

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\
 Data File : VX009963.D
 Acq On : 30 May 2019 16:15
 Operator : JC/SP
 Sample : K3106-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIANGLE

Quant Time: May 31 07:03:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

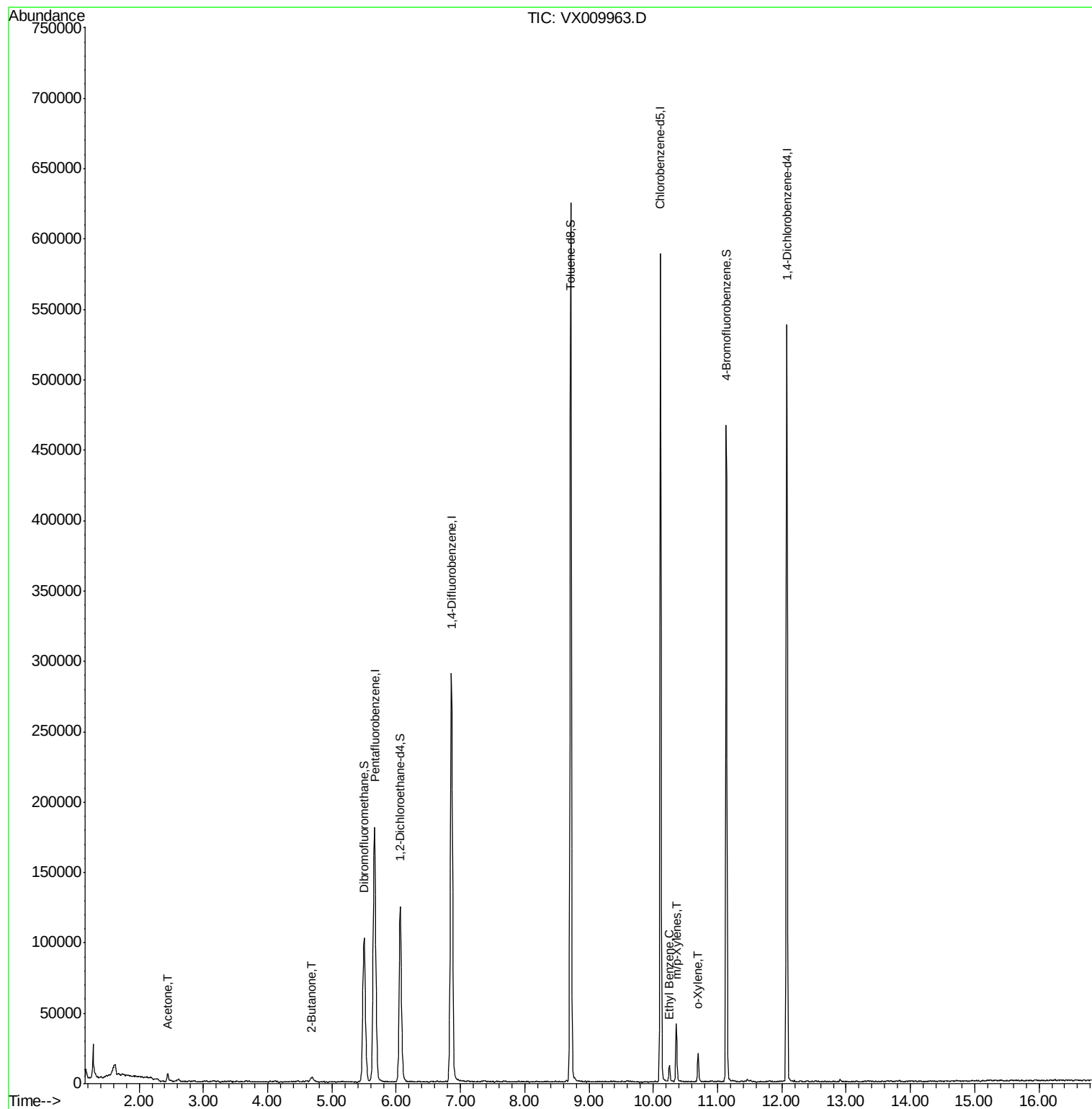
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118208	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
35) Dibromofluoromethane	5.50	113	87865	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	8.71	98	357207	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	120361	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
16) Acetone	2.45	43	5660	4.010	ug/l	89
25) 2-Butanone	4.68	43	6653	3.025	ug/l	98
67) Ethyl Benzene	10.25	91	6650	0.696	ug/l	92
68) m/p-Xylenes	10.36	106	9588	2.716	ug/l	98
69) o-Xylene	10.69	106	4306	1.272	ug/l	94

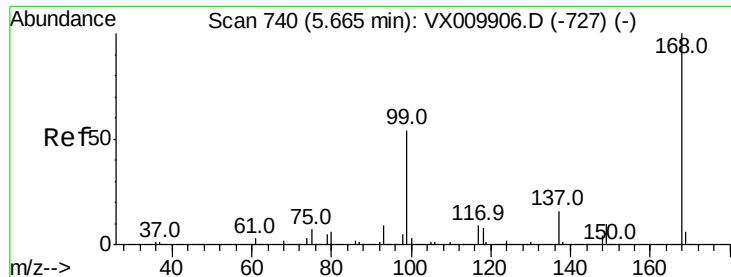
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009963.D

Acq: 30 May 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

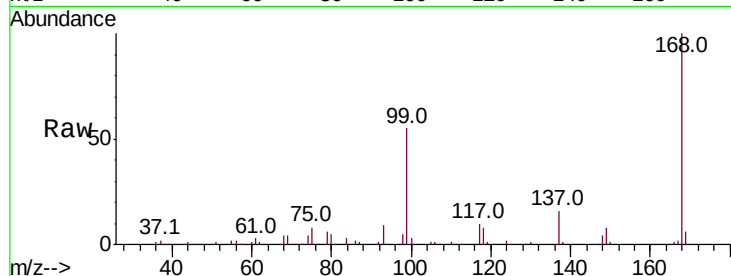
TRIANGLE

Tot Ion:168 Resp: 172949

Ion Ratio Lower Upper

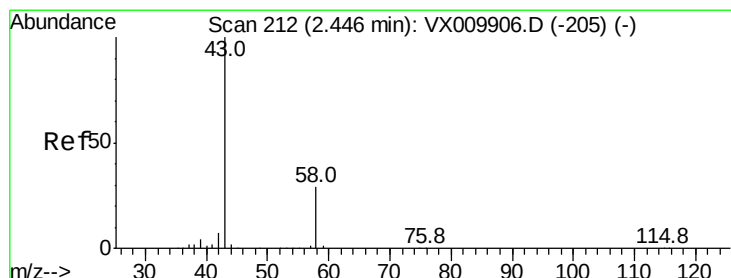
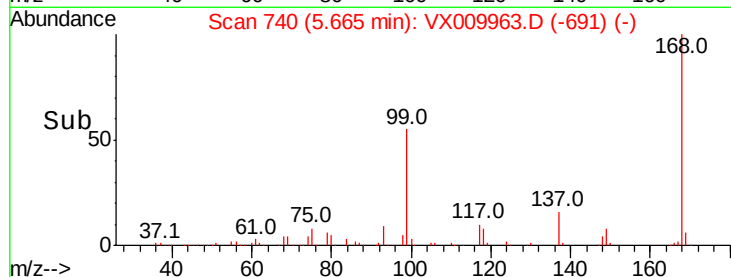
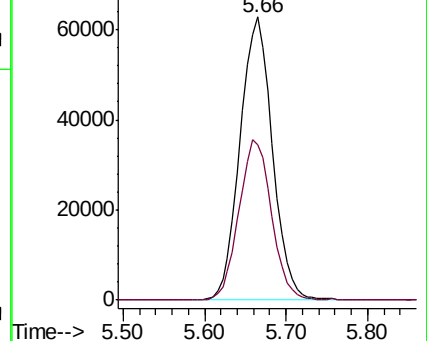
168 100

99 54.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.010 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009963.D

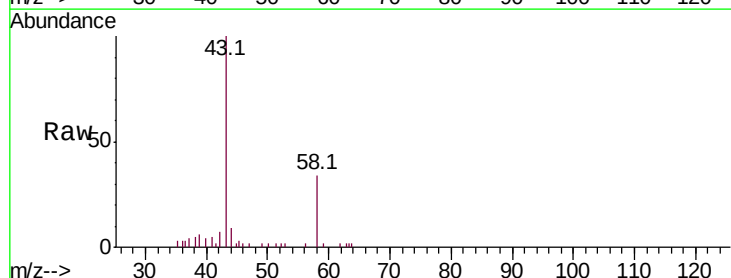
Acq: 30 May 2019 16:15

Tgt Ion: 43 Resp: 5660

Ion Ratio Lower Upper

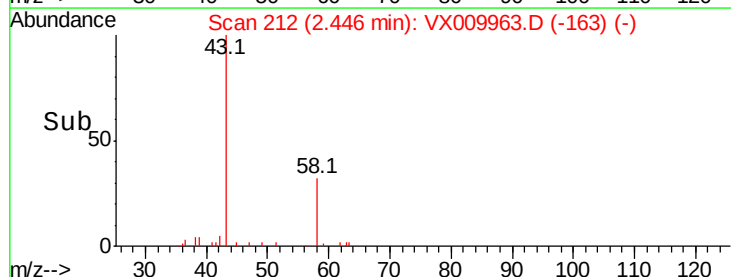
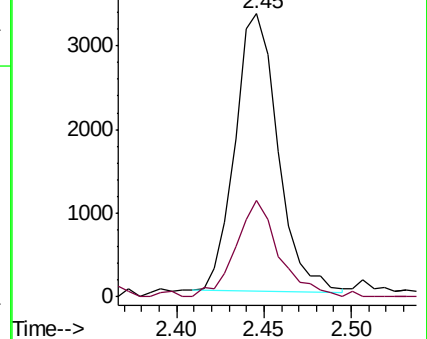
43 100

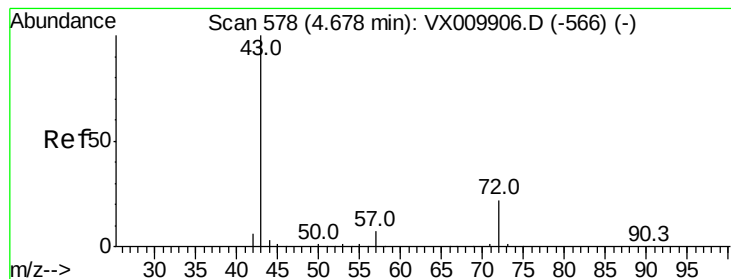
58 34.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 3.025 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009963.D

Acq: 30 May 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

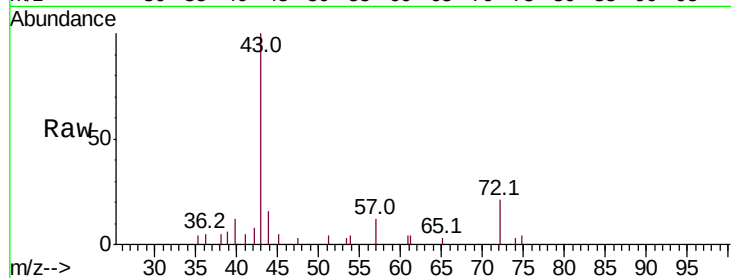
TRIANGLE

Tot Ion: 43 Resp: 6653

Ion Ratio Lower Upper

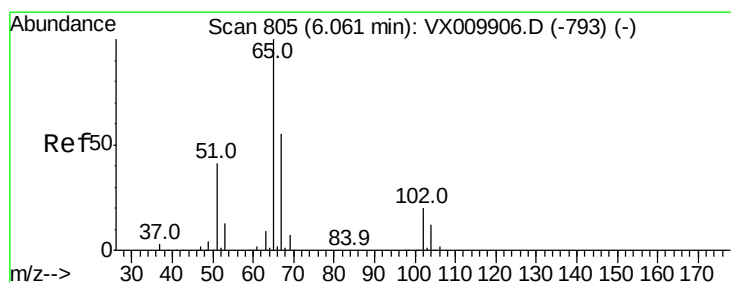
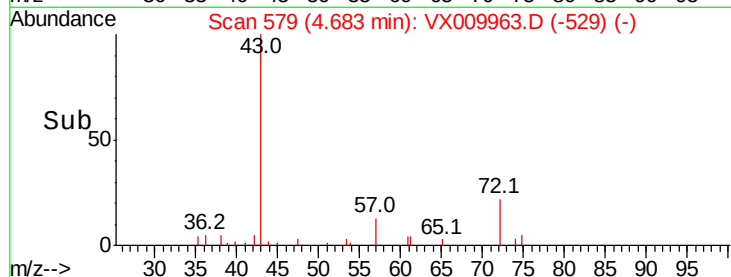
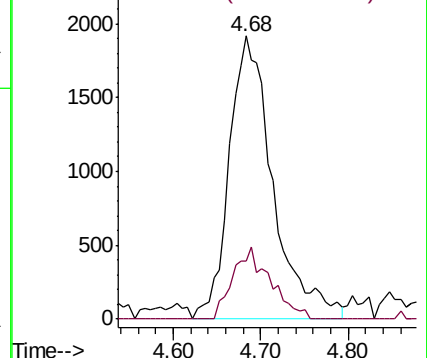
43 100

72 20.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.385 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009963.D

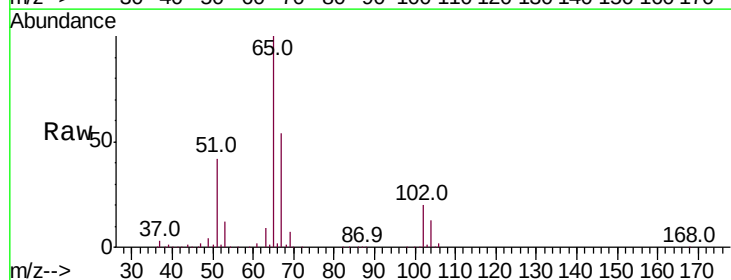
Acq: 30 May 2019 16:15

Tgt Ion: 65 Resp: 118208

Ion Ratio Lower Upper

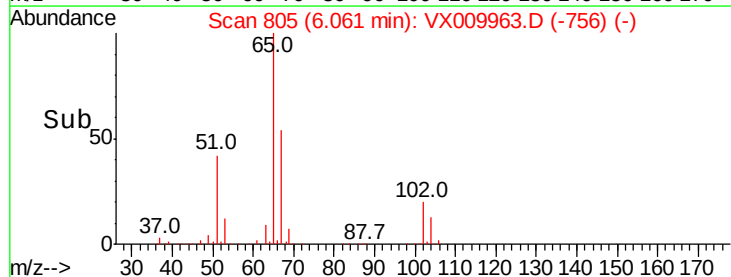
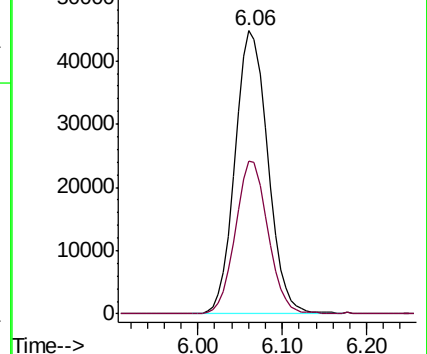
65 100

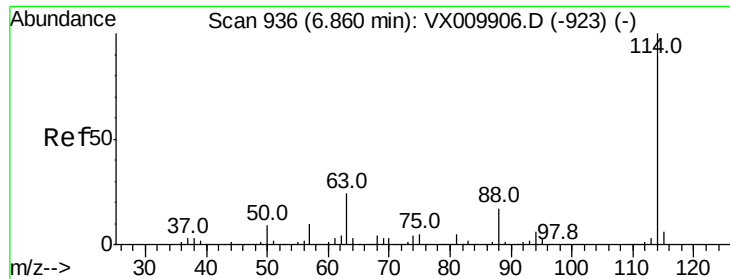
67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

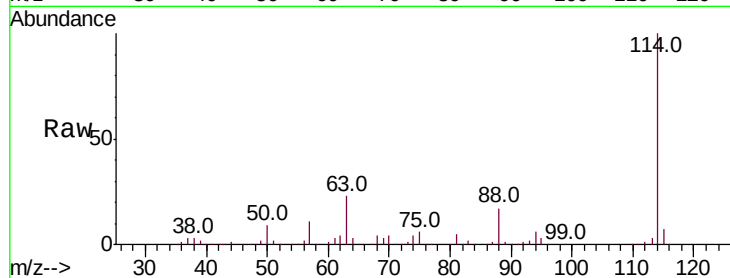




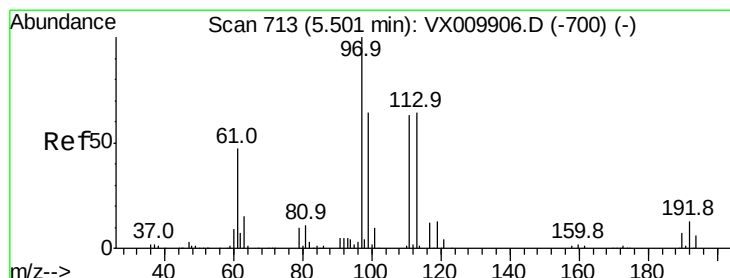
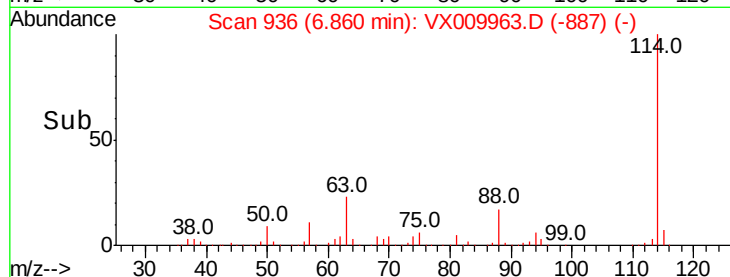
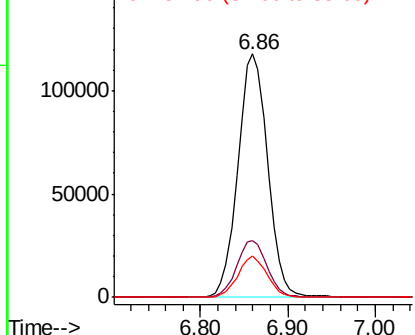
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009963.D
 Acq: 30 May 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIANGLE

Tot Ion:114 Resp: 278996
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.4
 88 17.1 0.0 33.0

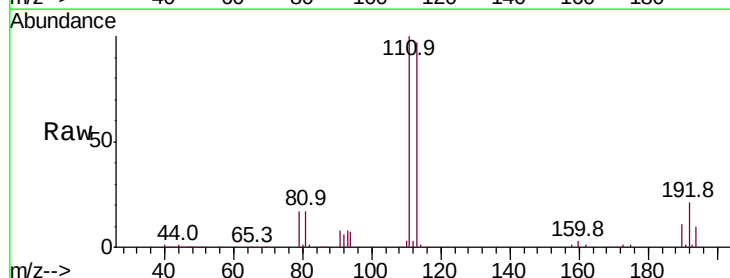


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

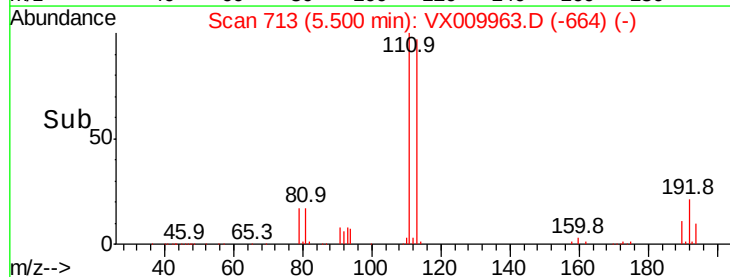
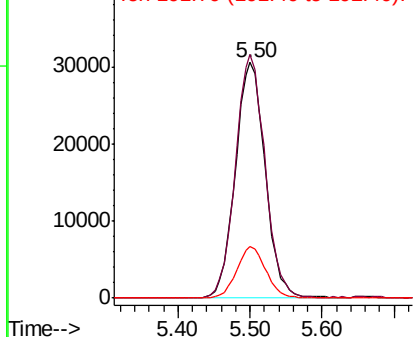


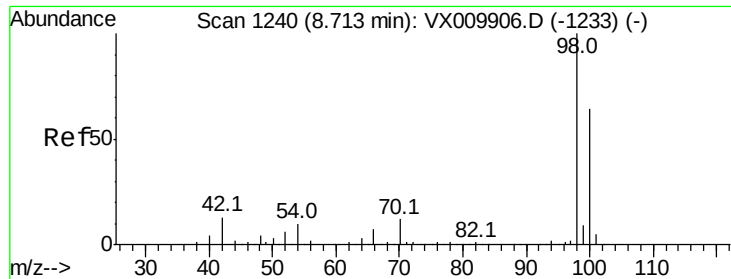
#35
 Dibromofluoromethane
 Concen: 50.092 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009963.D
 Acq: 30 May 2019 16:15

Tgt Ion:113 Resp: 87865
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 21.3 17.1 25.7



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

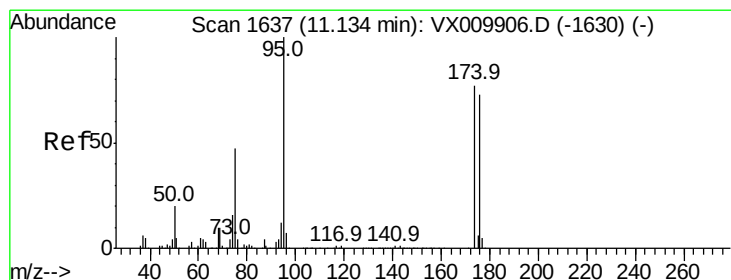
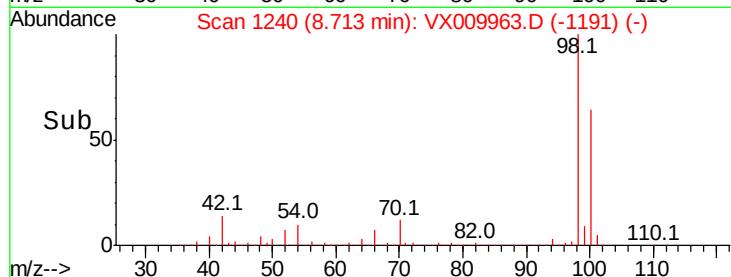
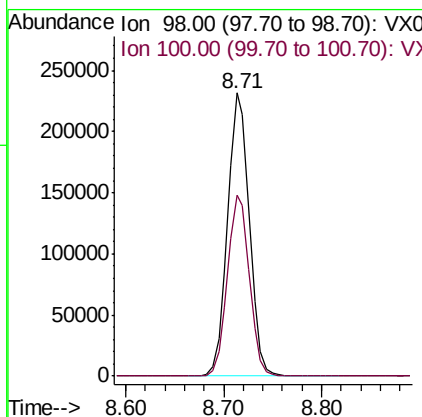
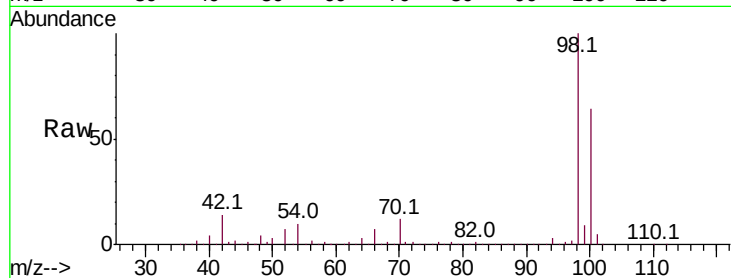




#50
Toluene-d8
Concen: 50.150 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009963.D
Acq: 30 May 2019 16:15

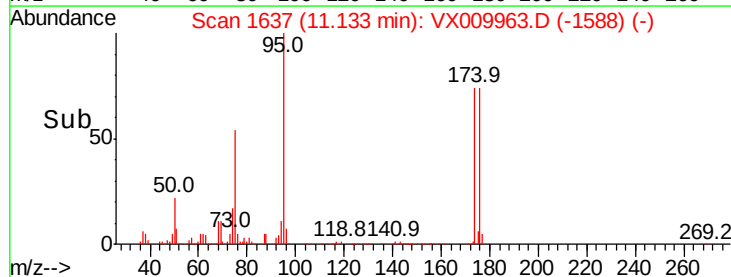
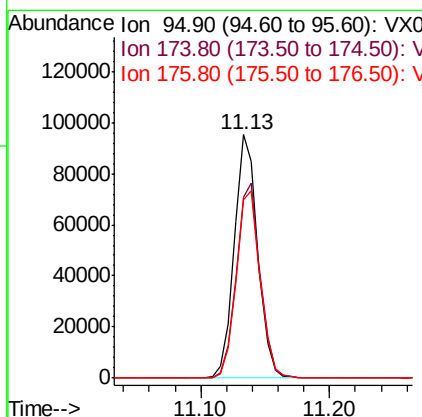
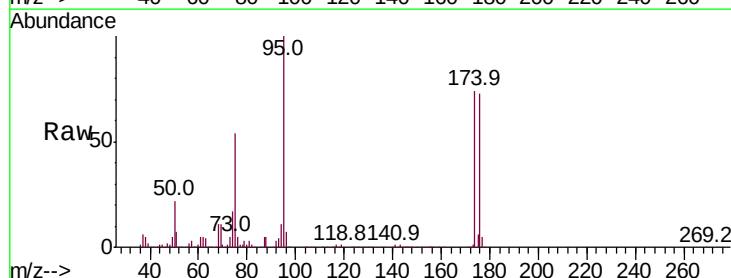
Instrument :
MSVOA_X
ClientSampleId :
TRIANGLE

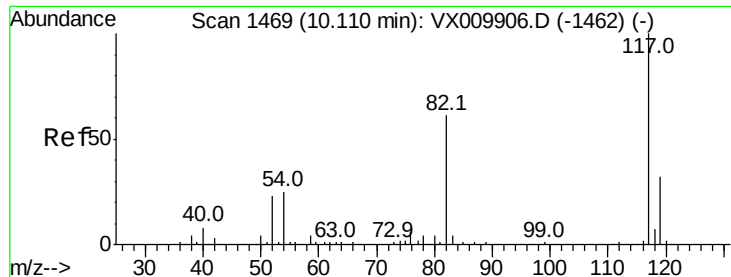
Tot Ion: 98 Resp: 357207
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.046 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009963.D
Acq: 30 May 2019 16:15

Tgt Ion: 95 Resp: 120361
Ion Ratio Lower Upper
95 100
174 81.1 0.0 160.4
176 78.7 0.0 154.6

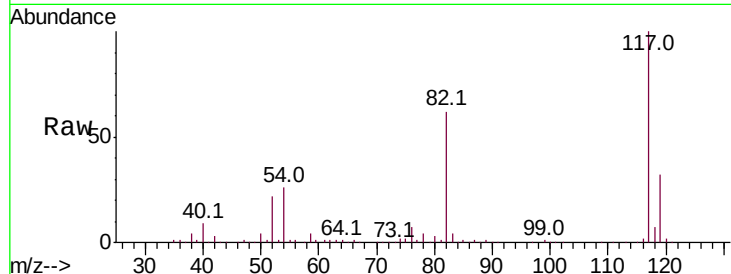




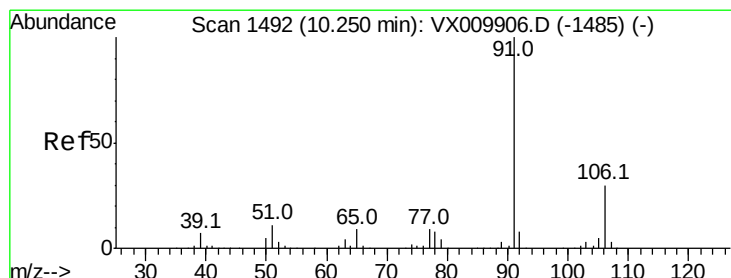
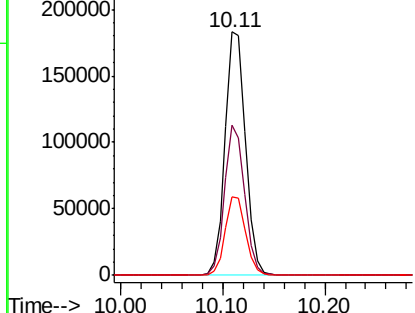
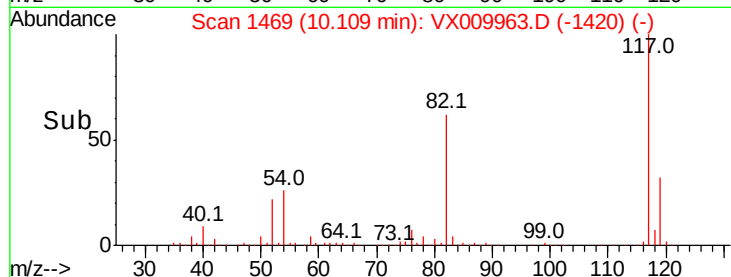
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009963.D
Acq: 30 May 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
TRIANGLE

Tot Ion:117 Resp: 254199
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.0 25.2 37.8

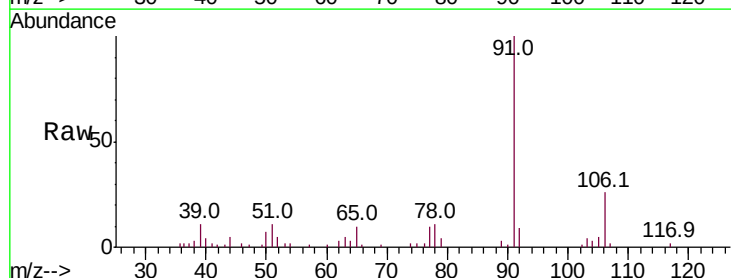


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

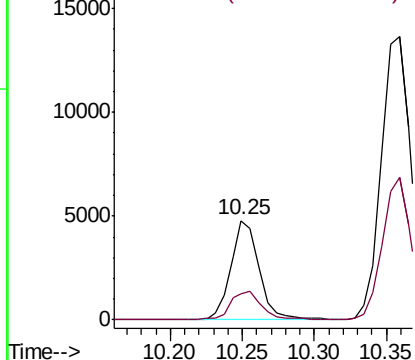
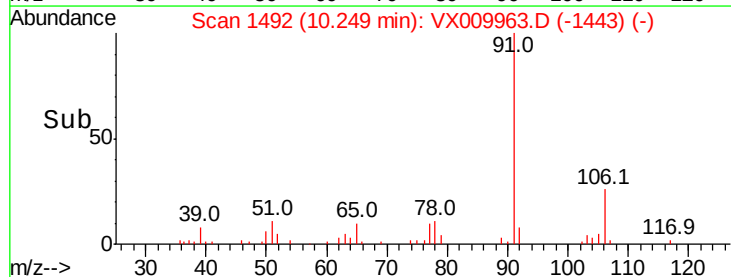


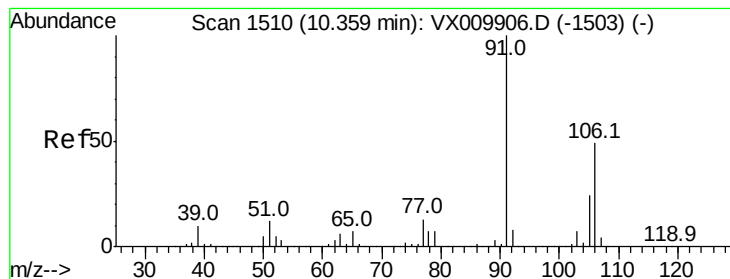
#67
Ethyl Benzene
Concen: 0.696 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009963.D
Acq: 30 May 2019 16:15

Tgt Ion: 91 Resp: 6650
Ion Ratio Lower Upper
91 100
106 25.7 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 2.716 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009963.D

Acq: 30 May 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

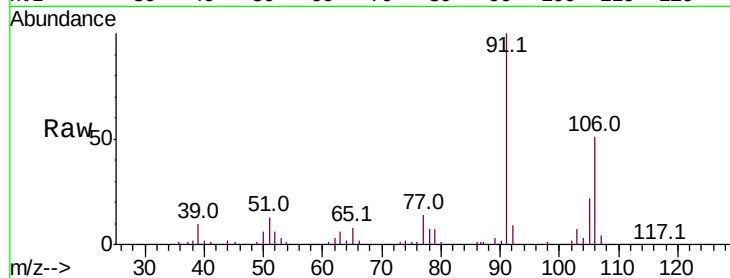
TRIANGLE

Tot Ion:106 Resp: 9588

Ion Ratio Lower Upper

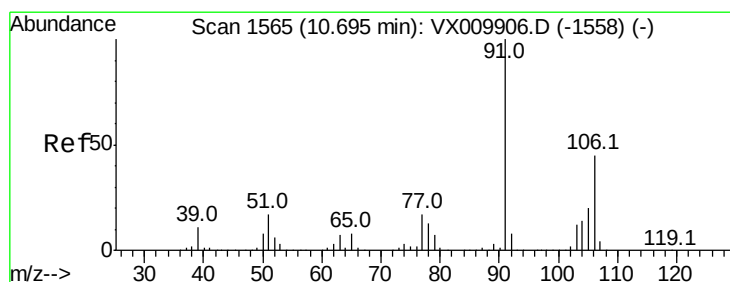
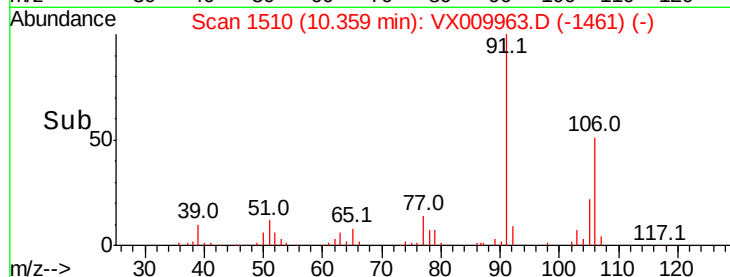
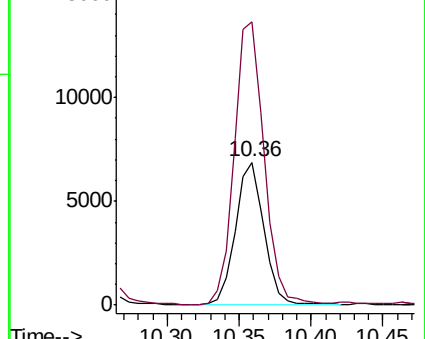
106 100

91 206.7 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.272 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX009963.D

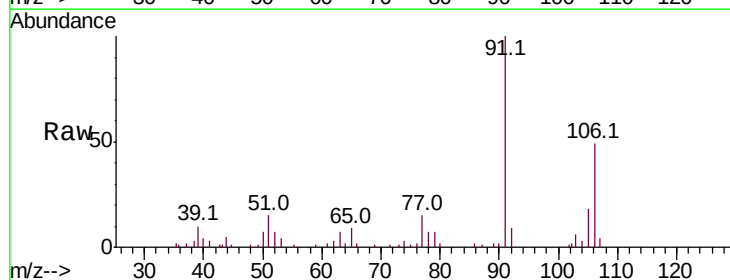
Acq: 30 May 2019 16:15

Tgt Ion:106 Resp: 4306

Ion Ratio Lower Upper

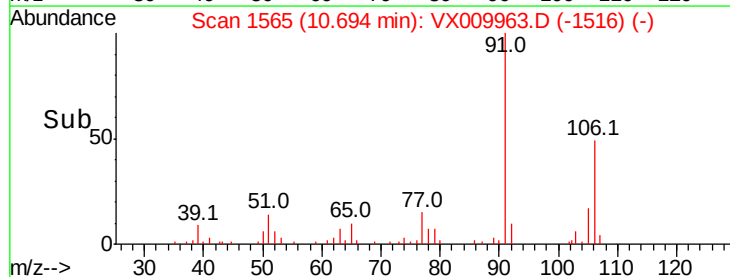
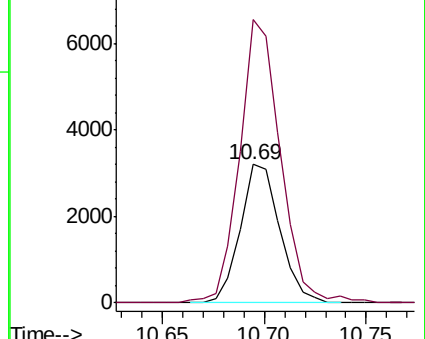
106 100

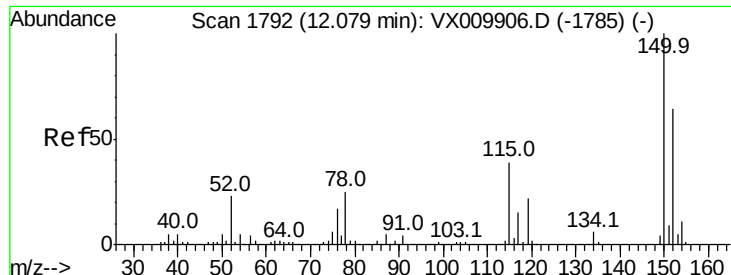
91 211.0 110.4 331.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

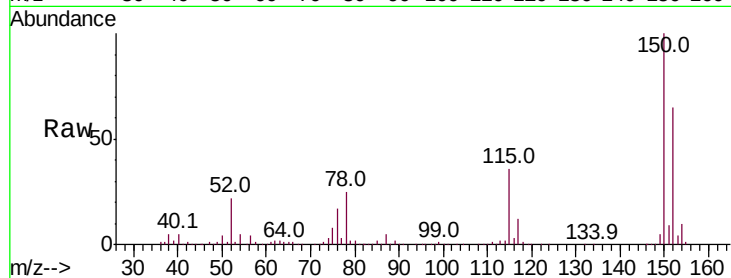




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009963.D
 Acq: 30 May 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIANGLE

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.4	124.2
150	157.2	0.0	345.2



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

