

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007154.D
 Acq On : 21 Jan 2019 13:10
 Operator : JC/SP
 Sample : K1198-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW523-3337

Quant Time: Jan 25 03:36:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

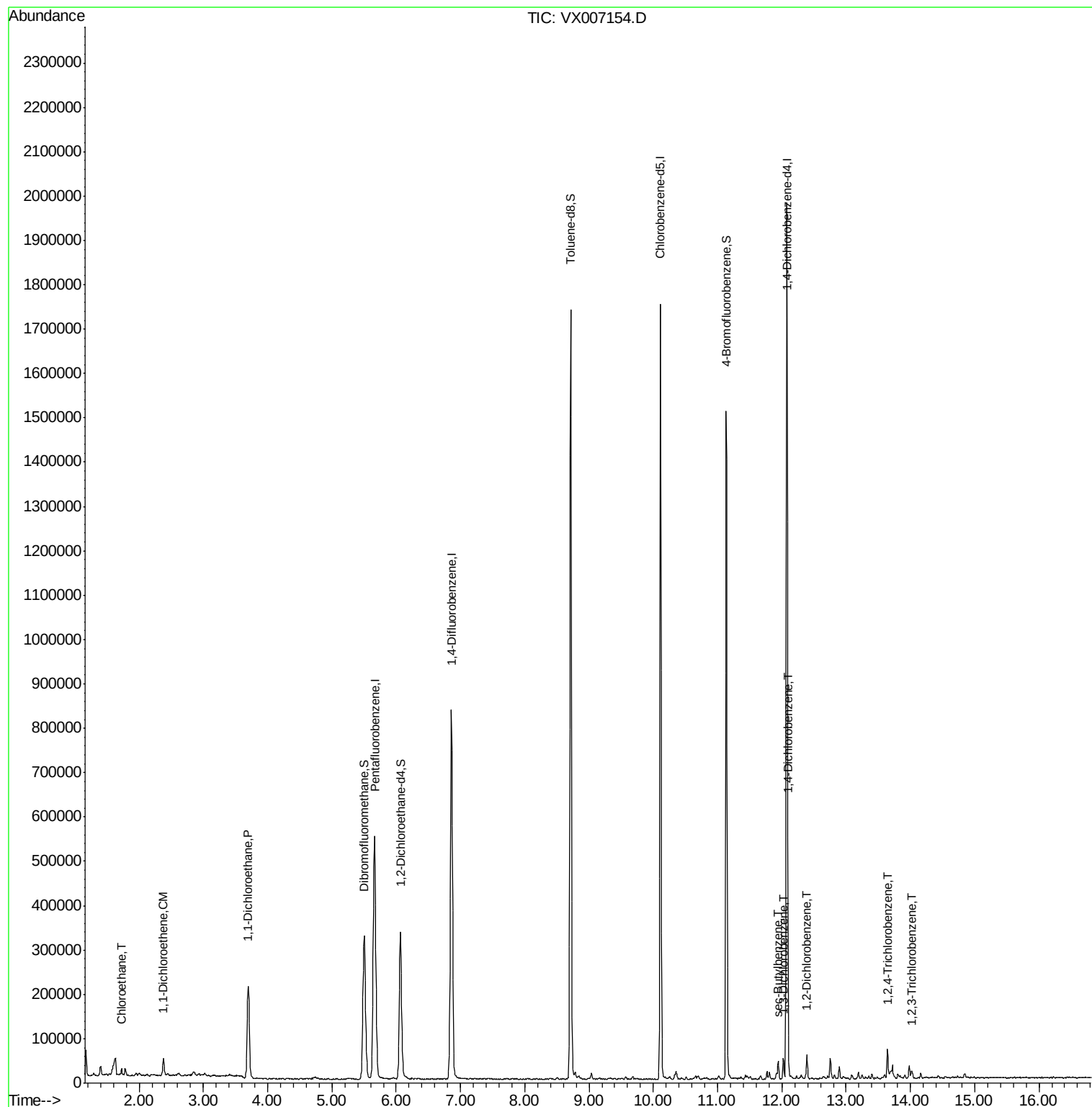
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	574790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	872929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	828457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	419806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	303435	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	5.50	113	273347	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	1055420	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.13	95	380421	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.73	64	9807	2.376	ug/l #	85
12) 1,1-Dichloroethene	2.38	96	14657	2.774	ug/l	94
24) 1,1-Dichloroethane	3.70	63	239175	25.130	ug/l	99
85) sec-Butylbenzene	11.94	105	21213	0.720	ug/l	82
87) 1,3-Dichlorobenzene	12.02	146	15152	1.028	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	38805	2.915	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	16867	1.159	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	15115	1.514	ug/l	94
96) 1,2,3-Trichlorobenzene	14.02	180	4152	0.419	ug/l #	56

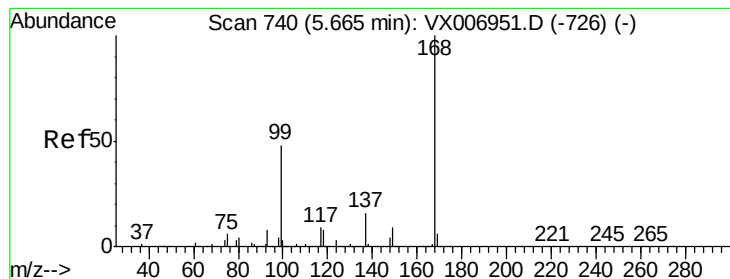
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012119\
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Quant Time: Jan 25 03:36:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 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: VX007154.D

Acq: 21 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

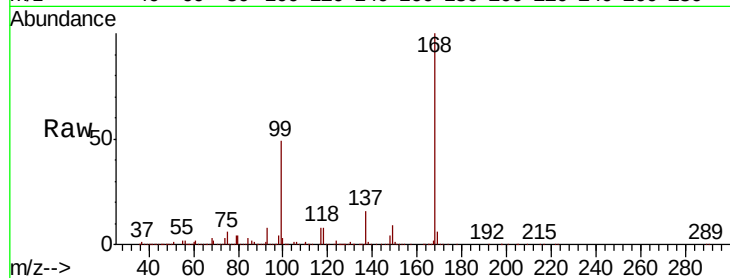
SA-TW523-3337

Tot Ion:168 Resp: 574790

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

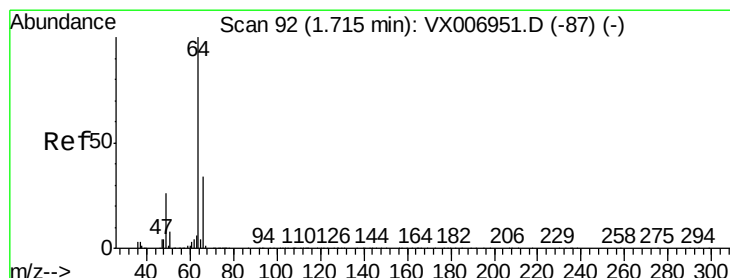
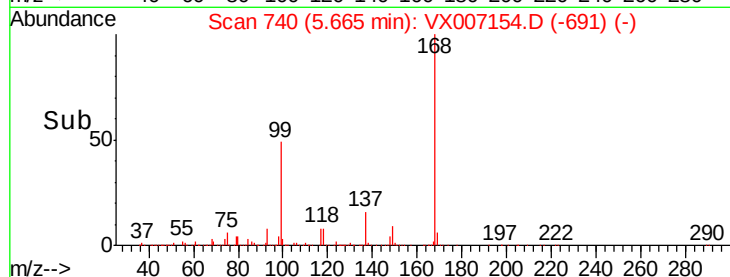
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 2.376 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007154.D

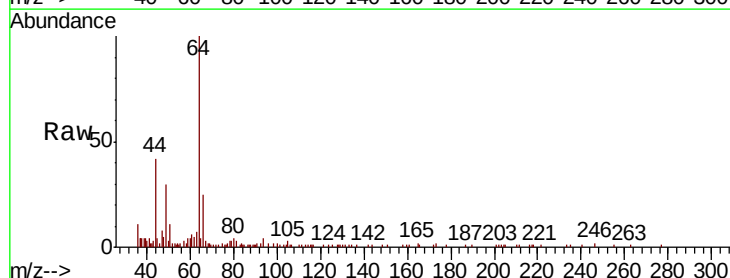
Acq: 21 Jan 2019 13:10

Tgt Ion: 64 Resp: 9807

Ion Ratio Lower Upper

64 100

66 24.6 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

8000

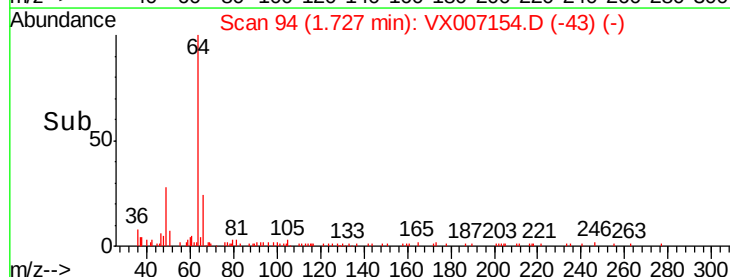
6000

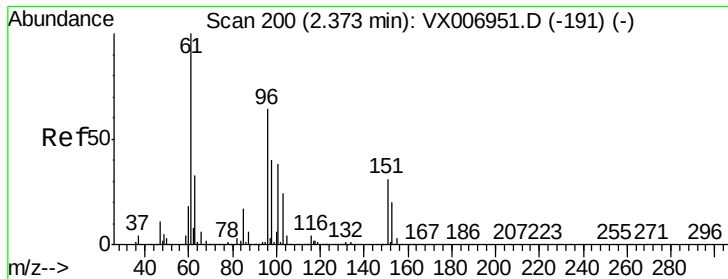
4000

2000

0

Time-->

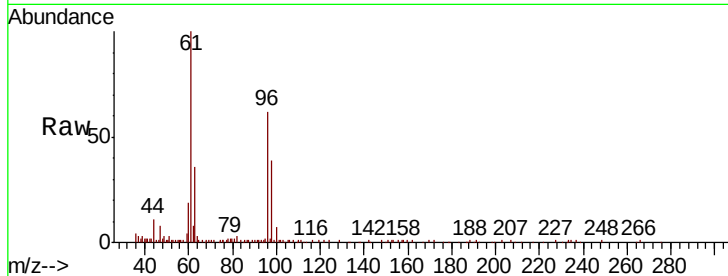




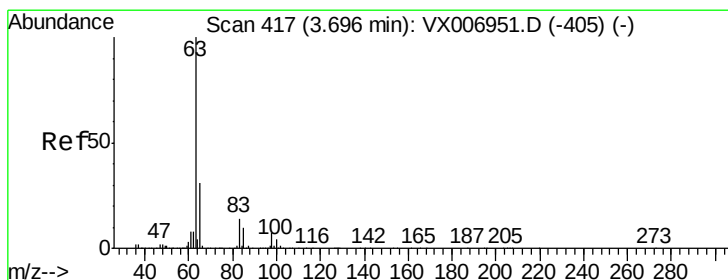
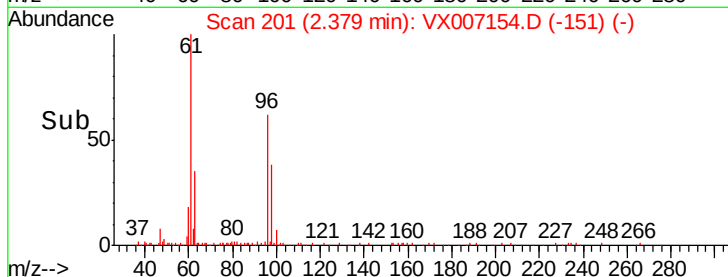
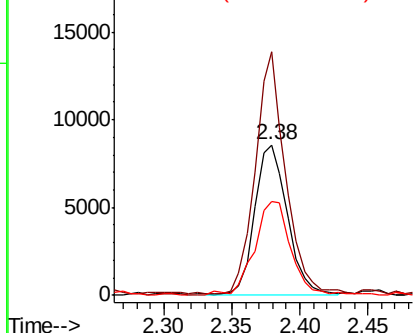
#12
 1,1-Dichloroethene
 Concen: 2.774 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW523-3337

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.2	121.4	182.2
98	61.1	51.9	77.9

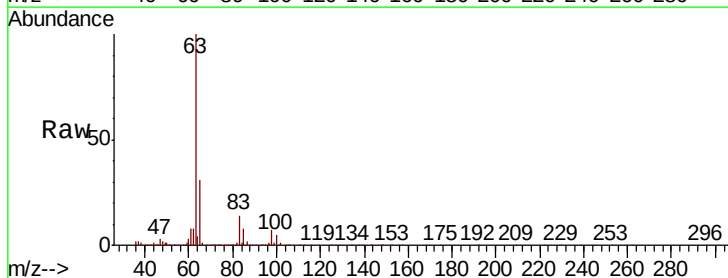


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

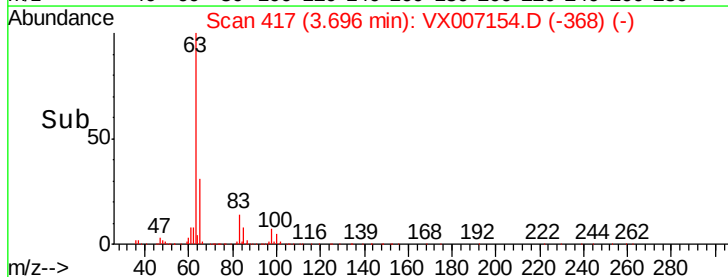
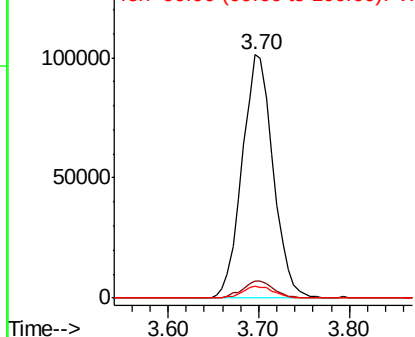


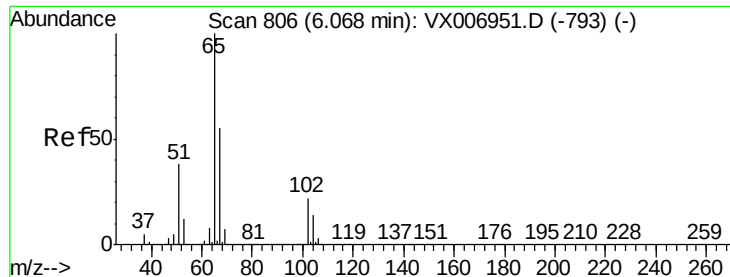
#24
 1,1-Dichloroethane
 Concen: 25.130 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.9	11.5
100	4.7	2.4	7.2



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

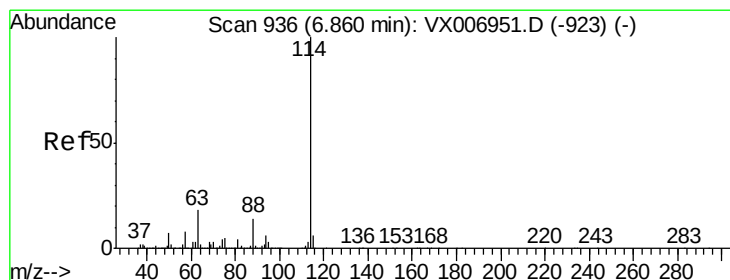
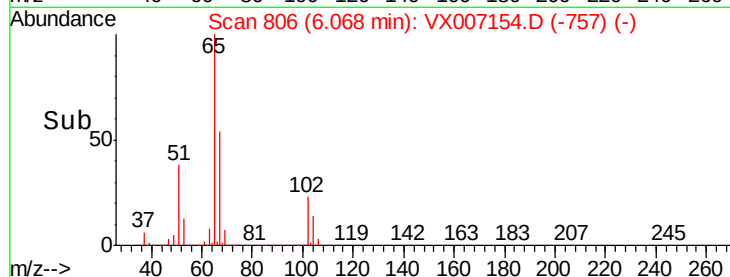
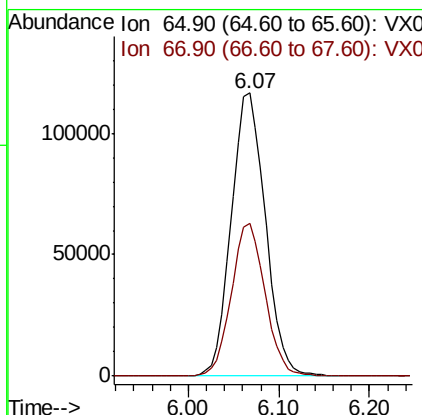
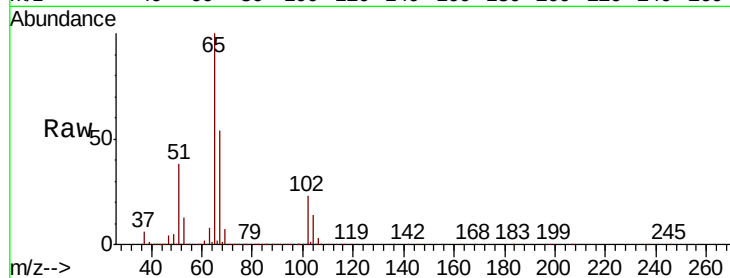




#33
 1,2-Dichloroethane-d4
 Concen: 50.513 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

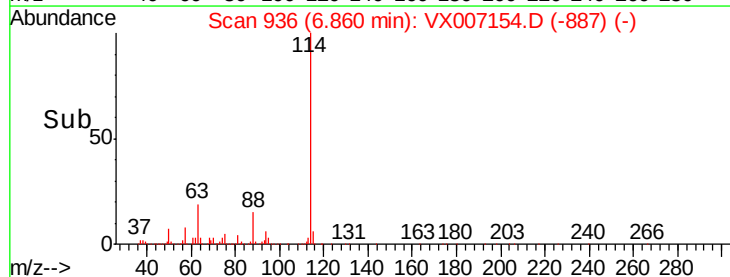
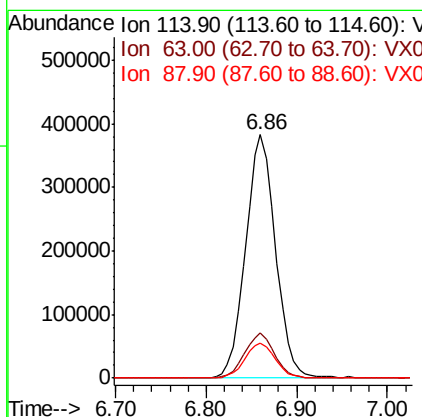
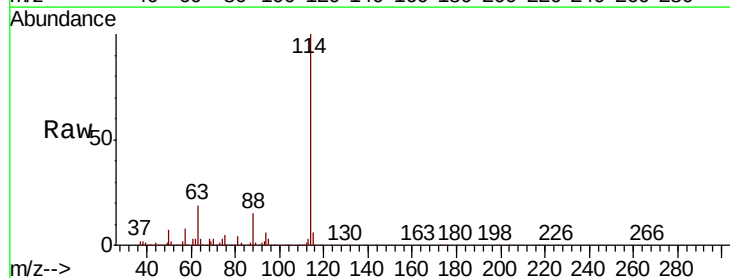
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW523-3337

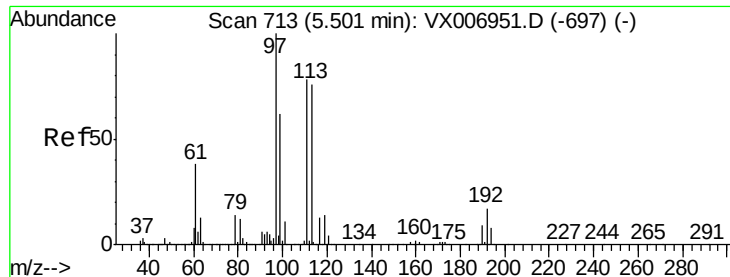
Tot Ion: 65 Resp: 303435
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

Tgt Ion: 114 Resp: 872929
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.8
 88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.898 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007154.D

Acq: 21 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

SA-TW523-3337

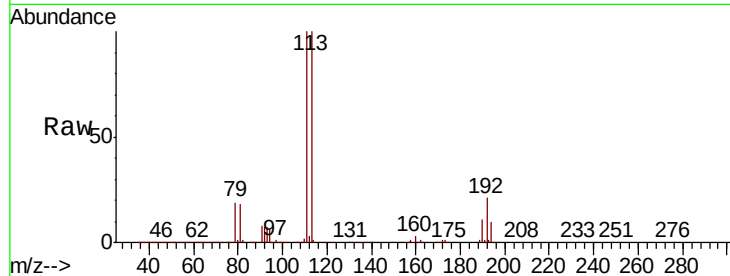
Tot Ion:113 Resp: 273347

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

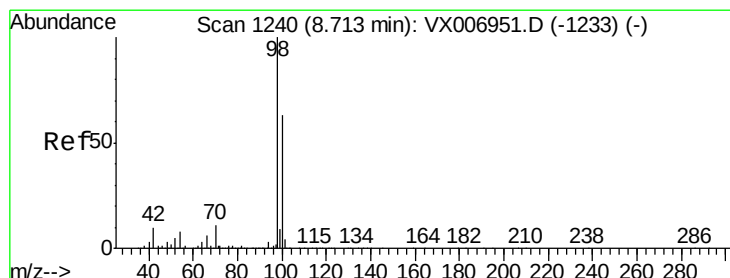
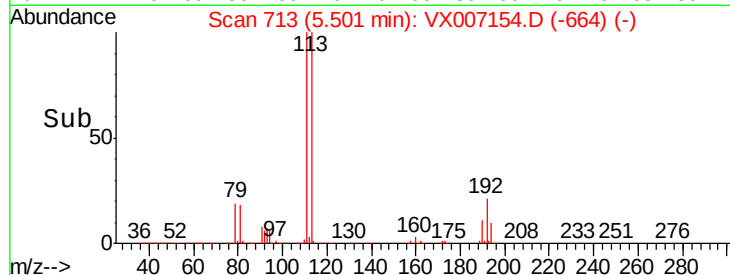
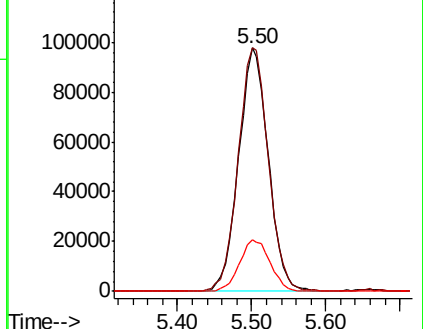
192 21.9 16.7 25.1



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: 51.580 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007154.D

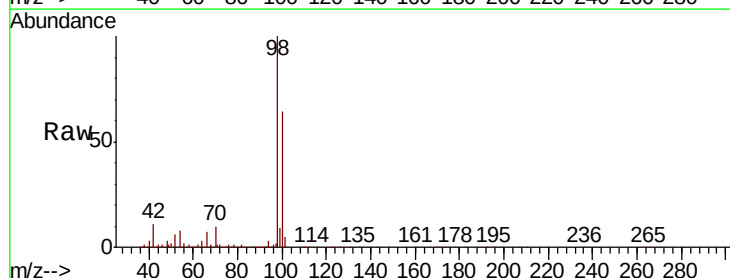
Acq: 21 Jan 2019 13:10

Tgt Ion: 98 Resp: 1055420

Ion Ratio Lower Upper

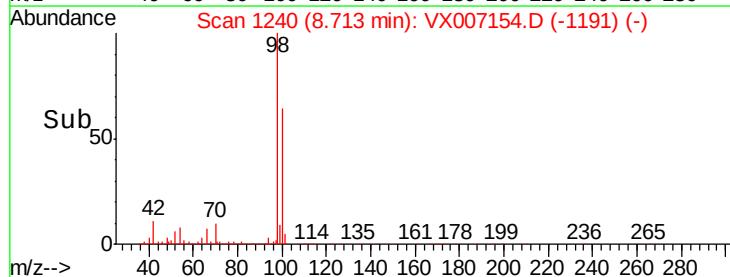
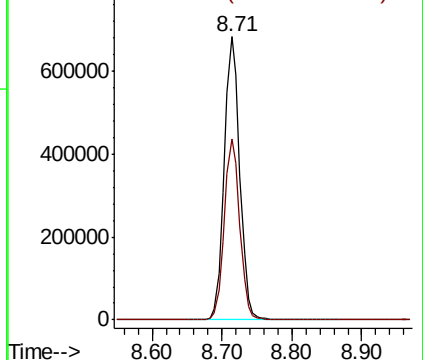
98 100

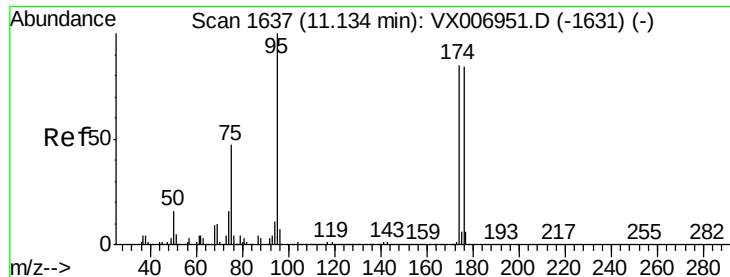
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.329 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007154.D

Acq: 21 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

SA-TW523-3337

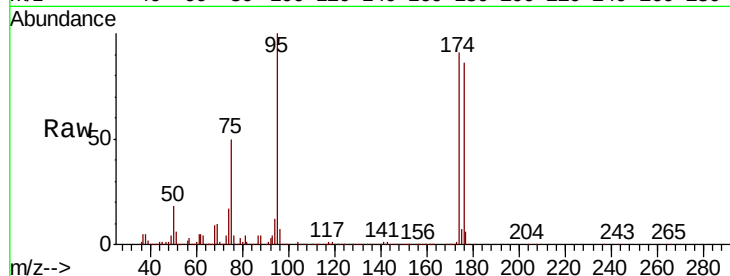
Tot Ion: 95 Resp: 380421

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.2

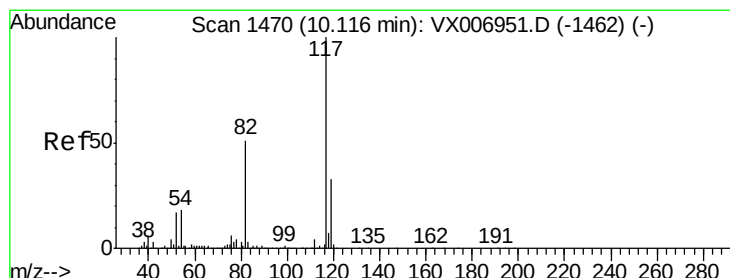
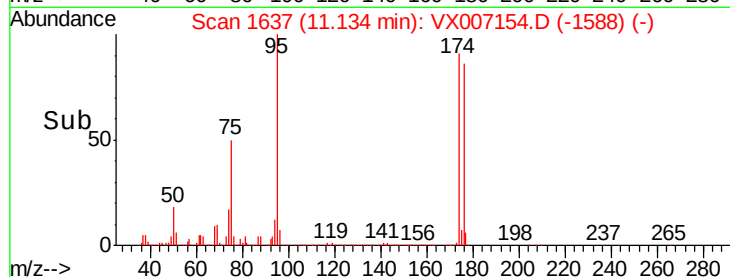
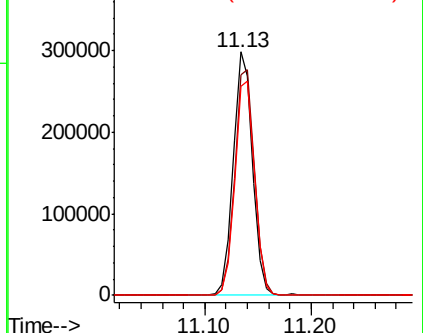
176 90.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007154.D

Acq: 21 Jan 2019 13:10

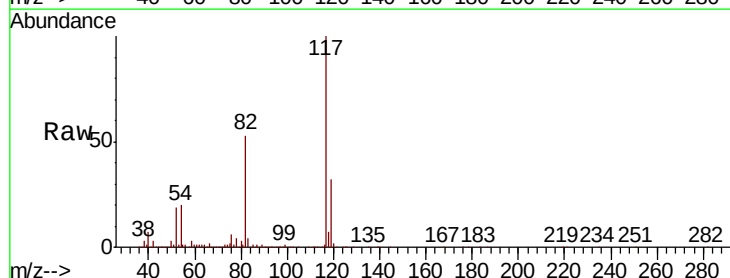
Tgt Ion: 117 Resp: 828457

Ion Ratio Lower Upper

117 100

82 52.7 41.0 61.6

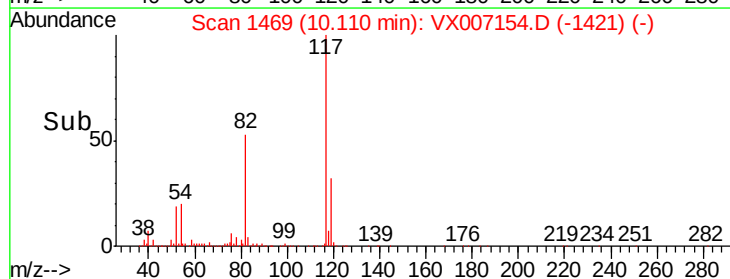
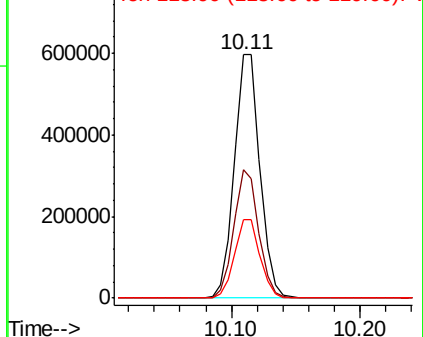
119 32.5 25.4 38.0

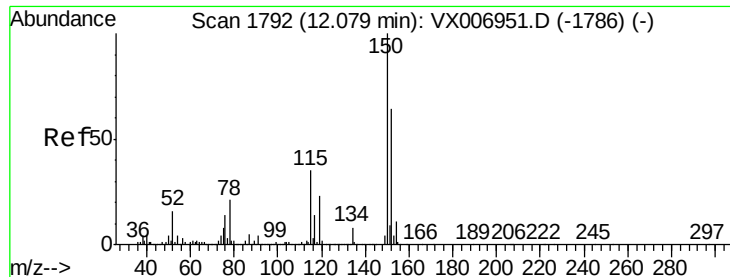


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.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: VX007154.D

Acq: 21 Jan 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

SA-TW523-3337

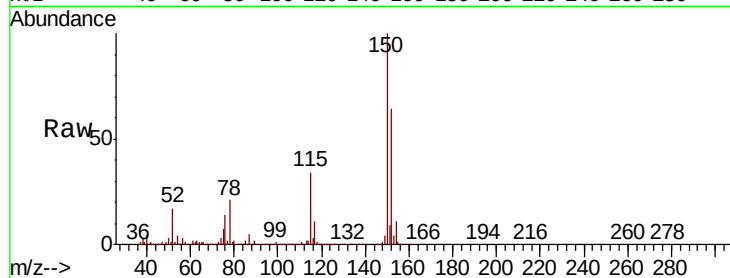
Tot Ion:152 Resp: 419806

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

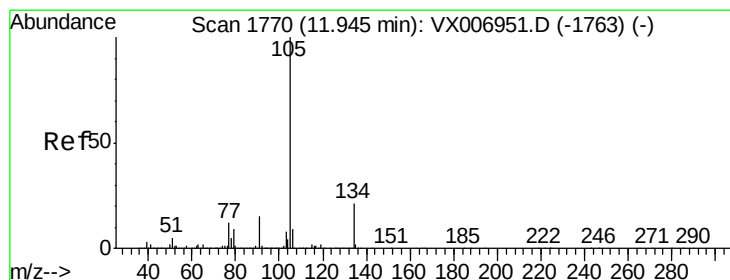
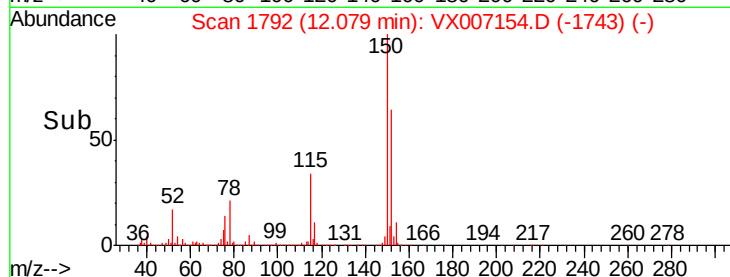
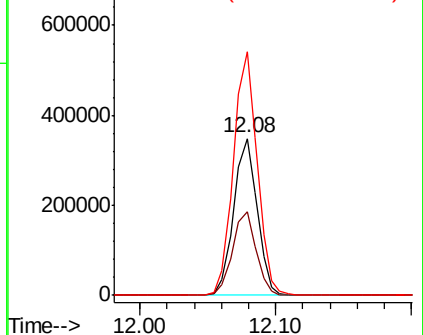
150 156.4 0.0 344.8



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



#85

sec-Butylbenzene

Concen: 0.720 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007154.D

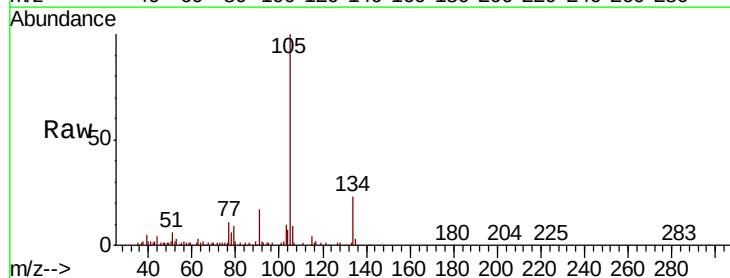
Acq: 21 Jan 2019 13:10

Tgt Ion:105 Resp: 21213

Ion Ratio Lower Upper

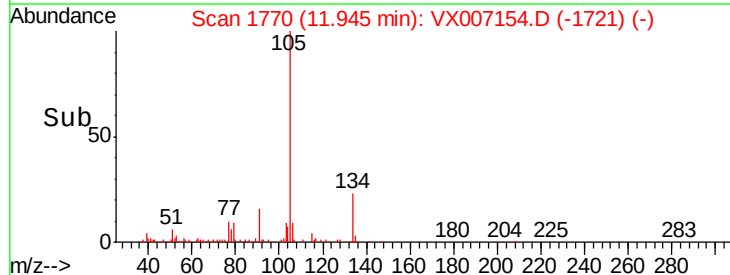
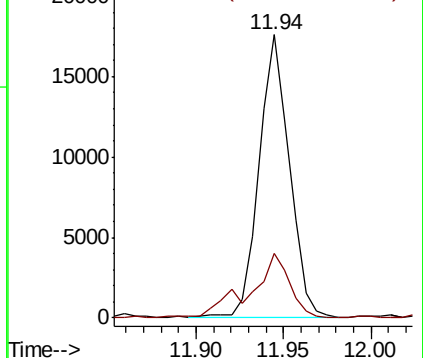
105 100

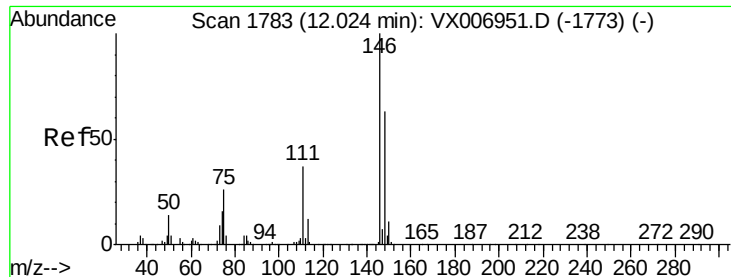
134 29.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

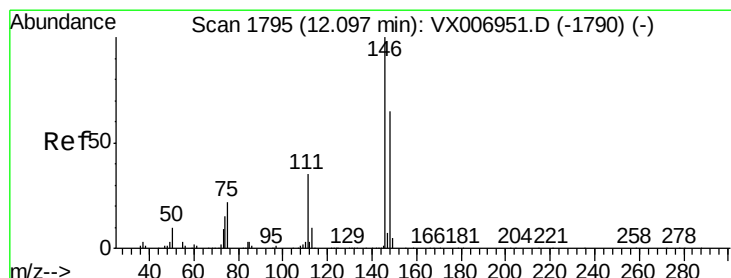
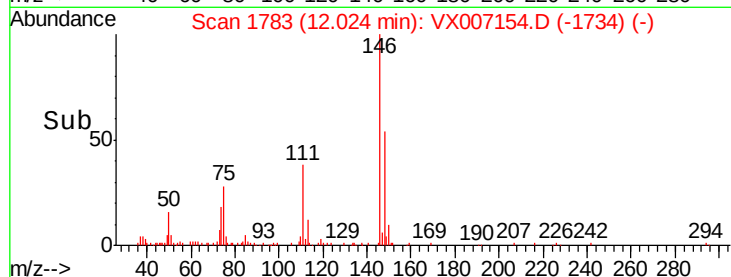
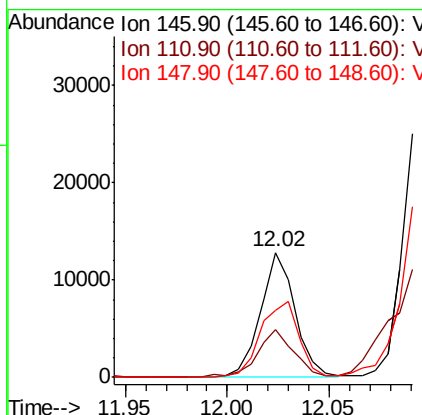
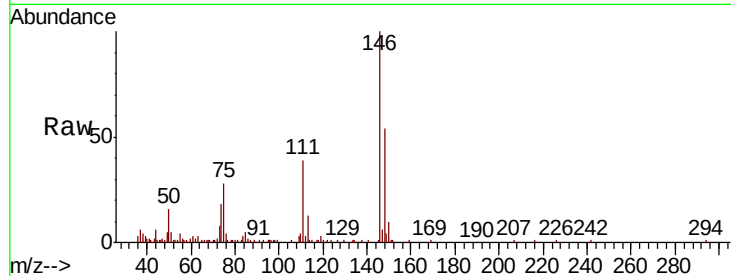




#87
 1,3-Dichlorobenzene
 Concen: 1.028 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

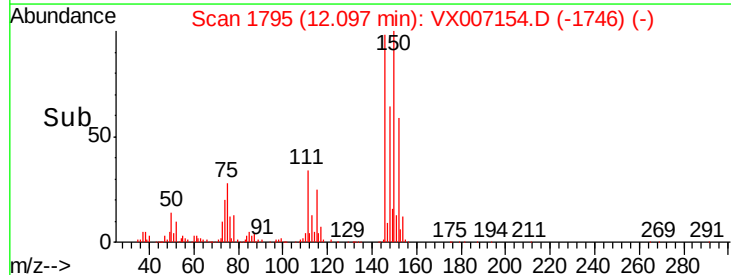
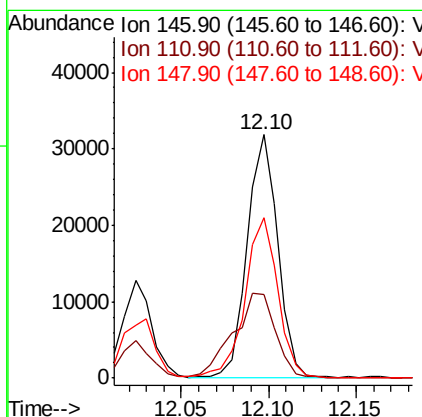
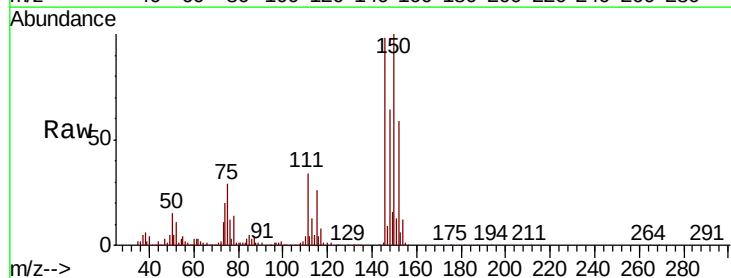
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW523-3337

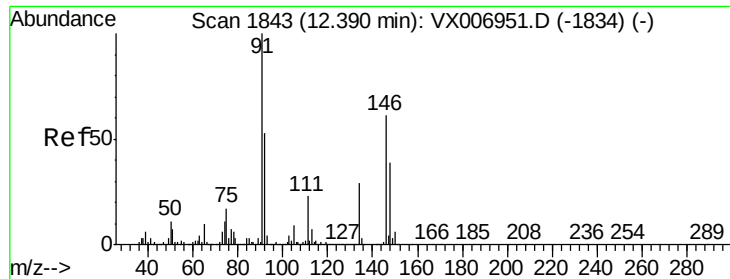
Tot Ion:146 Resp: 15152
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.6 55.8
 148 67.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 2.915 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

Tgt Ion:146 Resp: 38805
 Ion Ratio Lower Upper
 146 100
 111 48.4 18.1 54.1
 148 70.8 31.9 95.9

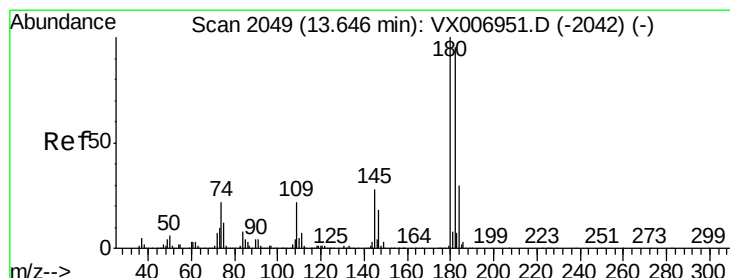
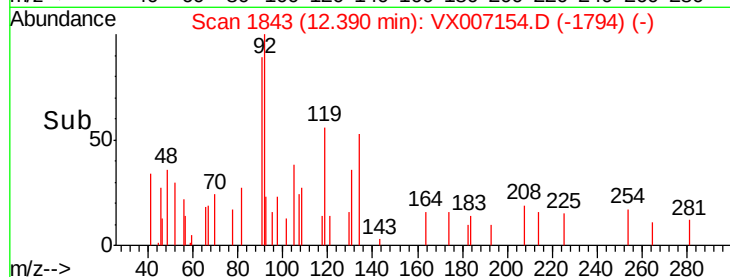
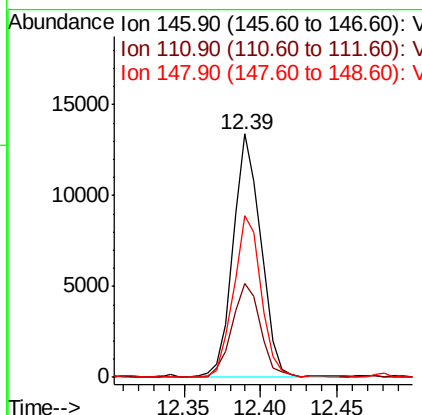
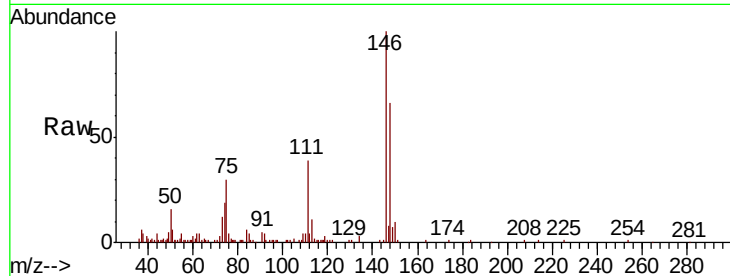




#91
 1,2-Dichlorobenzene
 Concen: 1.159 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

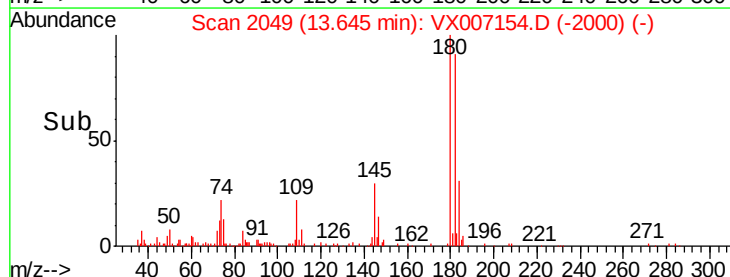
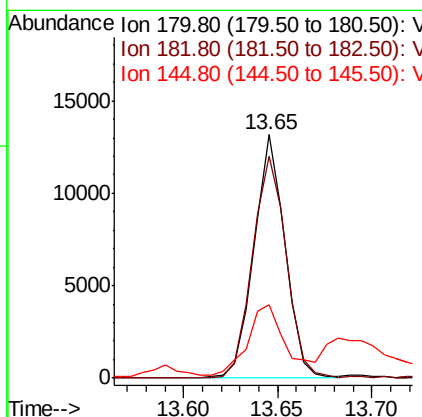
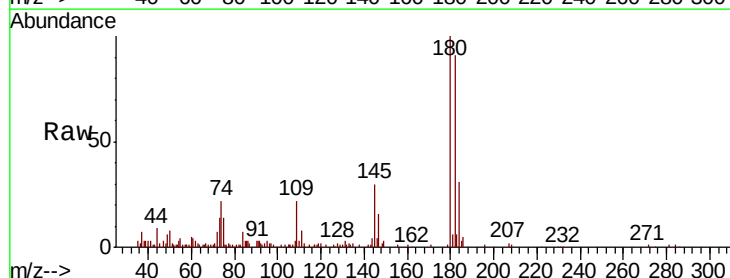
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW523-3337

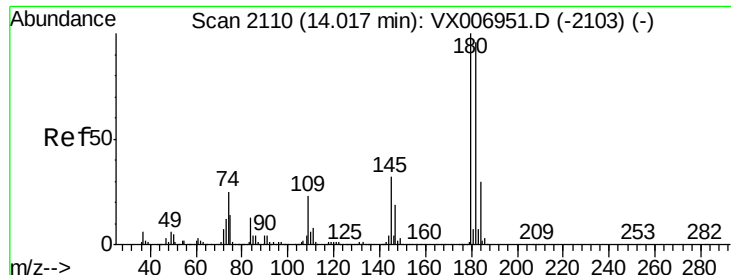
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.2
148	65.7	32.3	96.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.514 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.3	142.0
145	38.3	14.8	44.3

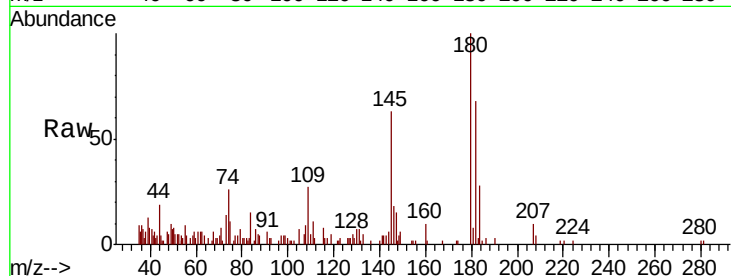




#96
 1,2,3-Trichlorobenzene
 Concen: 0.419 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: VX007154.D
 Acq: 21 Jan 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW523-3337

Tot Ion	Ratio	Lower	Upper
180	100		
182	80.4	48.5	145.5
145	102.9	16.0	47.9#



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

