

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006318.D
 Acq On : 06 Dec 2018 15:11
 Operator : JC/MD
 Sample : J6250-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:30:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	808257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1227723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1121726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	544493	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	406250	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	5.50	113	381041	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	1426628	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	532942	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	

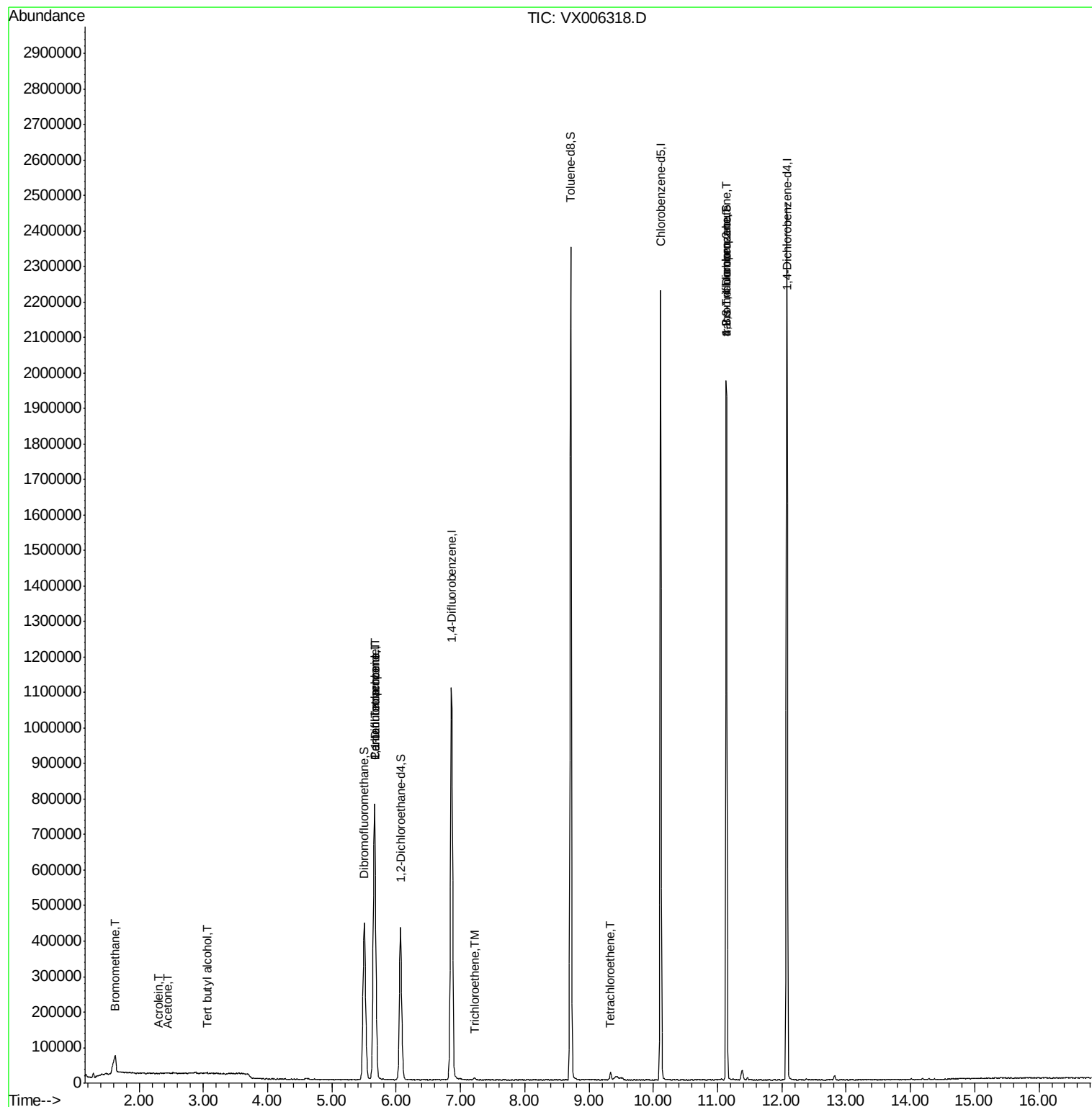
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1577	0.260	ug/l #	50
11) Tert butyl alcohol	3.06	59	2143	0.950	ug/l #	73
13) Acrolein	2.31	56	259	0.210	ug/l #	13
16) Acetone	2.45	43	1603	0.414	ug/l #	58
36) 1,1-Dichloropropene	5.67	75	51622	4.993	ug/l #	48
38) Carbon Tetrachloride	5.66	117	73727	6.062	ug/l #	16
44) Trichloroethene	7.22	130	2462	0.262	ug/l	91
64) Tetrachloroethene	9.34	164	2189	0.259	ug/l #	65
76) 1,2,3-Trichloropropane	11.13	75	242866	23.109	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	242866	54.230	ug/l #	15

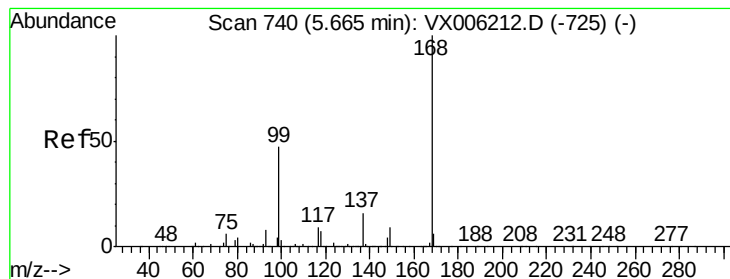
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
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Quant Time: Dec 07 04:30:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

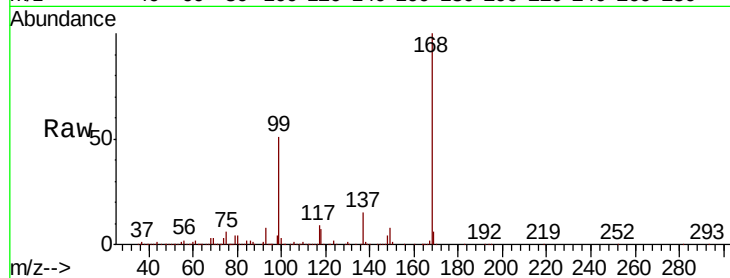
ClientSampleId :

Tot Ion:168 Resp: 808257

Ion Ratio Lower Upper

168 100

99 50.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

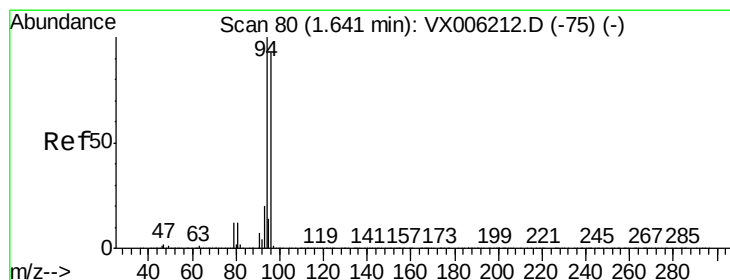
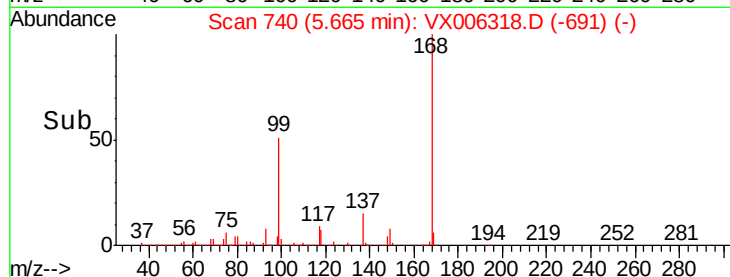
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.260 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006318.D

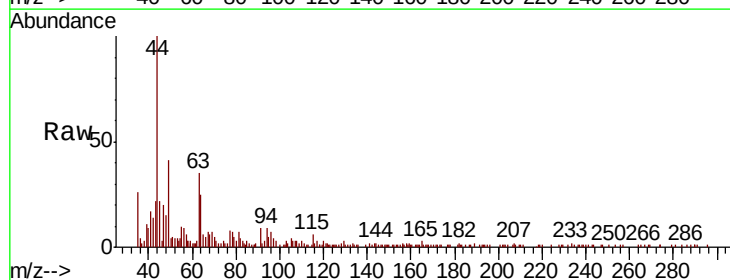
Acq: 06 Dec 2018 15:11

Tgt Ion: 94 Resp: 1577

Ion Ratio Lower Upper

94 100

96 45.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

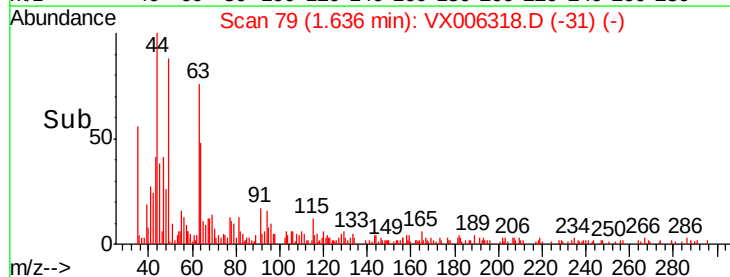
600

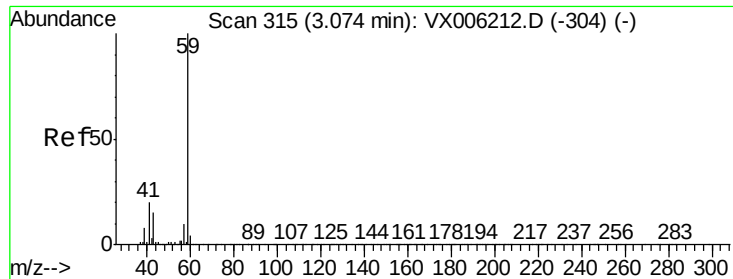
400

200

0

Time-->



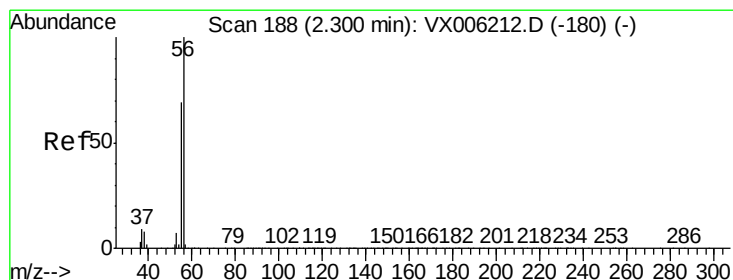
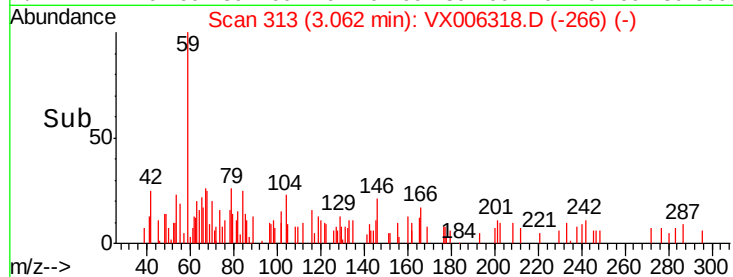
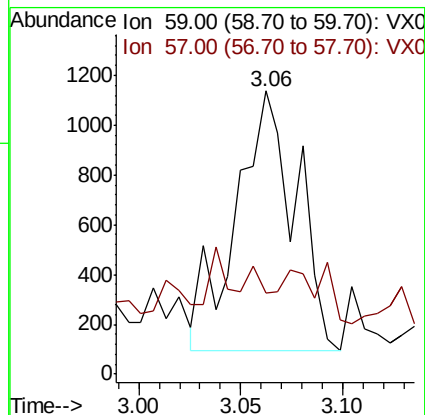
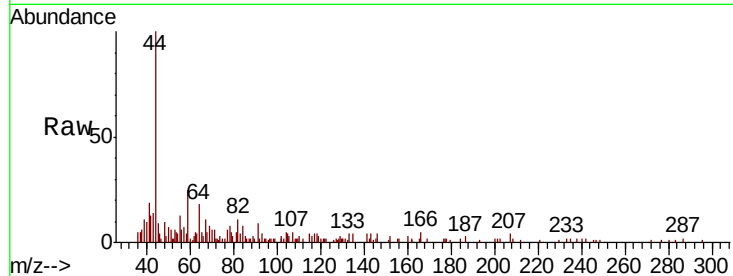


#11

Tert butyl alcohol
Concen: 0.950 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

Instrument :
MSVOA_X
ClientSampleId :

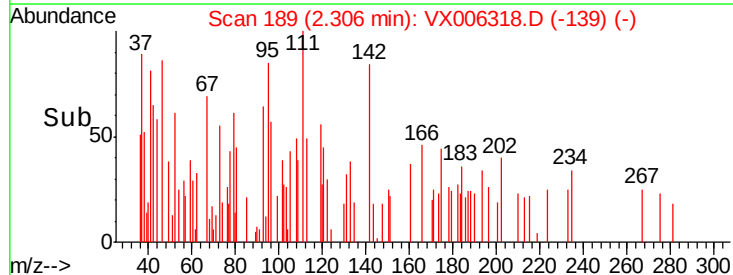
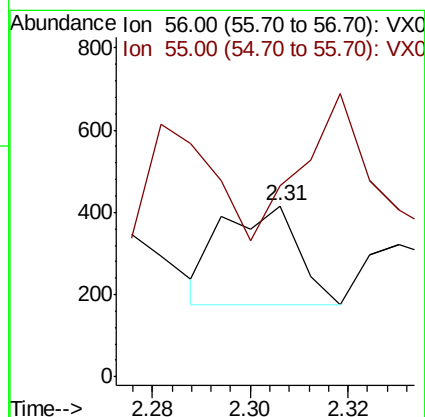
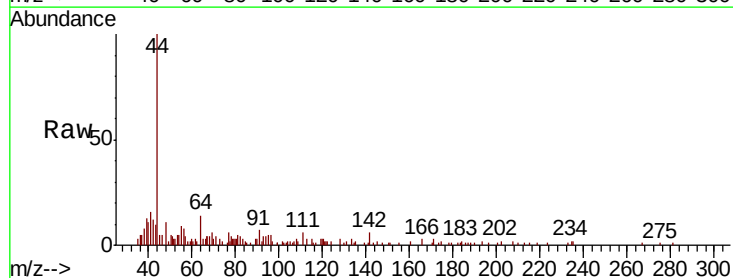
Tot Ion: 59 Resp: 2143
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

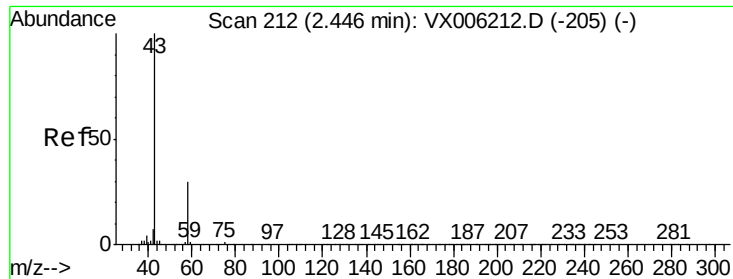


#13

Acrolein
Concen: 0.210 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#

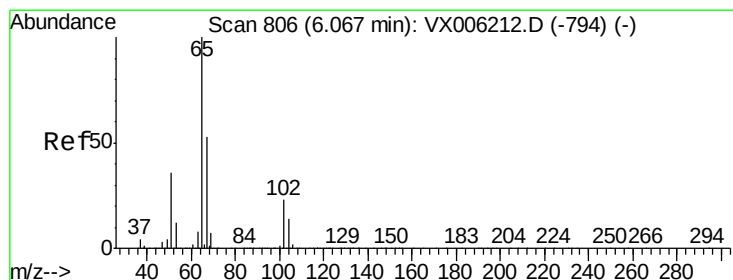
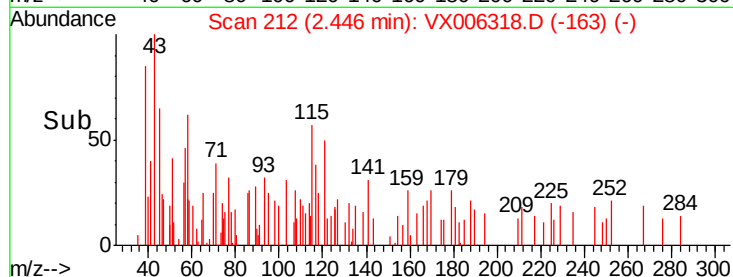
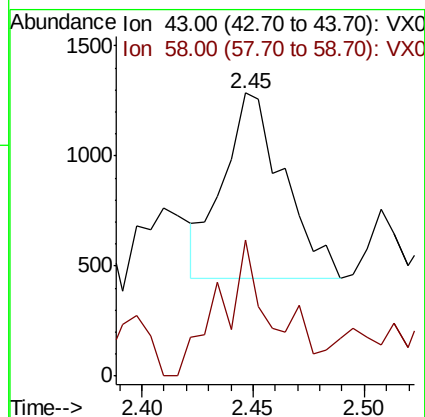
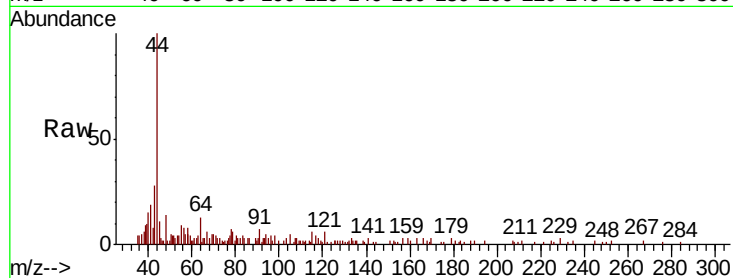




#16
Acetone
Concen: 0.414 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

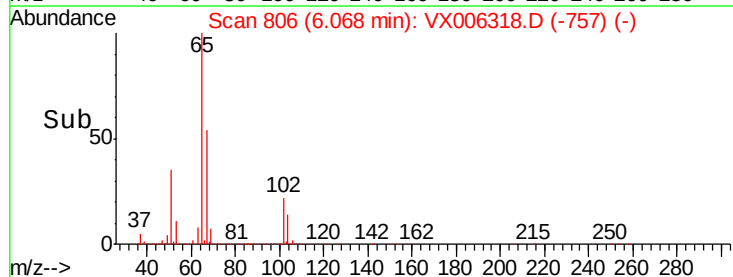
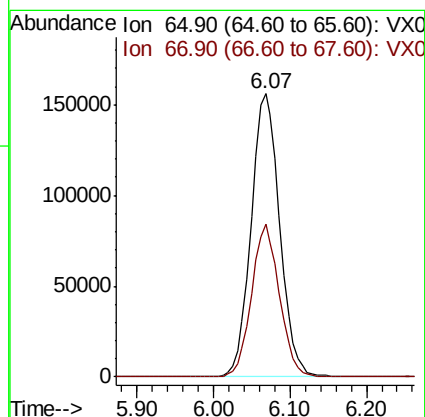
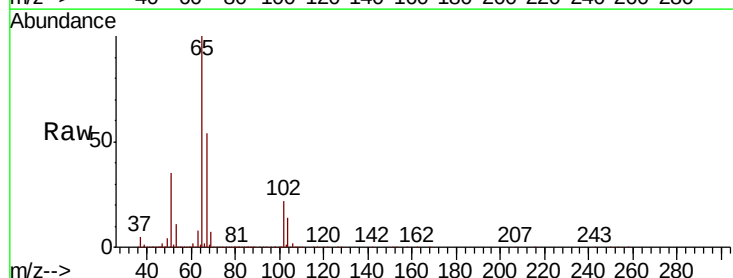
Instrument :
MSVOA_X
ClientSampled :

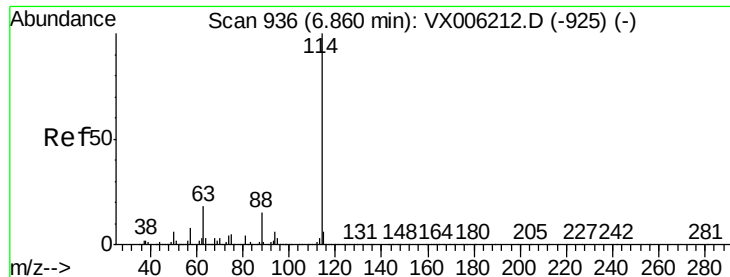
Tot Ion: 43 Resp: 1603
Ion Ratio Lower Upper
43 100
58 52.7 24.0 36.0#



#33
1,2-Dichloroethane-d4
Concen: 49.236 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

Tgt Ion: 65 Resp: 406250
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2

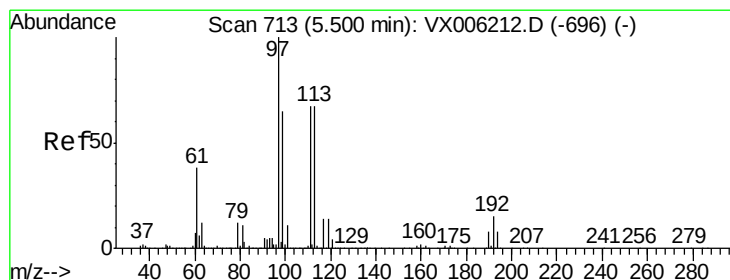
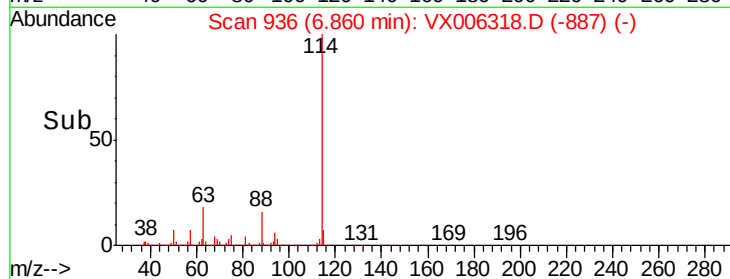
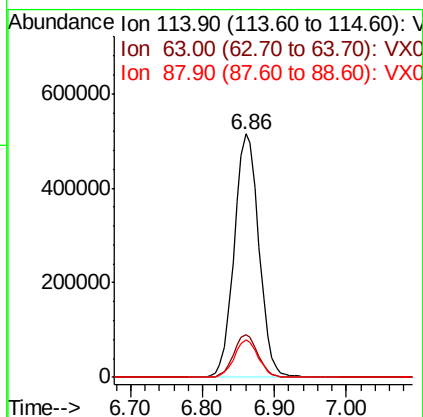
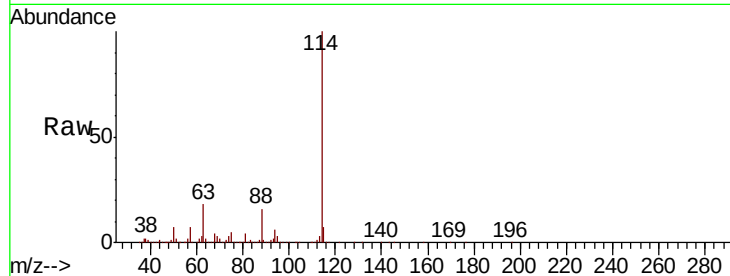




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006318.D
 Acq: 06 Dec 2018 15:11

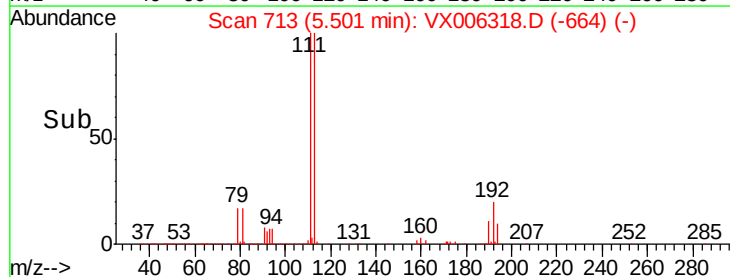
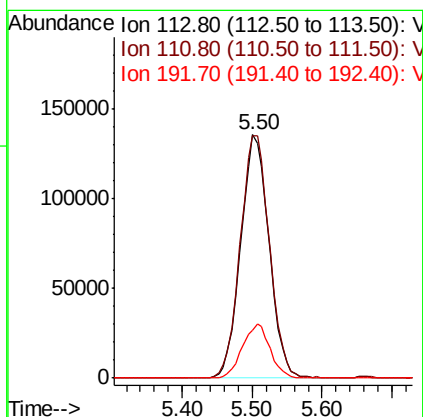
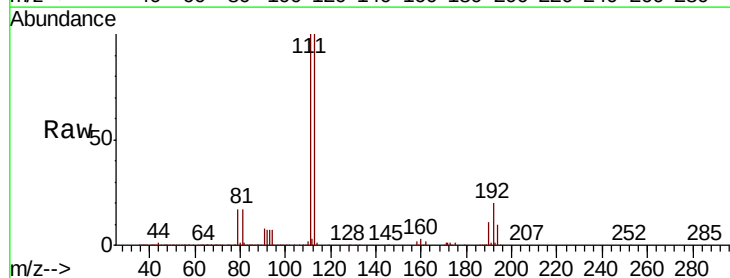
Instrument :
 MSVOA_X
 ClientSampleId :

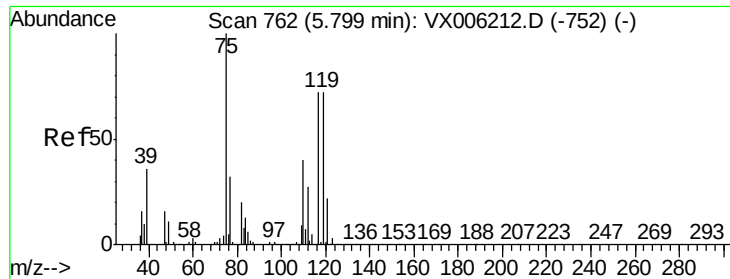
Tot Ion:114 Resp: 1227723
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 15.7 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 47.936 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006318.D
 Acq: 06 Dec 2018 15:11

Tgt Ion:113 Resp: 381041
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 21.7 18.2 27.2

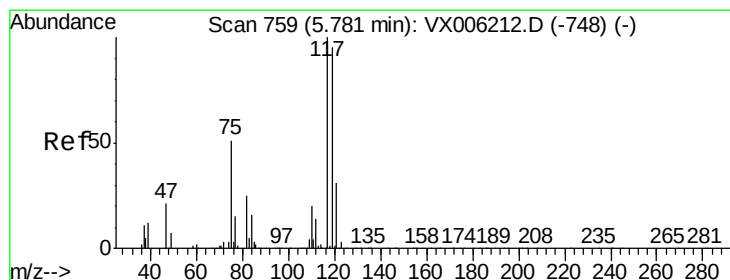
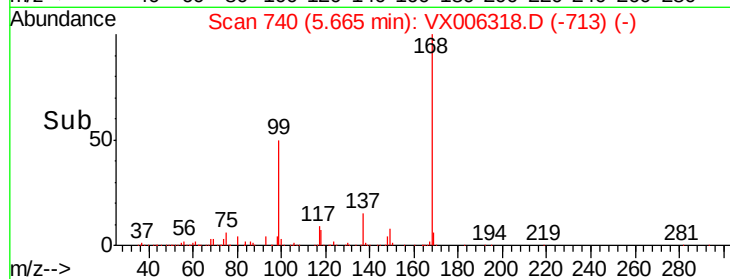
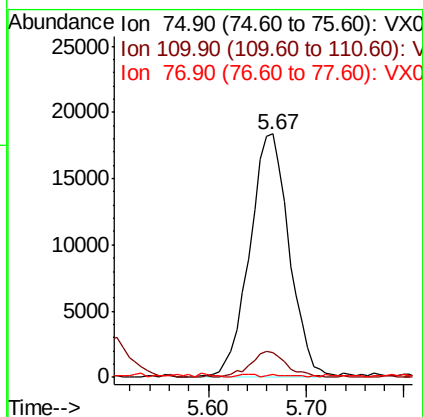
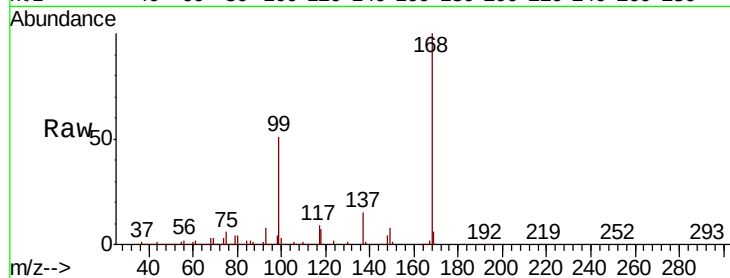




#36
 1,1-Dichloropropene
 Concen: 4.993 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006318.D
 Acq: 06 Dec 2018 15:11

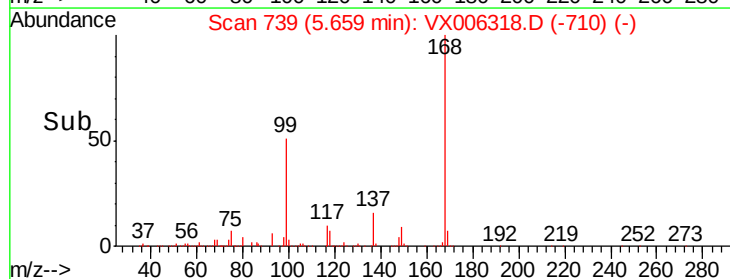
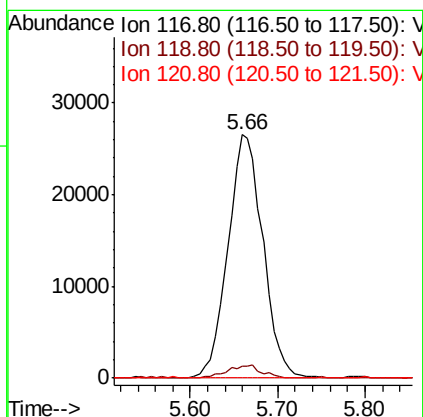
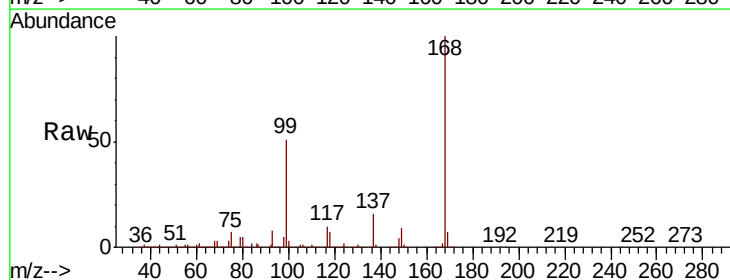
Instrument :
 MSVOA_X
 ClientSampled :

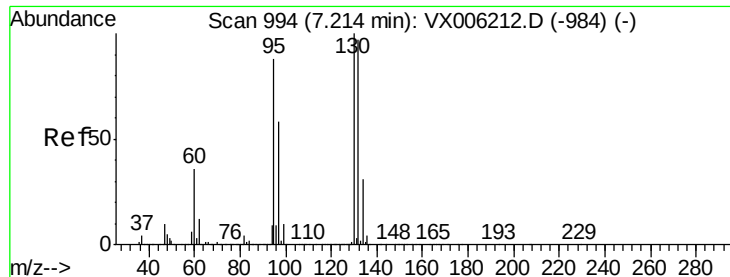
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.4	61.3#
77	0.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.062 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX006318.D
 Acq: 06 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.8#
121	0.2	24.6	37.0#





#44

Trichloroethene

Concen: 0.262 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

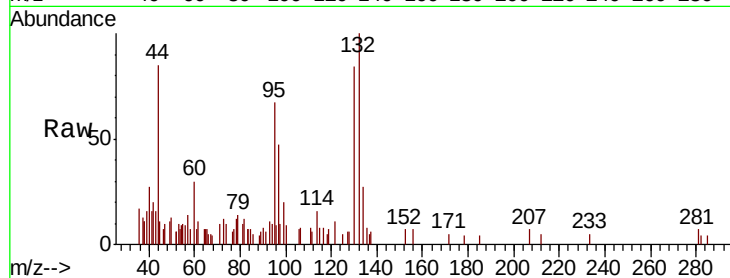
ClientSampleId :

Tot Ion:130 Resp: 2462

Ion Ratio Lower Upper

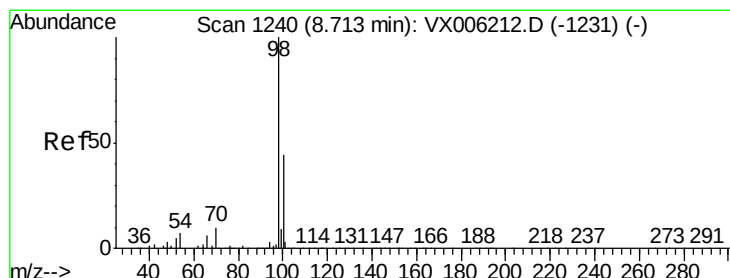
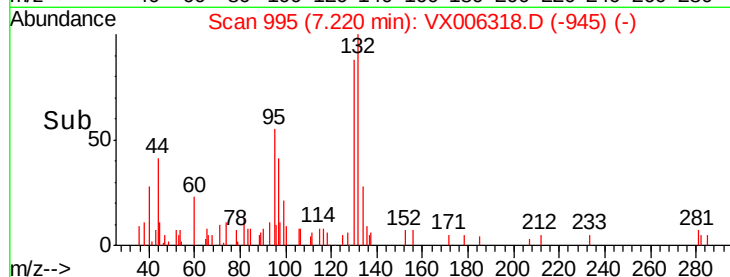
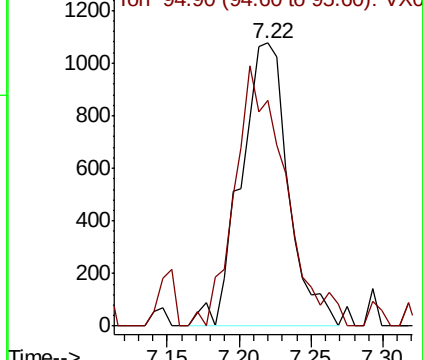
130 100

95 79.6 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.340 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006318.D

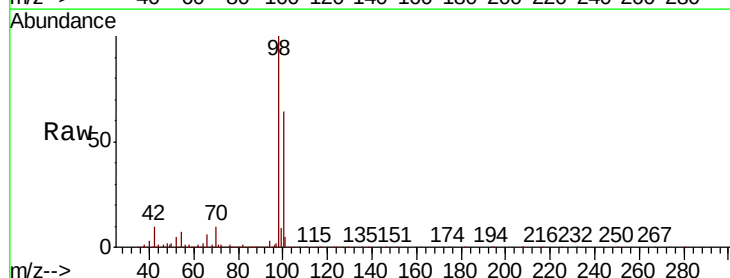
Acq: 06 Dec 2018 15:11

Tgt Ion: 98 Resp: 1426628

Ion Ratio Lower Upper

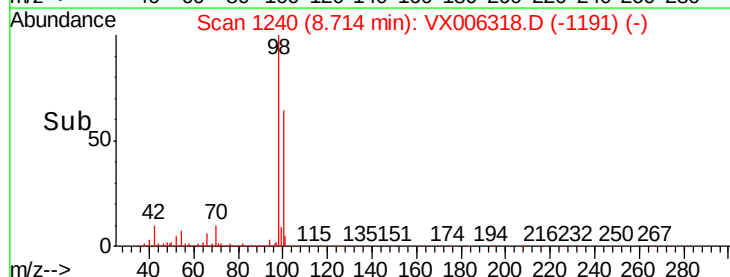
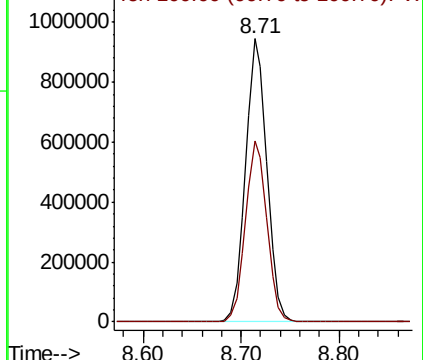
98 100

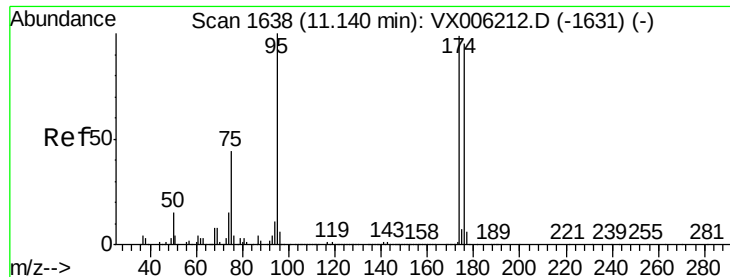
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.913 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

ClientSampleId :

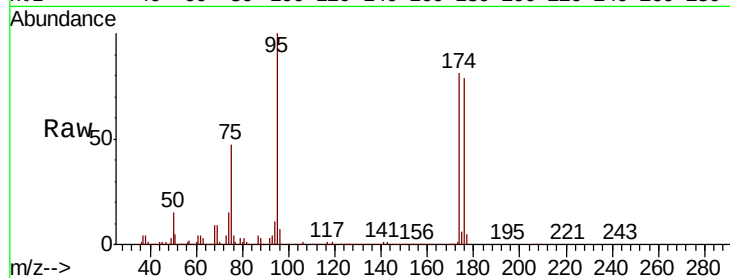
Tot Ion: 95 Resp: 532942

Ion Ratio Lower Upper

95 100

174 89.0 0.0 187.0

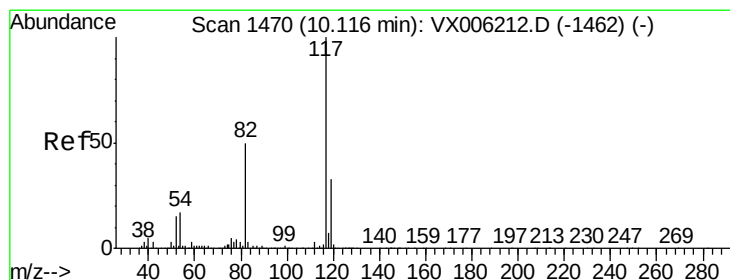
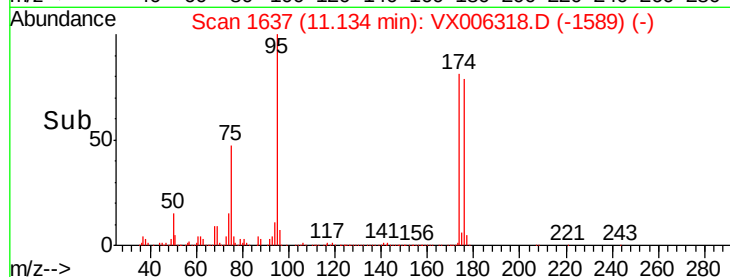
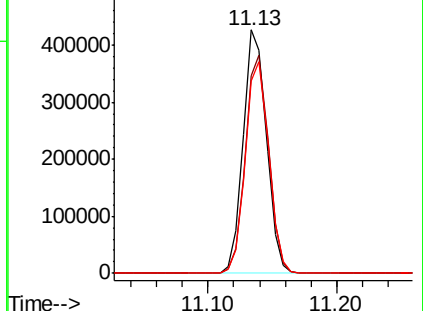
176 87.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

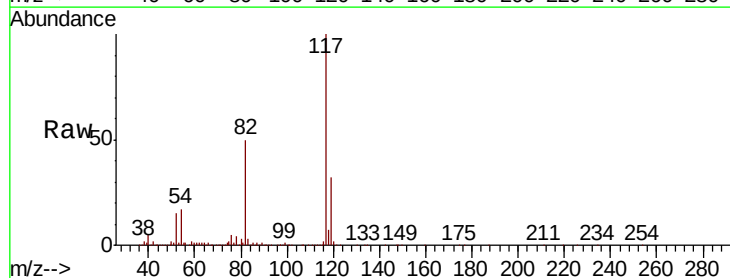
Tgt Ion: 117 Resp: 1121726

Ion Ratio Lower Upper

117 100

82 49.7 39.6 59.4

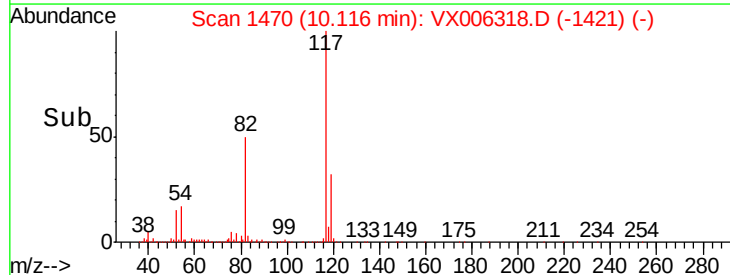
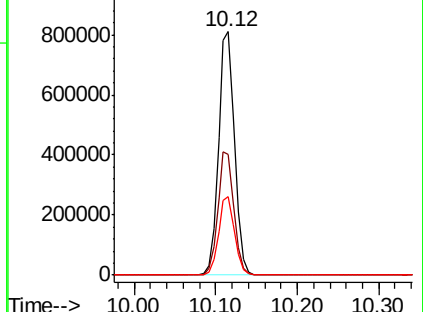
119 32.4 26.3 39.5

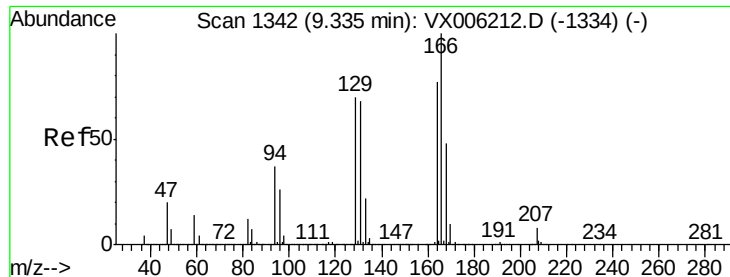


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

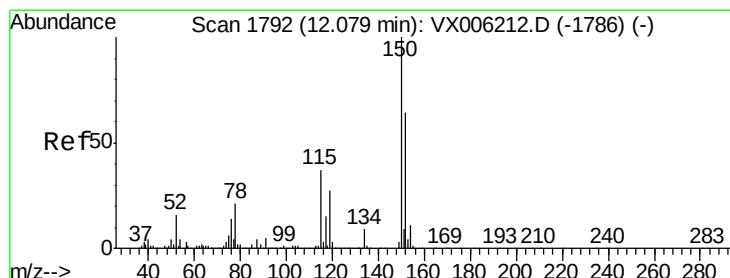
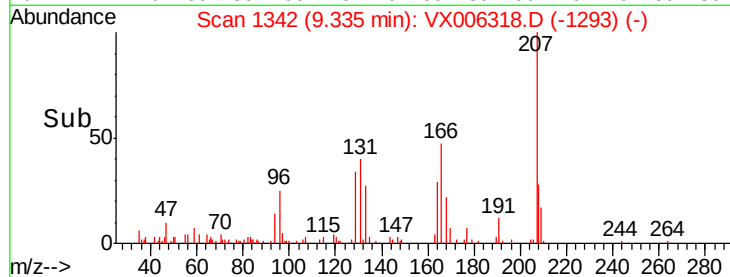
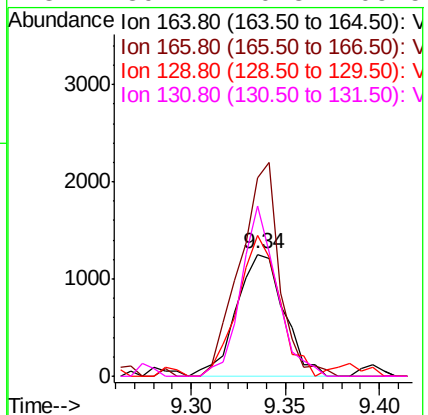
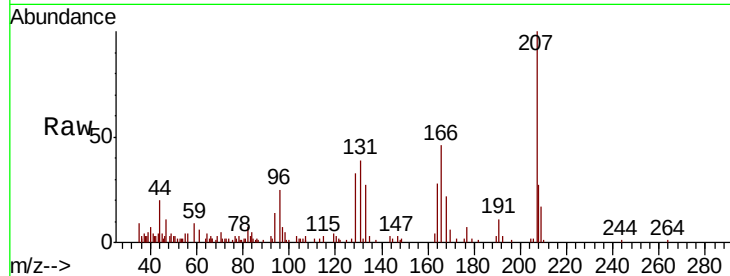




#64
Tetrachloroethene
Concen: 0.259 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

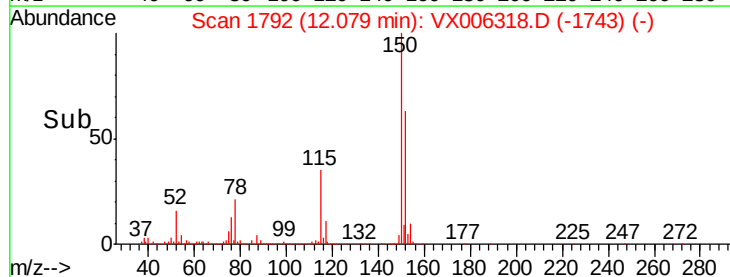
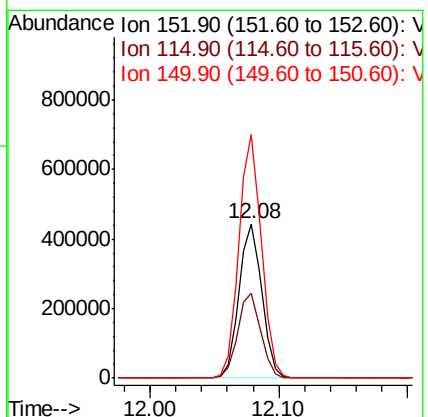
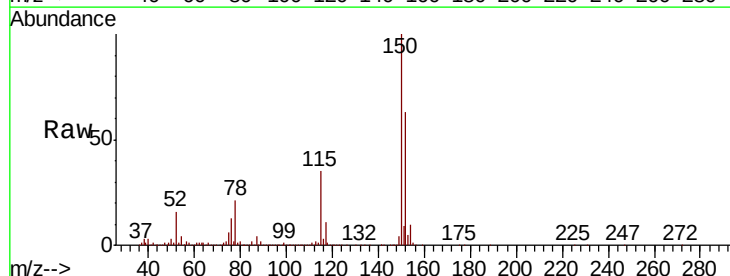
Instrument :
MSVOA_X
ClientSampled :

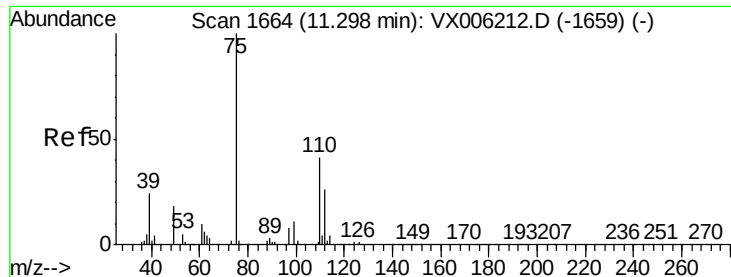
Tot Ion	Ratio	Lower	Upper
164	100		
166	163.1	104.2	156.2#
129	115.7	72.6	108.8#
131	139.4	70.3	105.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006318.D
Acq: 06 Dec 2018 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.0	116.9
150	156.0	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 23.109 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Instrument :

MSVOA_X

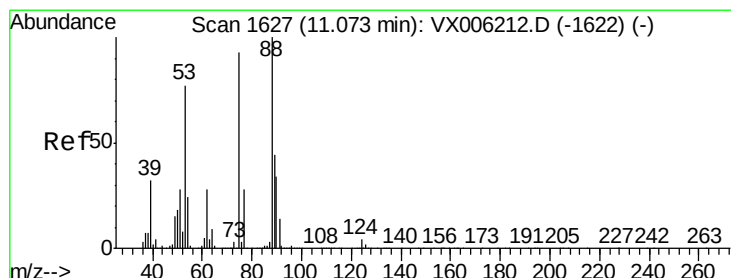
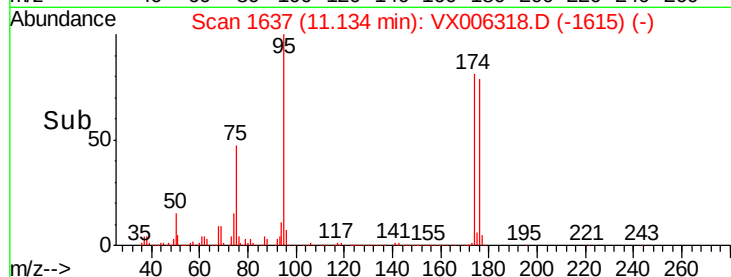
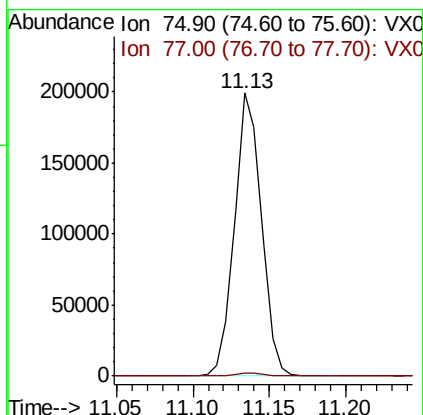
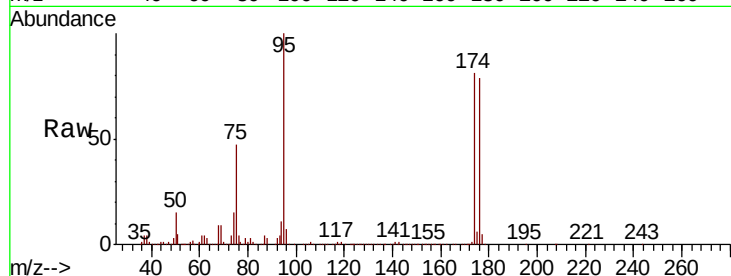
ClientSampleId :

Tot Ion: 75 Resp: 242866

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.230 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006318.D

Acq: 06 Dec 2018 15:11

Tgt Ion: 75 Resp: 242866

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

