

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010595.D
 Acq On : 01 Jul 2019 16:54
 Operator : JC/SP
 Sample : K3557-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-EW03-TRENCH

Quant Time: Jul 02 07:06:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

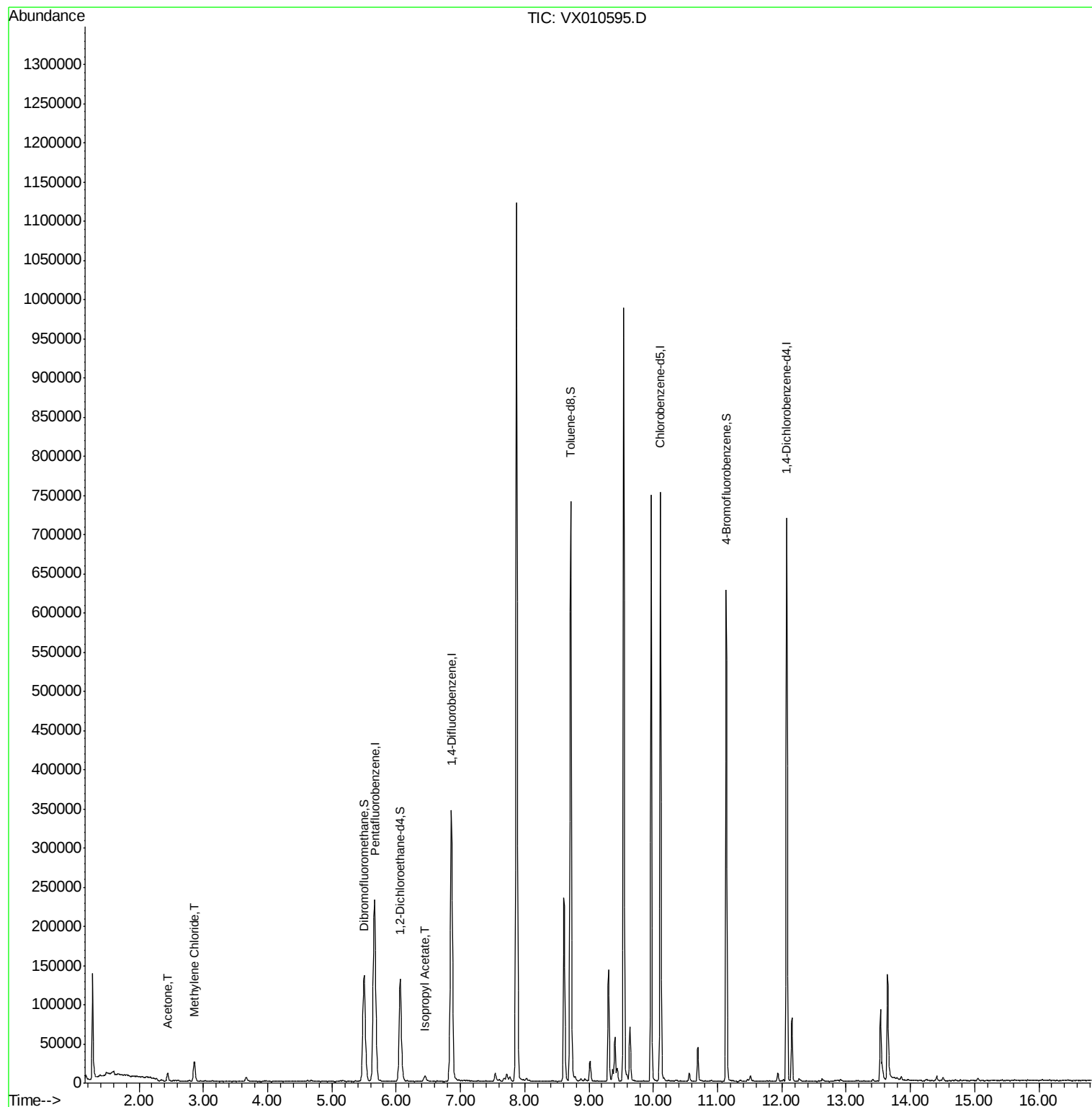
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117774	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	5.50	113	113494	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	453328	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.13	95	151563	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
Target Compounds						
16) Acetone	2.45	43	11801	10.368	ug/l	94
20) Methylene Chloride	2.86	84	13533	5.778	ug/l	97
43) Isopropyl Acetate	6.45	43	9619	1.892	ug/l	96

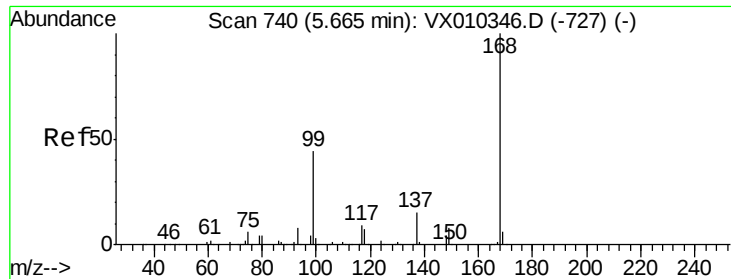
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010595.D

Acq: 01 Jul 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

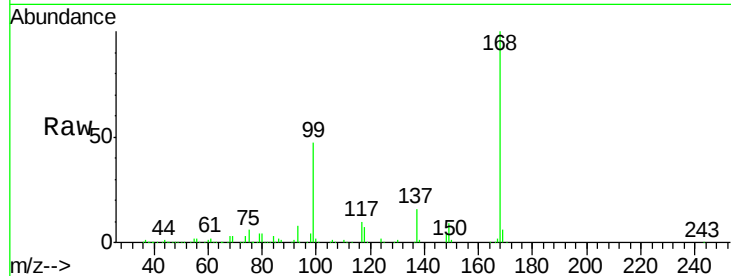
IDW-EW03-TRENCH

Tot Ion:168 Resp: 242223

Ion Ratio Lower Upper

168 100

99 47.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

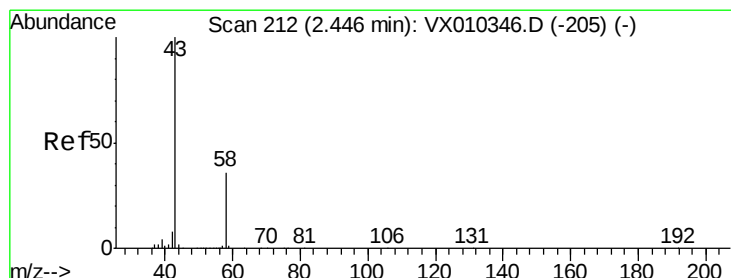
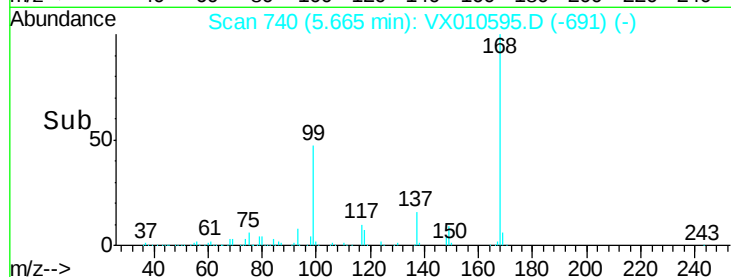
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.368 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010595.D

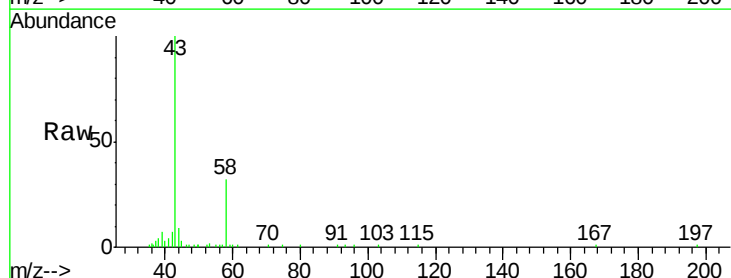
Acq: 01 Jul 2019 16:54

Tgt Ion: 43 Resp: 11801

Ion Ratio Lower Upper

43 100

58 32.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

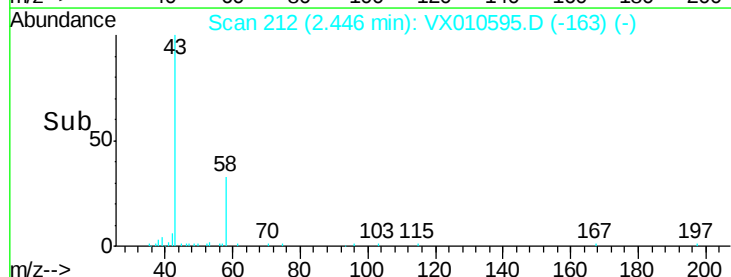
6000

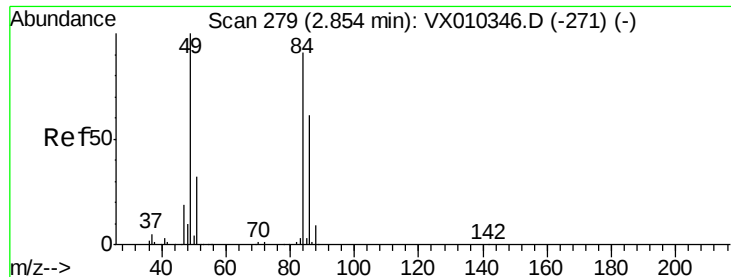
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

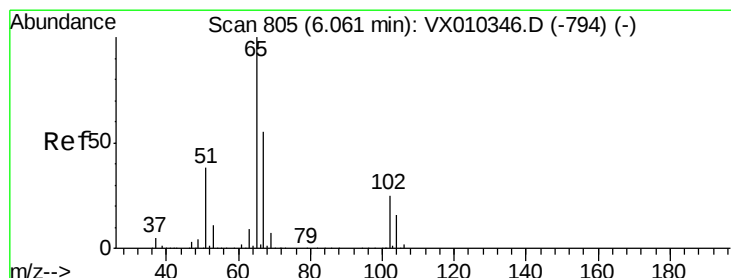
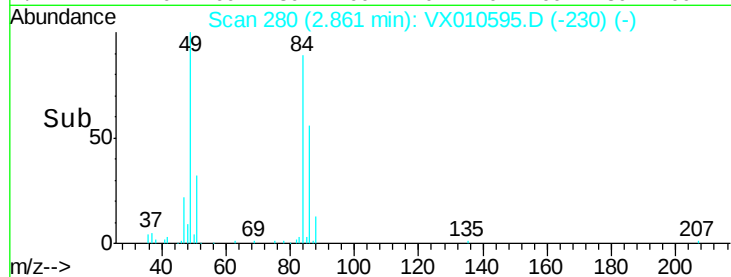
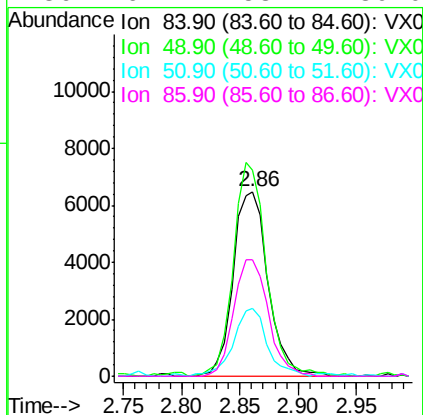
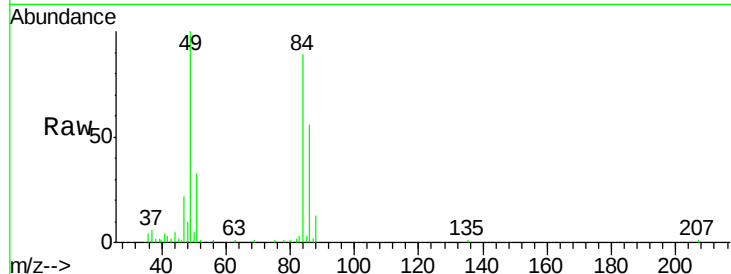




#20
Methvlene Chloride
Concen: 5.778 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010595.D
Acq: 01 Jul 2019 16:54

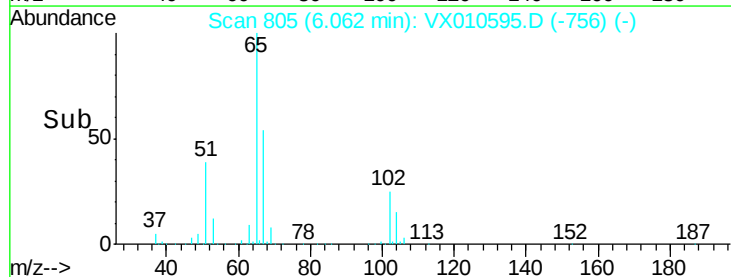
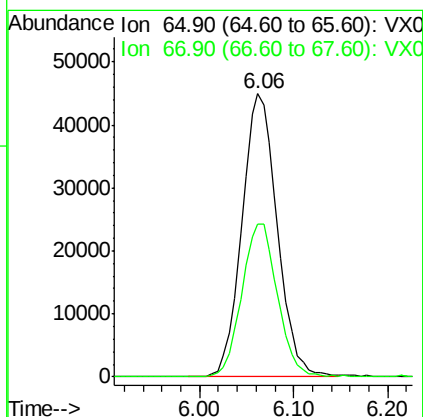
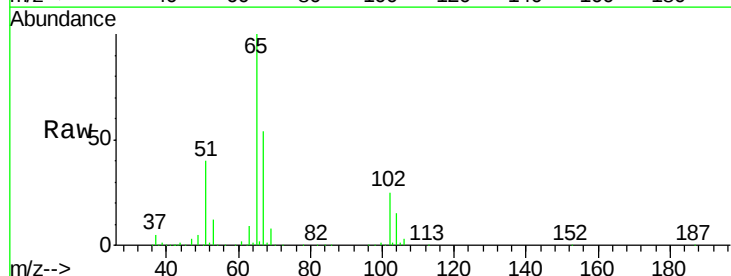
Instrument :
MSVOA_X
ClientSampleId :
IDW-EW03-TRENCH

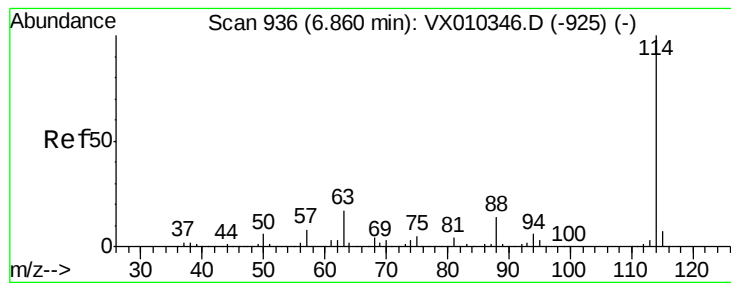
Tot Ion: 84 Resp: 13533
Ion Ratio Lower Upper
84 100
49 111.7 87.5 131.3
51 36.7 27.7 41.5
86 62.7 53.4 80.0



#33
1,2-Dichloroethane-d4
Concen: 51.858 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010595.D
Acq: 01 Jul 2019 16:54

Tgt Ion: 65 Resp: 117774
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010595.D

Acq: 01 Jul 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

IDW-EW03-TRENCH

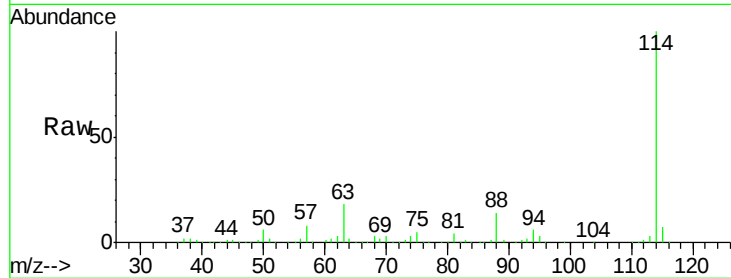
Tot Ion:114 Resp: 375811

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

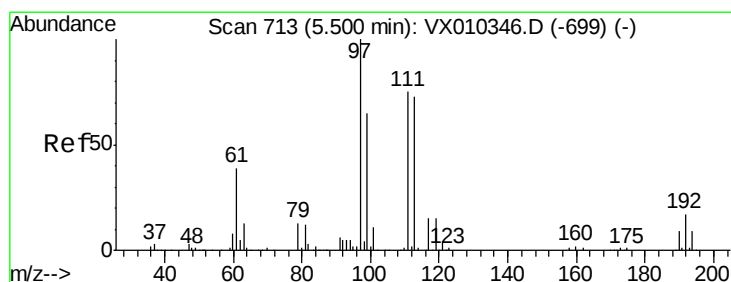
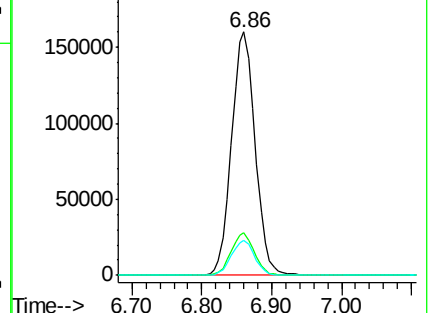
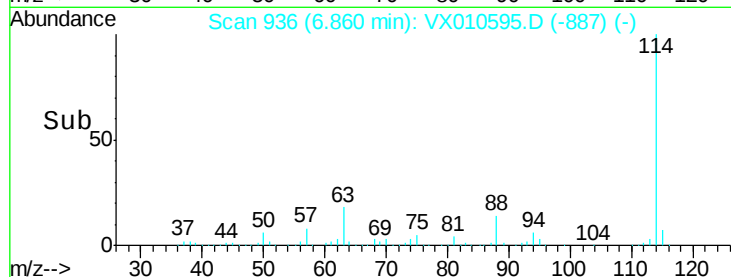
88 14.4 0.0 27.6



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: 49.359 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010595.D

Acq: 01 Jul 2019 16:54

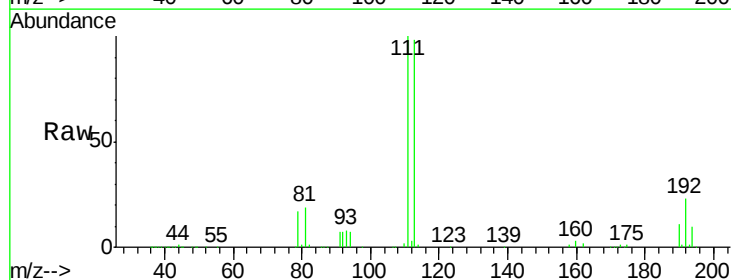
Tgt Ion:113 Resp: 113494

Ion Ratio Lower Upper

113 100

111 103.6 81.2 121.8

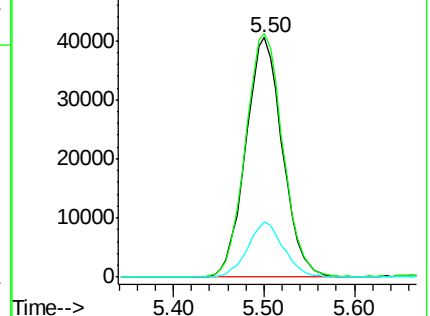
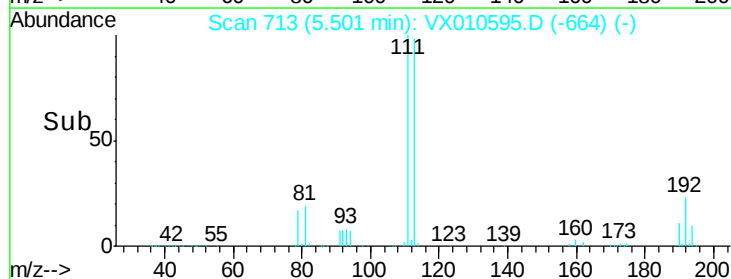
192 22.5 18.6 27.8

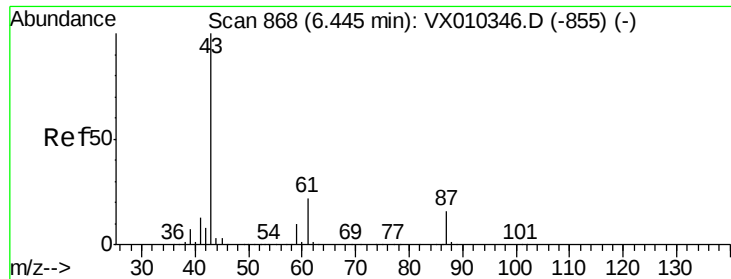


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.892 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010595.D

Acq: 01 Jul 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

IDW-EW03-TRENCH

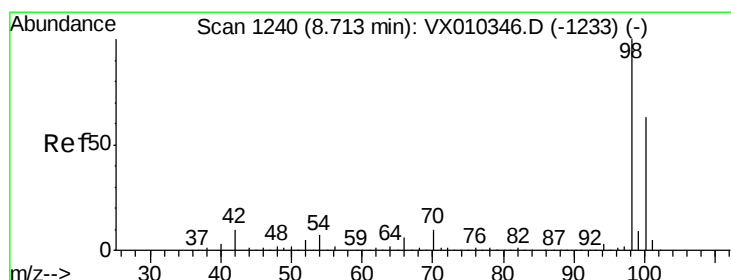
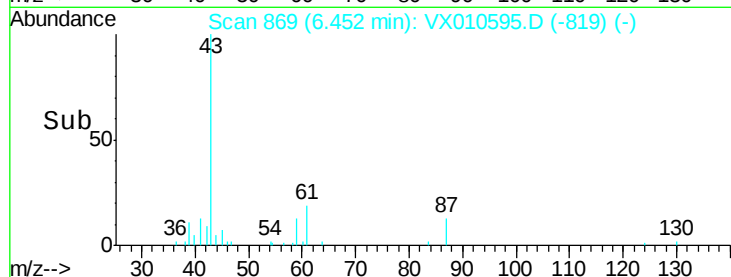
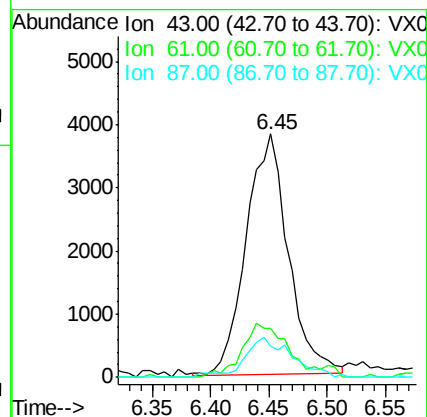
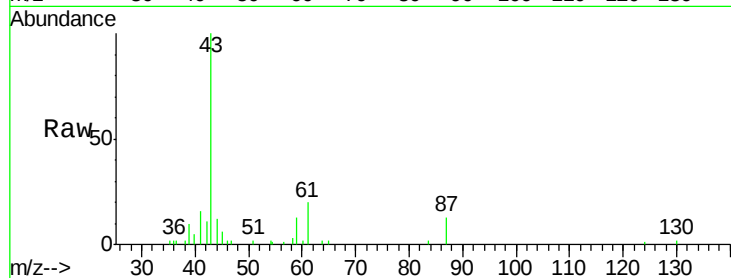
Tot Ion: 43 Resp: 9619

Ion Ratio Lower Upper

43 100

61 24.4 17.8 26.6

87 17.4 13.0 19.4



#50

Toluene-d8

Concen: 51.533 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010595.D

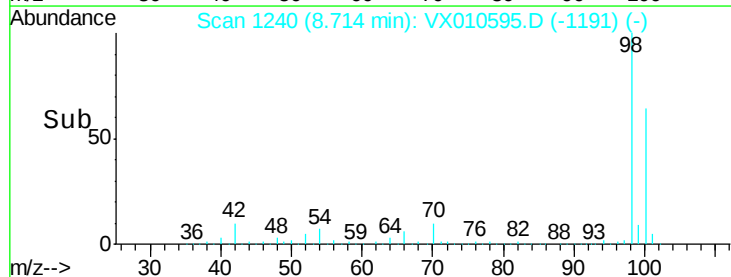
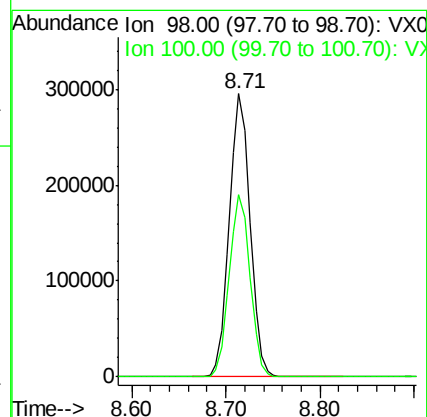
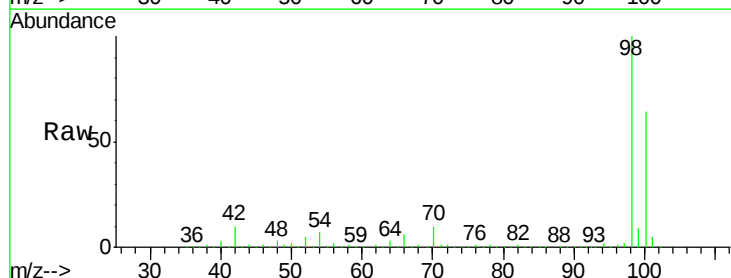
Acq: 01 Jul 2019 16:54

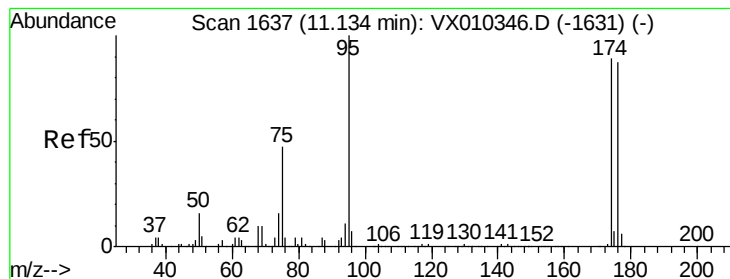
Tgt Ion: 98 Resp: 453328

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 47.723 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010595.D

Acq: 01 Jul 2019 16:54

Instrument :

MSVOA_X

ClientSampleId :

IDW-EW03-TRENCH

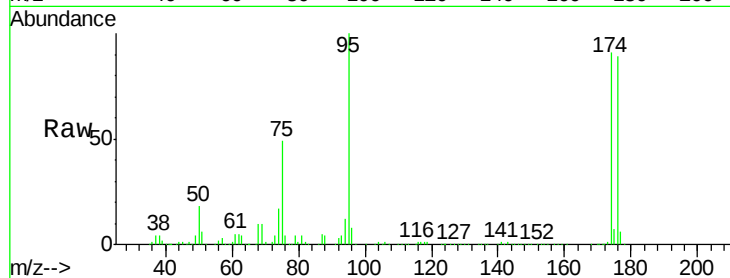
Tot Ion: 95 Resp: 151563

Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.6

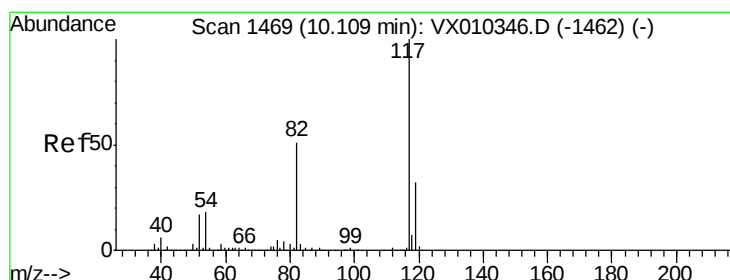
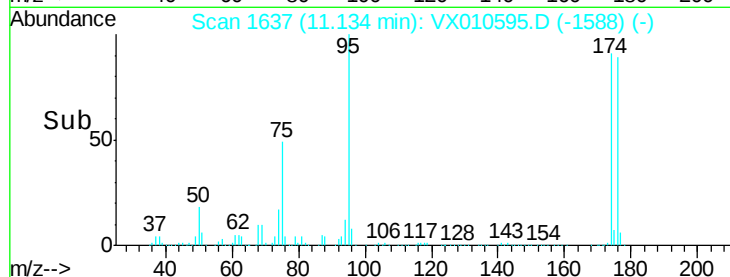
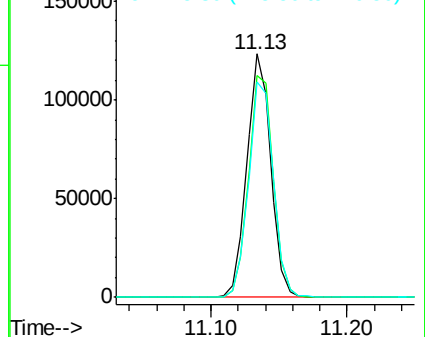
176 92.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010595.D

Acq: 01 Jul 2019 16:54

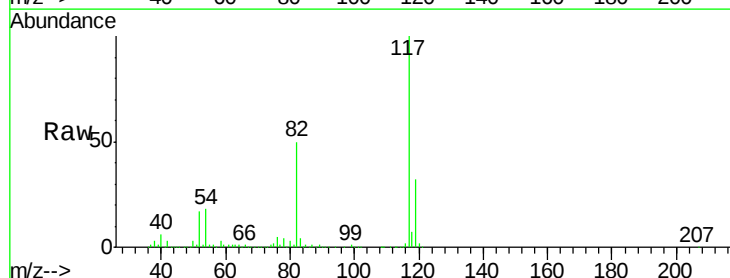
Tgt Ion: 117 Resp: 352468

Ion Ratio Lower Upper

117 100

82 50.1 41.2 61.8

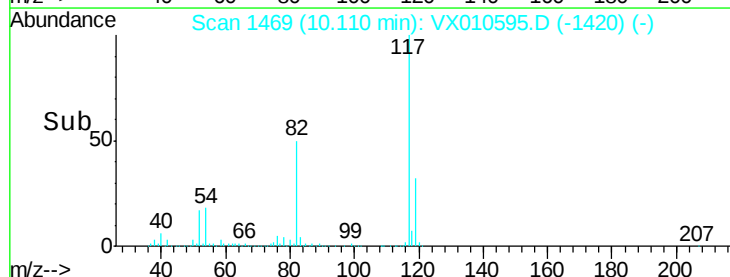
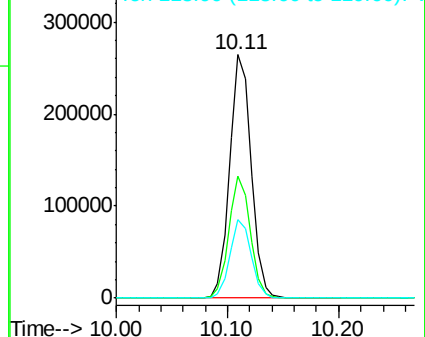
119 32.4 25.5 38.3

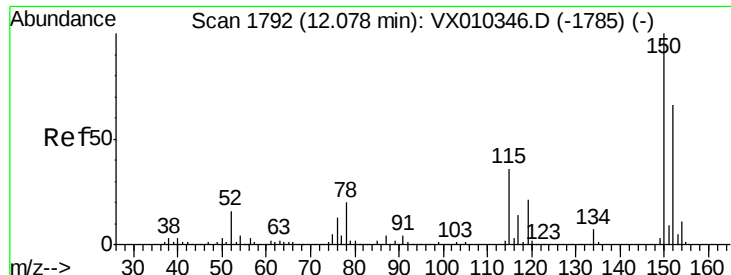


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

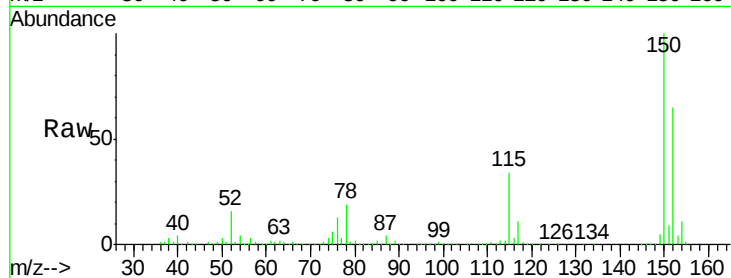




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010595.D
 Acq: 01 Jul 2019 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-EW03-TRENCH

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.4	38.6	115.7
150	156.7	0.0	347.4



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

