

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010928.D
 Acq On : 17 Jul 2019 12:13
 Operator : JC/SP
 Sample : K3834-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-9

Quant Time: Jul 18 03:24:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

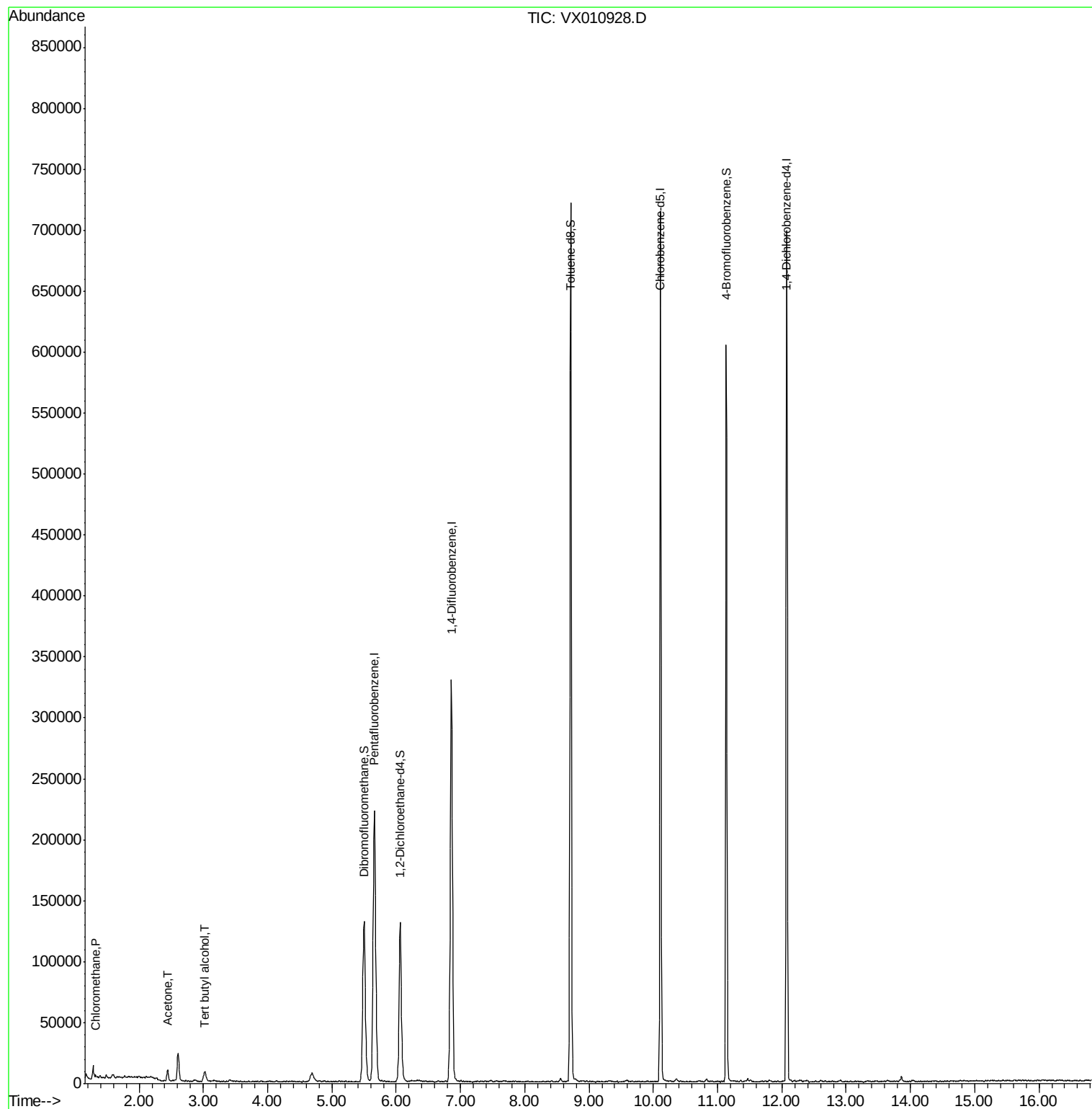
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	330764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118944	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	5.50	113	109889	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	426153	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	147941	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
3) Chloromethane	1.33	50	1477	0.715	ug/l	90
11) Tert butyl alcohol	3.03	59	6622	11.901	ug/l #	84
16) Acetone	2.45	43	9513	8.816	ug/l	91

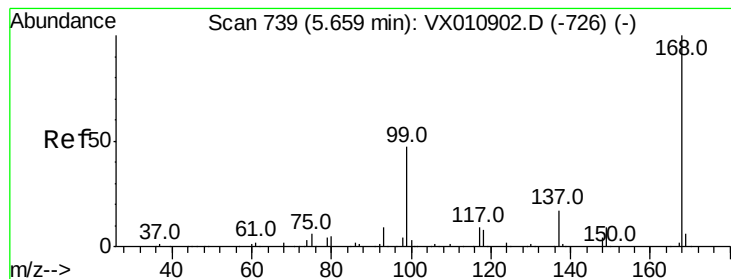
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010928.D

Acq: 17 Jul 2019 12:13

Instrument :

MSVOA_X

ClientSampled :

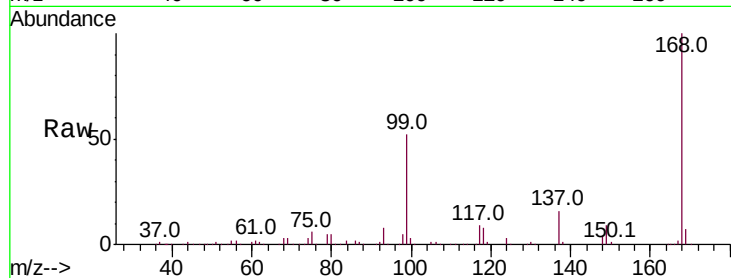
TW-9

Tot Ion:168 Resp: 224582

Ion Ratio Lower Upper

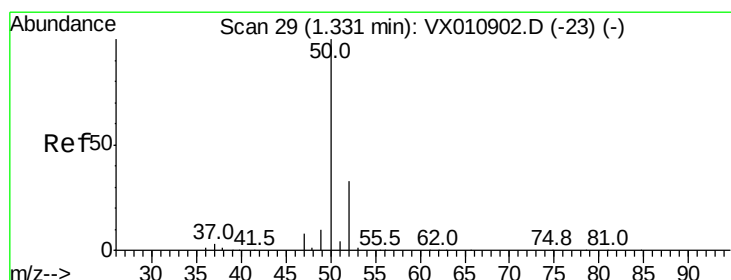
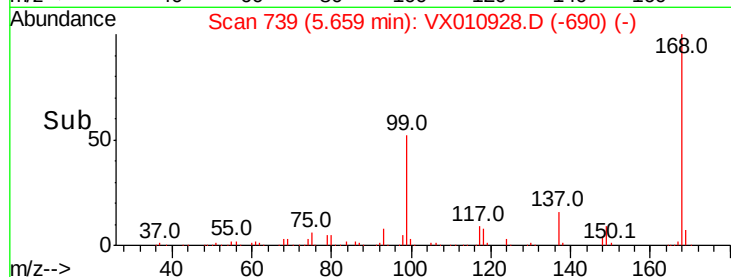
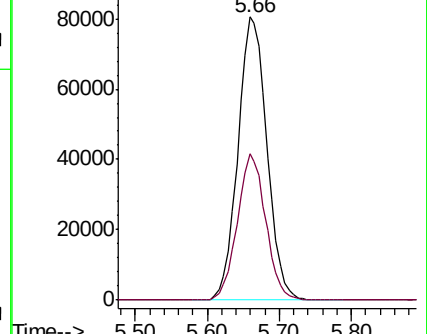
168 100

99 51.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.715 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010928.D

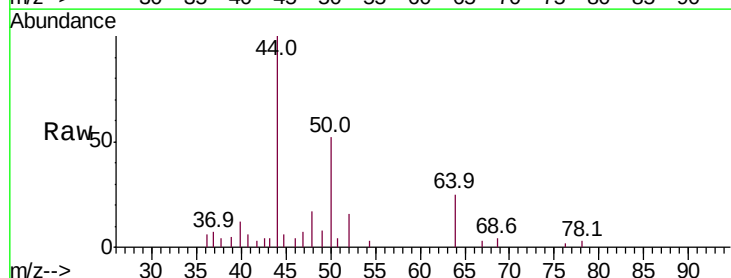
Acq: 17 Jul 2019 12:13

Tgt Ion: 50 Resp: 1477

Ion Ratio Lower Upper

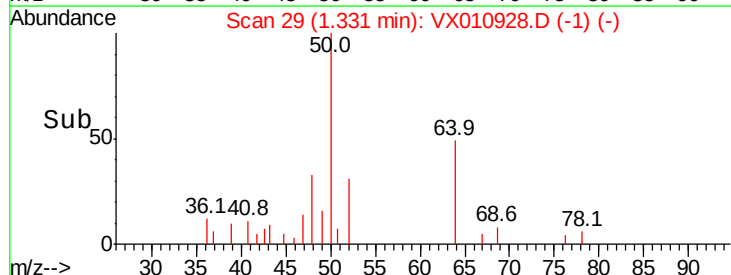
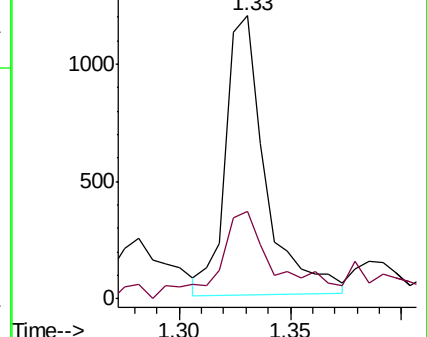
50 100

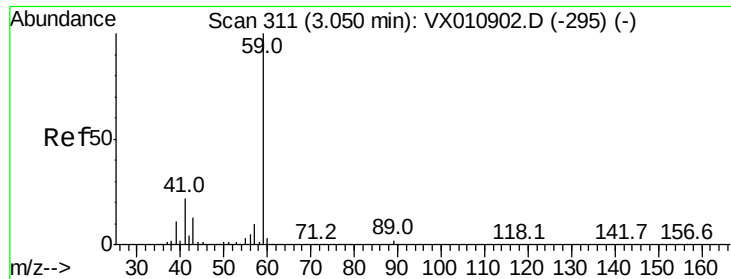
52 27.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

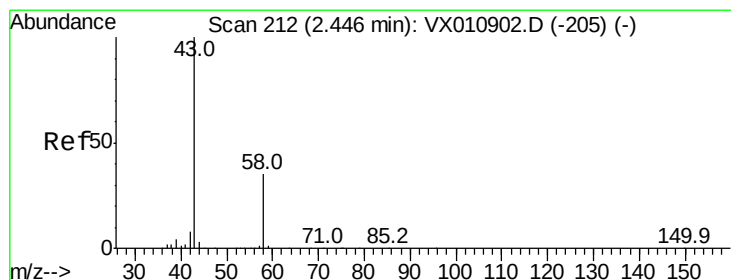
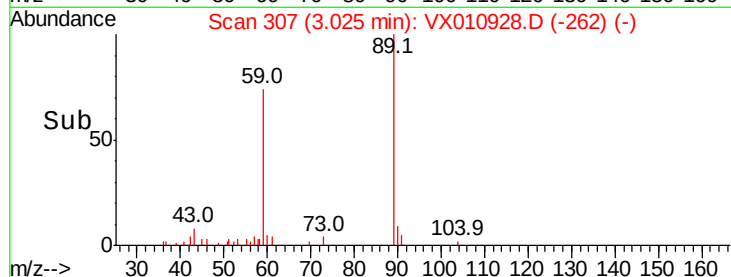
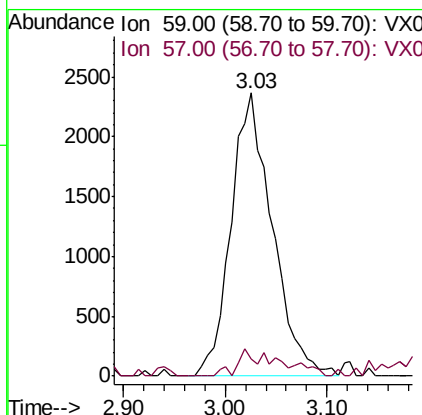
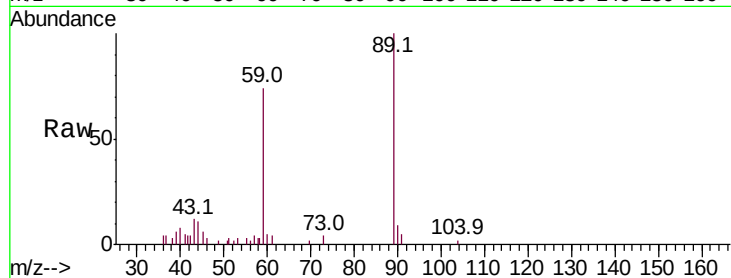




#11
Tert butyl alcohol
Concen: 11.901 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX010928.D
Acq: 17 Jul 2019 12:13

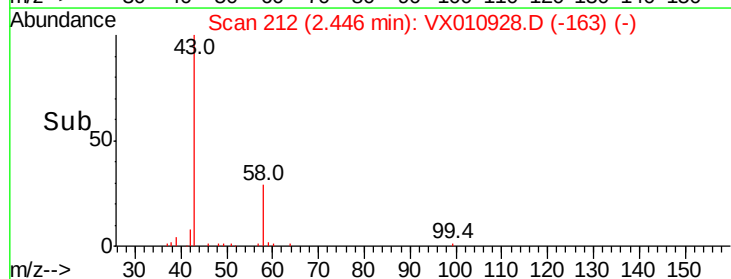
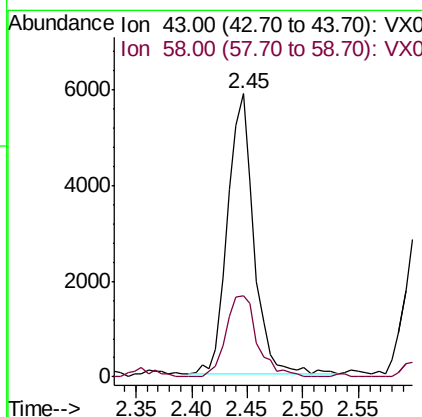
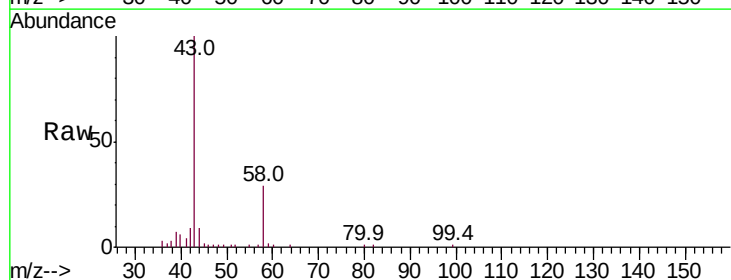
Instrument :
MSVOA_X
ClientSampled :
TW-9

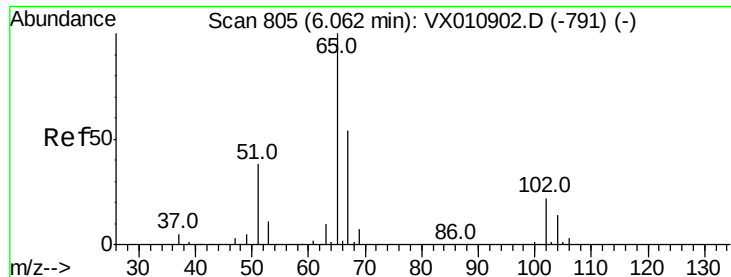
Tot Ion: 59 Resp: 6622
Ion Ratio Lower Upper
59 100
57 4.0 7.9 11.9#



#16
Acetone
Concen: 8.816 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010928.D
Acq: 17 Jul 2019 12:13

Tgt Ion: 43 Resp: 9513
Ion Ratio Lower Upper
43 100
58 29.2 27.7 41.5

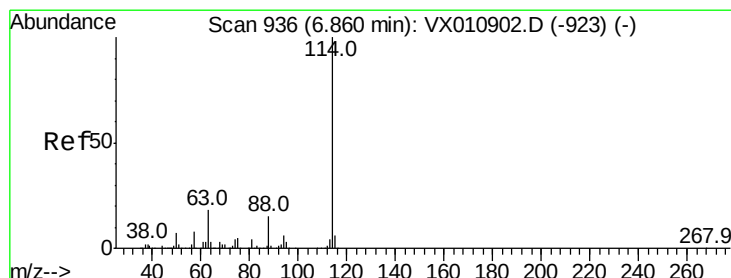
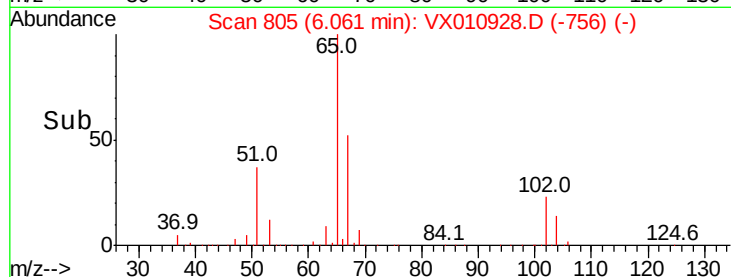
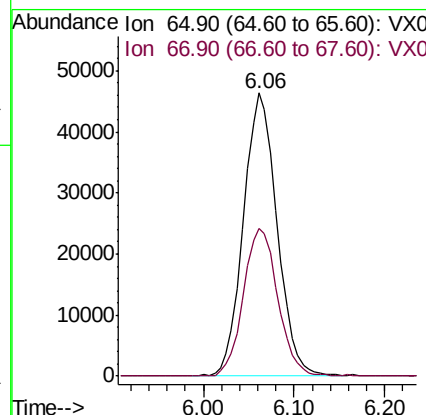
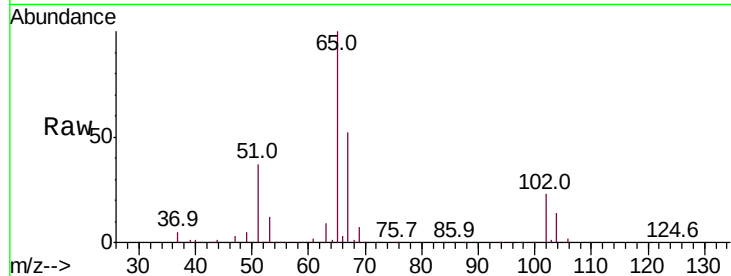




#33
 1,2-Dichloroethane-d4
 Concen: 49.784 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010928.D
 Acq: 17 Jul 2019 12:13

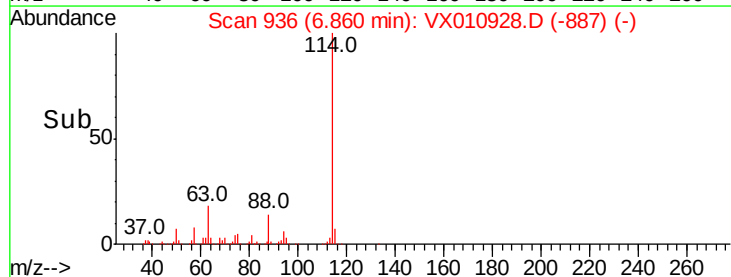
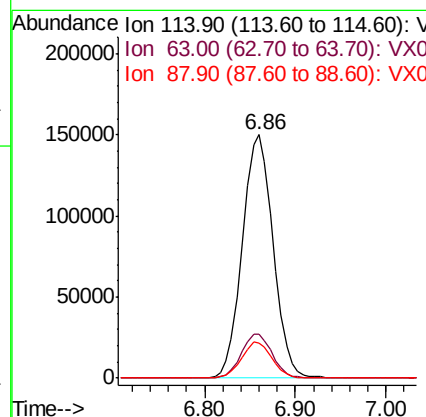
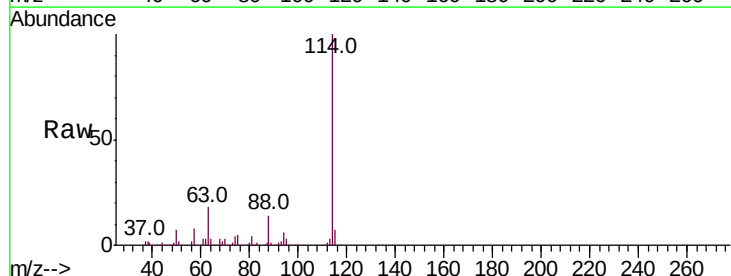
Instrument :
 MSVOA_X
 ClientSampled :
 TW-9

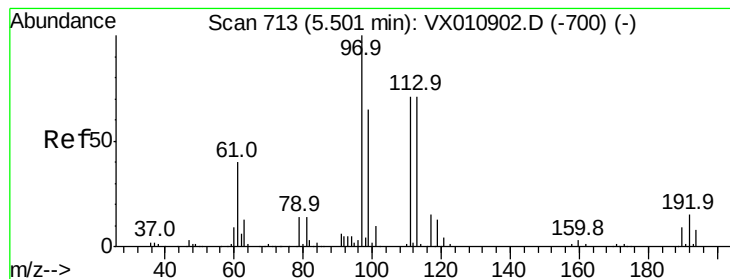
Tot Ion: 65 Resp: 118944
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010928.D
 Acq: 17 Jul 2019 12:13

Tgt Ion: 114 Resp: 352704
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.086 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010928.D

Acq: 17 Jul 2019 12:13

Instrument :

MSVOA_X

ClientSampled :

TW-9

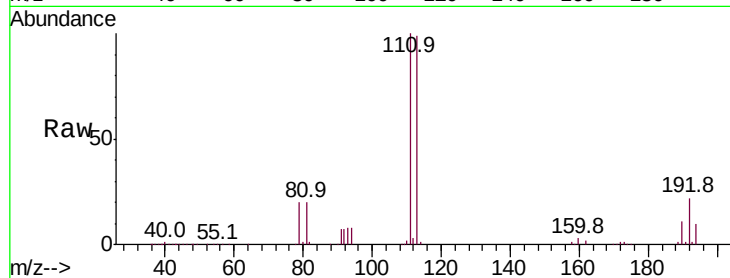
Tot Ion:113 Resp: 109889

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

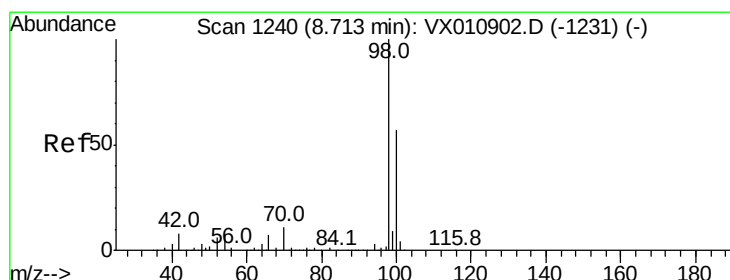
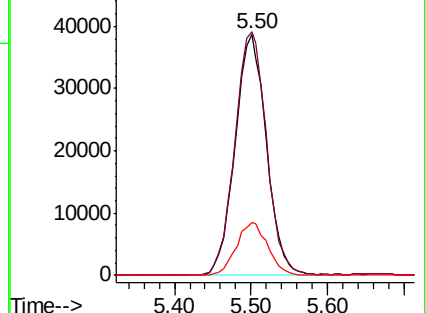
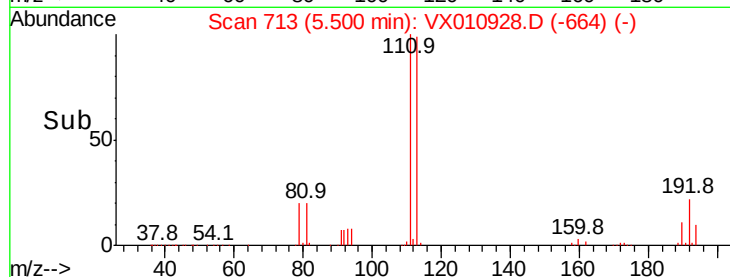
192 22.0 17.4 26.2



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



#50

Toluene-d8

Concen: 50.754 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010928.D

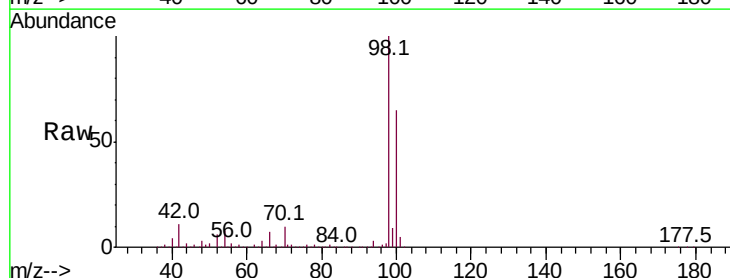
Acq: 17 Jul 2019 12:13

Tgt Ion: 98 Resp: 426153

Ion Ratio Lower Upper

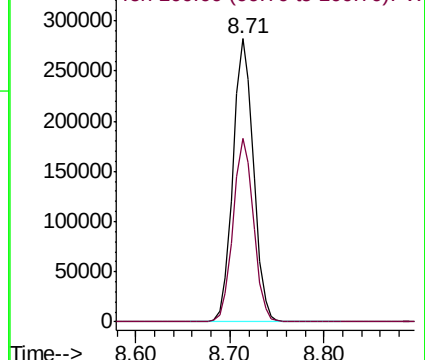
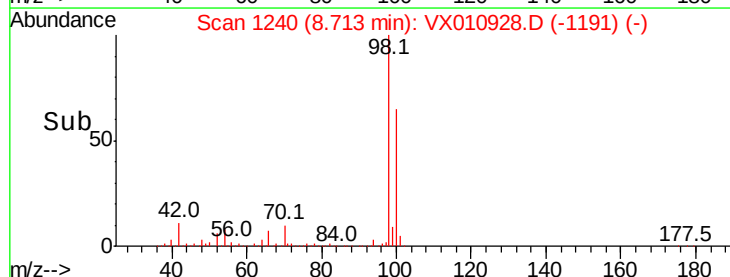
98 100

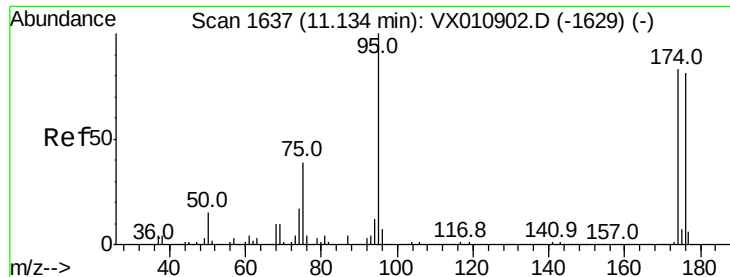
100 64.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.935 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010928.D

Acq: 17 Jul 2019 12:13

Instrument :

MSVOA_X

ClientSampleId :

TW-9

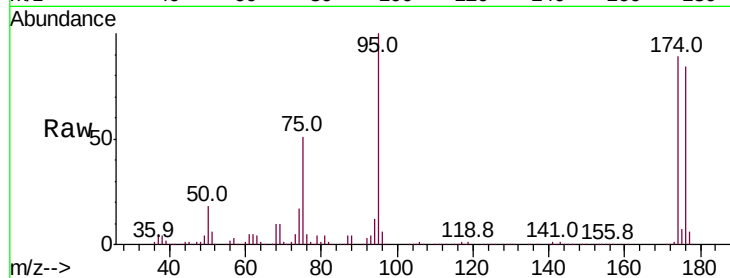
Tot Ion: 95 Resp: 147941

Ion Ratio Lower Upper

95 100

174 92.7 0.0 180.6

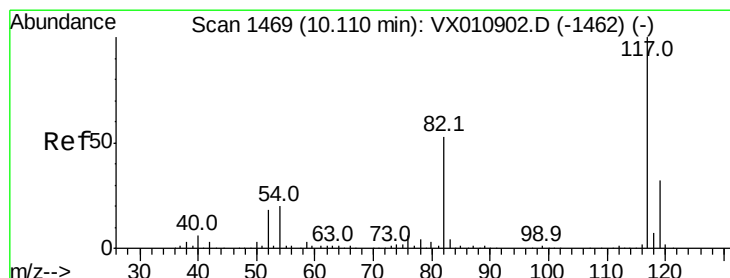
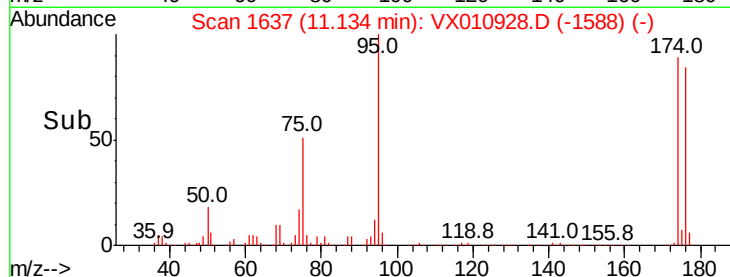
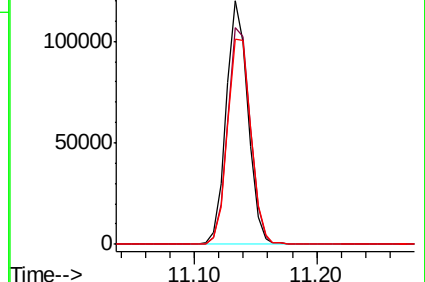
176 90.3 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX010902.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX010902.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX010902.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010928.D

Acq: 17 Jul 2019 12:13

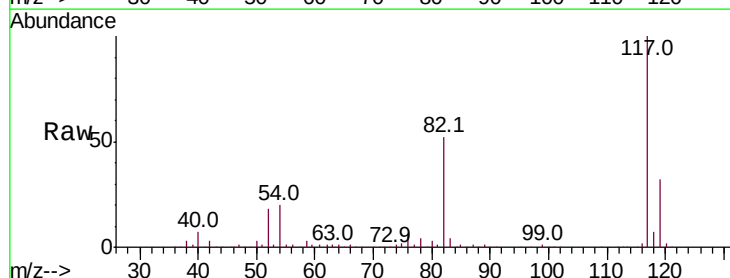
Tgt Ion: 117 Resp: 330764

Ion Ratio Lower Upper

117 100

82 52.2 42.6 63.8

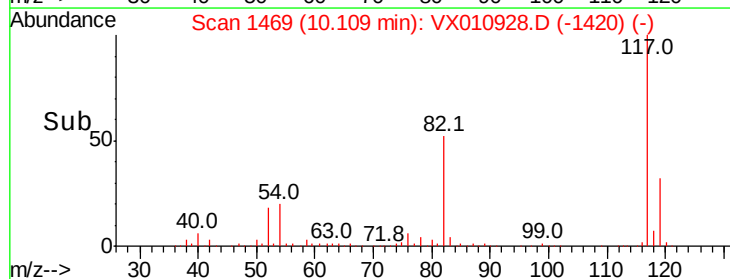
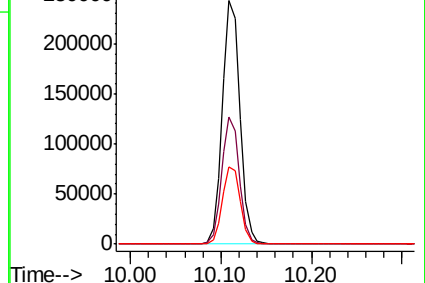
119 32.0 25.9 38.9

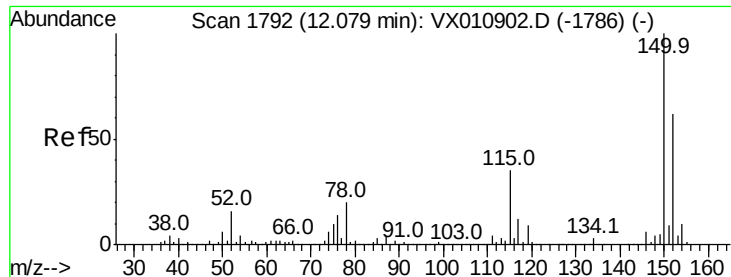


Abundance Ion 116.90 (116.60 to 117.60): VX010902.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010902.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010902.D (-1462) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010928.D
 Acq: 17 Jul 2019 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-9

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.7	119.1
150	155.6	0.0	345.6

