

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006530.D
 Acq On : 14 Dec 2018 20:58
 Operator : JC/MD
 Sample : J6396-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:38:59 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

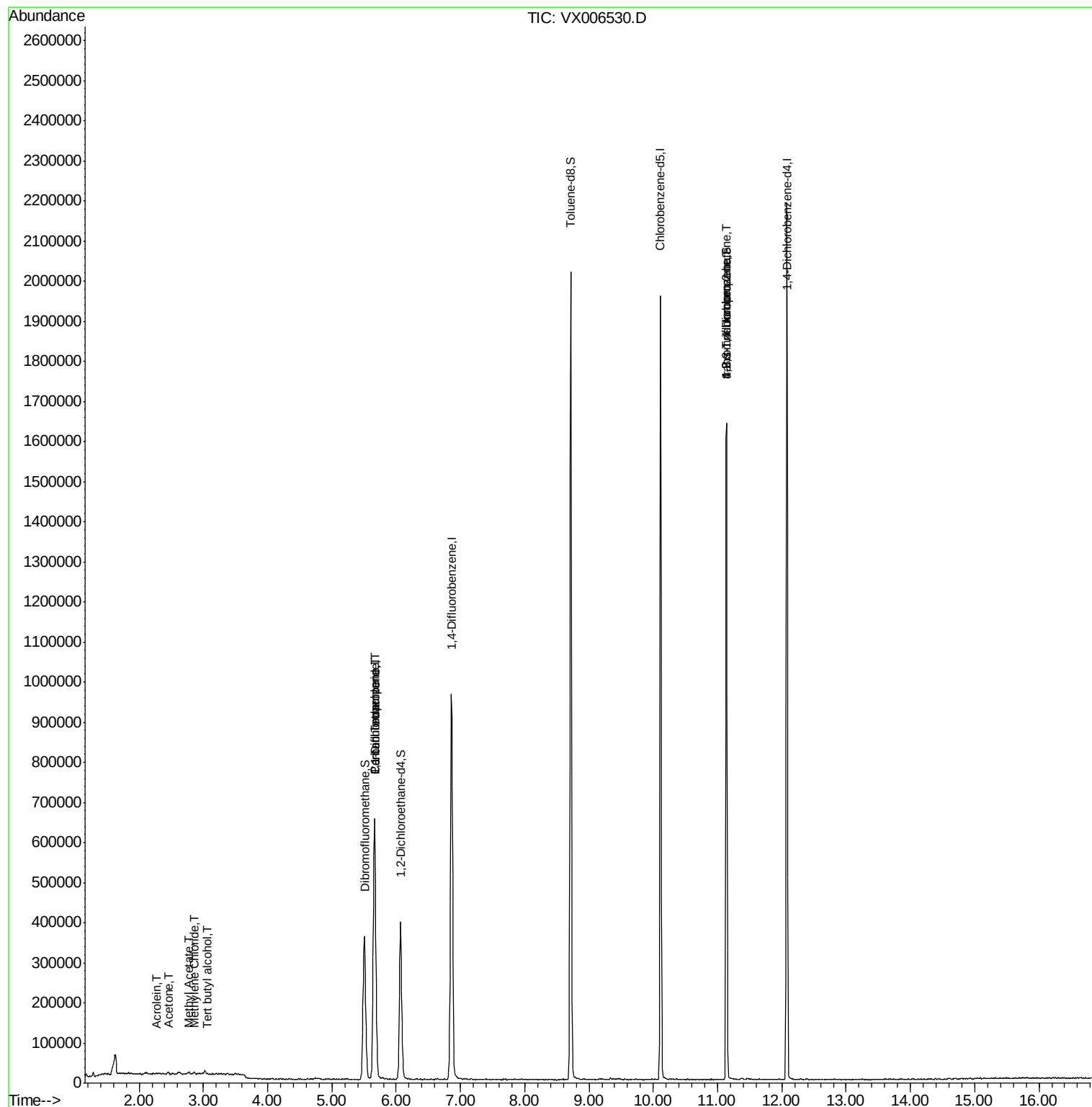
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	653844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1050400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	947222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	453243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	359943	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
35) Dibromofluoromethane	5.51	113	311558	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	8.71	98	1244594	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	455062	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	518	0.284	ug/l #	80
13) Acrolein	2.28	56	975	0.977	ug/l #	43
16) Acetone	2.45	43	5319	1.698	ug/l #	88
18) Methyl Acetate	2.78	43	5817	0.555	ug/l #	77
20) Methylene Chloride	2.85	84	2198	0.330	ug/l #	54
36) 1,1-Dichloropropene	5.67	75	44531	5.034	ug/l #	49
38) Carbon Tetrachloride	5.67	117	61581	5.918	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	212606	24.302	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	212606	57.031	ug/l #	15

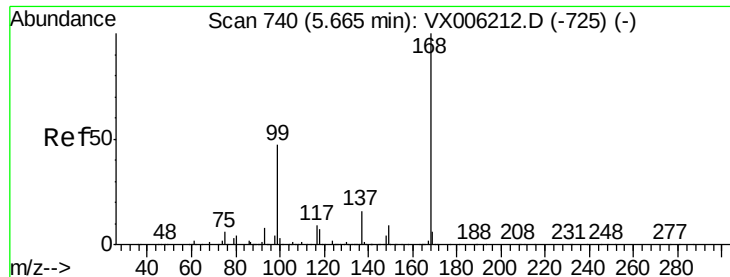
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006530.D

Acq: 14 Dec 2018 20:58

Instrument :

MSVOA_X

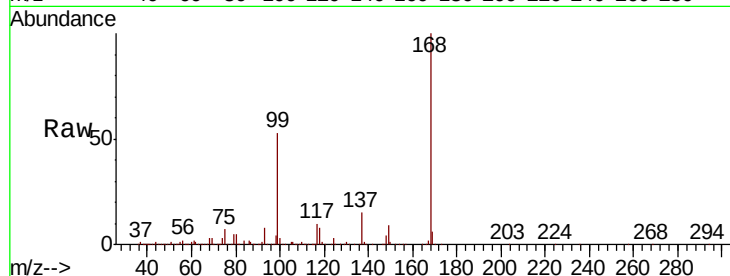
ClientSampled :

Tot Ion:168 Resp: 653844

Ion Ratio Lower Upper

168 100

99 52.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

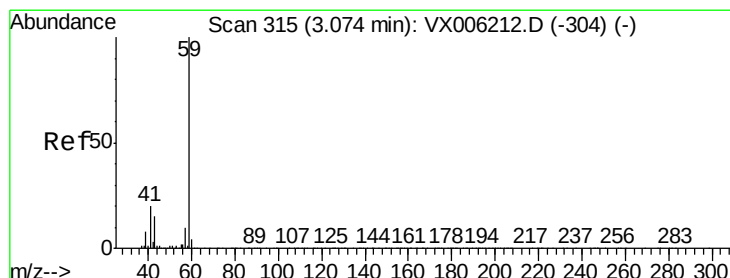
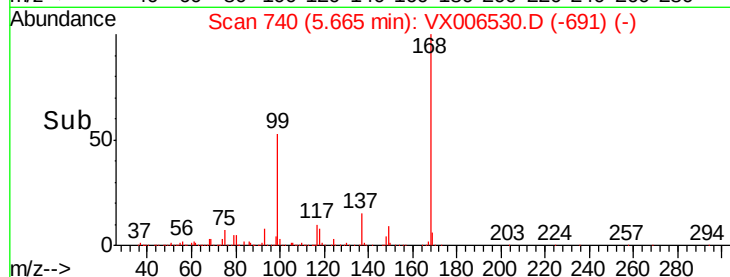
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 0.284 ug/l

RT: 3.07 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX006530.D

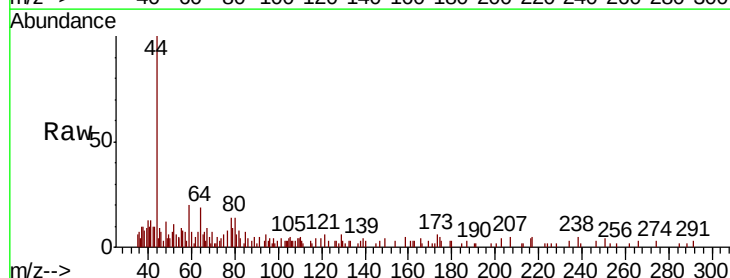
Acq: 14 Dec 2018 20:58

Tgt Ion: 59 Resp: 518

Ion Ratio Lower Upper

59 100

57 17.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1000

800

600

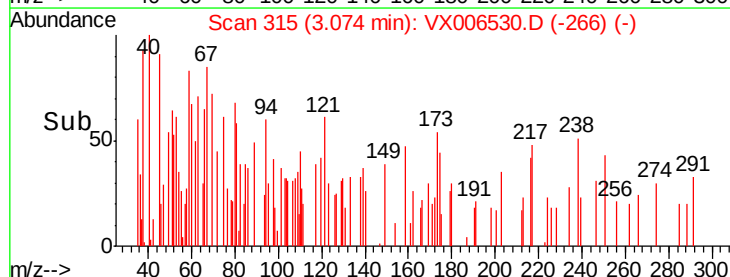
400

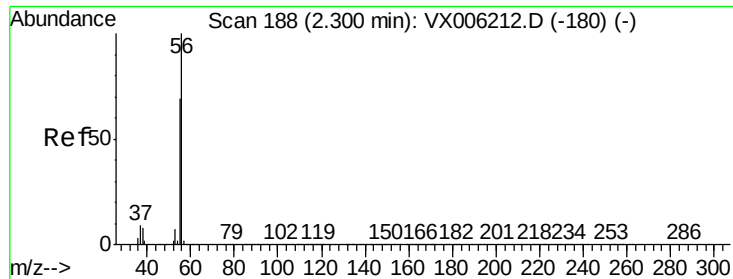
200

0

3.06 3.08 3.10 3.12

Time-->





#13

Acrolein

Concen: 0.977 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX006530.D

Acq: 14 Dec 2018 20:58

Instrument :

MSVOA_X

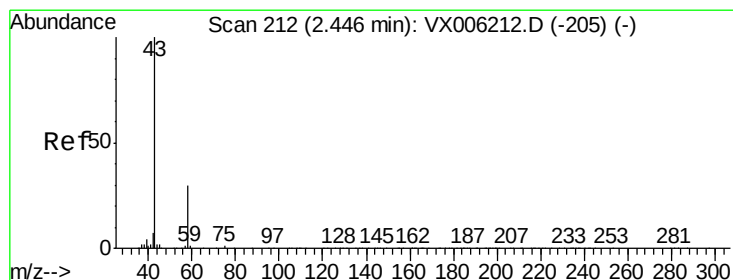
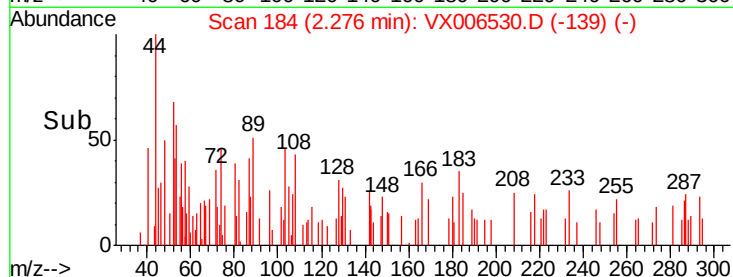
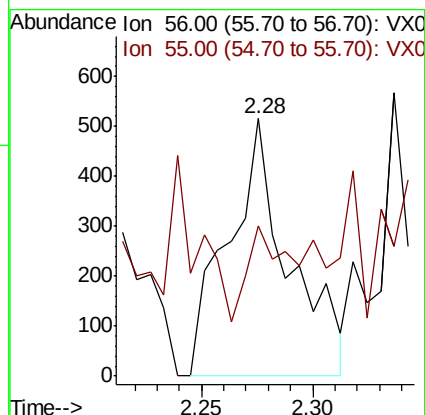
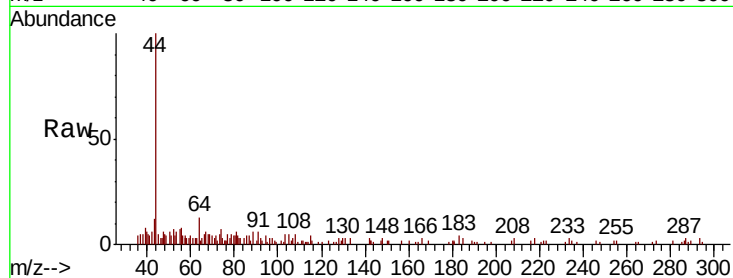
ClientSampled :

Tot Ion: 56 Resp: 975

Ion Ratio Lower Upper

56 100

55 24.8 57.8 86.6#



#16

Acetone

Concen: 1.698 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006530.D

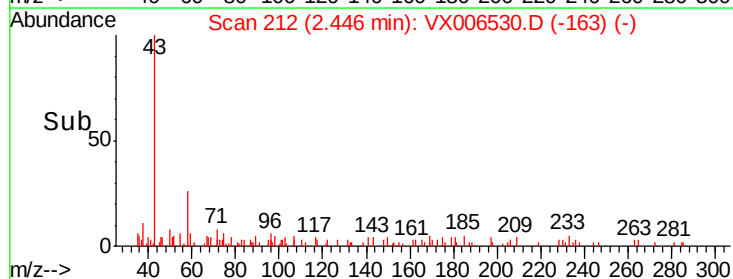
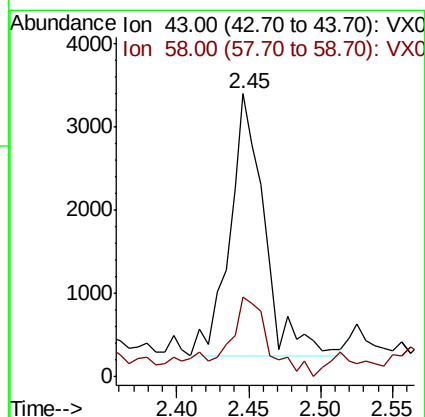
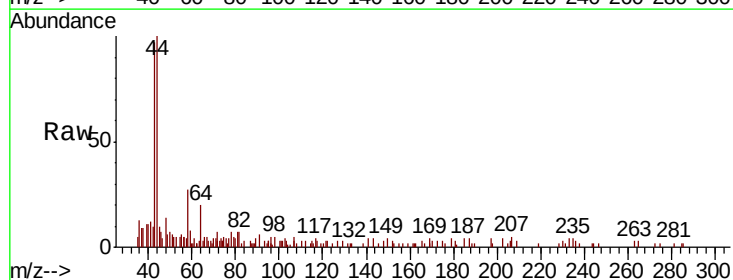
Acq: 14 Dec 2018 20:58

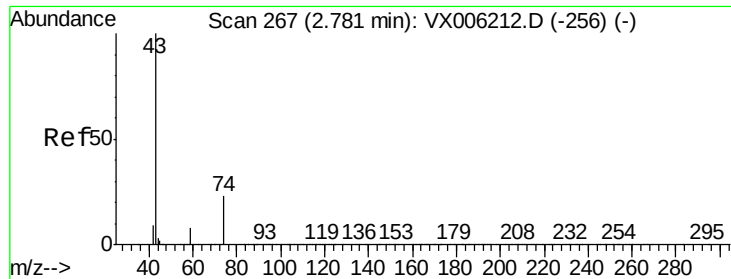
Tgt Ion: 43 Resp: 5319

Ion Ratio Lower Upper

43 100

58 23.4 24.0 36.0#

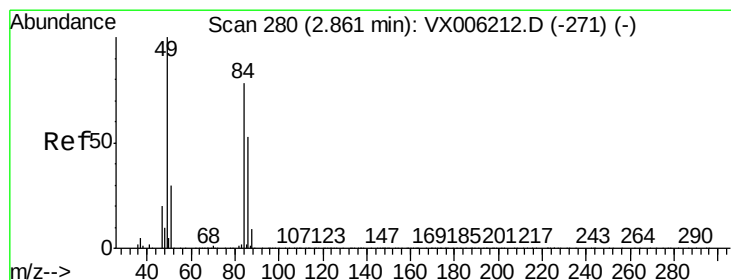
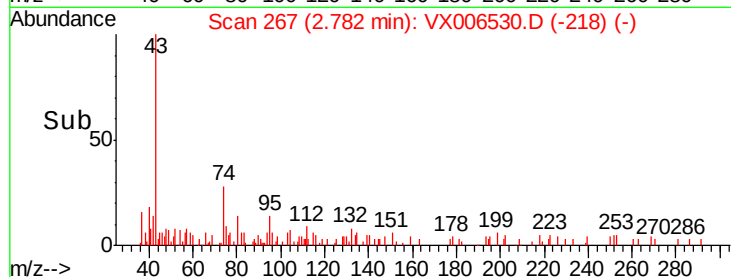
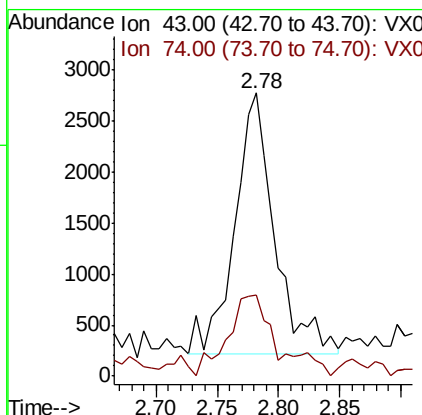
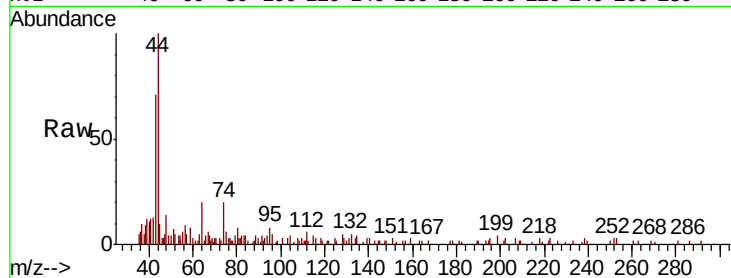




#18
Methyl Acetate
Concen: 0.555 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006530.D
Acq: 14 Dec 2018 20:58

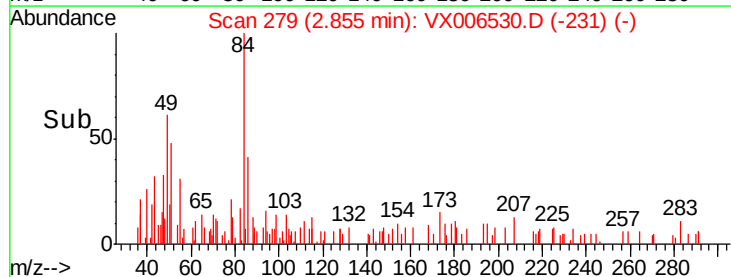
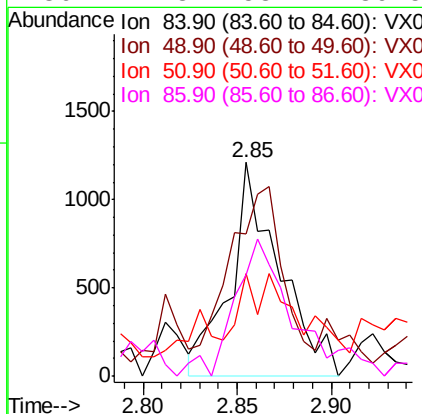
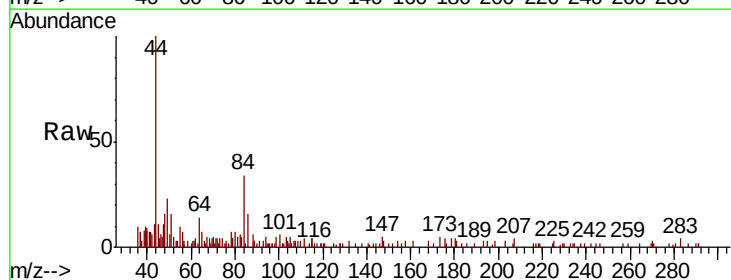
Instrument :
MSVOA_X
ClientSampled :

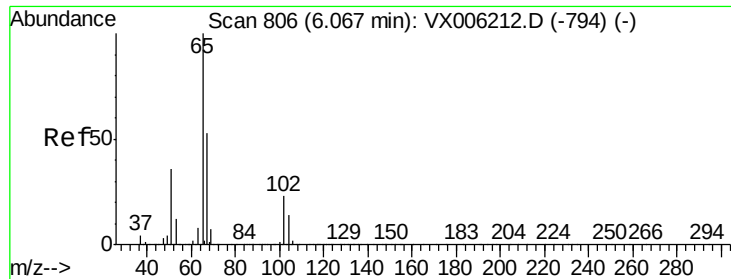
Tot Ion: 43 Resp: 5817
Ion Ratio Lower Upper
43 100
74 33.6 17.9 26.9#



#20
Methylene Chloride
Concen: 0.330 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006530.D
Acq: 14 Dec 2018 20:58

Tgt Ion: 84 Resp: 2198
Ion Ratio Lower Upper
84 100
49 53.9 102.2 153.4#
51 31.8 31.1 46.7
86 41.3 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 53.926 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006530.D

Acq: 14 Dec 2018 20:58

Instrument :

MSVOA_X

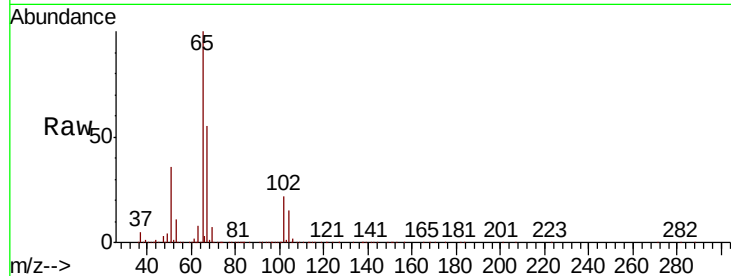
ClientSampleId :

Tot Ion: 65 Resp: 359943

Ion Ratio Lower Upper

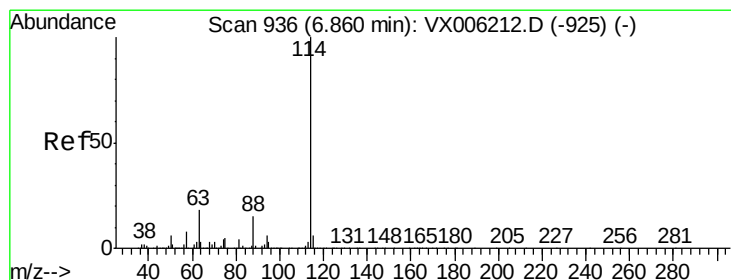
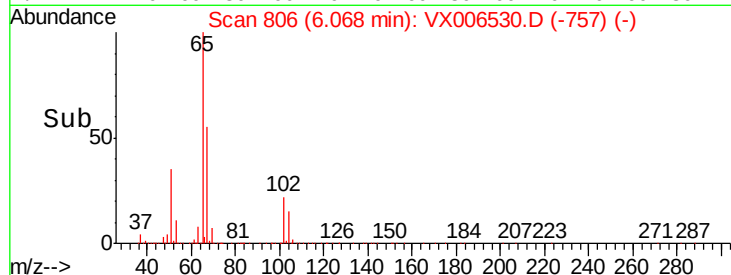
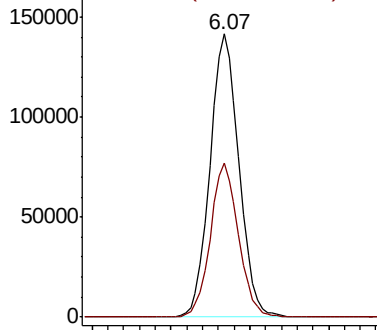
65 100

67 52.9 0.0 107.2



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: VX006530.D

Acq: 14 Dec 2018 20:58

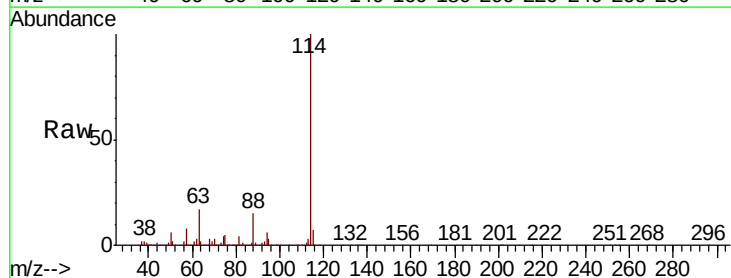
Tgt Ion: 114 Resp: 1050400

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

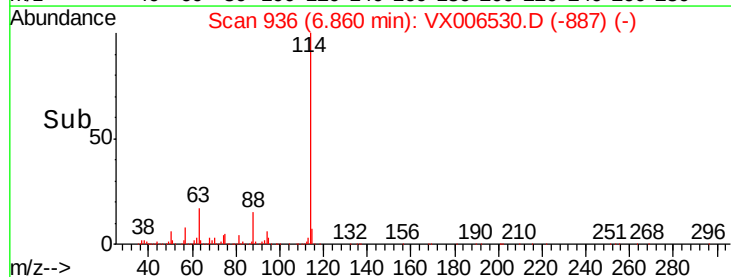
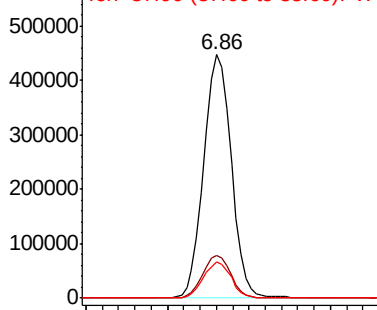
88 14.8 0.0 29.0

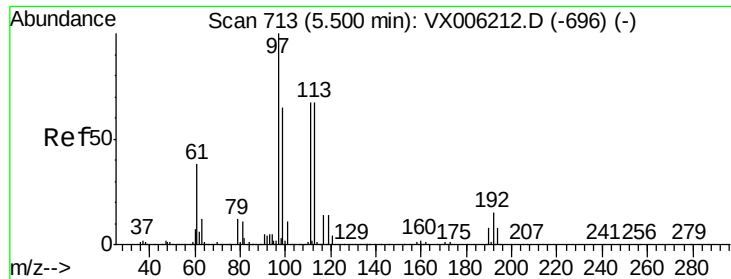


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.811 ug/l

RT: 5.51 min Scan# 714

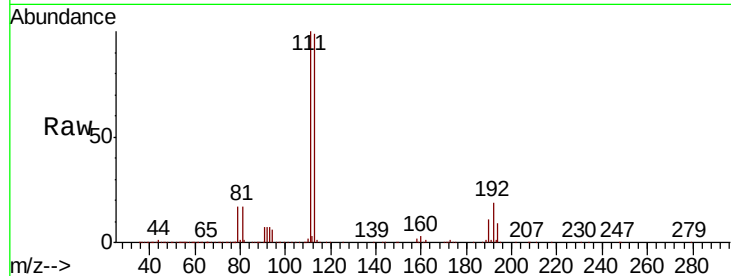
Delta R.T. 0.01 min

Lab File: VX006530.D

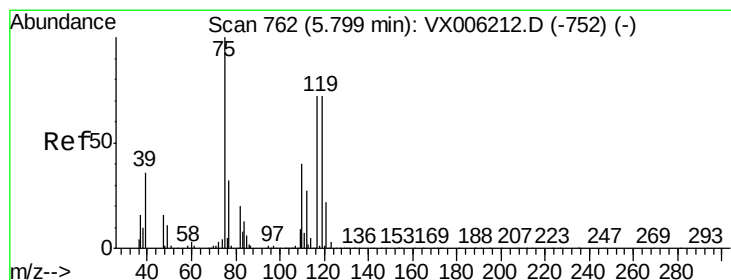
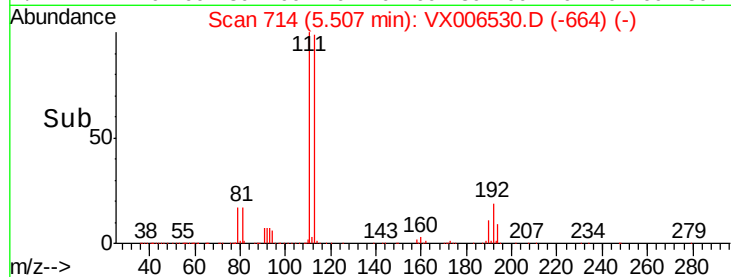
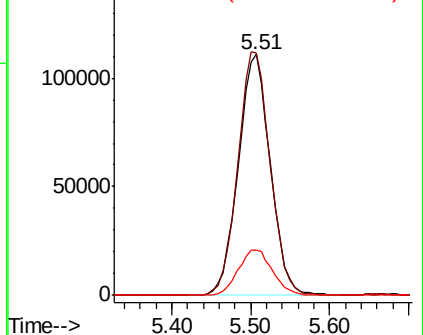
Acq: 14 Dec 2018 20:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	311558
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	20.3	18.2	27.2



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



#36

1,1-Dichloropropene

Concen: 5.034 ug/l

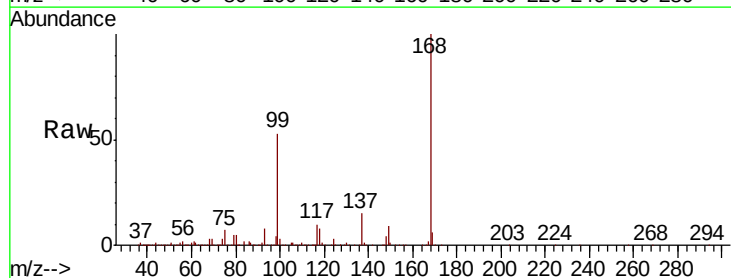
RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

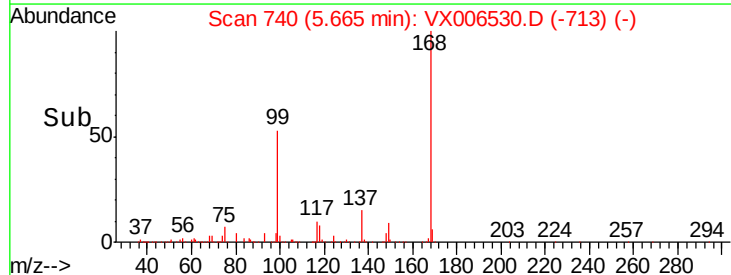
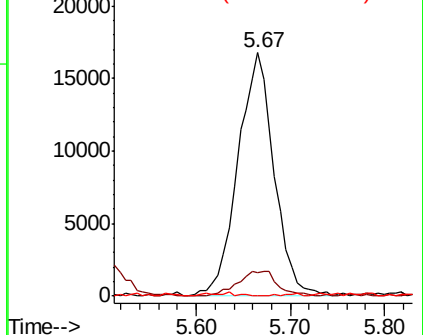
Lab File: VX006530.D

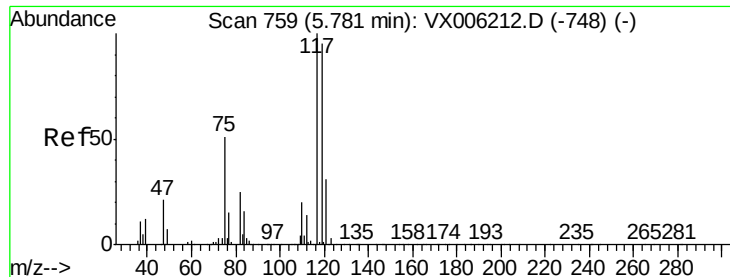
Acq: 14 Dec 2018 20:58

Tgt Ion:	75	Resp:	44531
Ion	Ratio	Lower	Upper
75	100		
110	11.4	20.4	61.3#
77	0.0	24.9	37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006530.D

Acq: 14 Dec 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

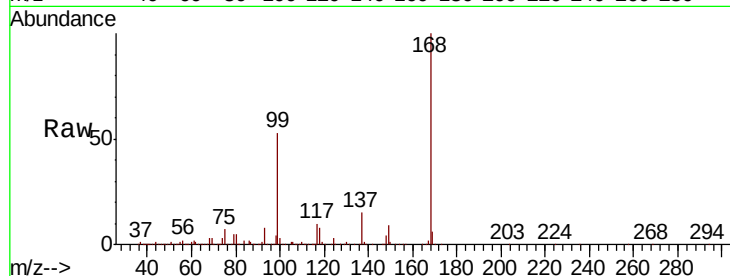
Tot Ion:117 Resp: 61581

Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.8#

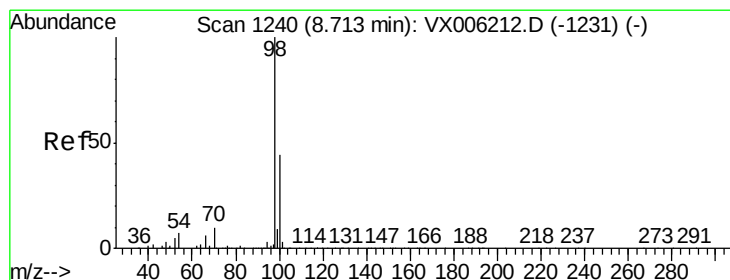
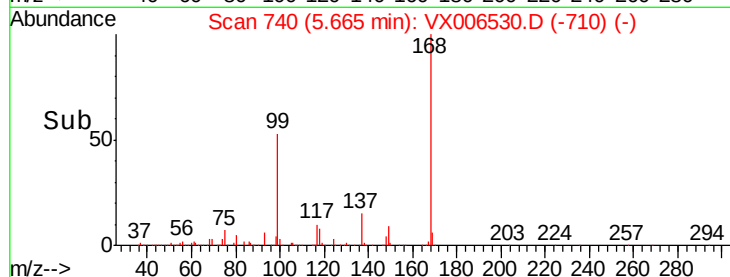
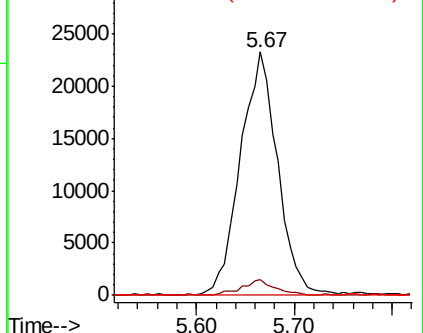
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.311 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006530.D

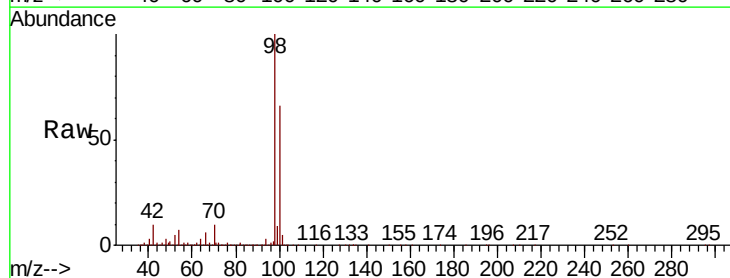
Acq: 14 Dec 2018 20:58

Tgt Ion: 98 Resp: 1244594

Ion Ratio Lower Upper

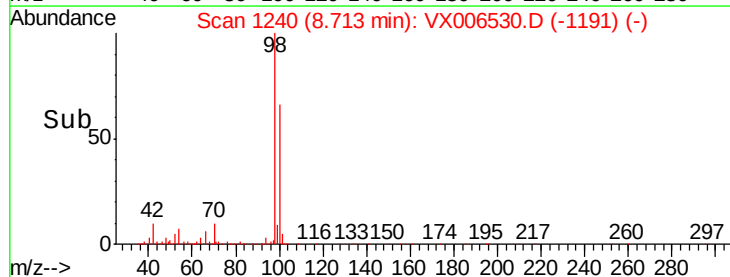
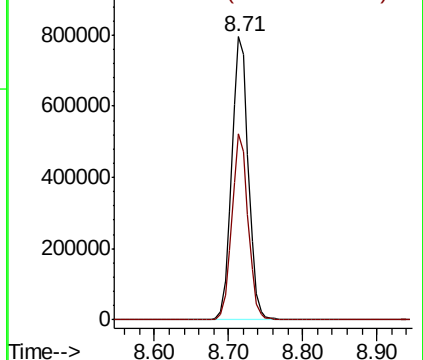
98 100

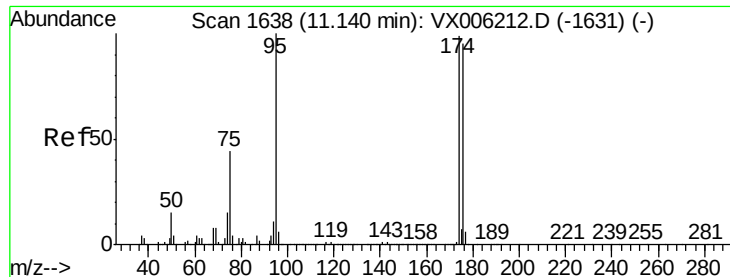
100 64.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.816 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006530.D

Acq: 14 Dec 2018 20:58

Instrument :

MSVOA_X

ClientSampleId :

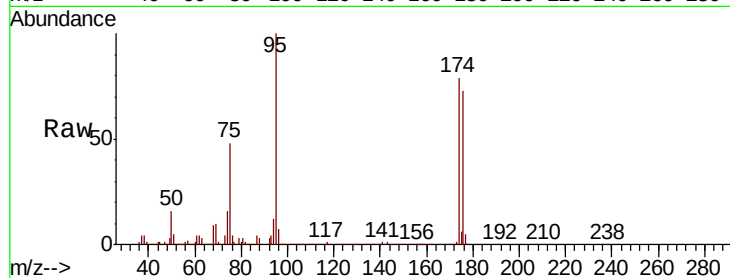
Tot Ion: 95 Resp: 455062

Ion Ratio Lower Upper

95 100

174 84.8 0.0 187.0

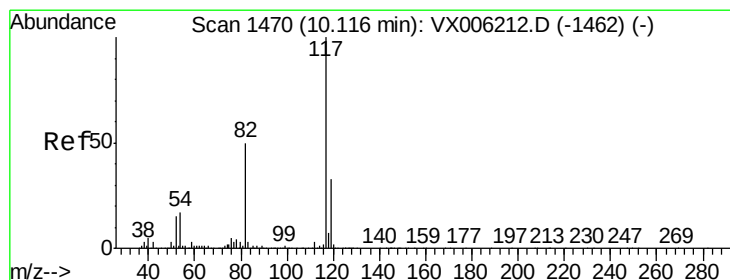
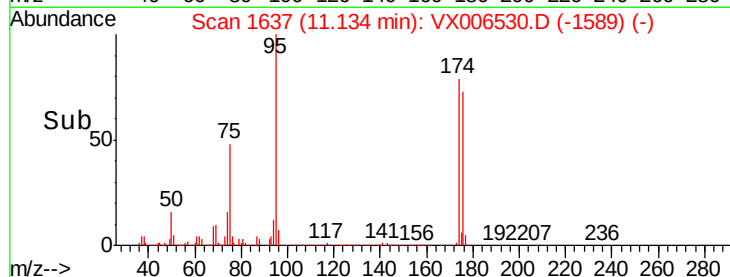
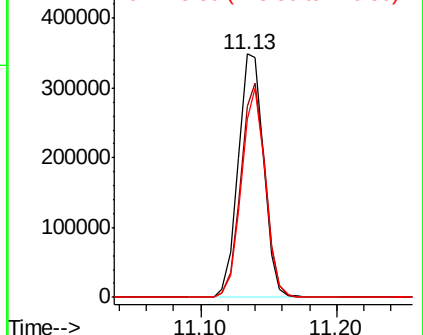
176 80.9 0.0 181.8



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: VX006530.D

Acq: 14 Dec 2018 20:58

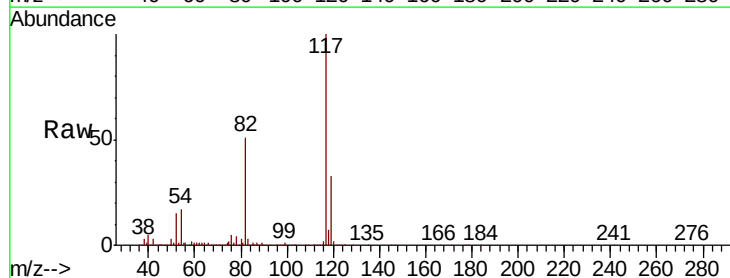
Tgt Ion: 117 Resp: 947222

Ion Ratio Lower Upper

117 100

82 51.4 39.6 59.4

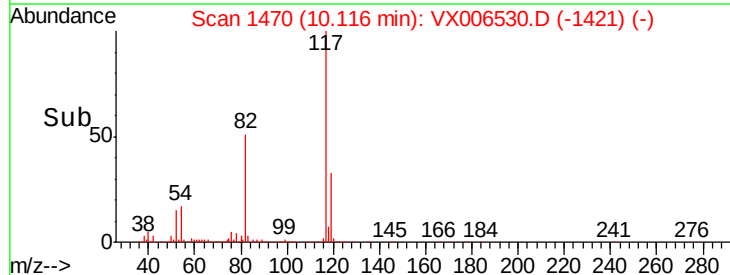
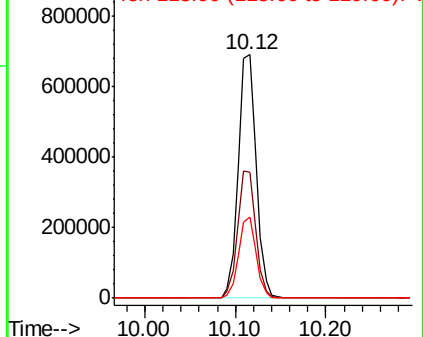
119 33.1 26.3 39.5

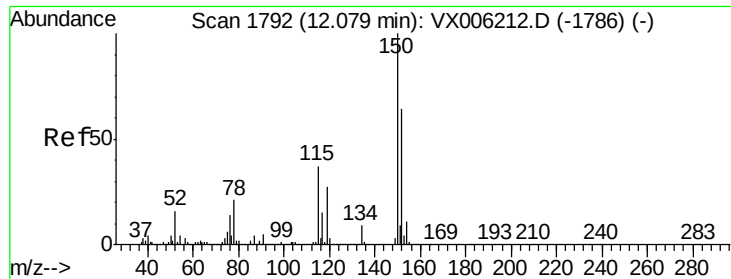


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



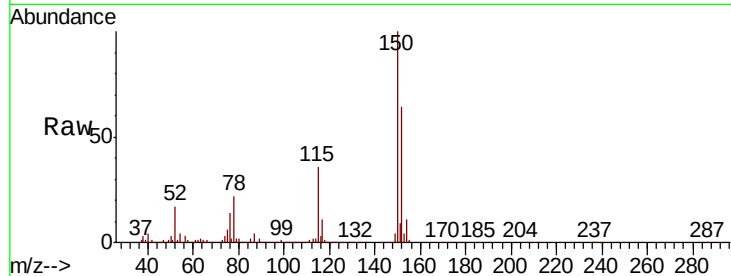


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006530.D
Acq: 14 Dec 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.0	116.9
150	156.4	0.0	345.8

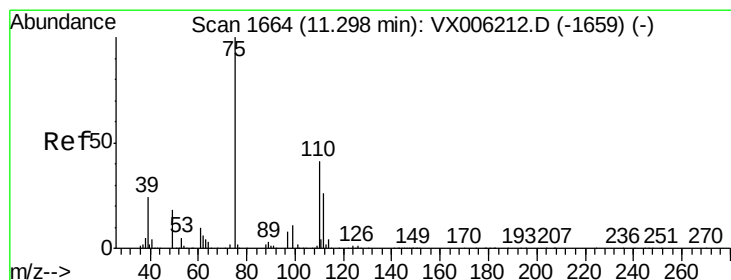
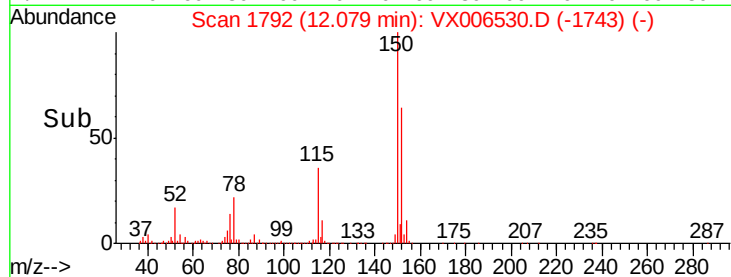
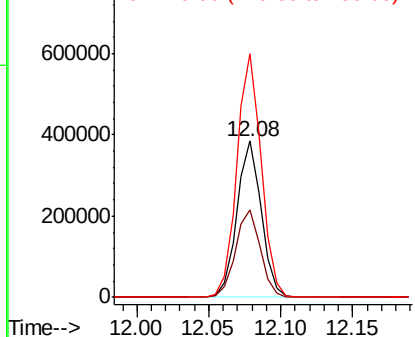


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

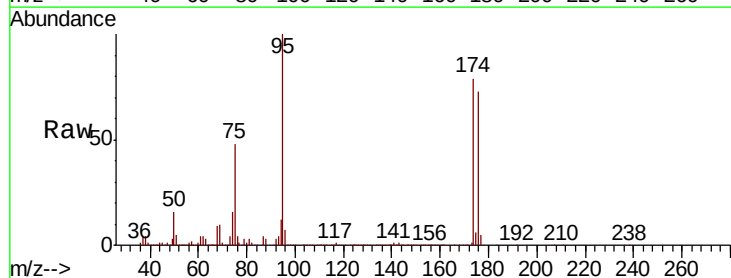
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 24.302 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006530.D
Acq: 14 Dec 2018 20:58

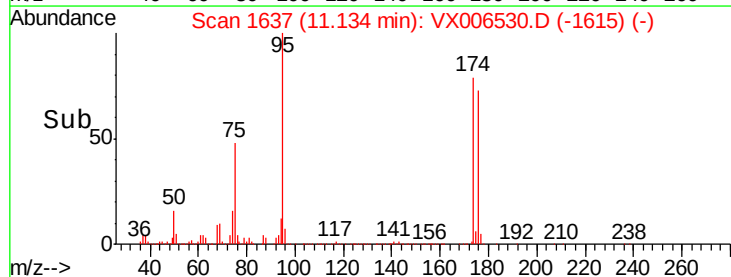
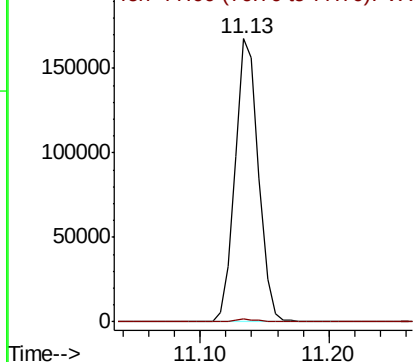
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.9	59.7#

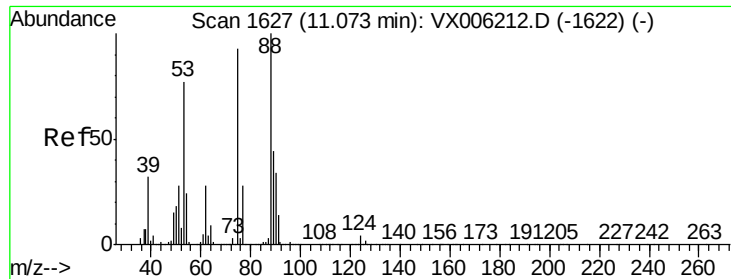


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81
trans-1,4-Dichloro-2-butene
Concen: 57.031 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006530.D
Acq: 14 Dec 2018 20:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 212606
Ion Ratio Lower Upper
75 100
53 0.2 64.4 96.6#
89 0.1 44.2 66.4#

