

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005002.D
 Acq On : 04 Oct 2018 06:54
 Operator : JC/MD
 Sample : J5135-19DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337DL

Quant Time: Oct 04 09:32:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

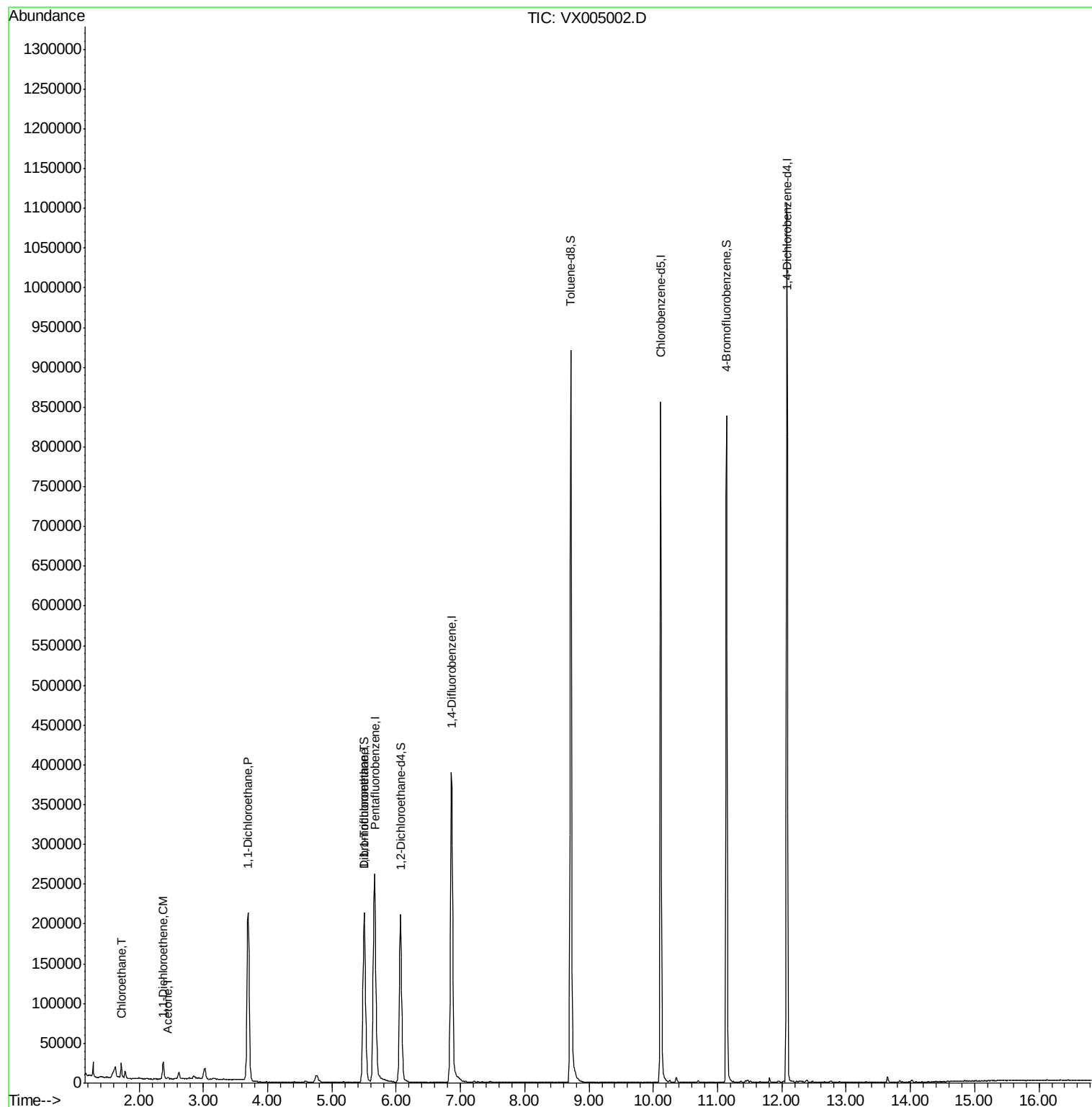
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	418381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200650	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	5.50	113	172819	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	8.71	98	595957	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	218508	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
6) Chloroethane	1.72	64	12162	3.054	ug/l	98
12) 1,1-Dichloroethene	2.38	96	7248	2.437	ug/l	87
16) Acetone	2.45	43	2053	0.897	ug/l	94
24) 1,1-Dichloroethane	3.70	63	256952	39.413	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	6064	1.205	ug/l #	50

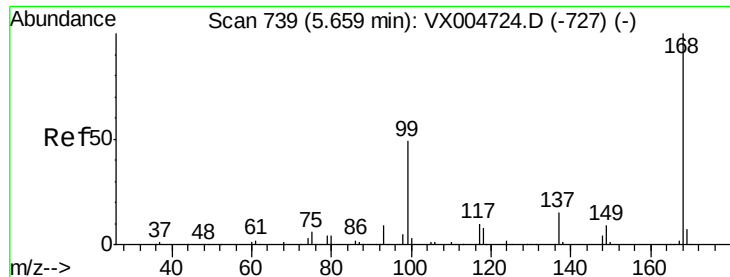
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005002.D

Acq: 04 Oct 2018 06:54

Instrument :

MSVOA_X

ClientSampleId :

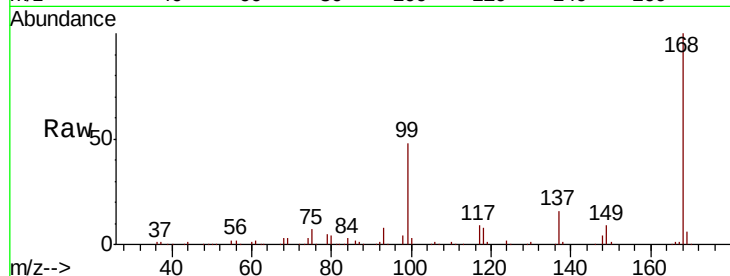
SA-TW508-3337DL

Tot Ion:168 Resp: 274533

Ion Ratio Lower Upper

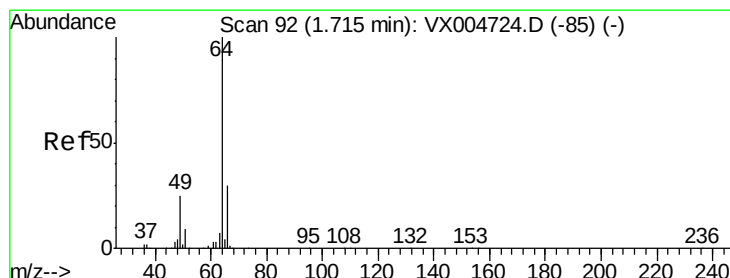
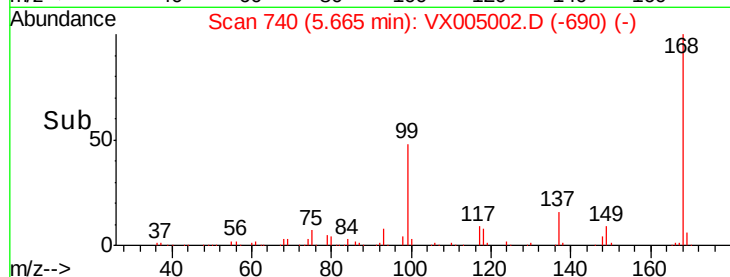
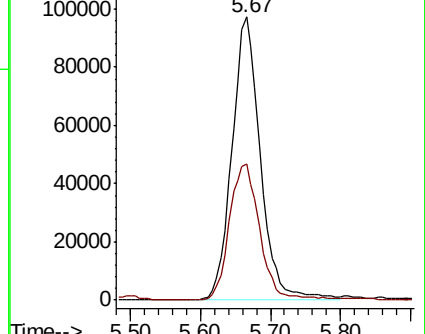
168 100

99 48.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 3.054 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005002.D

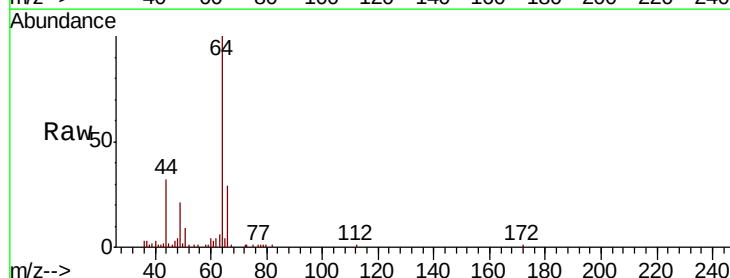
Acq: 04 Oct 2018 06:54

Tgt Ion: 64 Resp: 12162

Ion Ratio Lower Upper

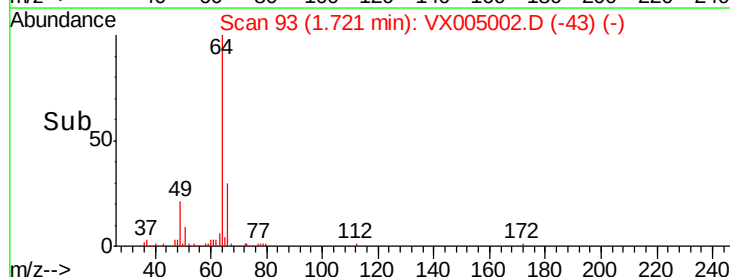
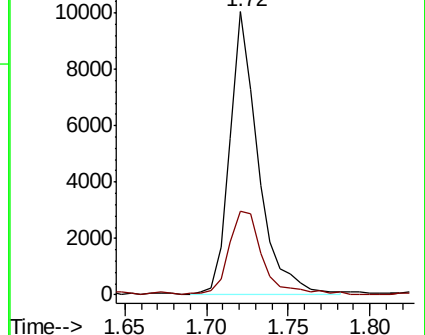
64 100

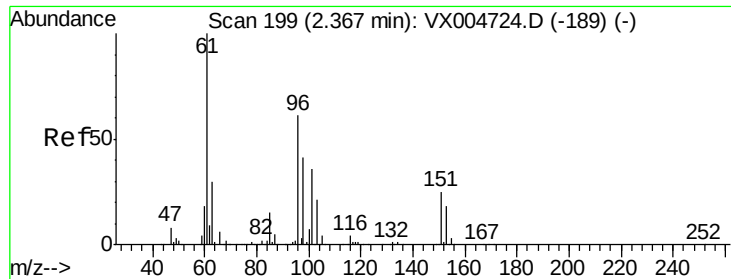
66 28.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

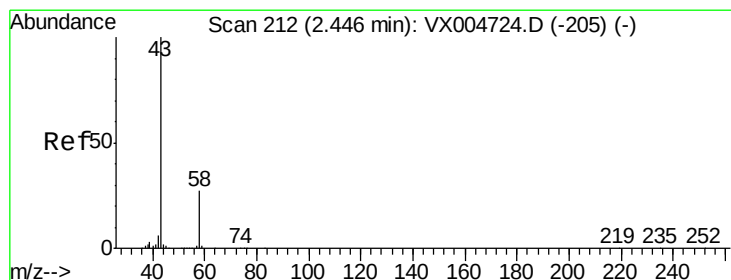
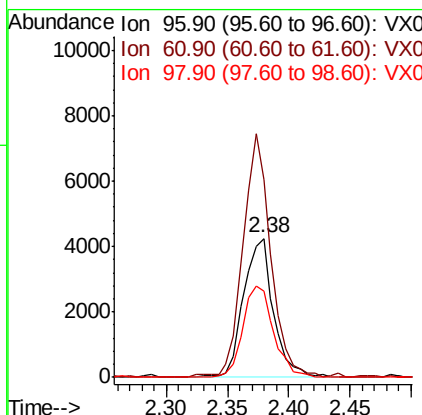
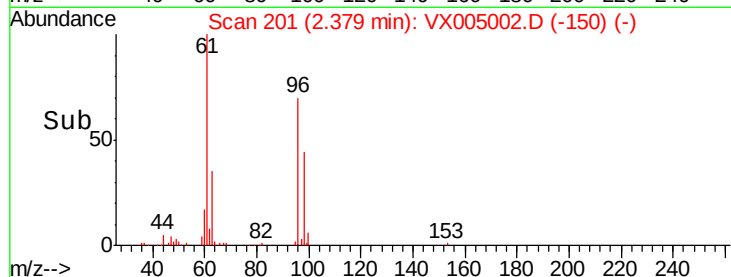
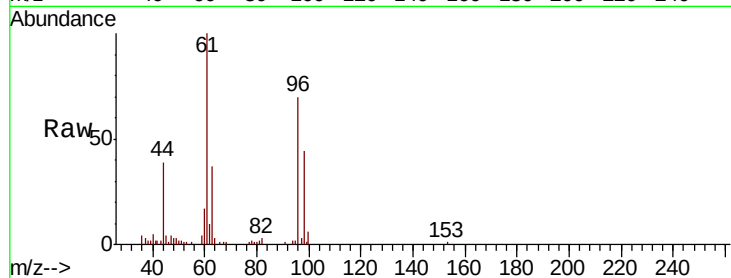




#12
 1,1-Dichloroethene
 Concen: 2.437 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

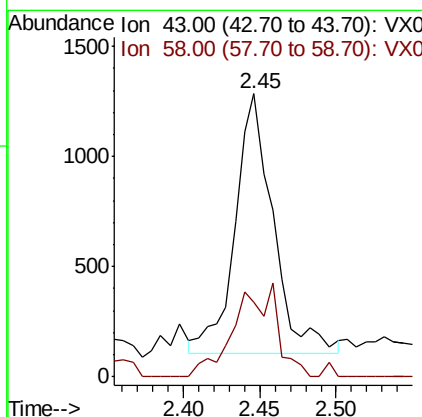
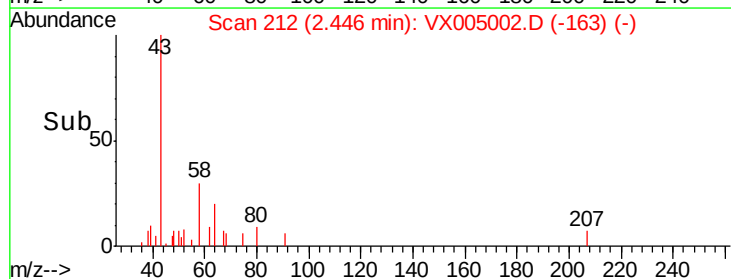
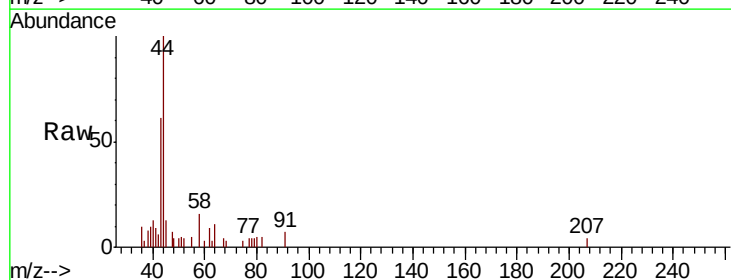
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337DL

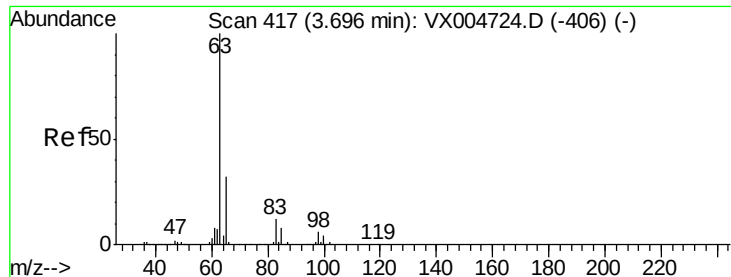
Tot Ion: 96 Resp: 7248
 Ion Ratio Lower Upper
 96 100
 61 142.3 130.2 195.4
 98 62.2 53.4 80.0



#16
 Acetone
 Concen: 0.897 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

Tgt Ion: 43 Resp: 2053
 Ion Ratio Lower Upper
 43 100
 58 30.1 21.8 32.6





#24

1,1-Dichloroethane

Concen: 39.413 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005002.D

Acq: 04 Oct 2018 06:54

Instrument :

MSVOA_X

ClientSampleId :

SA-TW508-3337DL

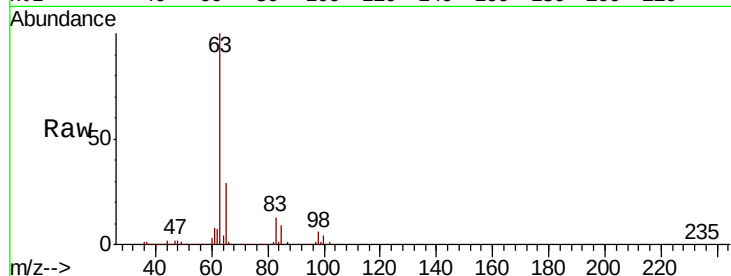
Tot Ion: 63 Resp: 256952

Ion Ratio Lower Upper

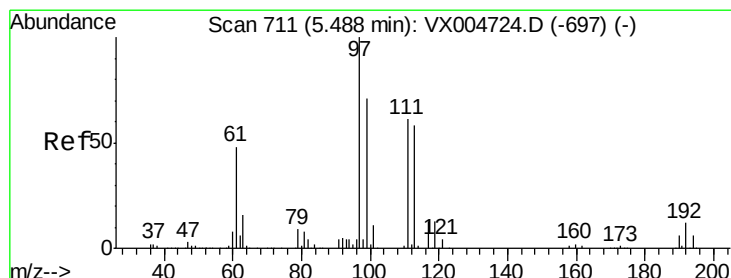
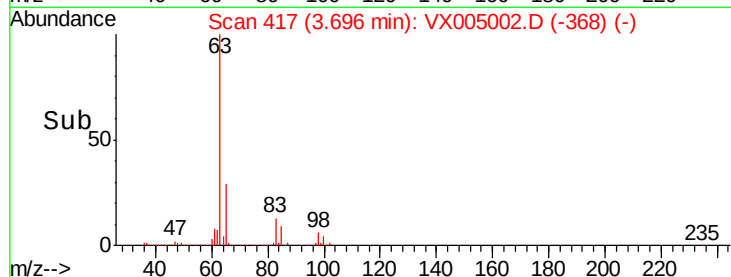
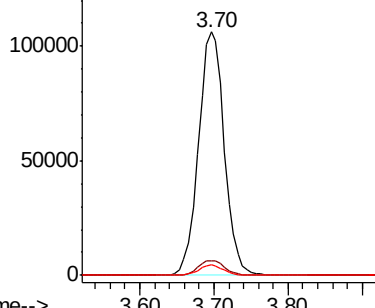
63 100

98 5.9 3.0 9.2

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#32

1,1,1-Trichloroethane

Concen: 1.205 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005002.D

Acq: 04 Oct 2018 06:54

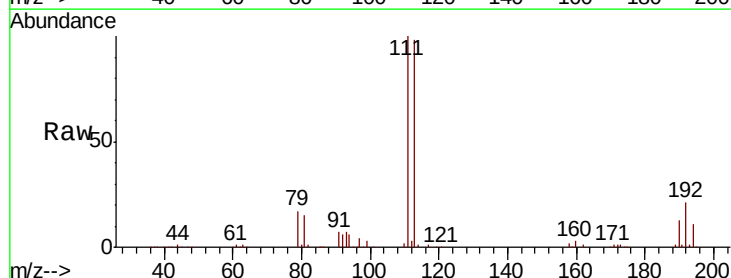
Tgt Ion: 97 Resp: 6064

Ion Ratio Lower Upper

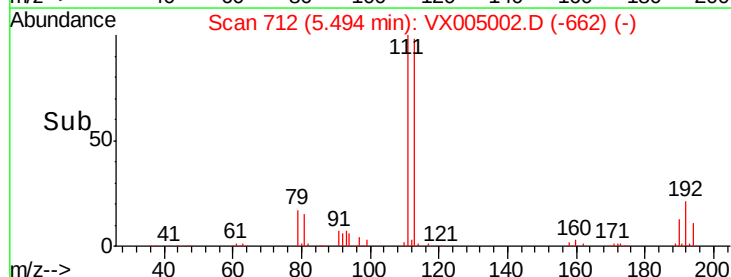
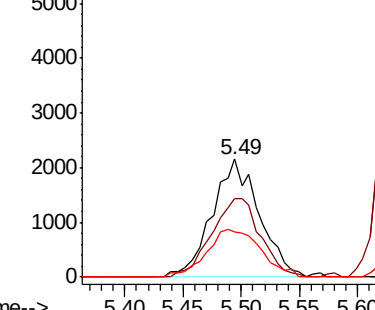
97 100

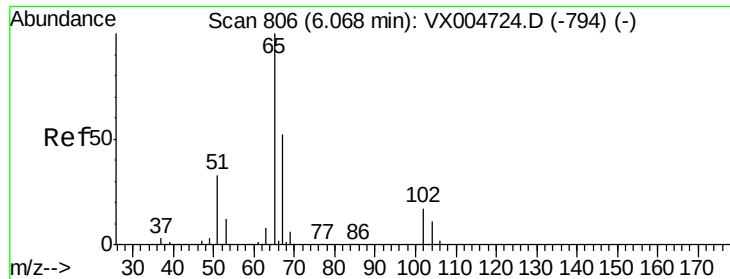
99 0.0 54.6 82.0#

61 46.5 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

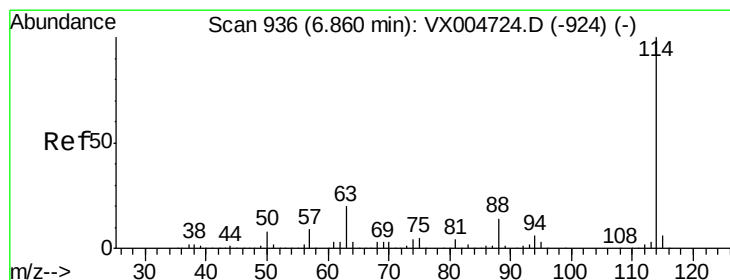
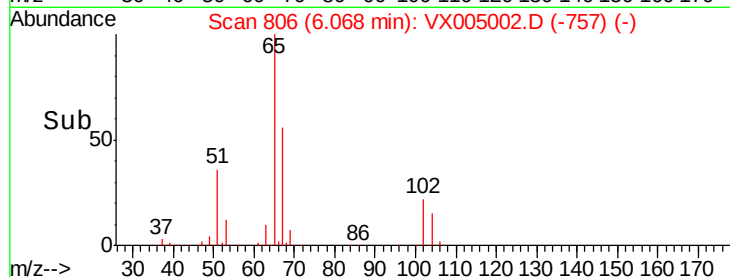
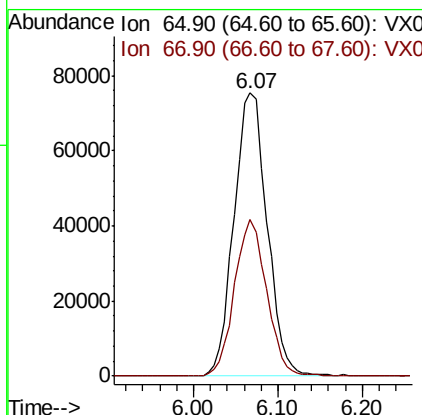
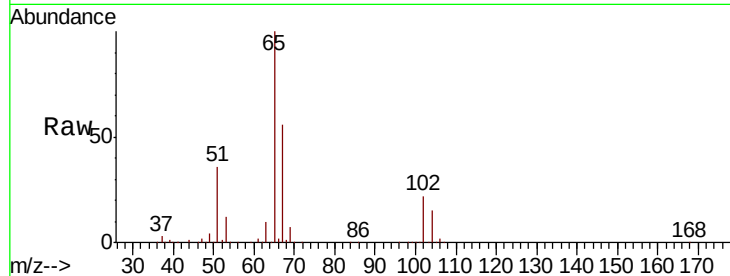




#33
 1,2-Dichloroethane-d4
 Concen: 51.164 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

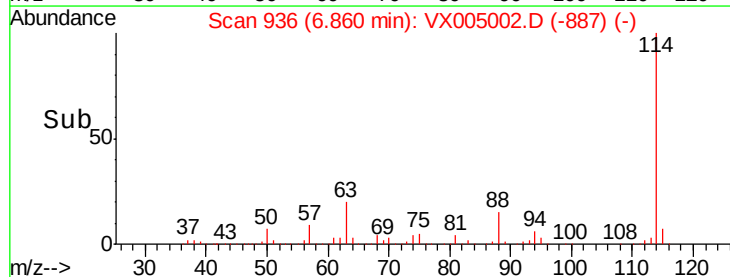
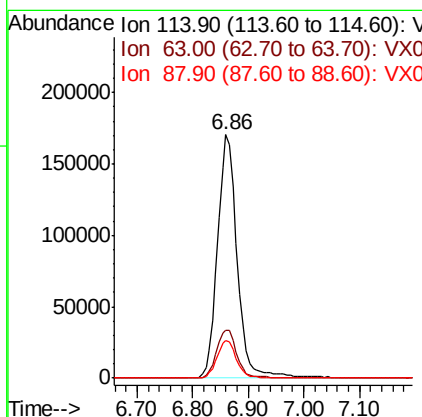
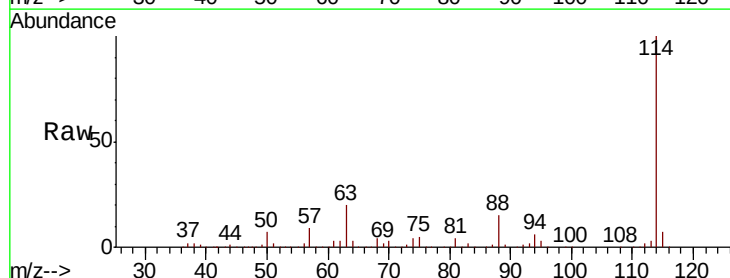
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337DL

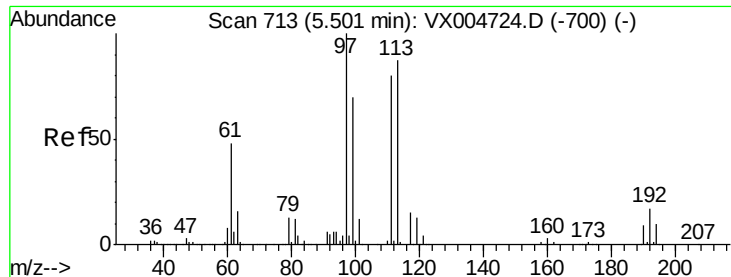
Tot Ion: 65 Resp: 200650
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

Tgt Ion: 114 Resp: 418381
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 27.0

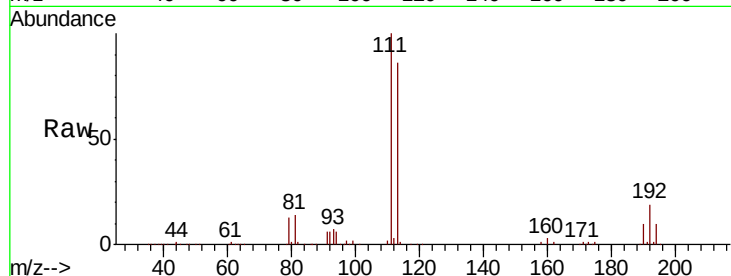




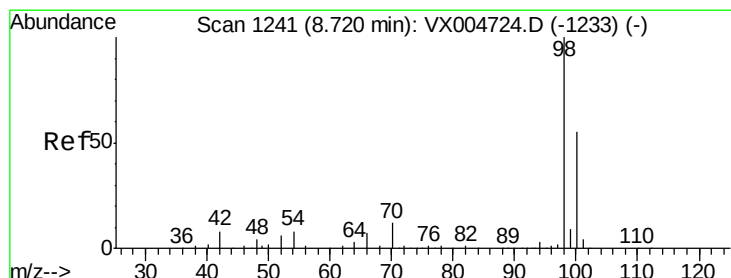
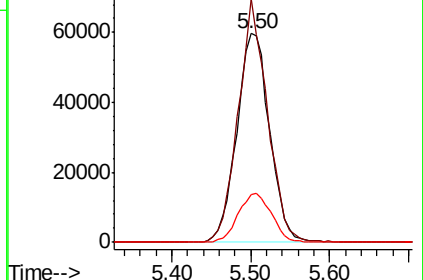
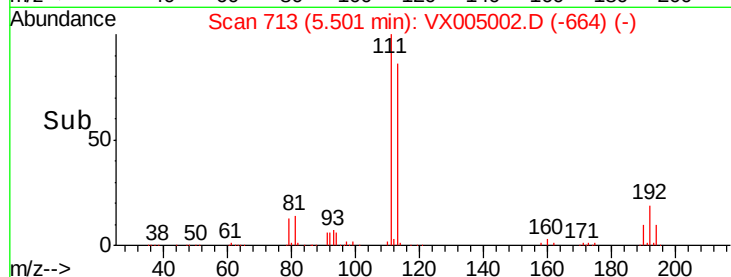
#35
 Dibromofluoromethane
 Concen: 48.739 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337DL

Tot Ion:113 Resp: 172819
 Ion Ratio Lower Upper
 113 100
 111 103.7 77.0 115.4
 192 23.8 17.0 25.6

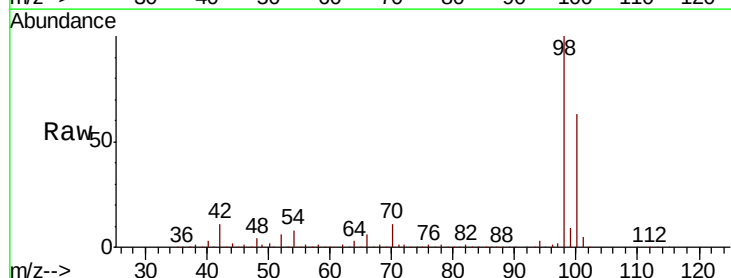


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

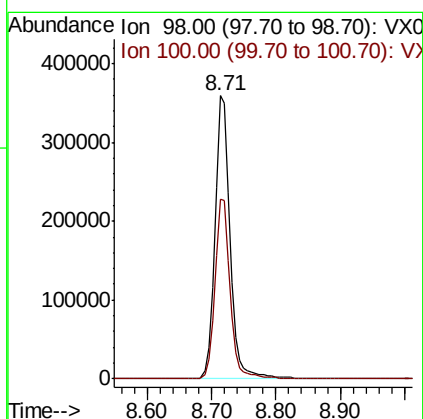
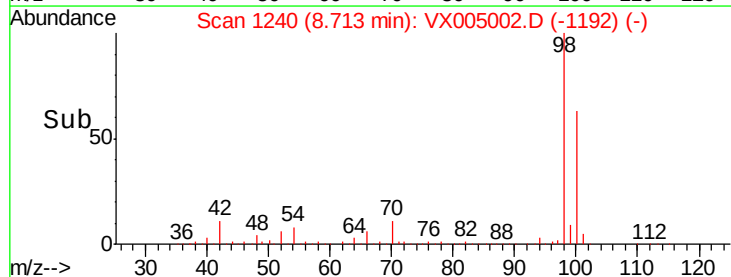


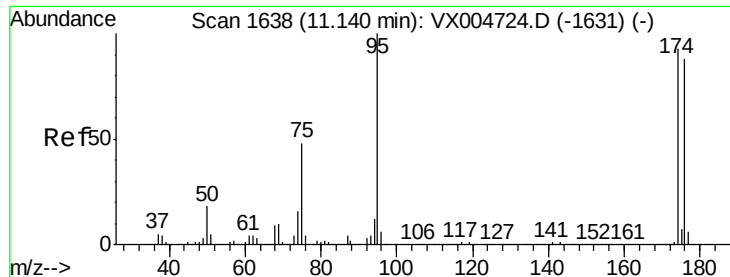
#50
 Toluene-d8
 Concen: 50.556 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

Tgt Ion: 98 Resp: 595957
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

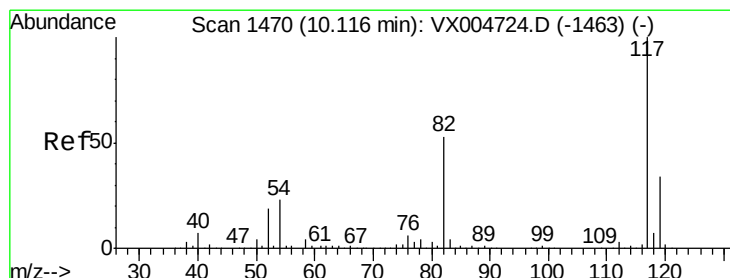
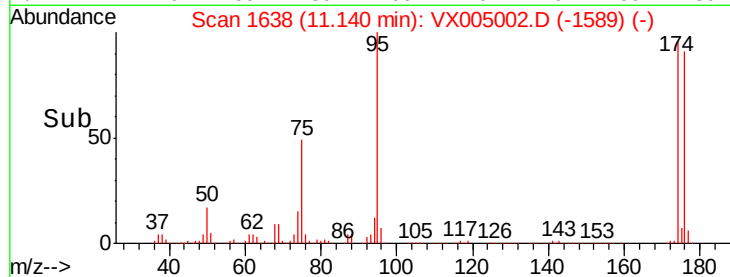
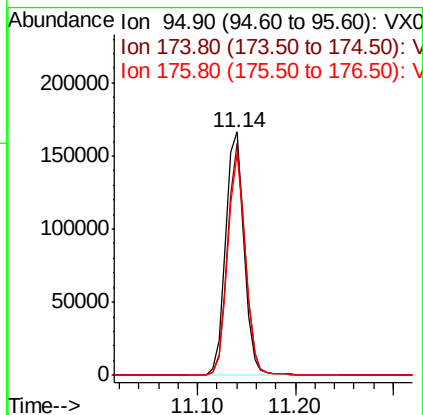
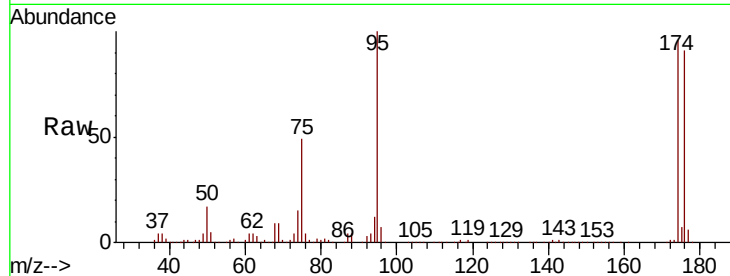




#62
4-Bromofluorobenzene
Concen: 51.453 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005002.D
Acq: 04 Oct 2018 06:54

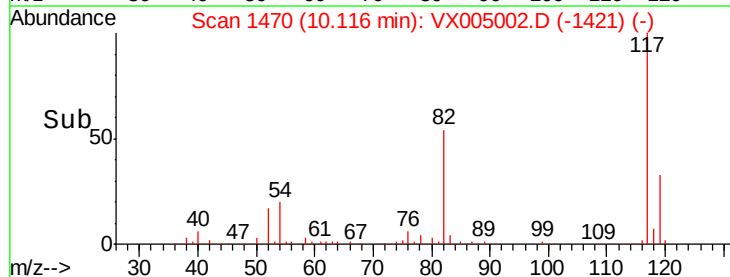
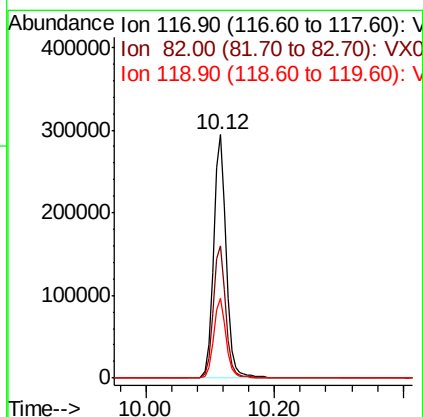
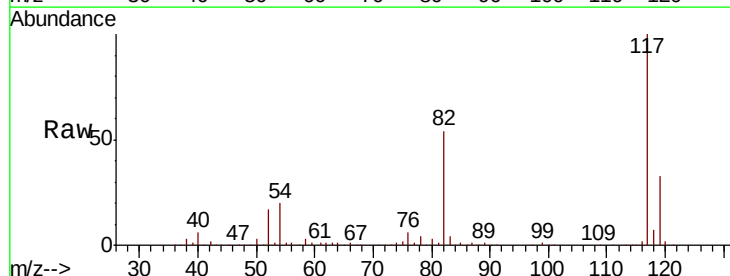
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MSVOA_X
ClientSampleId :
SA-TW508-3337DL

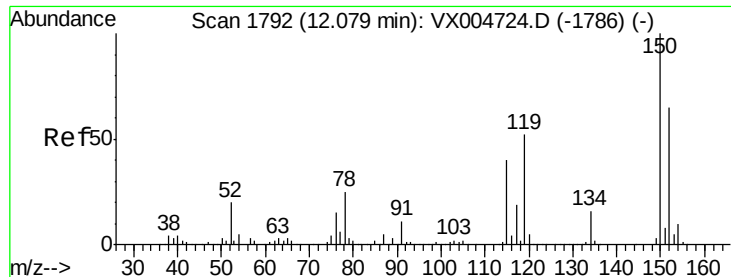
Tot Ion: 95 Resp: 218508
Ion Ratio Lower Upper
95 100
174 92.0 0.0 185.0
176 88.3 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005002.D
Acq: 04 Oct 2018 06:54

Tgt Ion: 117 Resp: 404979
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 32.9 27.4 41.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005002.D
 Acq: 04 Oct 2018 06:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW508-3337DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.2	120.6
150	157.0	0.0	351.0

