

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006526.D
 Acq On : 14 Dec 2018 19:11
 Operator : JC/MD
 Sample : J6396-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:38:06 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	659862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1058668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	966704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	468050	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	364053	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
35) Dibromofluoromethane	5.51	113	315139	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
50) Toluene-d8	8.71	98	1243774	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	459833	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	

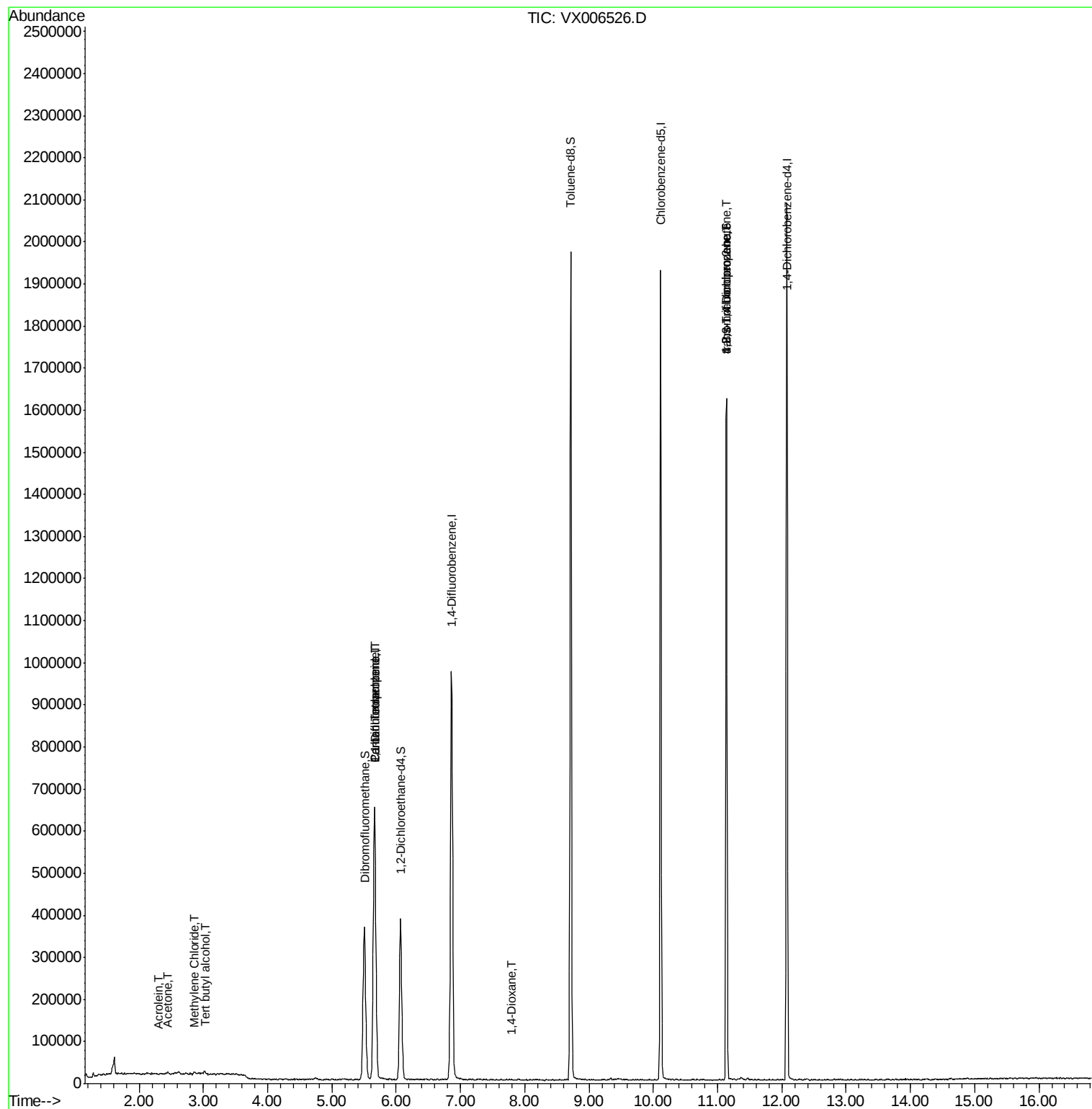
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	4637	2.517	ug/l #	88
13) Acrolein	2.29	56	531	0.527	ug/l #	13
16) Acetone	2.45	43	5113	1.617	ug/l	98
20) Methylene Chloride	2.85	84	2867	0.426	ug/l #	64
36) 1,1-Dichloropropene	5.67	75	44316	4.971	ug/l #	48
38) Carbon Tetrachloride	5.66	117	64998	6.197	ug/l #	16
49) 1,4-Dioxane	7.80	88	96	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	212758	23.550	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	212758	55.266	ug/l #	15

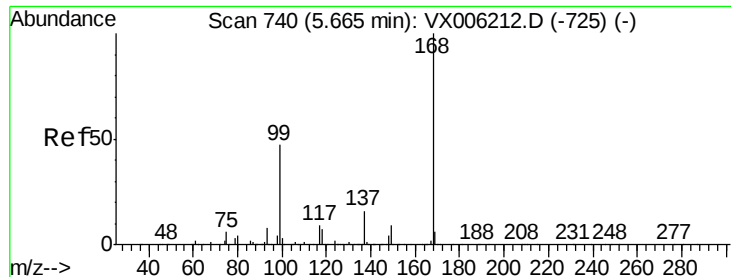
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

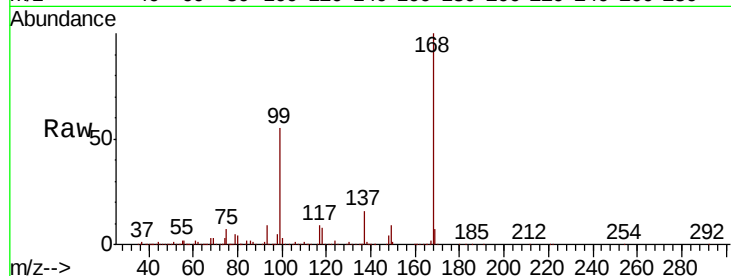
ClientSampleId :

Tot Ion:168 Resp: 659862

Ion Ratio Lower Upper

168 100

99 54.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006526.D

Ion 98.90 (98.60 to 99.60): VX006526.D

5.67

250000

200000

150000

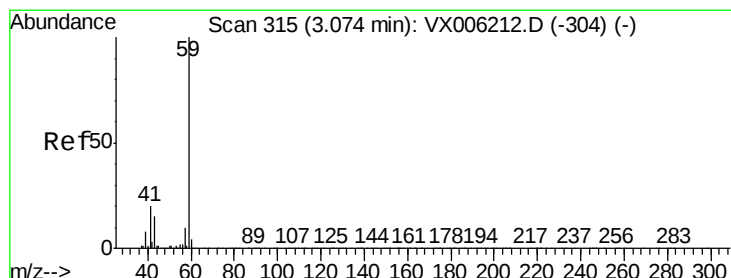
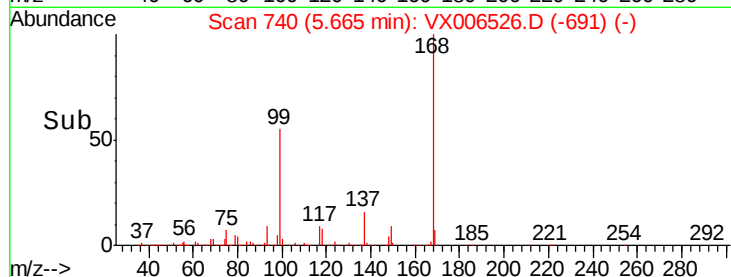
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 2.517 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX006526.D

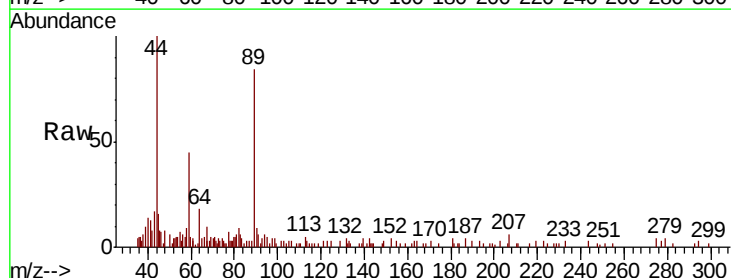
Acq: 14 Dec 2018 19:11

Tgt Ion: 59 Resp: 4637

Ion Ratio Lower Upper

59 100

57 5.7 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006526.D

Ion 57.00 (56.70 to 57.70): VX006526.D

3.03

1500

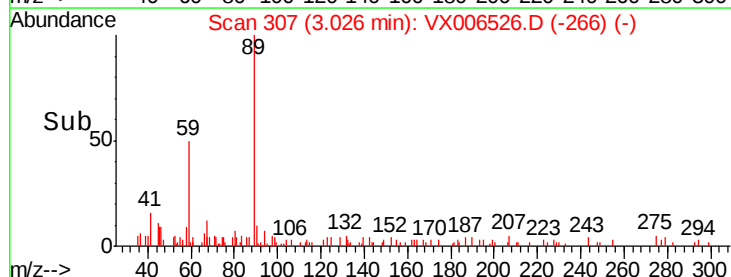
1000

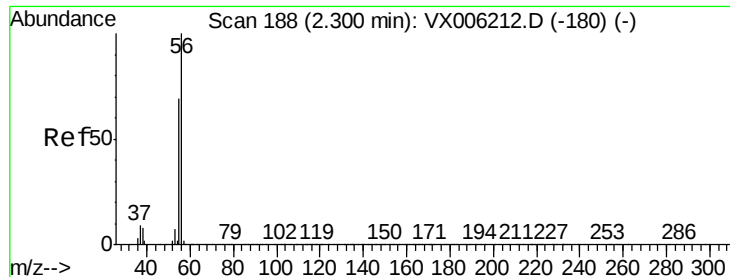
500

0

Time-->

2.90 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 0.527 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

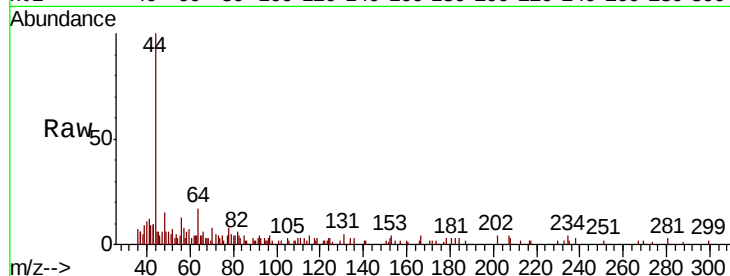
ClientSampled :

Tot Ion: 56 Resp: 531

Ion Ratio Lower Upper

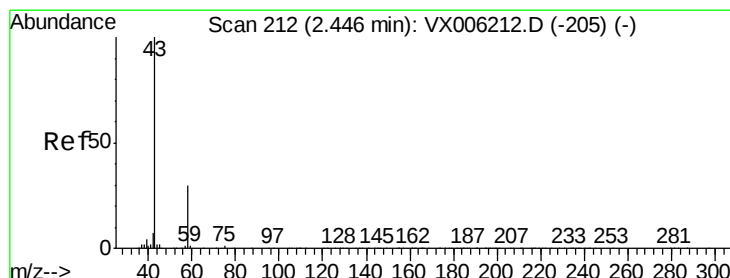
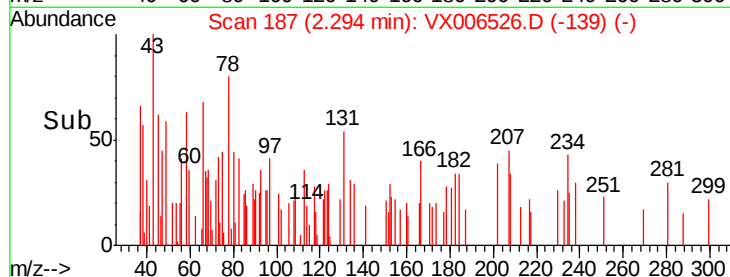
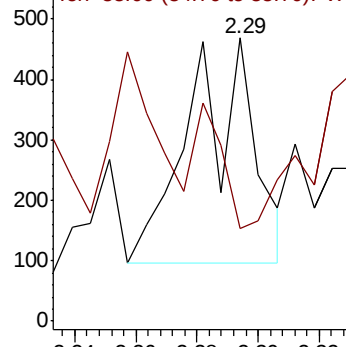
56 100

55 0.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.617 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006526.D

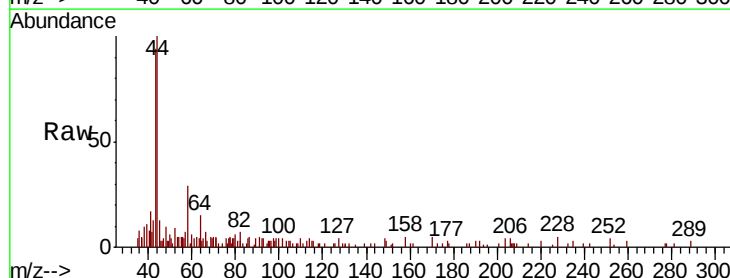
Acq: 14 Dec 2018 19:11

Tgt Ion: 43 Resp: 5113

Ion Ratio Lower Upper

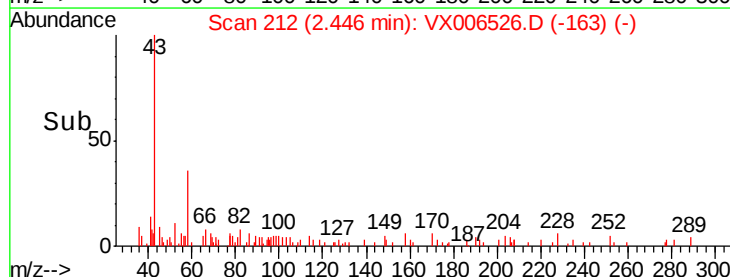
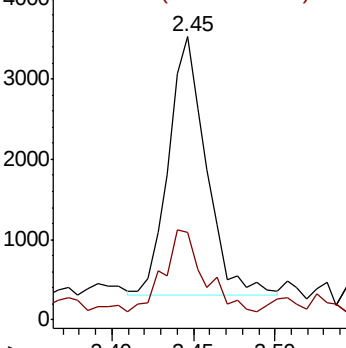
43 100

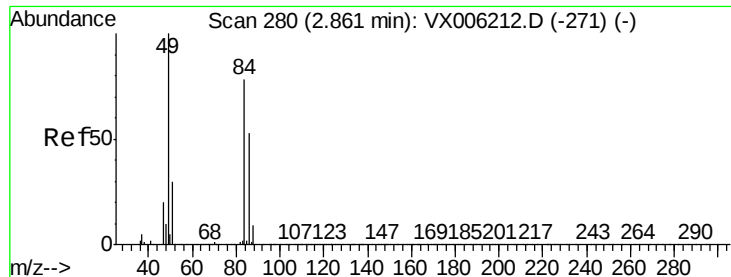
58 31.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

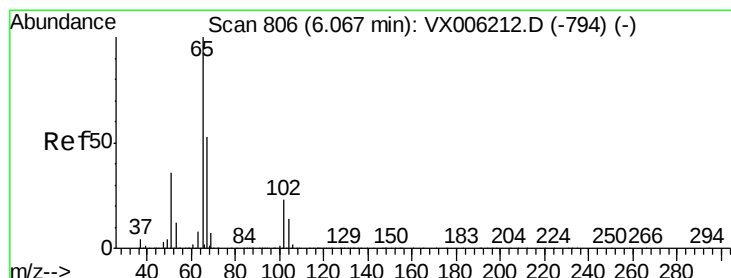
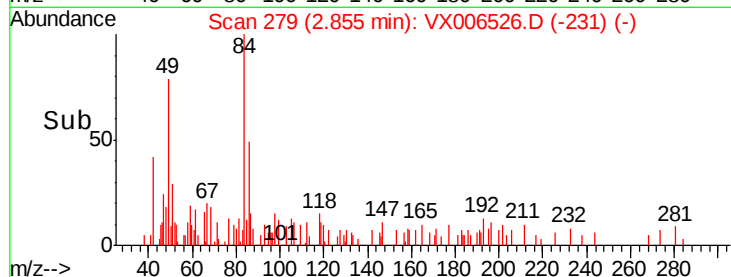
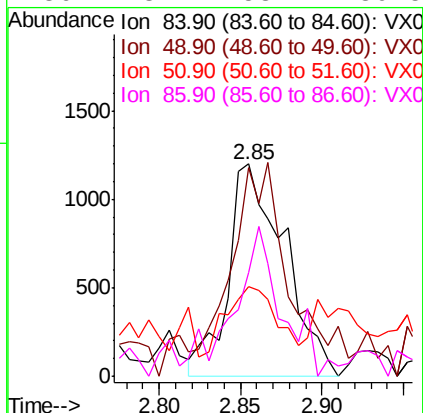
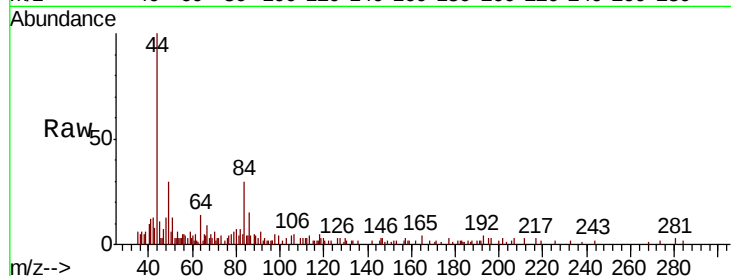




#20
Methvlene Chloride
Concen: 0.426 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

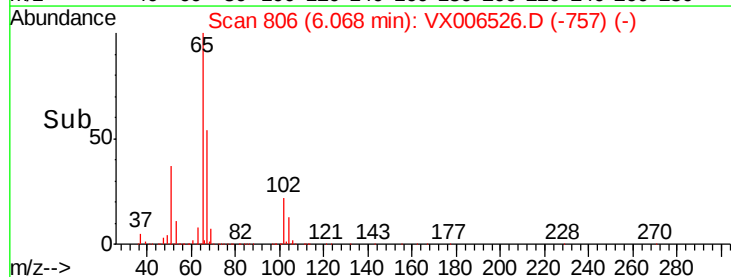
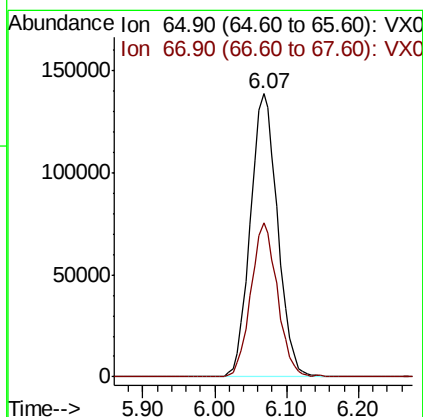
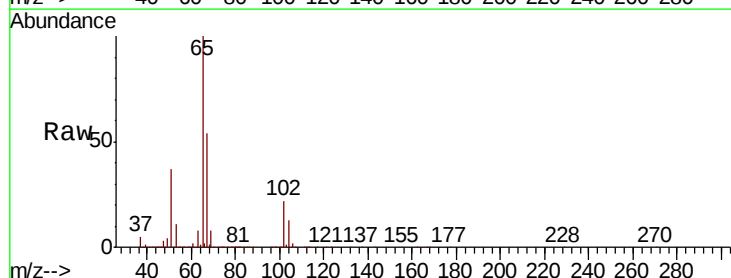
Instrument :
MSVOA_X
ClientSampleId :

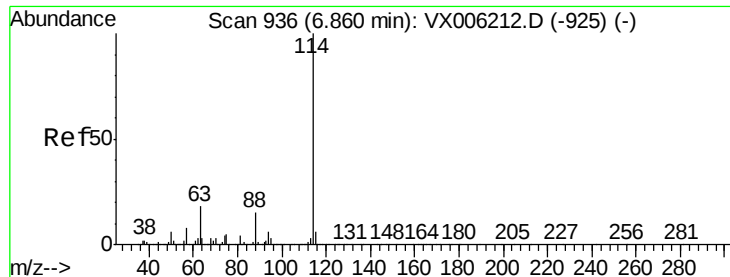
Tot Ion: 84 Resp: 2867
Ion Ratio Lower Upper
84 100
49 86.9 102.2 153.4#
51 10.4 31.1 46.7#
86 43.7 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 54.045 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Tgt Ion: 65 Resp: 364053
Ion Ratio Lower Upper
65 100
67 53.1 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: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

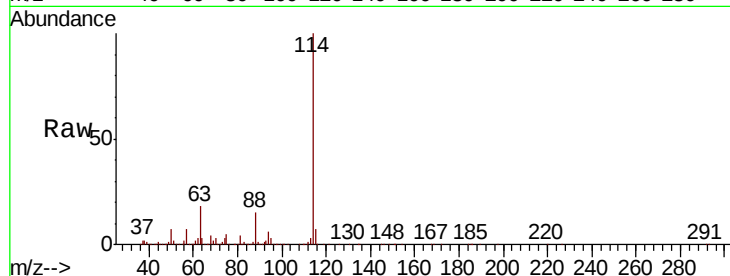
Tot Ion:114 Resp: 1058668

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.6
88	15.4	0.0	29.0

114 100

63 18.3 0.0 36.6

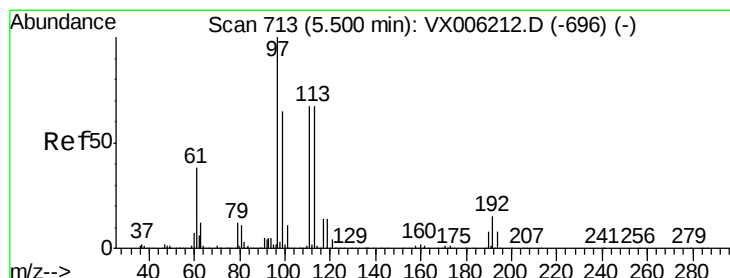
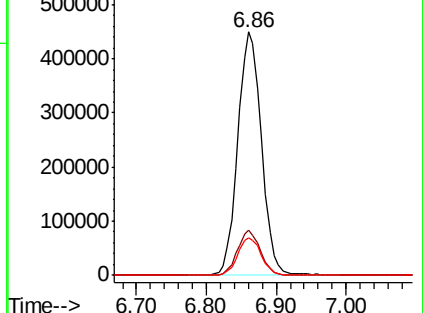
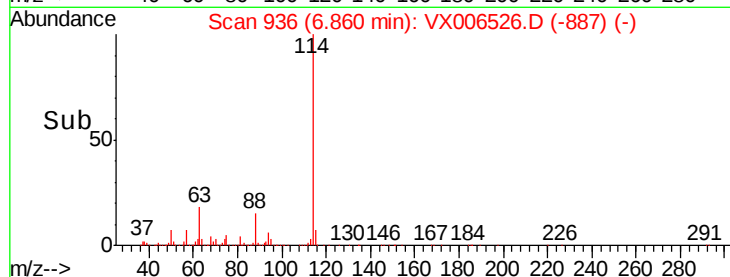
88 15.4 0.0 29.0



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: 45.976 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

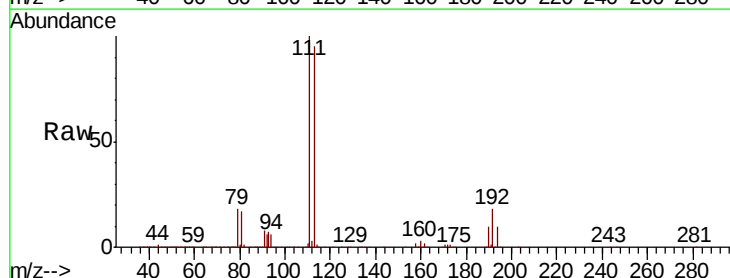
Tgt Ion:113 Resp: 315139

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	19.9	18.2	27.2

113 100

111 102.6 81.1 121.7

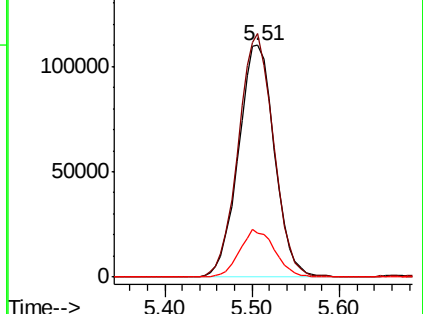
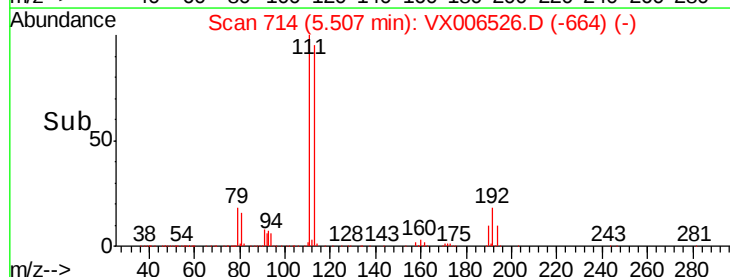
192 19.9 18.2 27.2

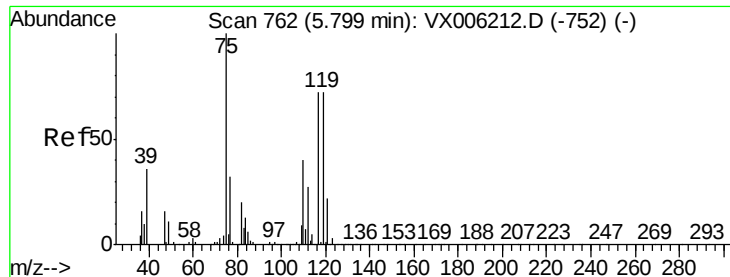


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.971 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

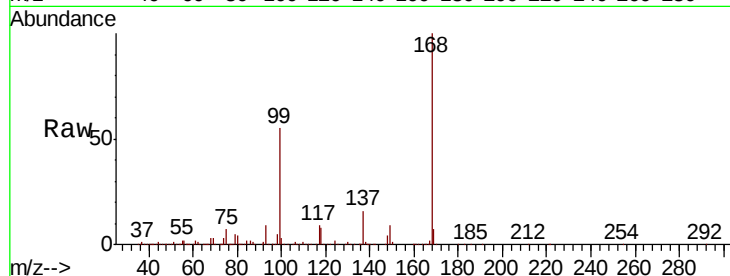
Tot Ion: 75 Resp: 44316

Ion Ratio Lower Upper

75 100

110 9.9 20.4 61.3#

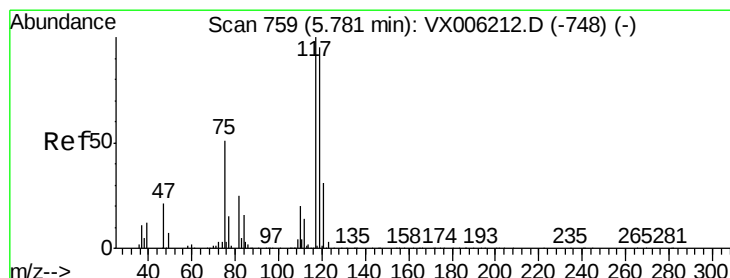
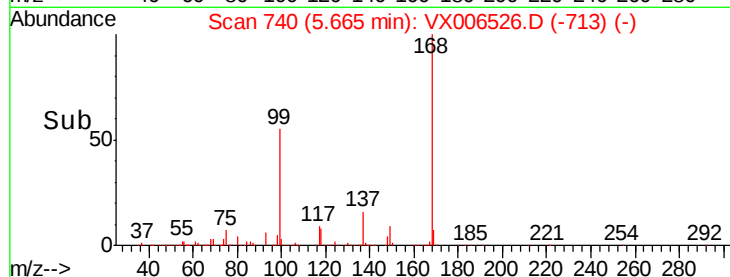
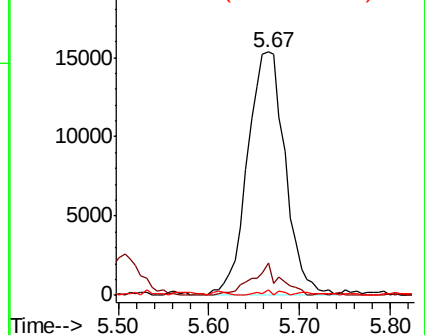
77 0.6 24.9 37.3#



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: 6.197 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

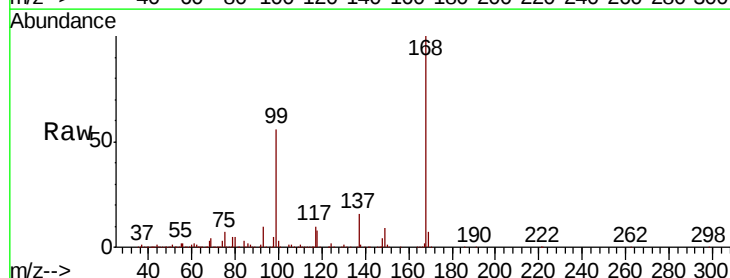
Tgt Ion: 117 Resp: 64998

Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.8#

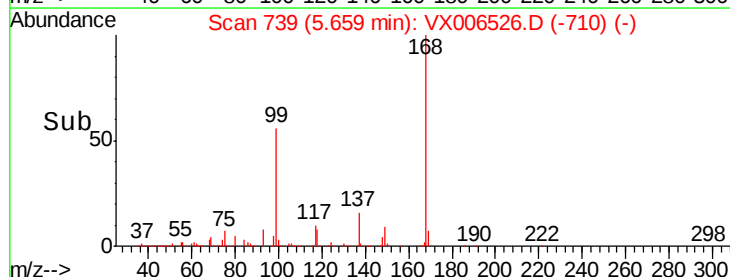
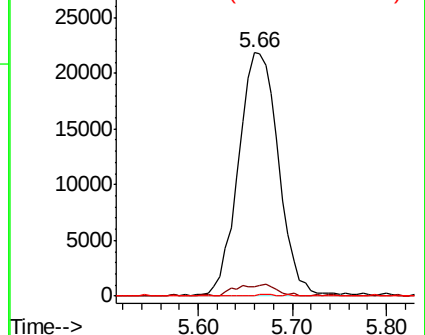
121 0.0 24.6 37.0#

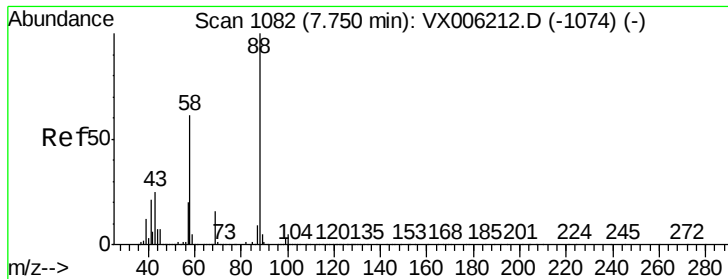


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.481 ug/l

RT: 7.80 min Scan# 1090

Delta R.T. 0.05 min

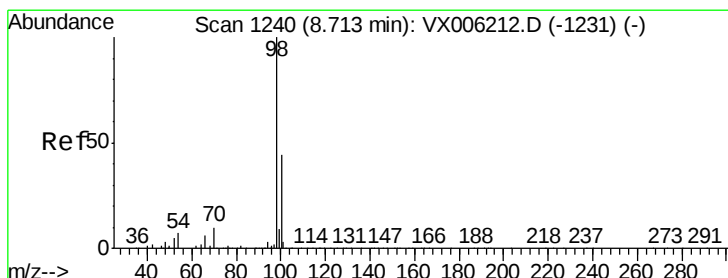
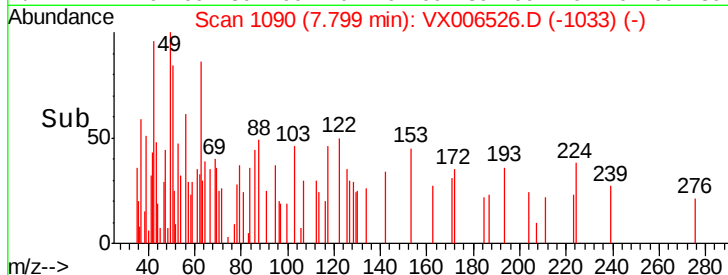
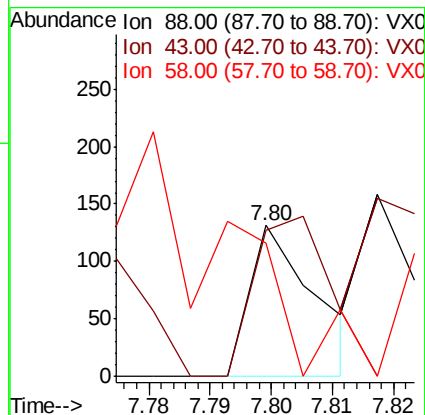
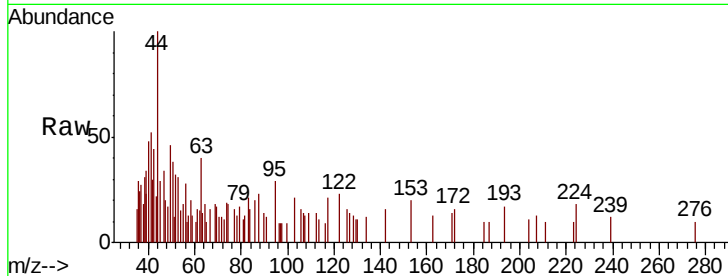
Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 96

Ion	Ratio	Lower	Upper
88	100		
43	122.9	23.2	34.8#
58	0.0	51.4	77.0#



#50

Toluene-d8

Concen: 49.886 ug/l

RT: 8.71 min Scan# 1240

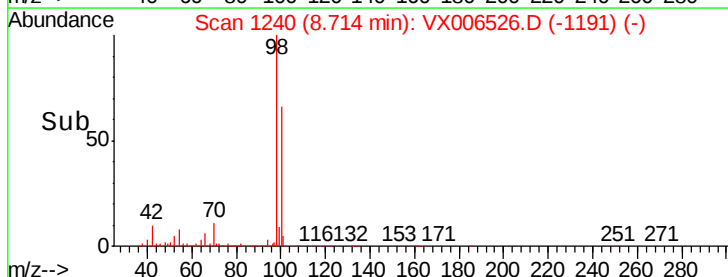
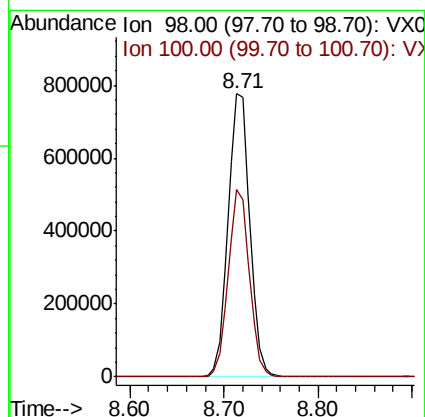
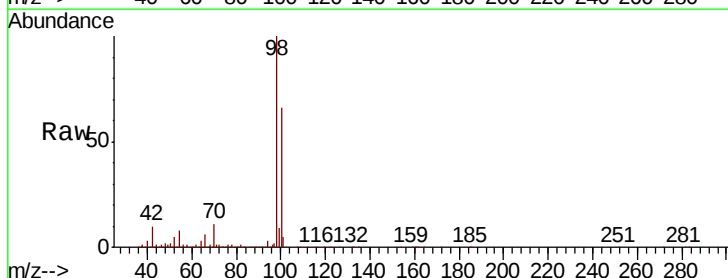
Delta R.T. 0.00 min

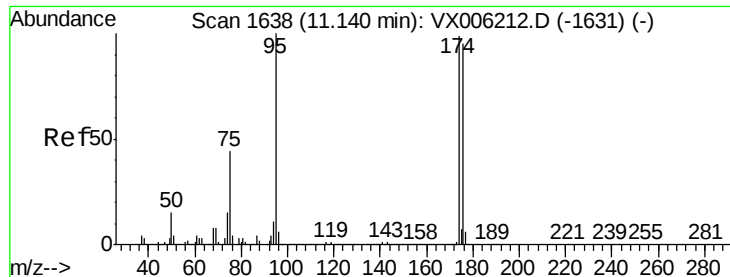
Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Tgt Ion: 98 Resp: 1243774

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 48.943 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006526.D

Acq: 14 Dec 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

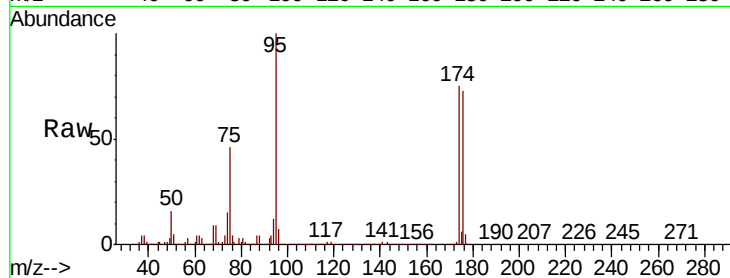
Tot Ion: 95 Resp: 459833

Ion Ratio Lower Upper

95 100

174 83.7 0.0 187.0

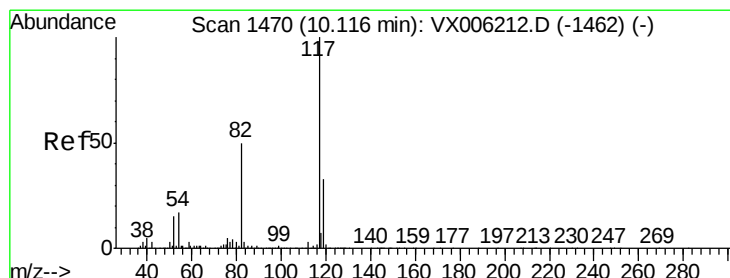
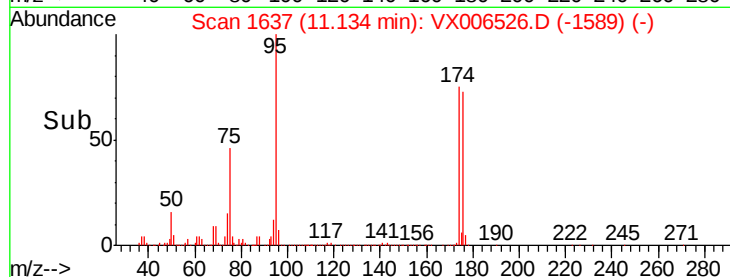
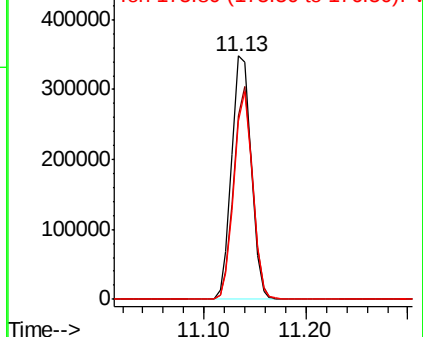
176 80.9 0.0 181.8



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: VX006526.D

Acq: 14 Dec 2018 19:11

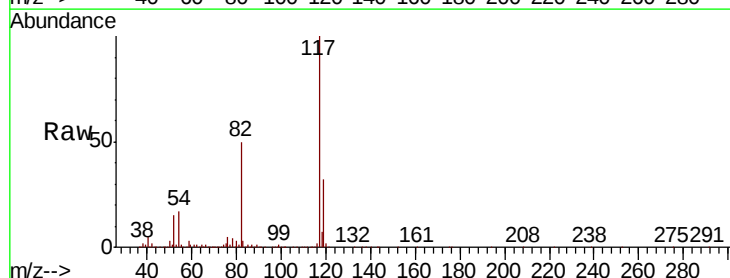
Tgt Ion: 117 Resp: 966704

Ion Ratio Lower Upper

117 100

82 49.9 39.6 59.4

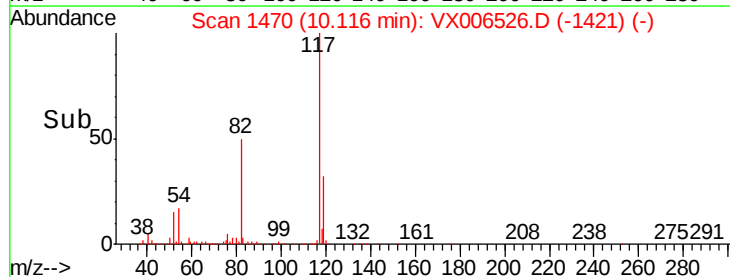
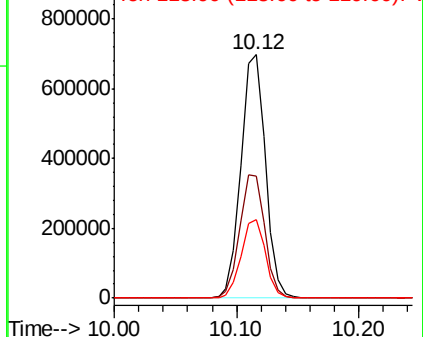
119 32.4 26.3 39.5

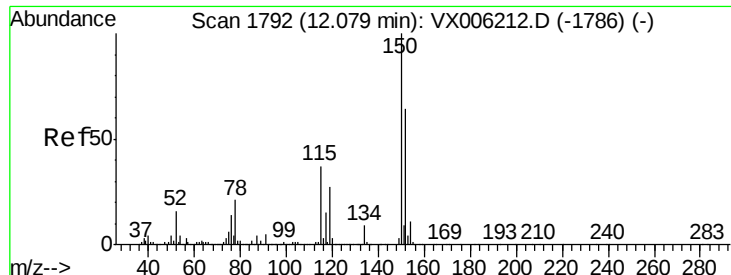


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



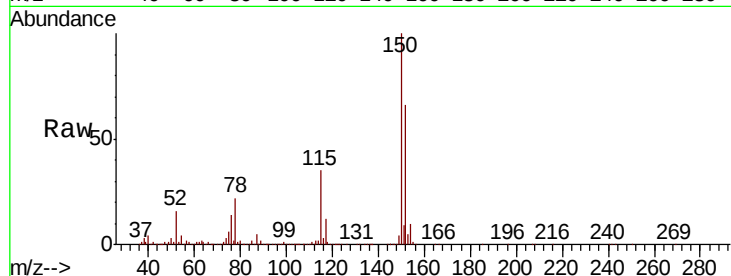


#72

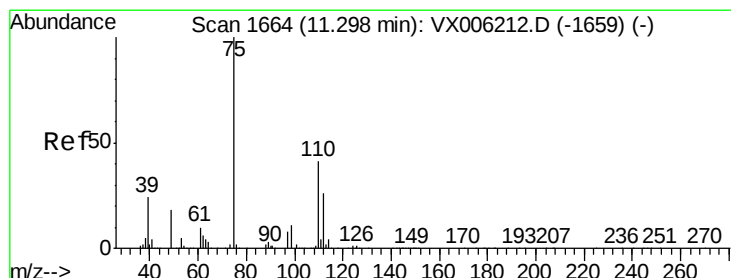
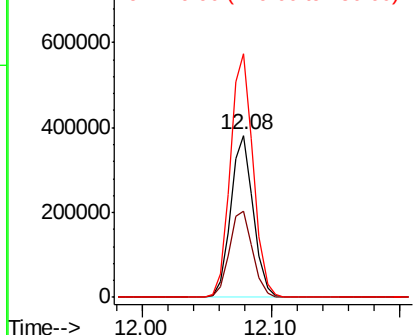
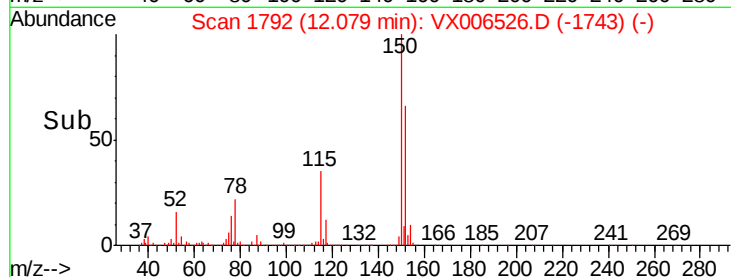
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.0	116.9
150	152.4	0.0	345.8



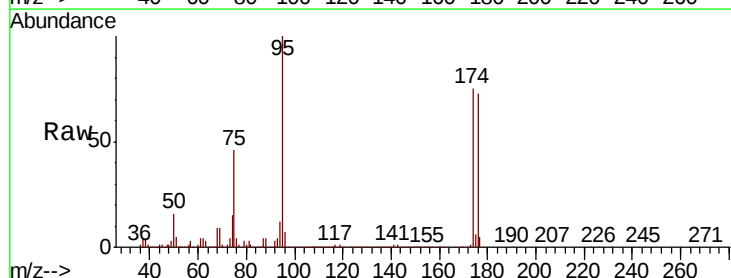
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



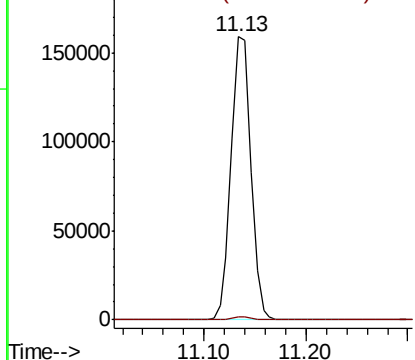
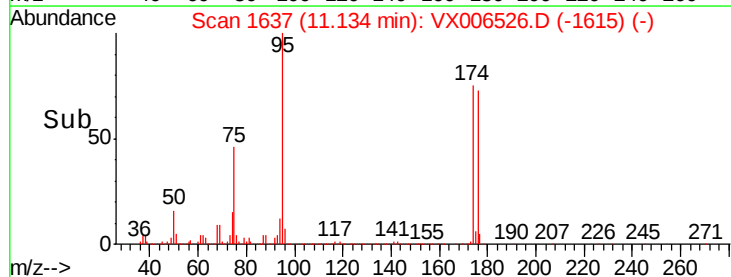
#76

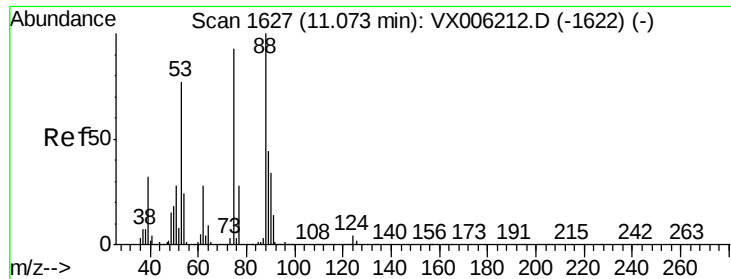
1,2,3-Trichloropropane
Concen: 23.550 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 55.266 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006526.D
Acq: 14 Dec 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 212758
Ion Ratio Lower Upper
75 100
53 0.1 64.4 96.6#
89 0.1 44.2 66.4#

