

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019631.D
 Acq On : 25 Nov 2020 01:59
 Operator : JC/MD
 Sample : L4835-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20201119

Quant Time: Nov 25 06:51:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	523326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185409	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	197553	48.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.02%	
35) Dibromofluoromethane		5.46	113	155761	47.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.84%	
50) Toluene-d8		8.70	98	625925	49.04	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.08%	
62) 4-Bromofluorobenzene		11.12	95	214360	46.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.34%	

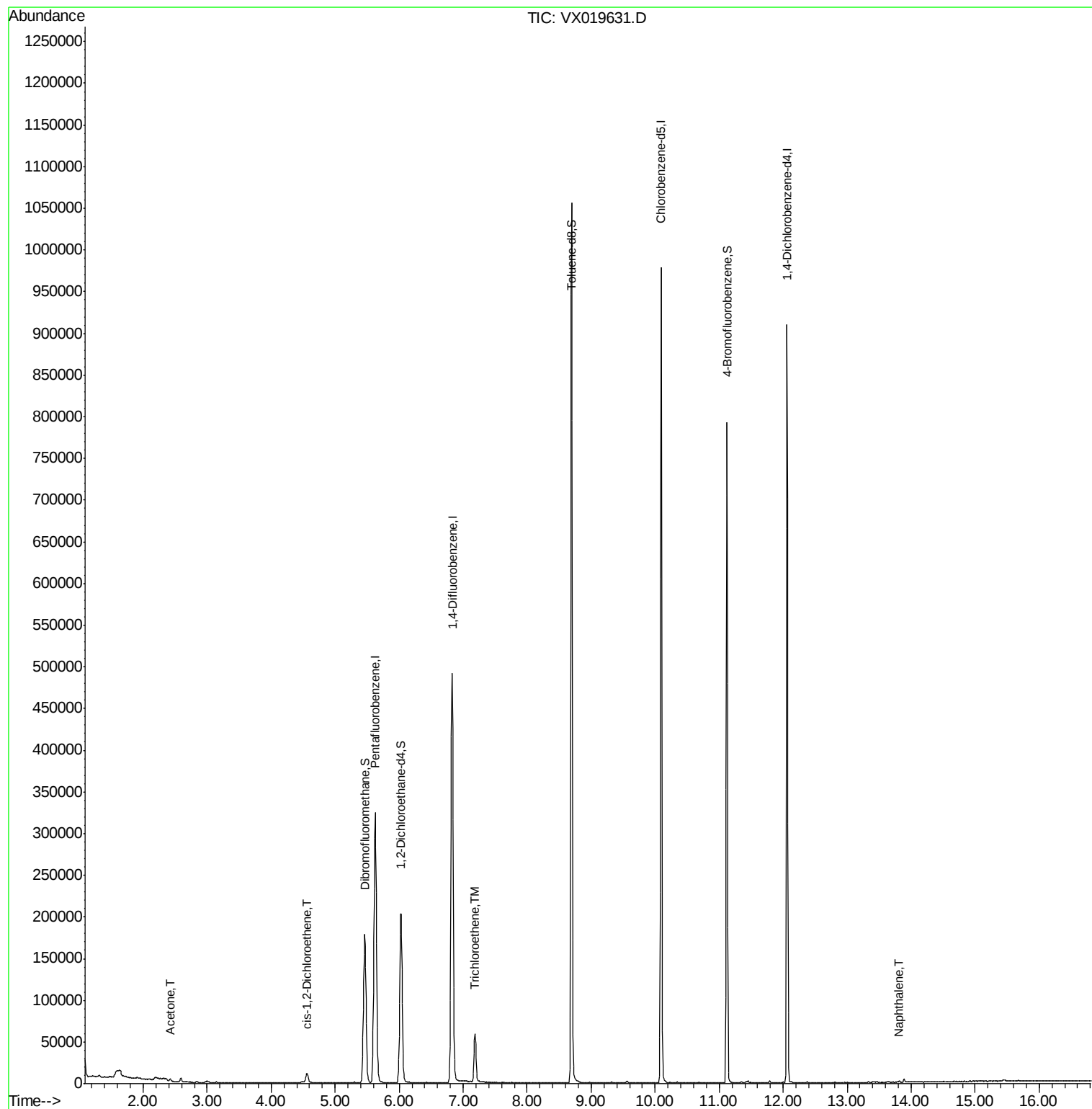
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	2688	1.707	ug/l	90
27) cis-1,2-Dichloroethene	4.56	96	7062	1.740	ug/l	91
44) Trichloroethene	7.18	130	21470	5.437	ug/l	94
95) Naphthalene	13.81	128	1227	2.264	ug/l	98

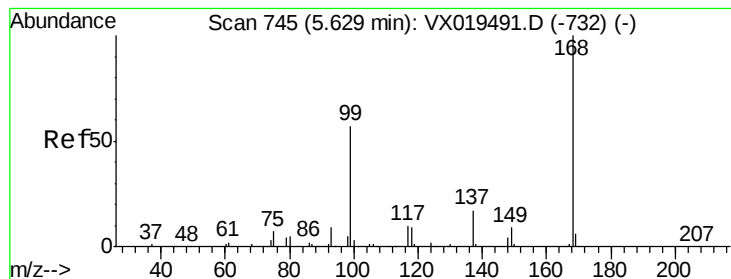
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

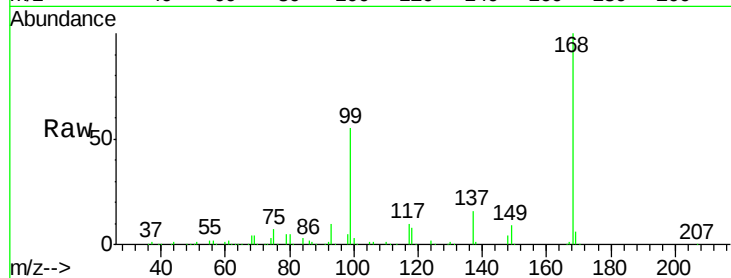
ROOF-DRAIN-20201119

Tot Ion:168 Resp: 314090

Ion Ratio Lower Upper

168 100

99 55.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

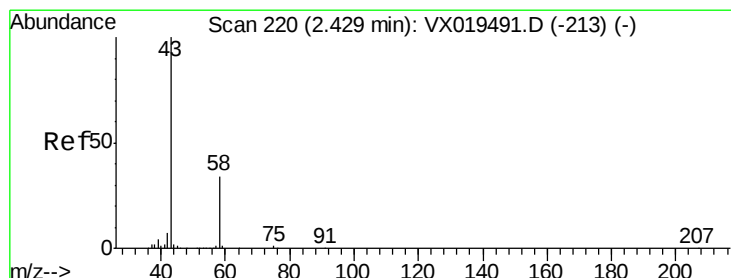
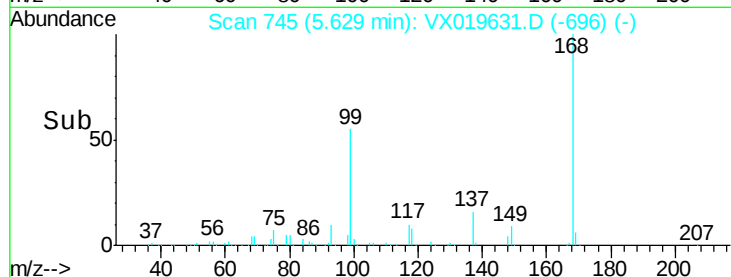
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.707 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019631.D

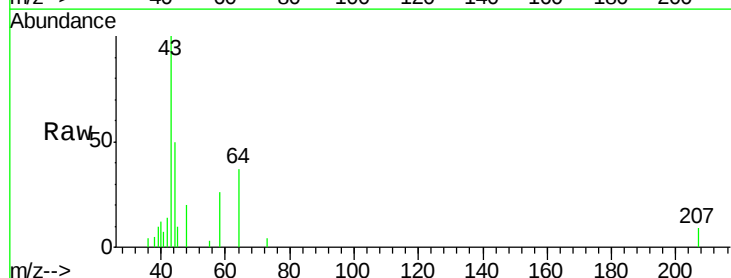
Acq: 25 Nov 2020 01:59

Tgt Ion: 43 Resp: 2688

Ion Ratio Lower Upper

43 100

58 28.3 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

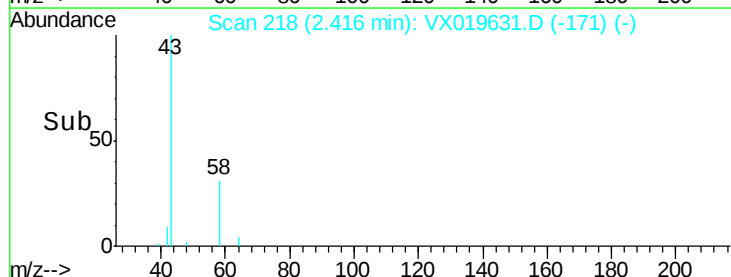
1500

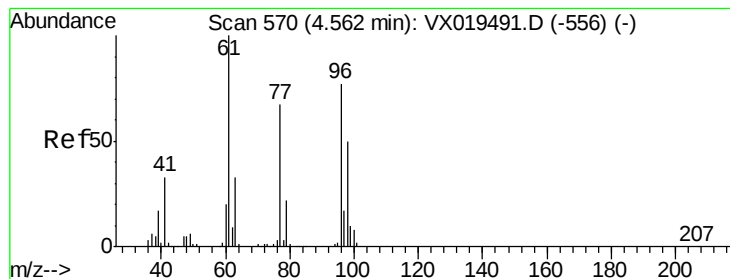
1000

500

0

Time-->



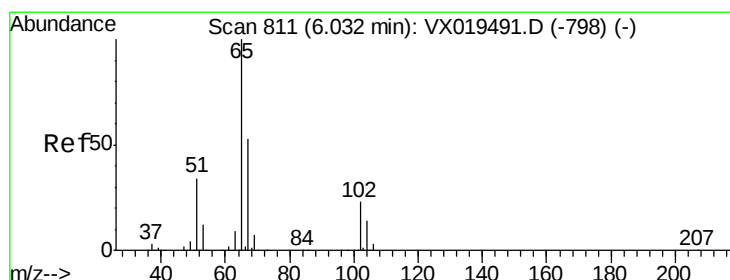
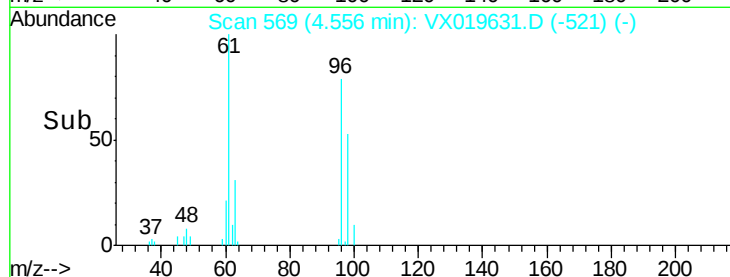
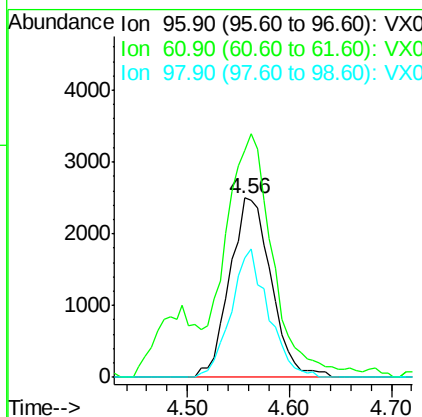
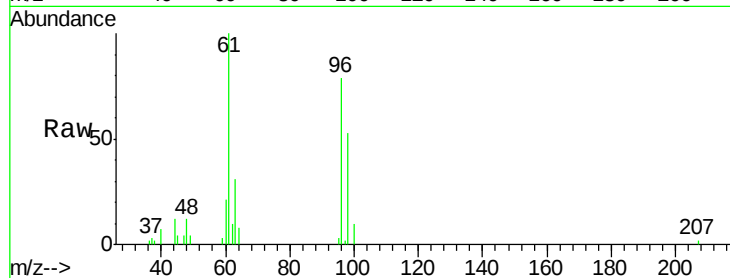


#27

cis-1,2-Dichloroethene
 Concen: 1.740 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019631.D
 Acq: 25 Nov 2020 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ROOF-DRAIN-20201119

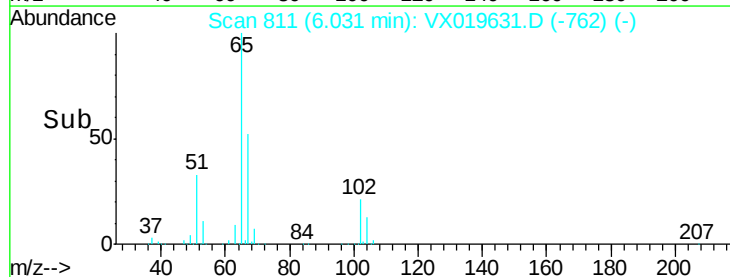
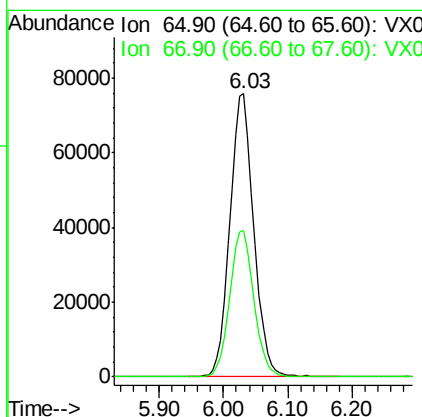
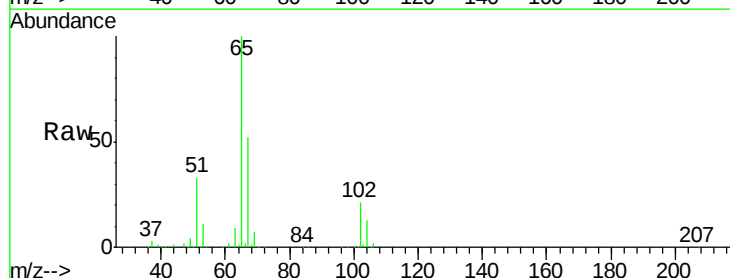
Tot Ion: 96 Resp: 7062
 Ion Ratio Lower Upper
 96 100
 61 155.4 0.0 279.2
 98 64.0 0.0 129.8

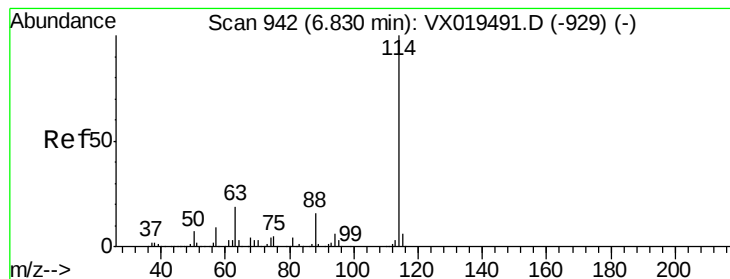


#33

1,2-Dichloroethane-d4
 Concen: 48.510 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019631.D
 Acq: 25 Nov 2020 01:59

Tgt Ion: 65 Resp: 197553
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

ROOF-DRAIN-20201119

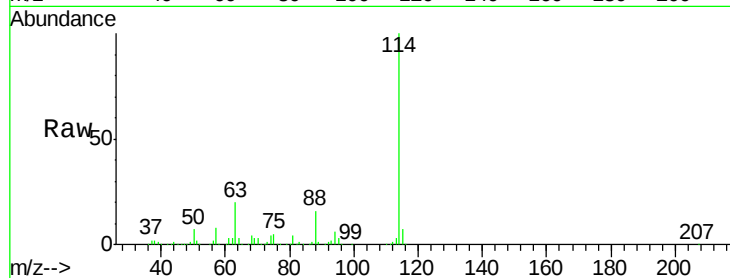
Tot Ion:114 Resp: 523326

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

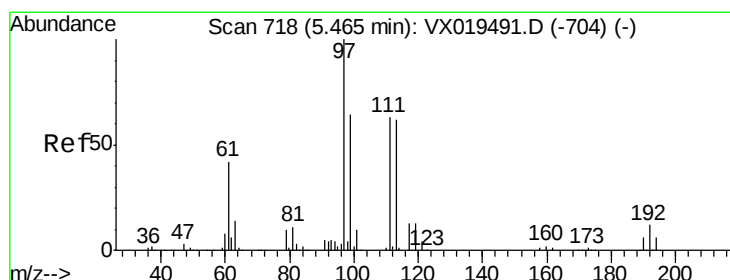
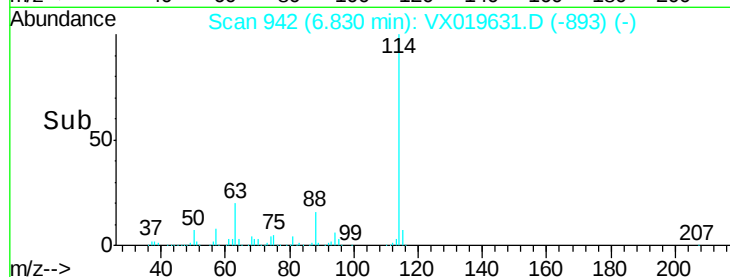
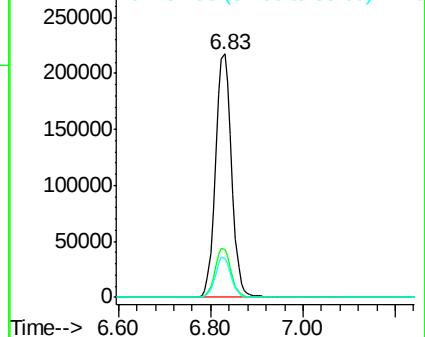
88 15.9 0.0 31.6



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: 47.417 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

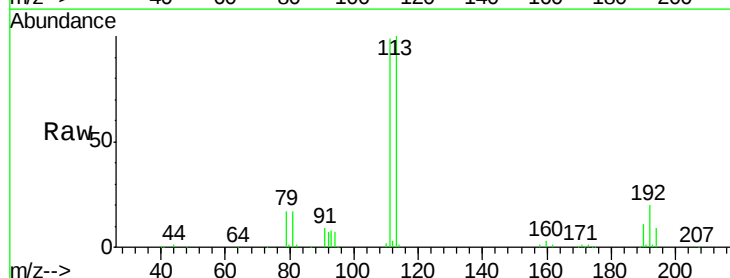
Tgt Ion:113 Resp: 155761

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

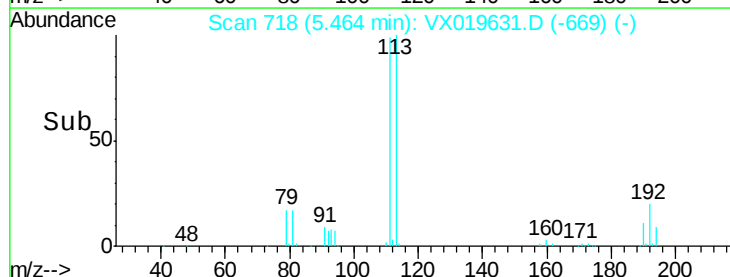
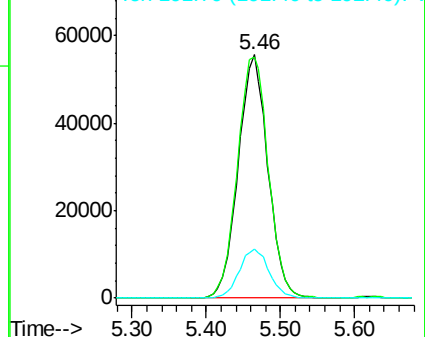
192 20.3 16.2 24.2

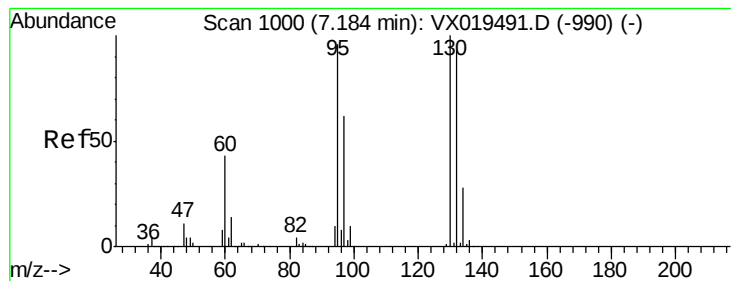


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.437 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

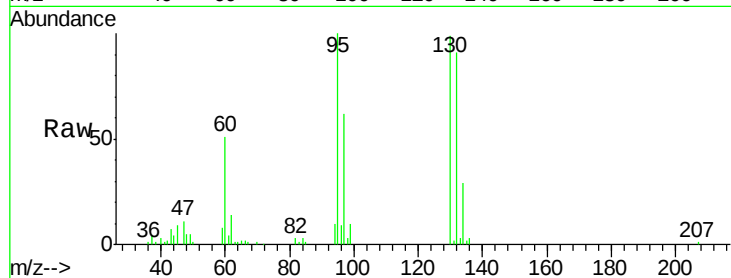
ROOF-DRAIN-20201119

Tot Ion:130 Resp: 21470

Ion Ratio Lower Upper

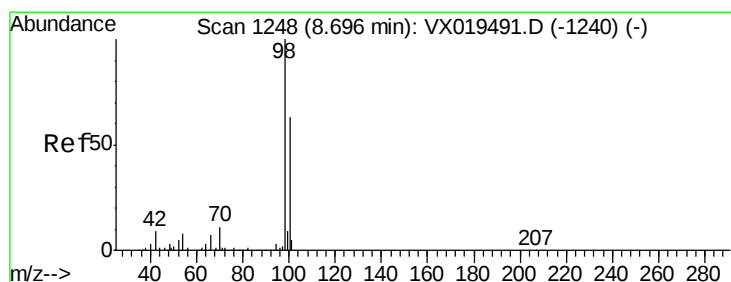
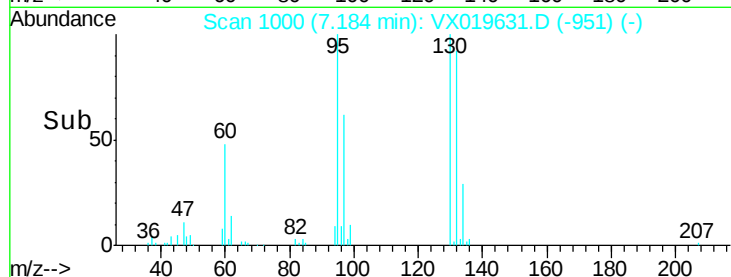
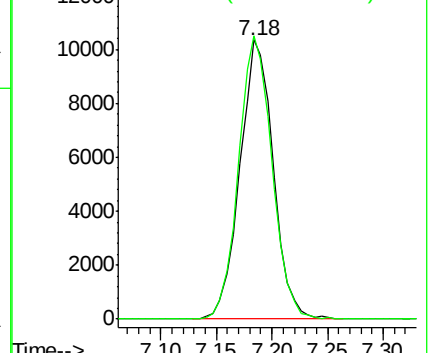
130 100

95 101.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.035 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019631.D

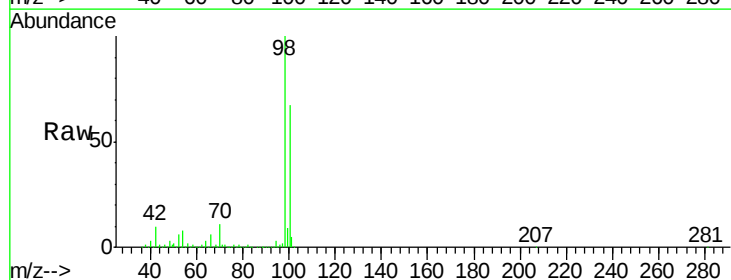
Acq: 25 Nov 2020 01:59

Tgt Ion: 98 Resp: 625925

Ion Ratio Lower Upper

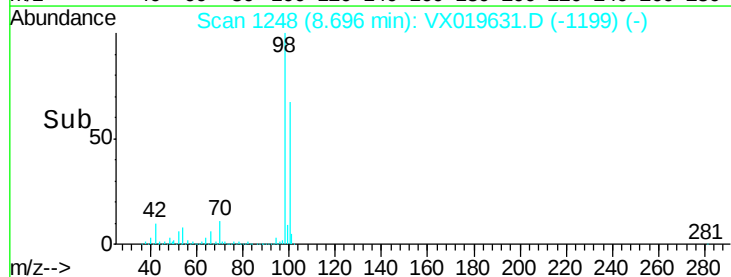
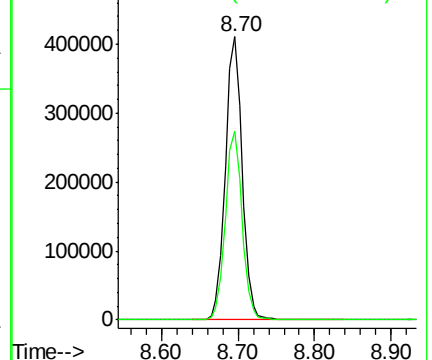
98 100

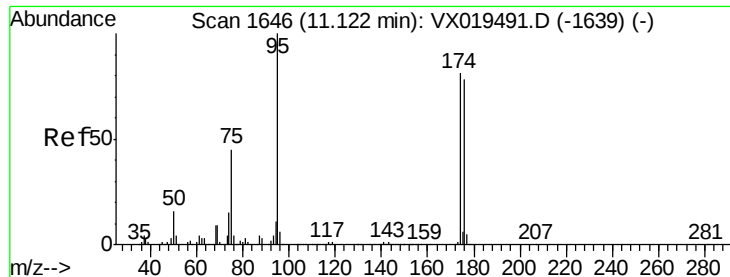
100 66.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.675 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

Instrument :

MSVOA_X

ClientSampleId :

ROOF-DRAIN-20201119

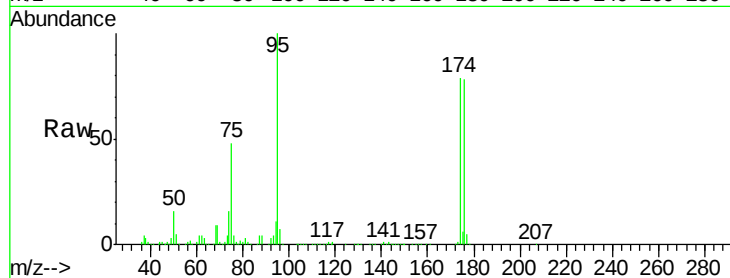
Tot Ion: 95 Resp: 214360

Ion Ratio Lower Upper

95 100

174 76.9 0.0 156.2

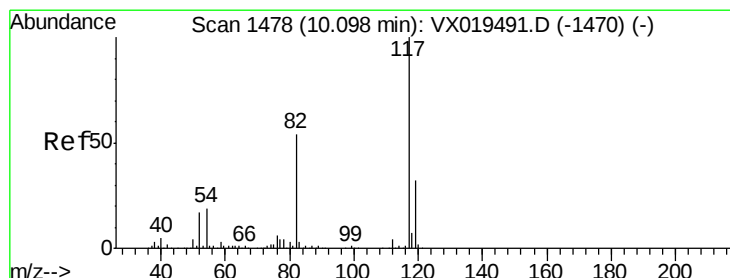
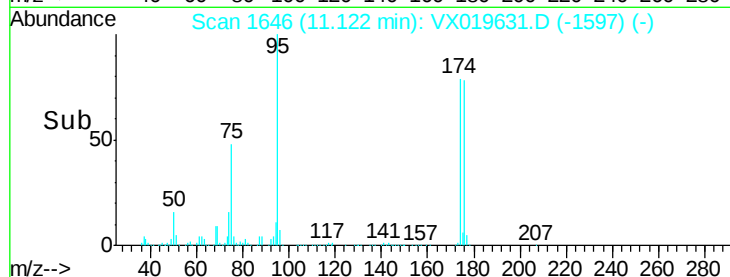
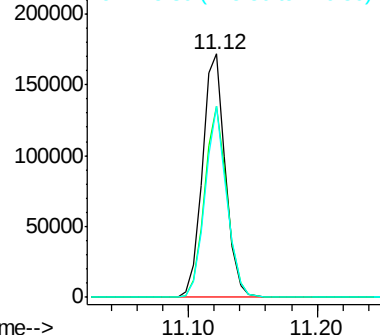
176 74.0 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

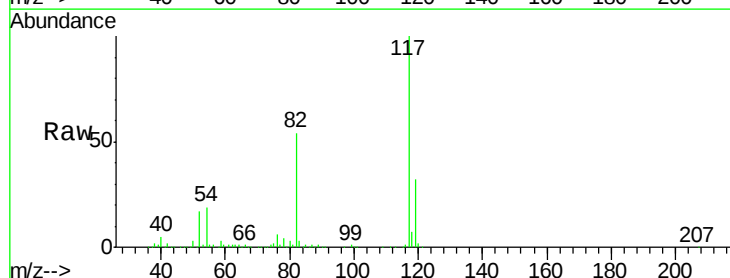
Tgt Ion: 117 Resp: 465373

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

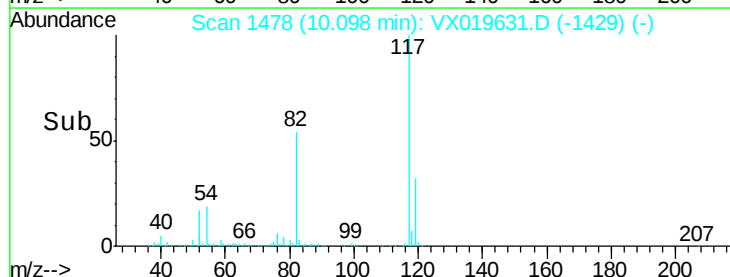
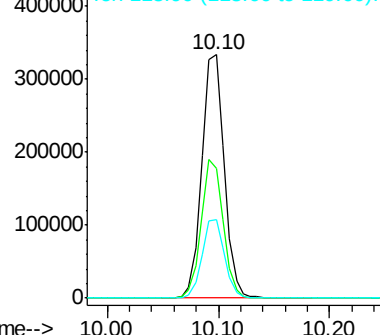
119 32.1 25.6 38.4

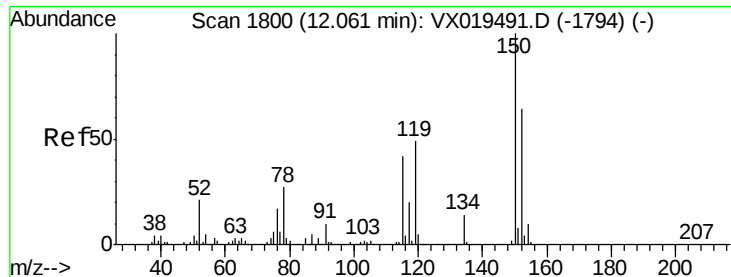


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

Instrument :

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ClientSampleId :

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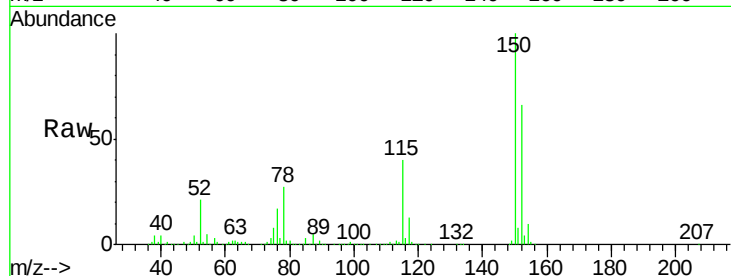
Tot Ion:152 Resp: 185409

Ion Ratio Lower Upper

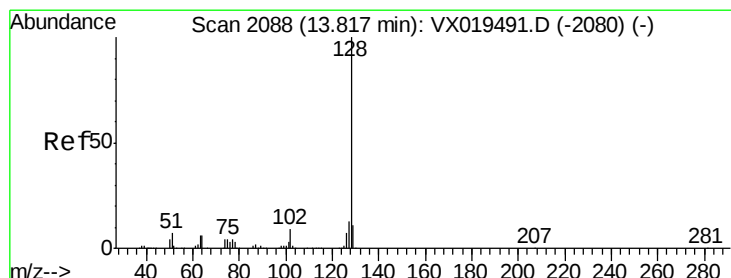
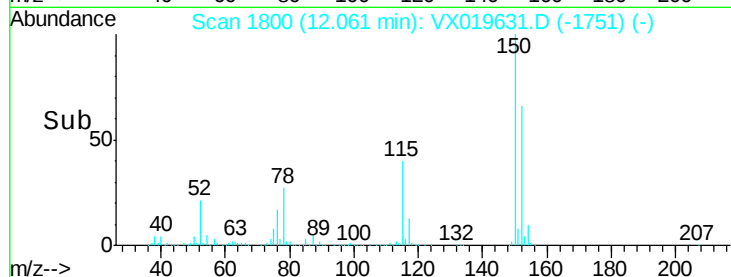
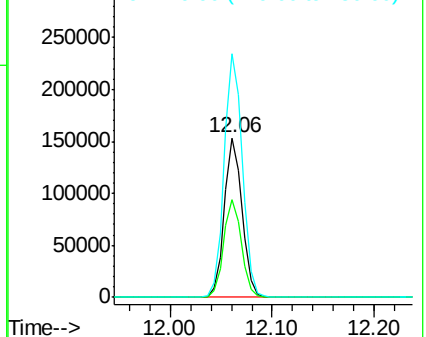
152 100

115 61.3 41.8 125.4

150 156.4 0.0 348.2



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



#95

Naphthalene

Concen: 2.264 ug/l

RT: 13.81 min Scan# 2087

Delta R.T. -0.01 min

Lab File: VX019631.D

Acq: 25 Nov 2020 01:59

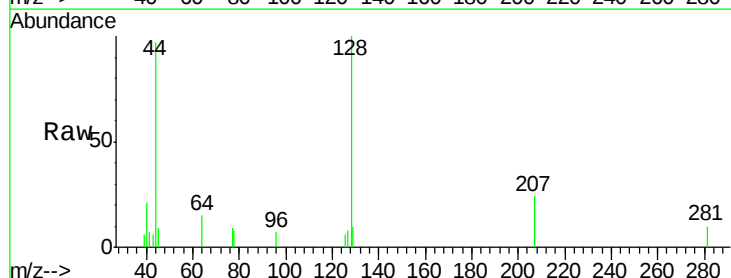
Tgt Ion:128 Resp: 1227

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

