

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010570.D
 Acq On : 29 Jun 2019 05:48
 Operator : JC/SP
 Sample : K3557-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-EW03-TRENCH

Quant Time: Jun 29 07:12:58 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

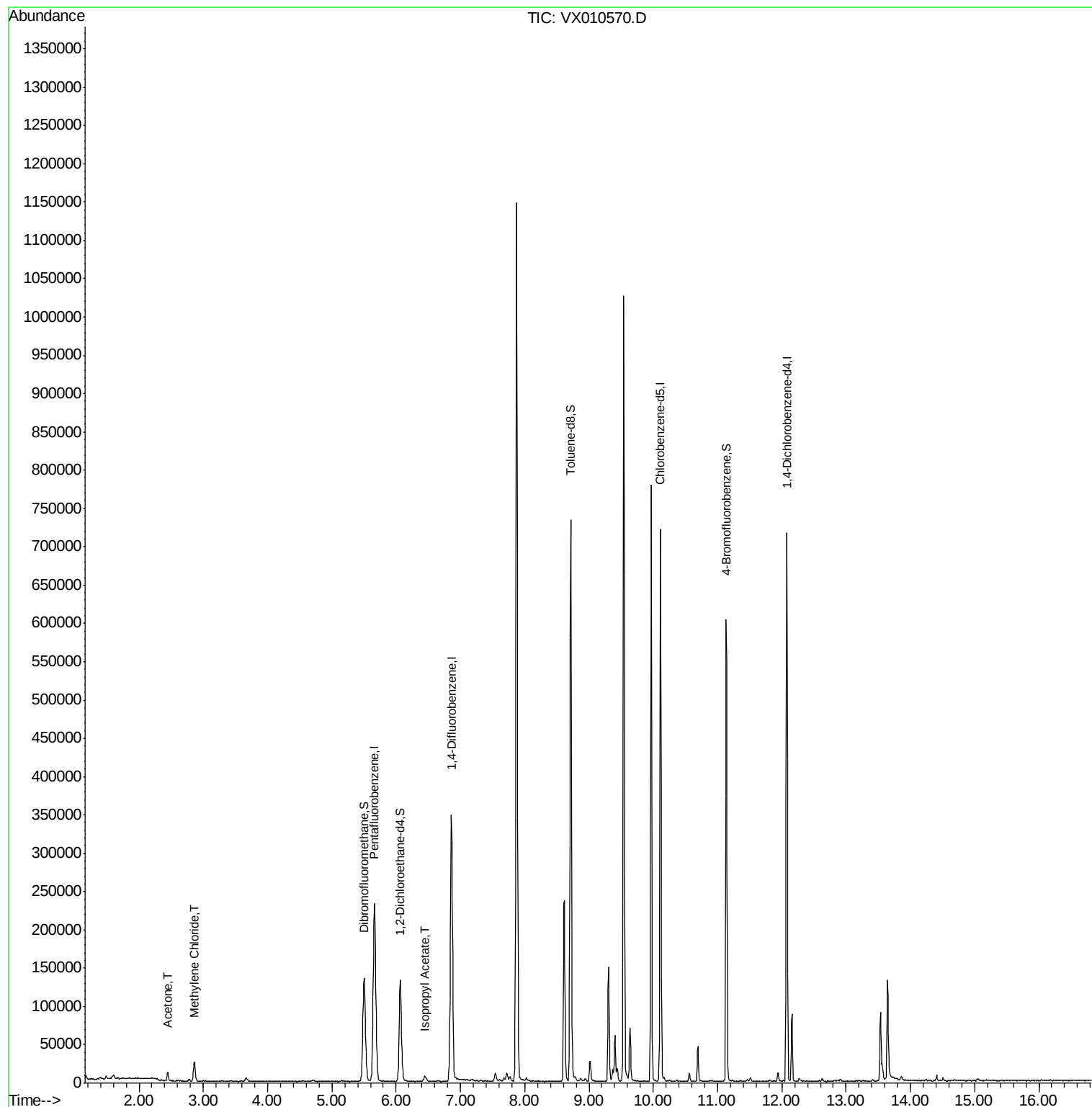
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117797	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	5.50	113	112630	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	450029	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	148609	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
Target Compounds						
16) Acetone	2.45	43	11515	10.066	ug/l	99
20) Methylene Chloride	2.86	84	12900	5.480	ug/l	96
43) Isopropyl Acetate	6.45	43	10446	2.051	ug/l	97

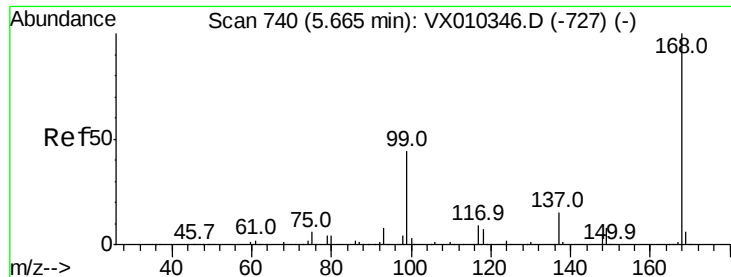
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010570.D

Acq: 29 Jun 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

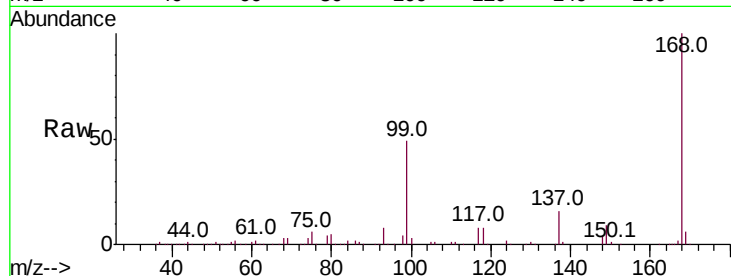
IDW-EW03-TRENCH

Tot Ion:168 Resp: 243436

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

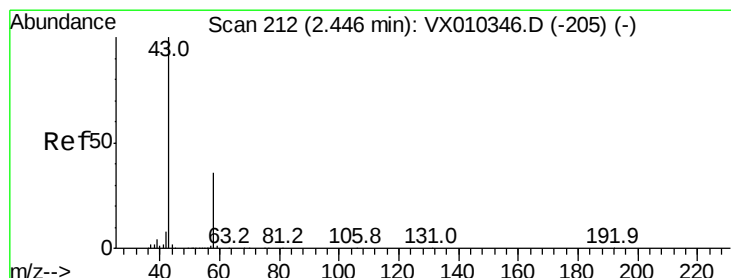
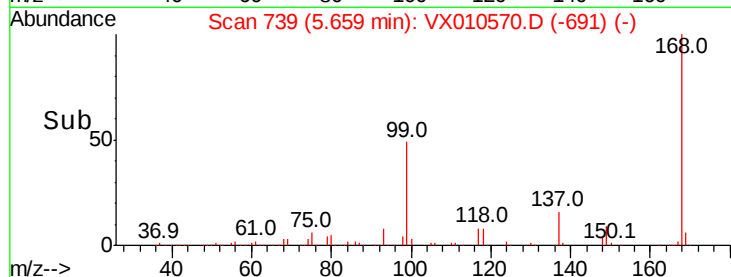
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.066 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010570.D

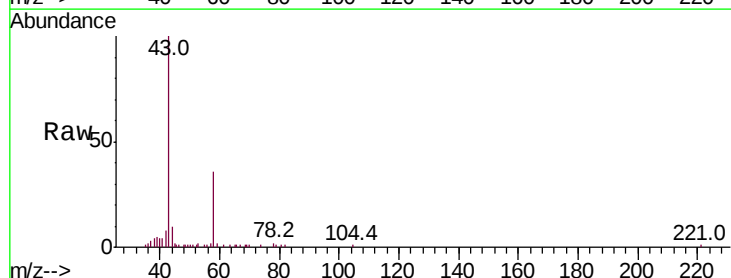
Acq: 29 Jun 2019 05:48

Tgt Ion: 43 Resp: 11515

Ion Ratio Lower Upper

43 100

58 35.7 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

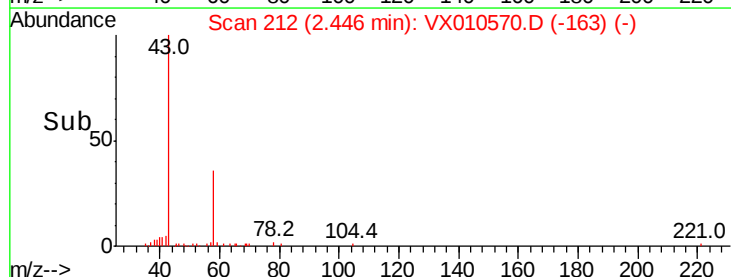
6000

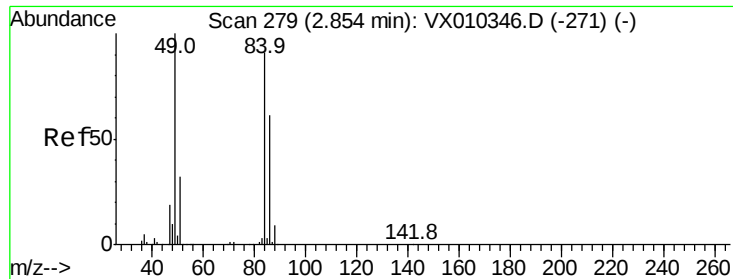
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

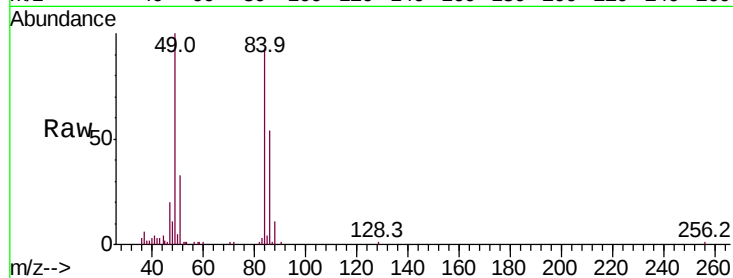




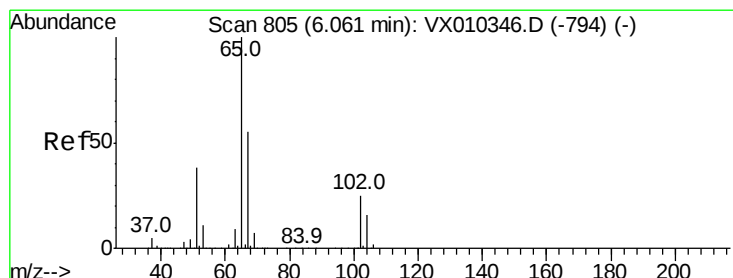
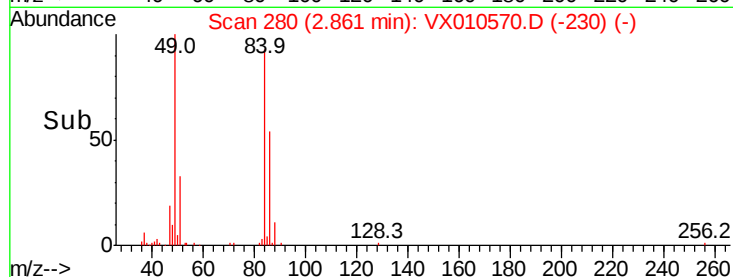
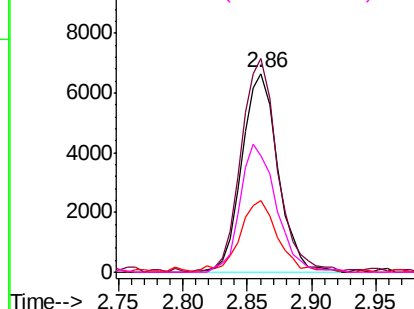
#20
Methylene Chloride
Concen: 5.480 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010570.D
Acq: 29 Jun 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
IDW-EW03-TRENCH

Tot Ion: 84 Resp: 12900
Ion Ratio Lower Upper
84 100
49 107.3 87.5 131.3
51 35.0 27.7 41.5
86 58.3 53.4 80.0

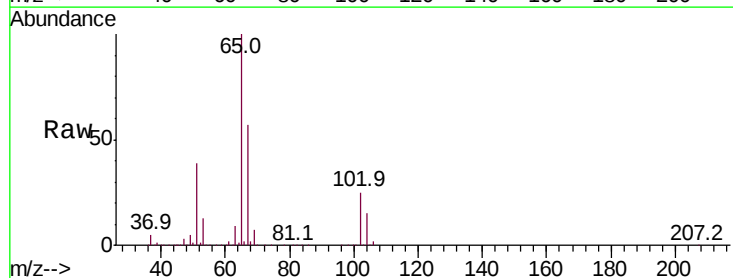


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

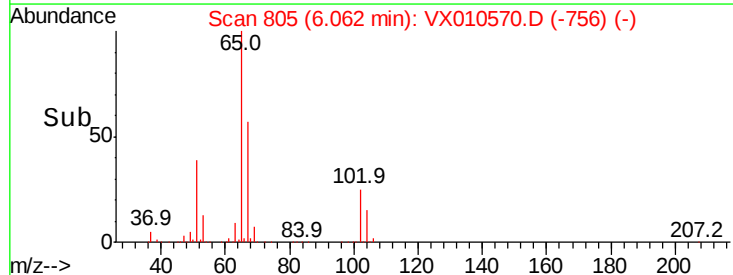
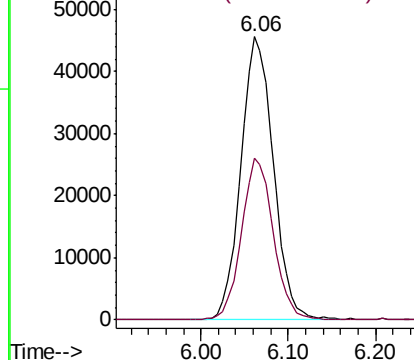


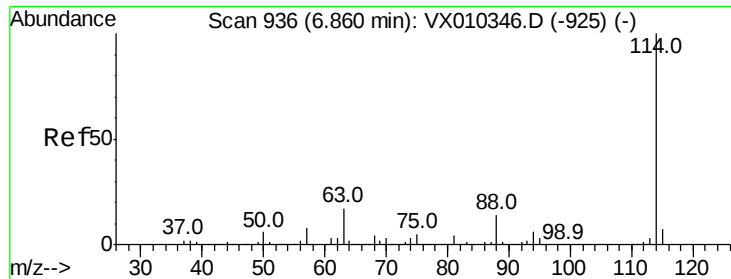
#33
1,2-Dichloroethane-d4
Concen: 51.610 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010570.D
Acq: 29 Jun 2019 05:48

Tgt Ion: 65 Resp: 117797
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

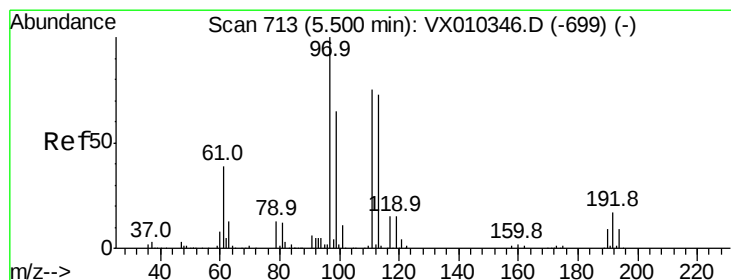
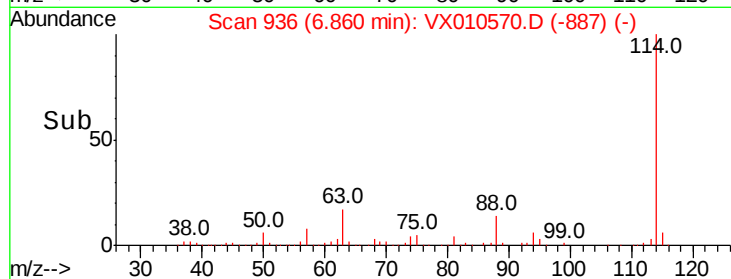
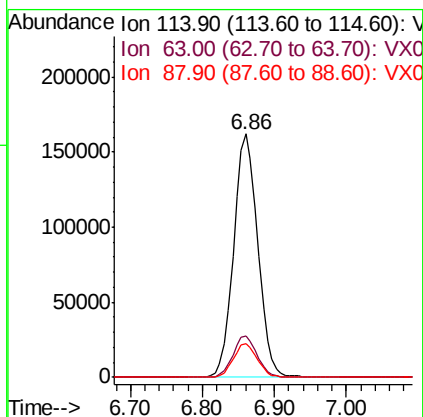
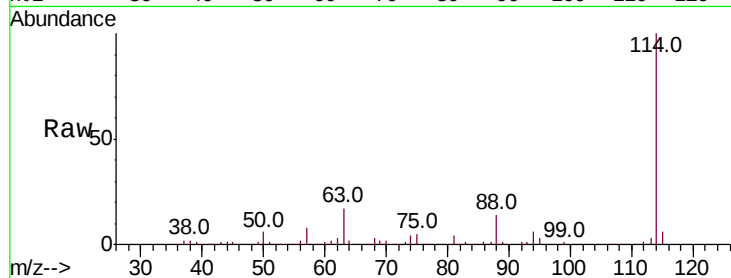




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010570.D
 Acq: 29 Jun 2019 05:48

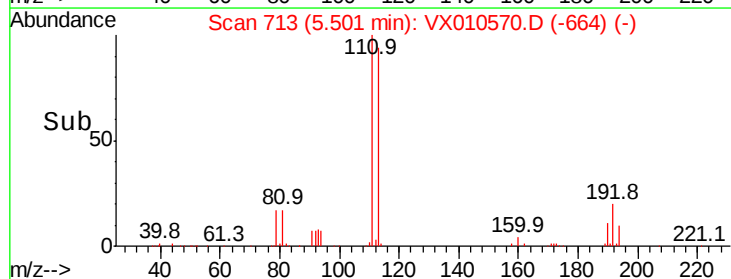
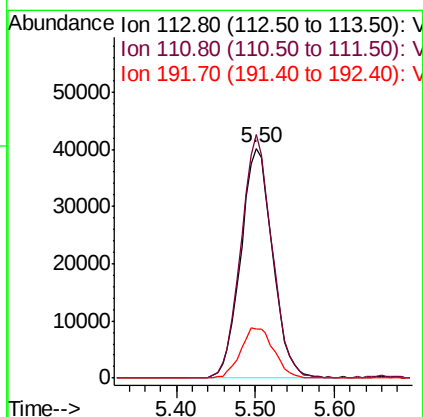
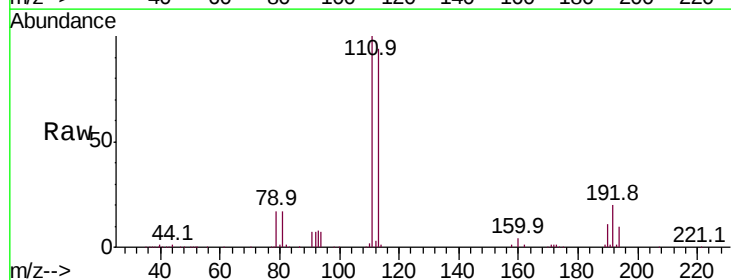
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-EW03-TRENCH

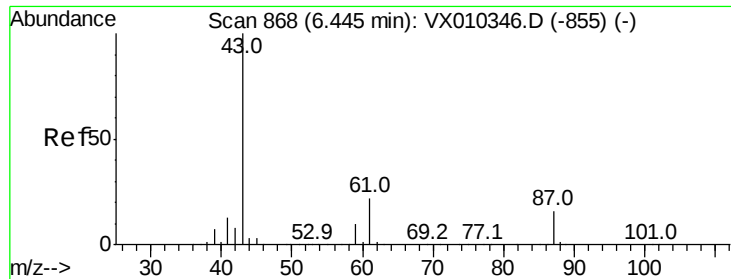
Tot Ion:114 Resp: 376482
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 13.9 0.0 27.6



#35
 Dibromofluoromethane
 Concen: 48.896 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010570.D
 Acq: 29 Jun 2019 05:48

Tgt Ion:113 Resp: 112630
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.2 121.8
 192 22.9 18.6 27.8





#43

Isopropyl Acetate

Concen: 2.051 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010570.D

Acq: 29 Jun 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

IDW-EW03-TRENCH

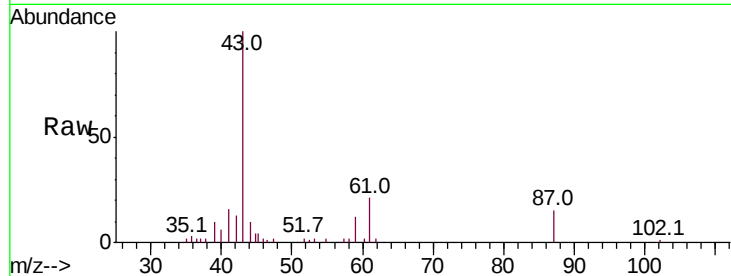
Tot Ion: 43 Resp: 10446

Ion Ratio Lower Upper

43 100

61 23.8 17.8 26.6

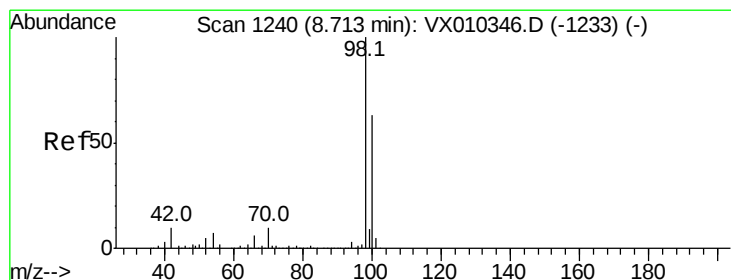
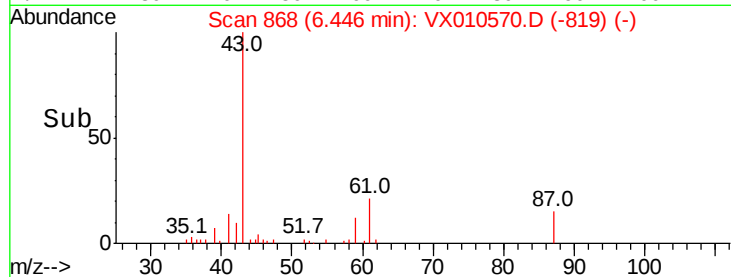
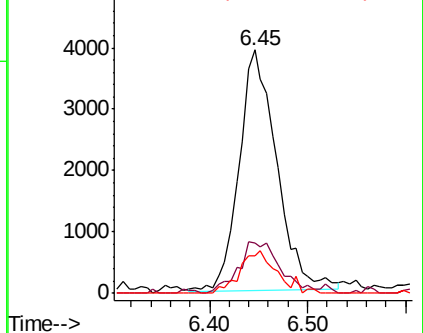
87 17.5 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.067 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010570.D

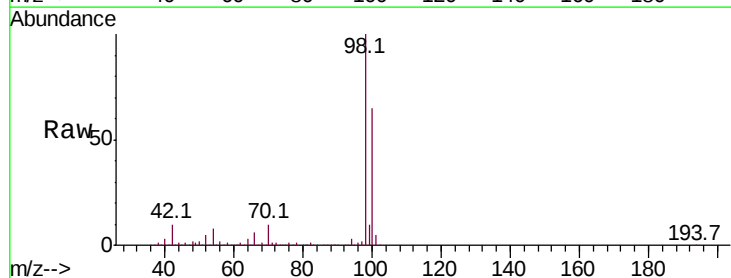
Acq: 29 Jun 2019 05:48

Tgt Ion: 98 Resp: 450029

Ion Ratio Lower Upper

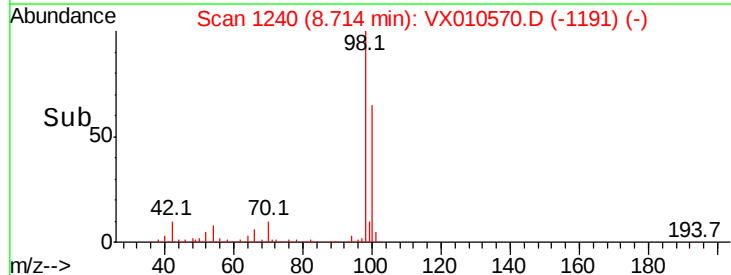
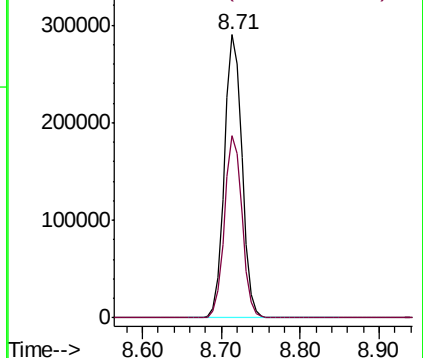
98 100

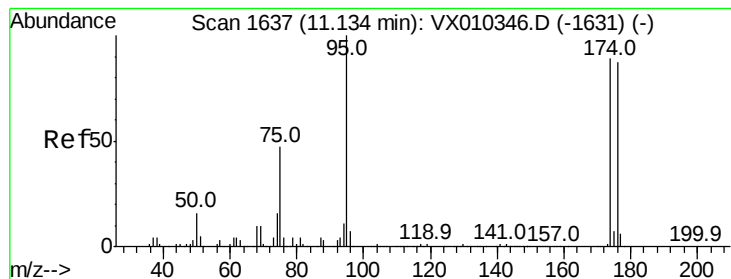
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.709 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010570.D

Acq: 29 Jun 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

IDW-EW03-TRENCH

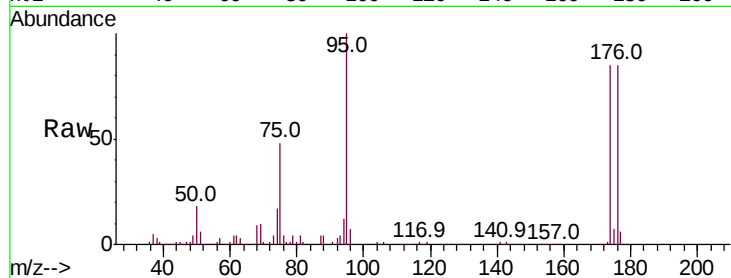
Tot Ion: 95 Resp: 148609

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

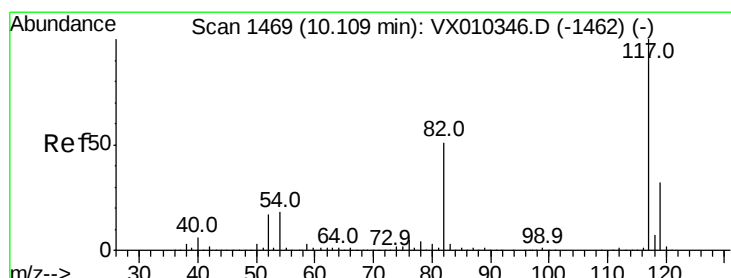
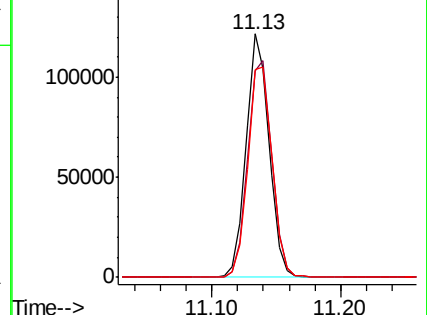
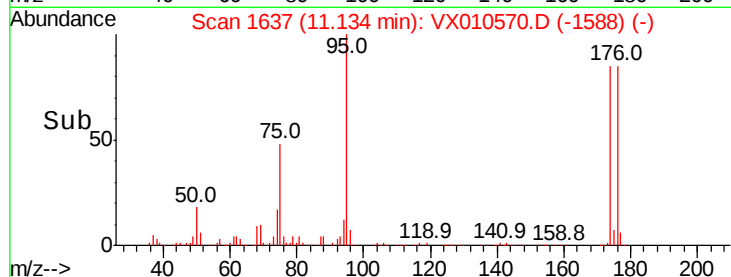
176 91.4 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010570.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010570.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010570.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010570.D

Acq: 29 Jun 2019 05:48

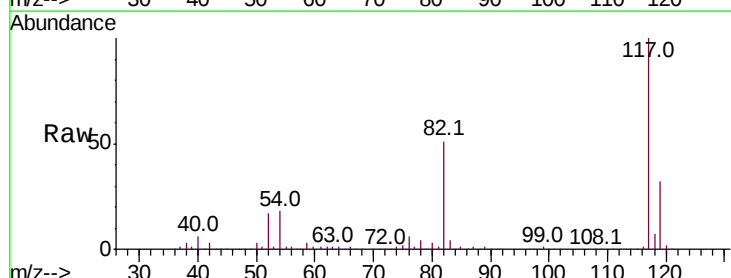
Tgt Ion: 117 Resp: 345728

Ion Ratio Lower Upper

117 100

82 51.3 41.2 61.8

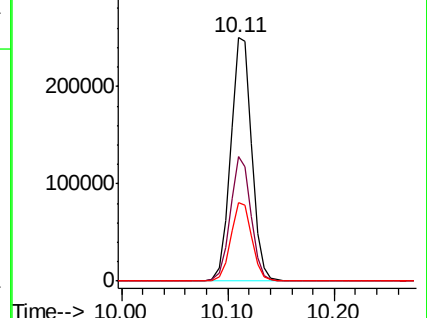
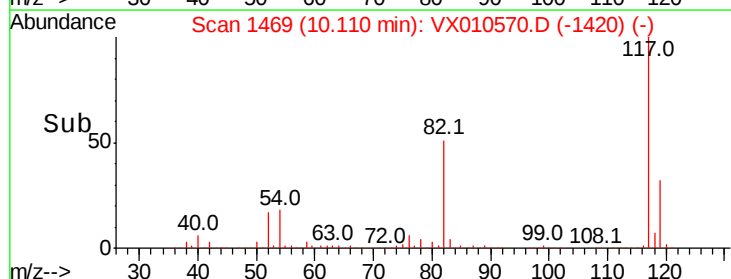
119 32.0 25.5 38.3

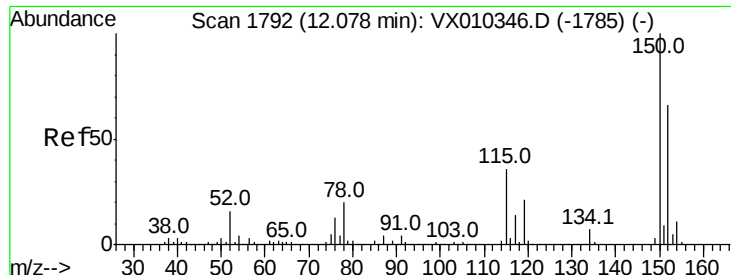


Abundance Ion 116.90 (116.60 to 117.60): VX010570.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010570.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010570.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010570.D
 Acq: 29 Jun 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-EW03-TRENCH

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.6	115.7
150	158.0	0.0	347.4

