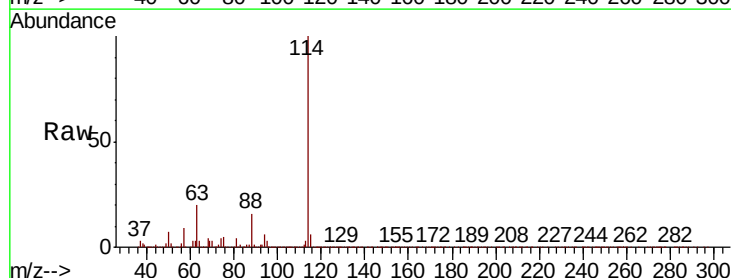
Tgt Ion: 114 Resp: 1026944

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.7 0.0 31.4



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

600000

500000

400000

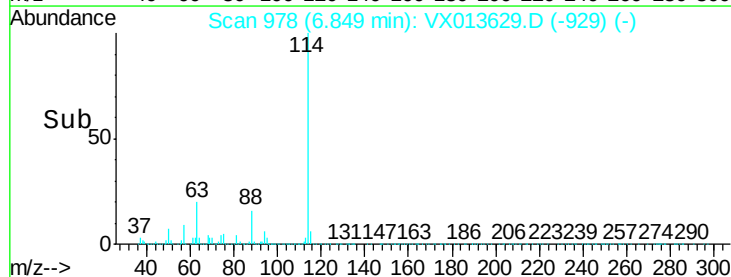
300000

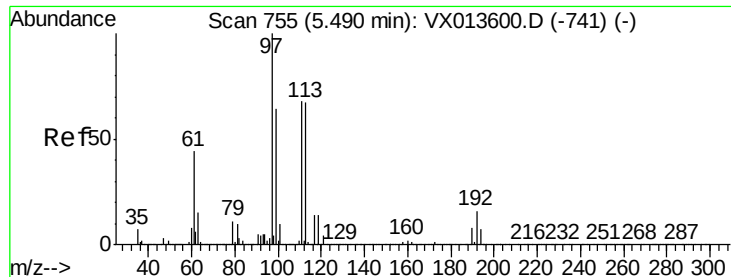
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.357 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

Instrument :

MSVOA_X

ClientSampleId :

ROOF-DRAIN-20191121

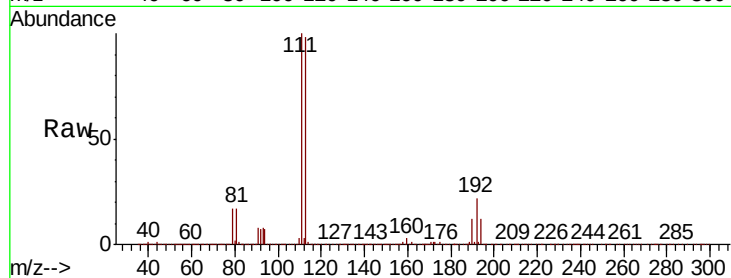
Tot Ion:113 Resp: 307006

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

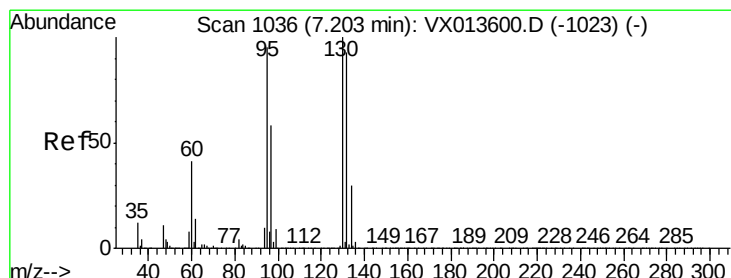
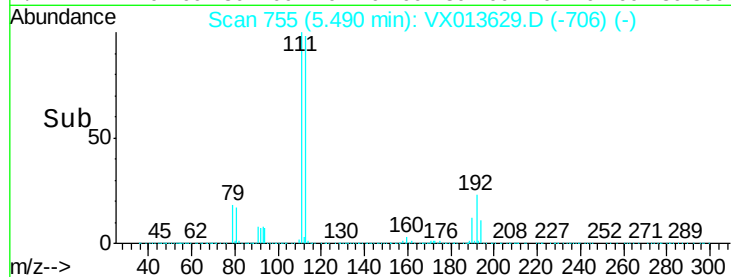
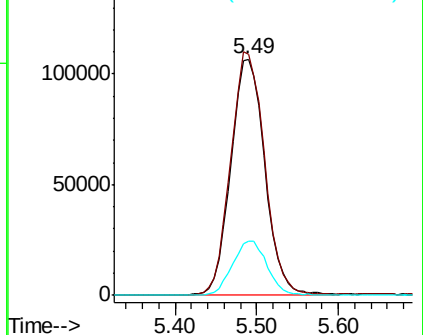
192 23.9 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 0.659 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013629.D

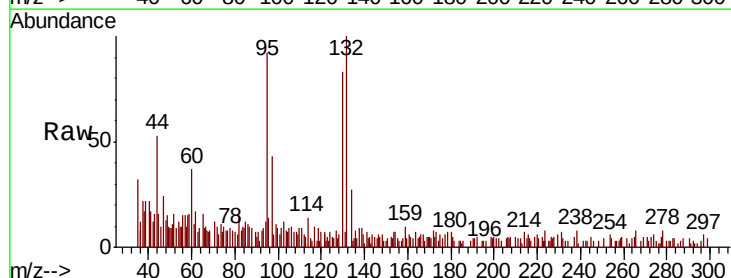
Acq: 27 Nov 2019 03:52

Tgt Ion:130 Resp: 5132

Ion Ratio Lower Upper

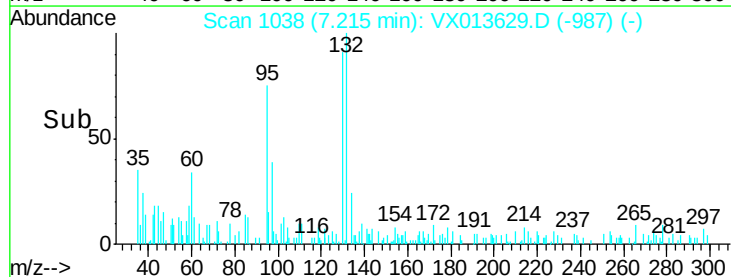
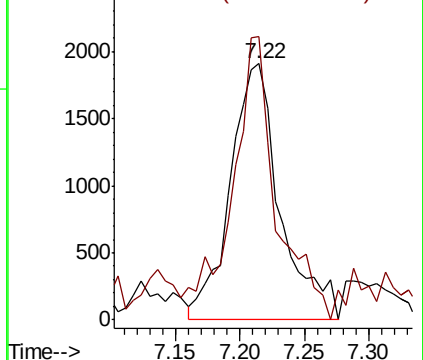
130 100

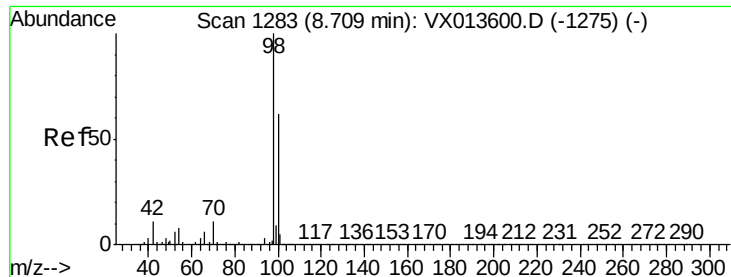
95 99.1 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.541 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

Instrument :

MSVOA_X

ClientSampleId :

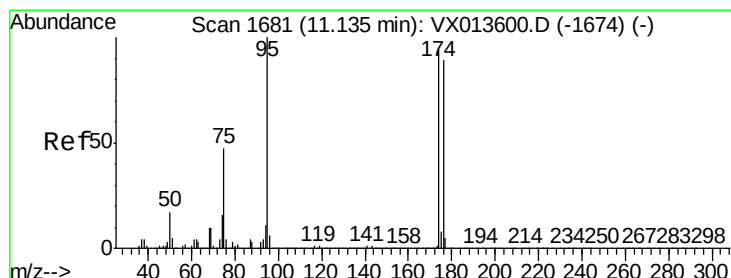
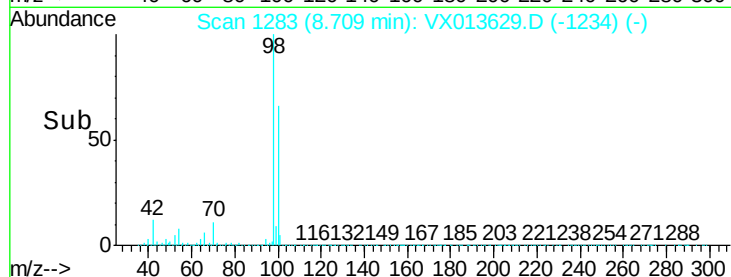
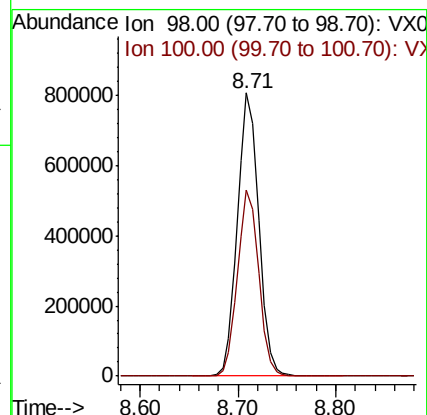
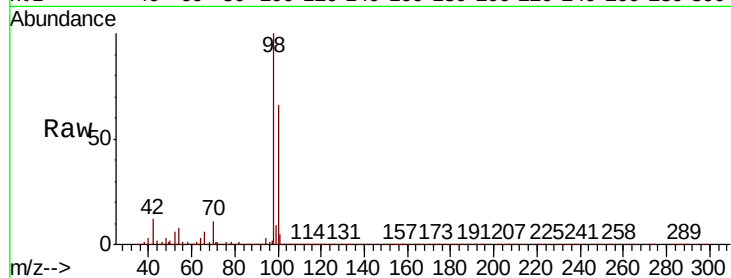
ROOF-DRAIN-20191121

Tot Ion: 98 Resp: 1225403

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.845 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

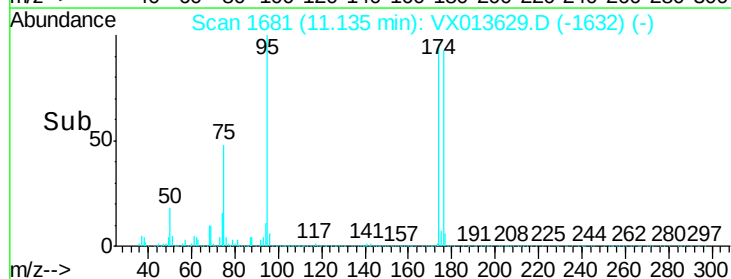
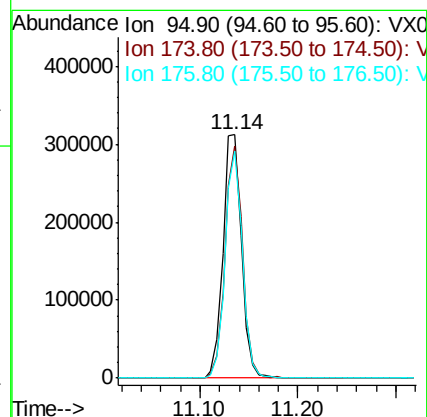
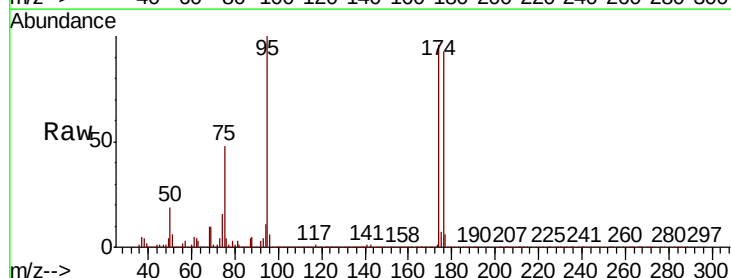
Tgt Ion: 95 Resp: 408917

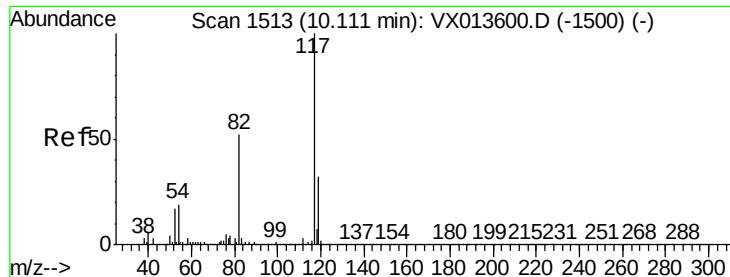
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 87.2 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

Instrument :

MSVOA_X

ClientSampleId :

ROOF-DRAIN-20191121

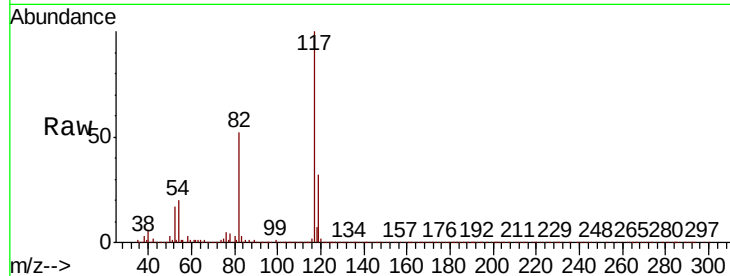
Tot Ion:117 Resp: 925631

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

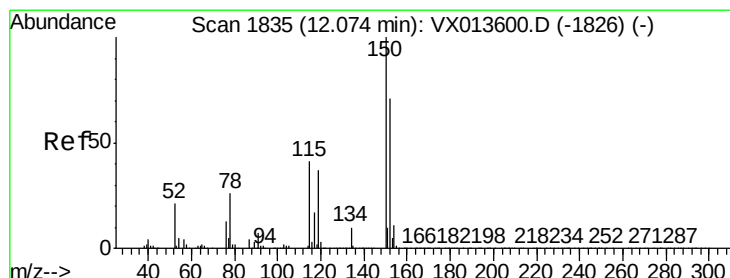
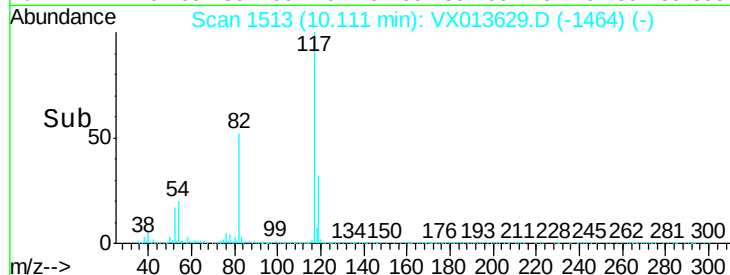
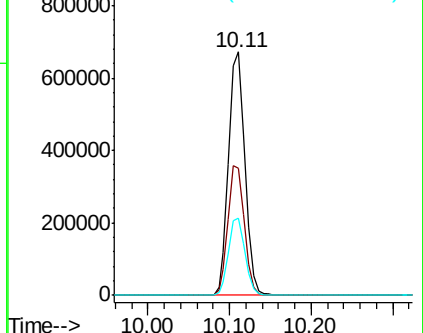
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013629.D

Acq: 27 Nov 2019 03:52

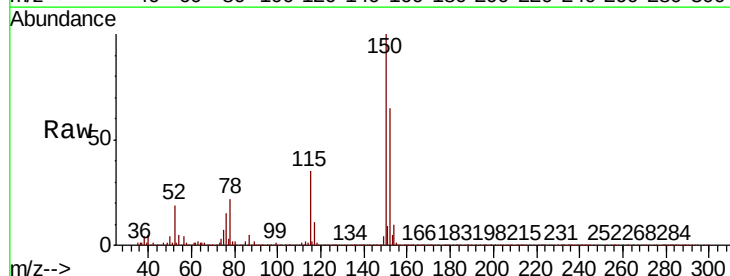
Tgt Ion:152 Resp: 409545

Ion Ratio Lower Upper

152 100

115 54.9 38.4 115.1

150 155.8 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

