

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006314.D
 Acq On : 06 Dec 2018 13:25
 Operator : JC/MD
 Sample : J6250-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:29:34 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	814496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1221431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1107148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	542858	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	395859	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	5.50	113	384358	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	1422904	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	528927	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	

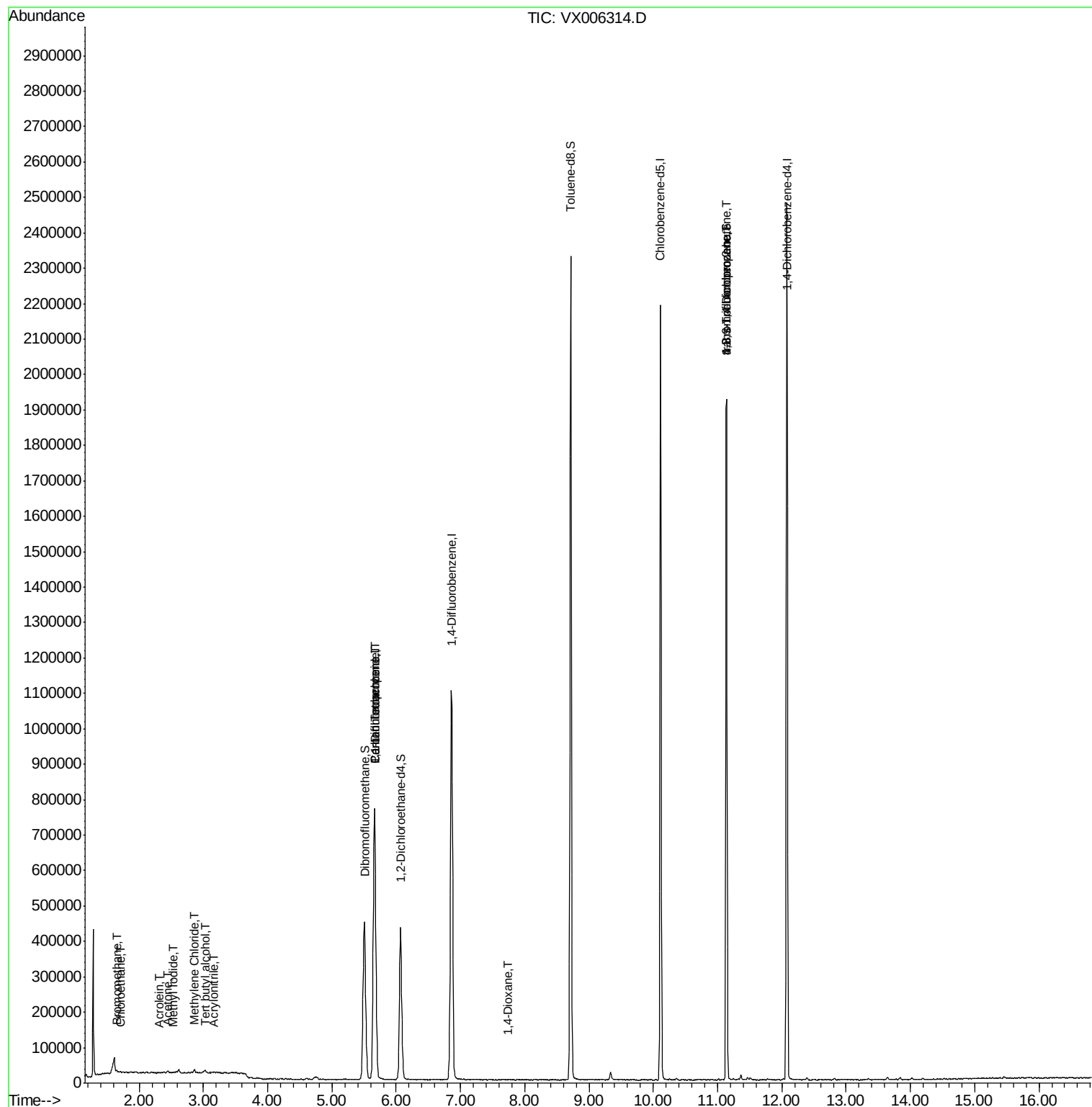
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1852	0.303	ug/l #	57
6) Chloroethane	1.71	64	1785	0.330	ug/l #	42
10) Methyl Iodide	2.52	142	2490	0.215	ug/l #	91
11) Tert butyl alcohol	3.02	59	5903	2.596	ug/l #	80
13) Acrolein	2.31	56	454	0.365	ug/l #	13
15) Acrylonitrile	3.15	53	1672	0.352	ug/l #	77
16) Acetone	2.44	43	6138	1.573	ug/l	90
20) Methylene Chloride	2.87	84	4855	0.585	ug/l	84
36) 1,1-Dichloropropene	5.66	75	49663	4.828	ug/l #	48
38) Carbon Tetrachloride	5.67	117	72689	6.007	ug/l #	15
49) 1,4-Dioxane	7.74	88	87	0.378	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	240560	22.958	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	240560	53.877	ug/l #	15

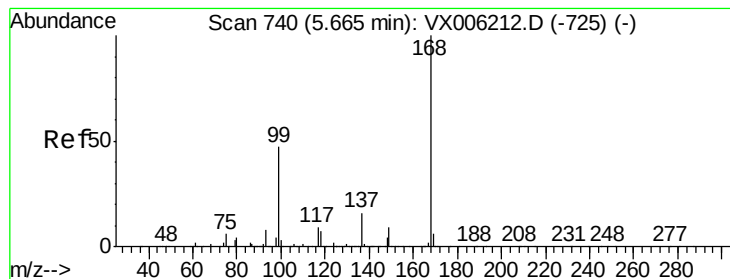
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
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Quant 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: VX006314.D

Acq: 06 Dec 2018 13:25

Instrument :

MSVOA_X

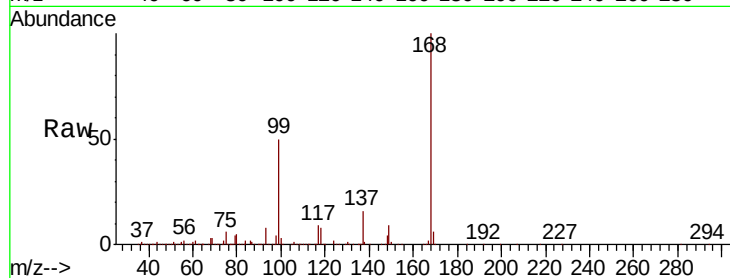
ClientSampleId :

Tot Ion:168 Resp: 814496

Ion Ratio Lower Upper

168 100

99 49.8 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

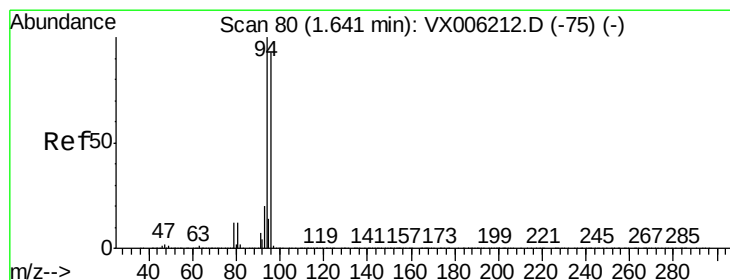
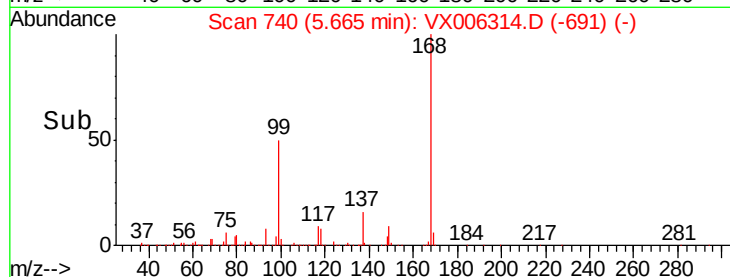
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.303 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006314.D

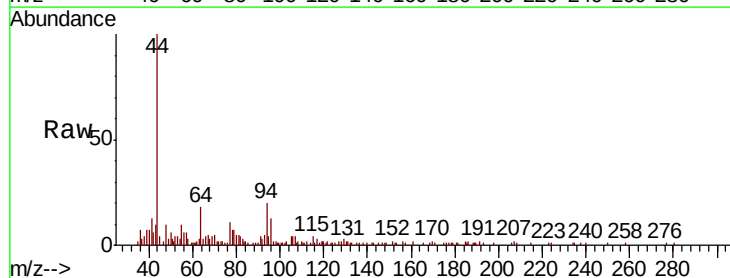
Acq: 06 Dec 2018 13:25

Tgt Ion: 94 Resp: 1852

Ion Ratio Lower Upper

94 100

96 51.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

1500

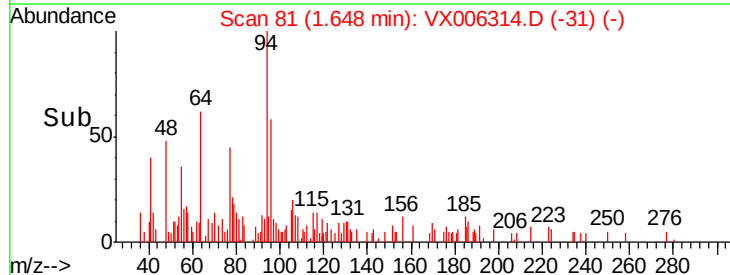
1000

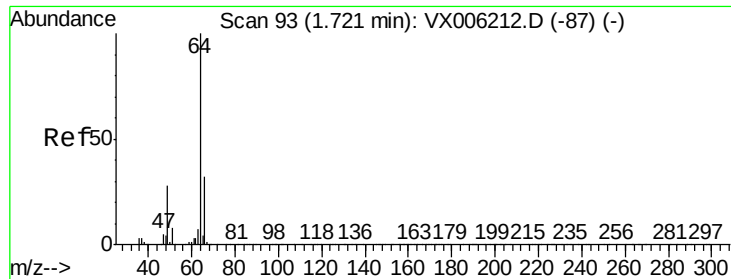
500

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: 0.330 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006314.D

Acq: 06 Dec 2018 13:25

Instrument :

MSVOA_X

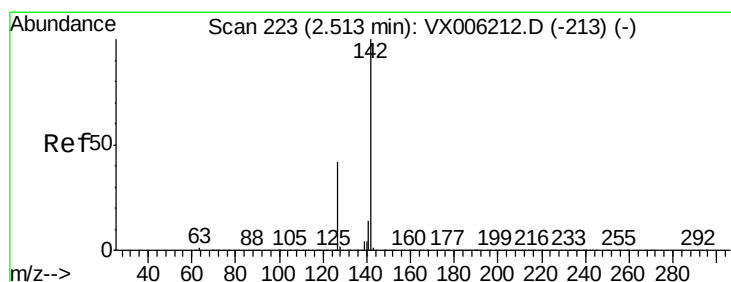
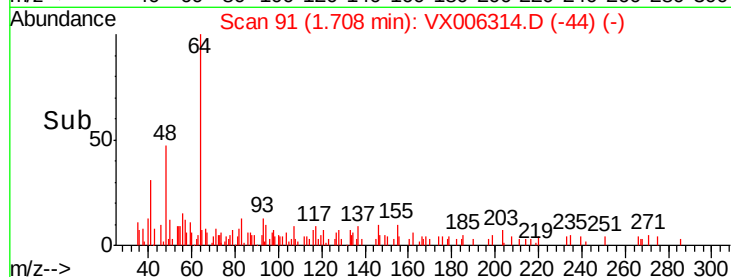
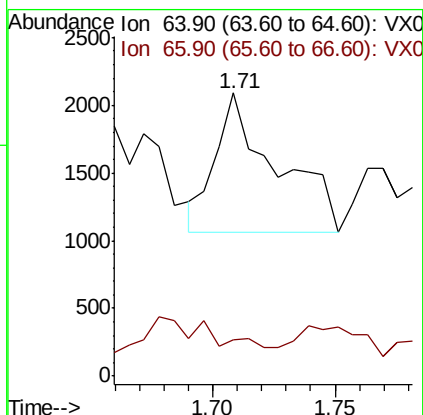
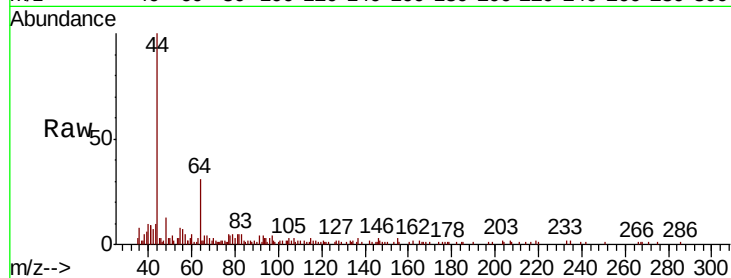
ClientSampleId :

Tot Ion: 64 Resp: 1785

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



#10

Methyl Iodide

Concen: 0.215 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX006314.D

Acq: 06 Dec 2018 13:25

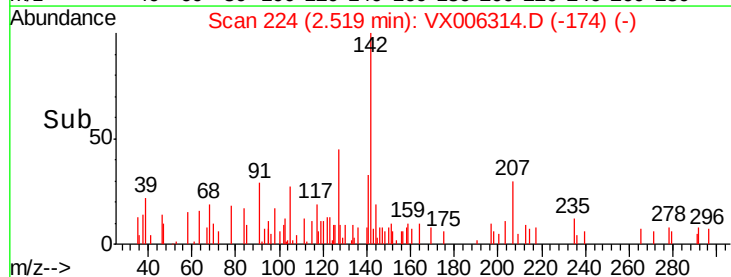
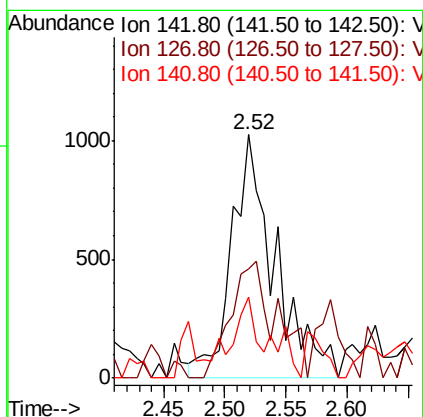
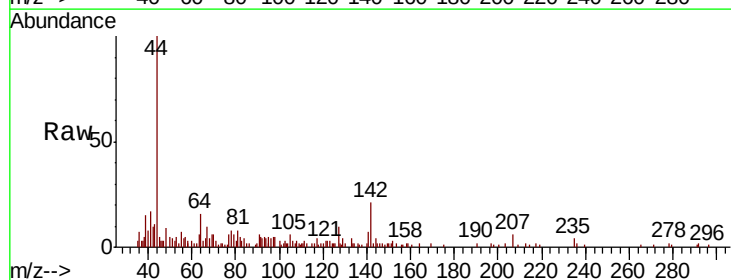
Tgt Ion: 142 Resp: 2490

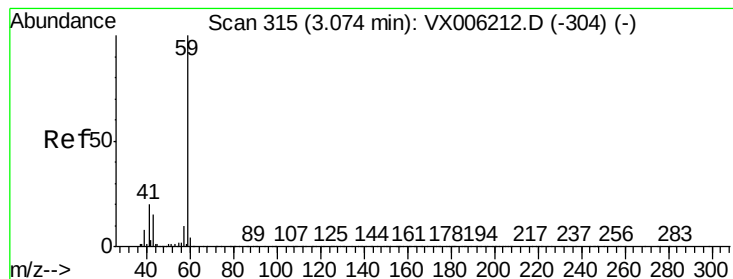
Ion Ratio Lower Upper

142 100

127 37.7 34.8 52.2

141 18.8 11.4 17.2#



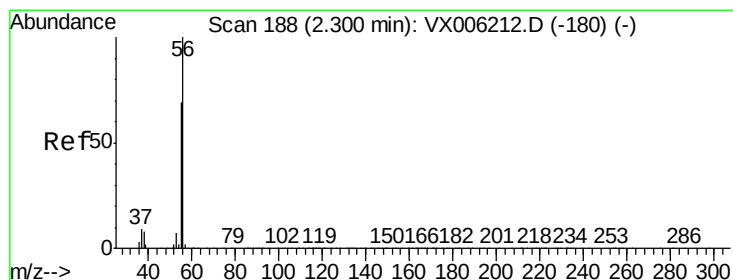
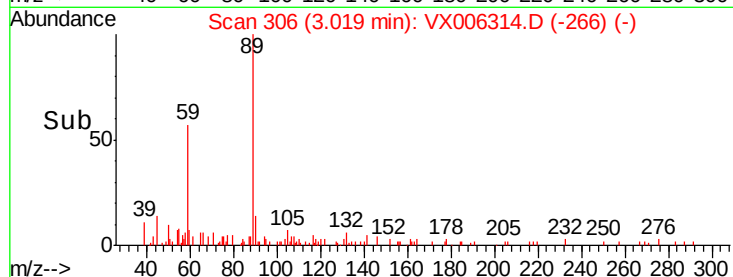
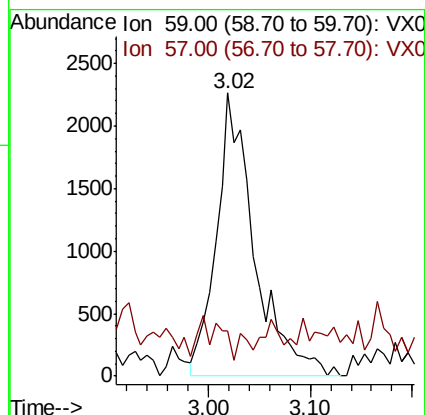
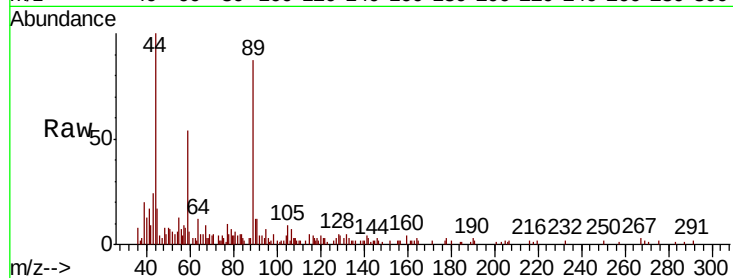


#11

Tert butyl alcohol
Concen: 2.596 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006314.D
Acq: 06 Dec 2018 13:25

Instrument :
MSVOA_X
ClientSampled :

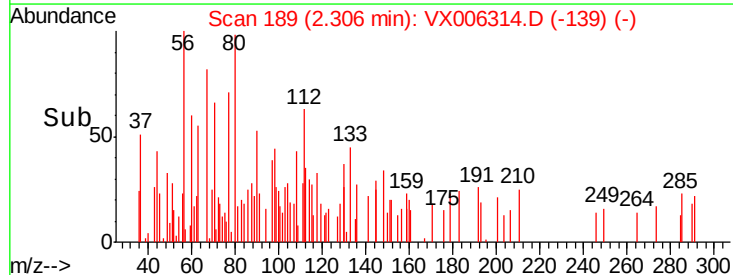
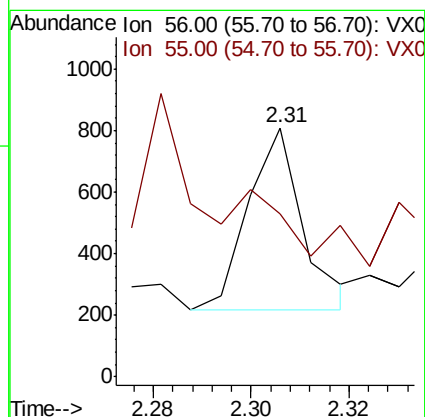
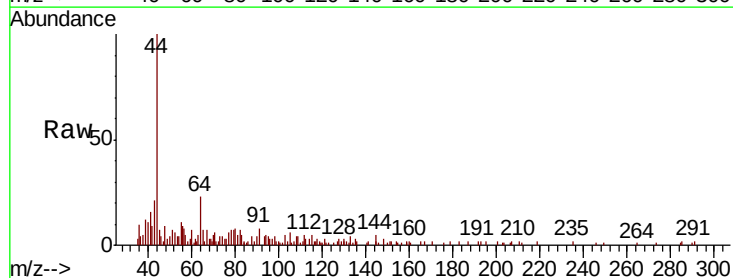
Tot Ion: 59 Resp: 5903
Ion Ratio Lower Upper
59 100
57 2.8 8.2 12.2#

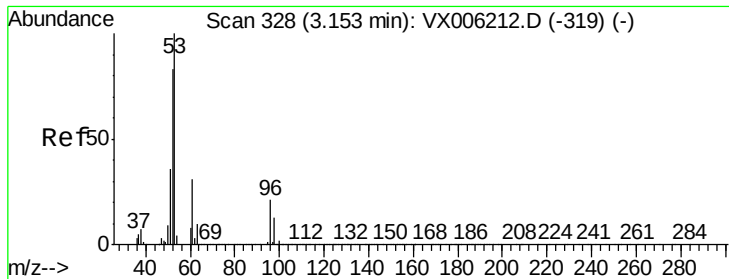


#13

Acrolein
Concen: 0.365 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006314.D
Acq: 06 Dec 2018 13:25

Tgt Ion: 56 Resp: 454
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#

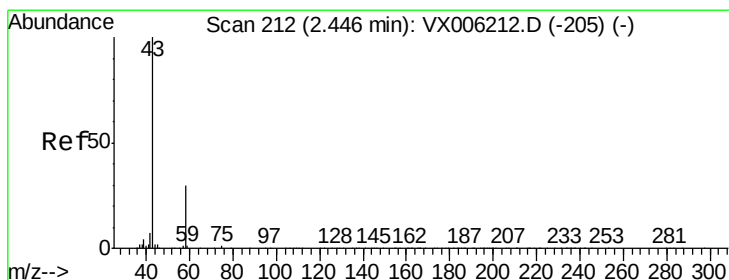
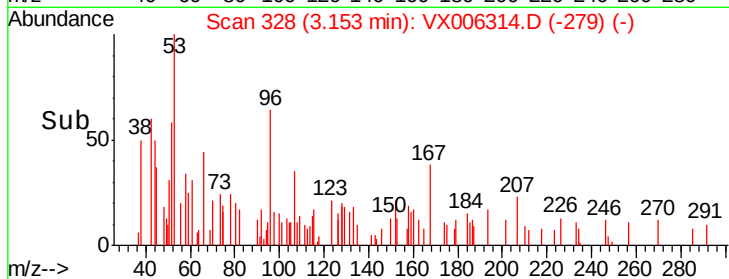
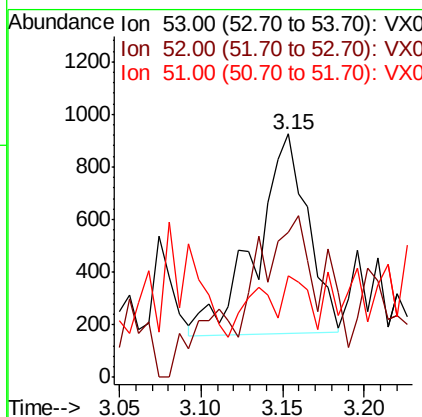
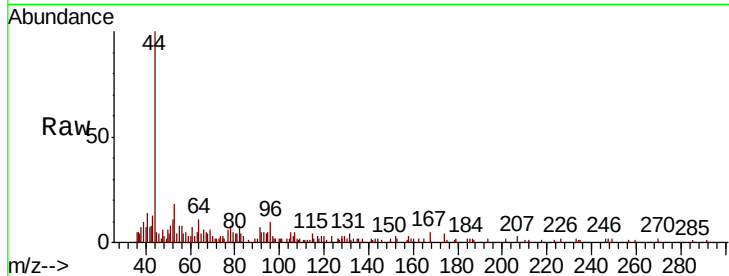




#15
 Acrylonitrile
 Concen: 0.352 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006314.D
 Acq: 06 Dec 2018 13:25

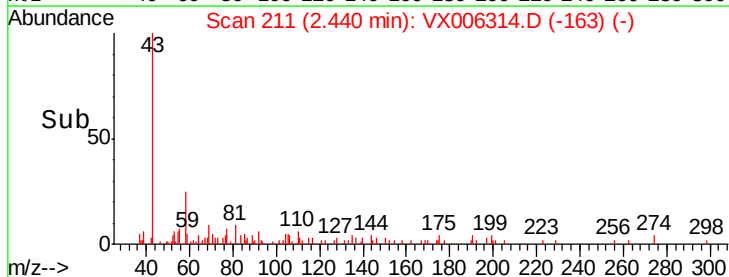
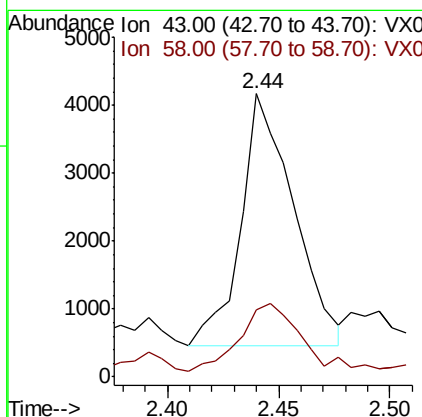
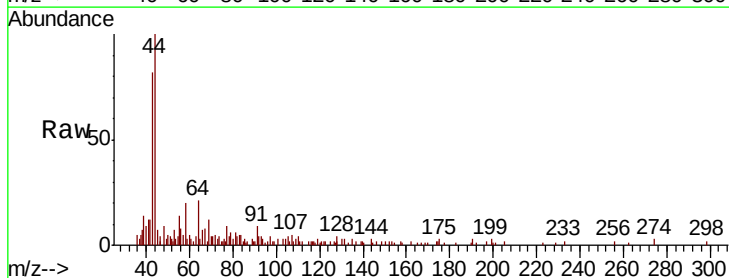
Instrument :
 MSVOA_X
 ClientSampled :

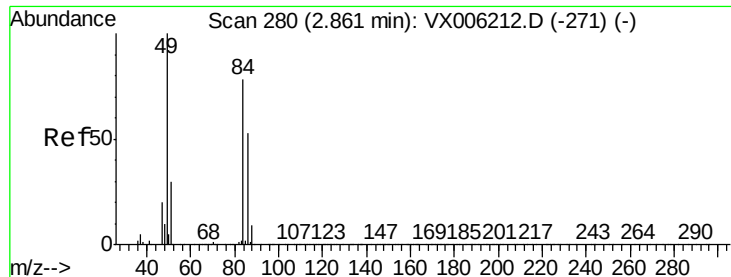
Tot Ion: 53 Resp: 1672
 Ion Ratio Lower Upper
 53 100
 52 69.2 66.2 99.4
 51 11.7 28.7 43.1#



#16
 Acetone
 Concen: 1.573 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX006314.D
 Acq: 06 Dec 2018 13:25

Tgt Ion: 43 Resp: 6138
 Ion Ratio Lower Upper
 43 100
 58 24.6 24.0 36.0

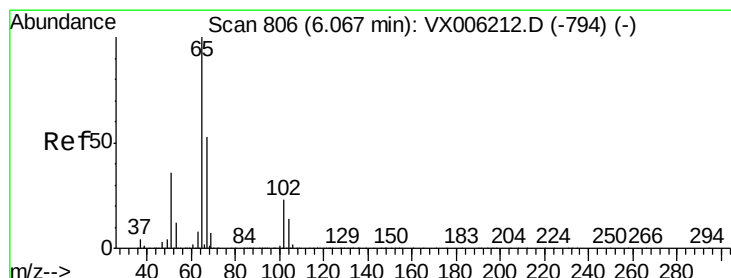
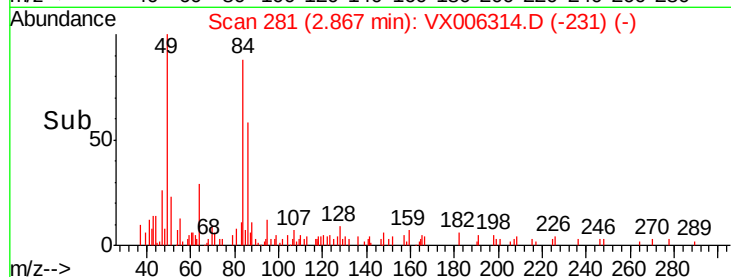
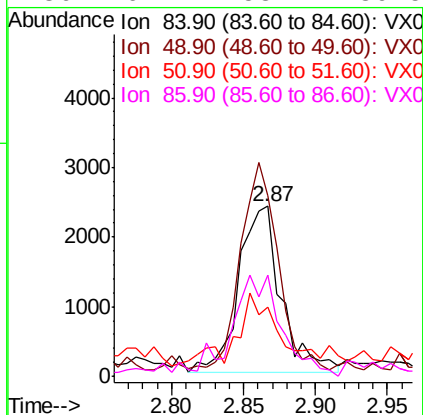
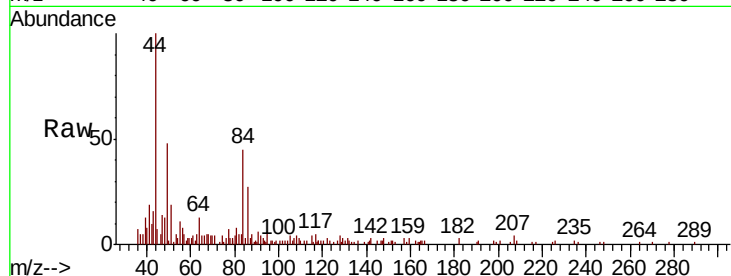




#20
Methylene Chloride
Concen: 0.585 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006314.D
Acq: 06 Dec 2018 13:25

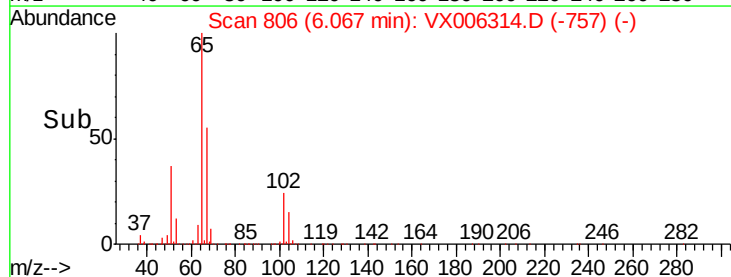
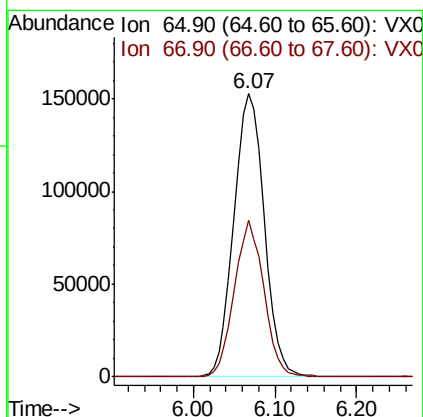
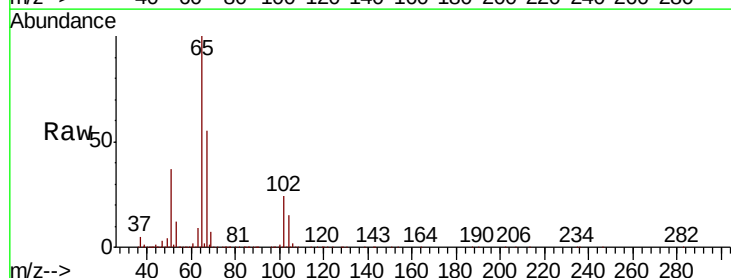
Instrument :
MSVOA_X
ClientSampleId :

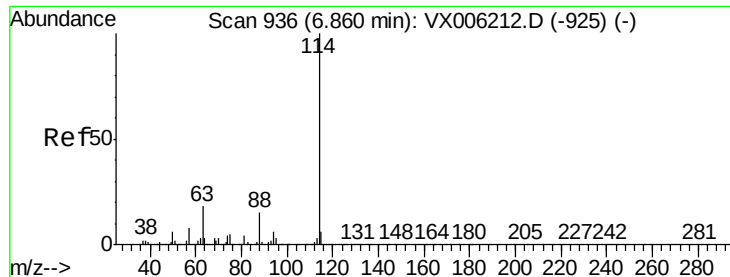
Tot Ion:	84	Resp:	4855
Ion	Ratio	Lower	Upper
84	100		
49	102.5	102.2	153.4
51	32.5	31.1	46.7
86	61.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 47.610 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006314.D
Acq: 06 Dec 2018 13:25

Tgt Ion:	65	Resp:	395859
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2

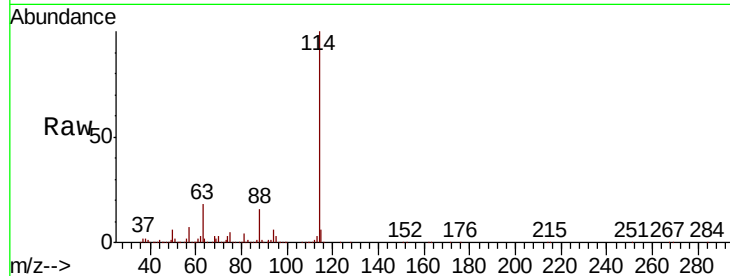




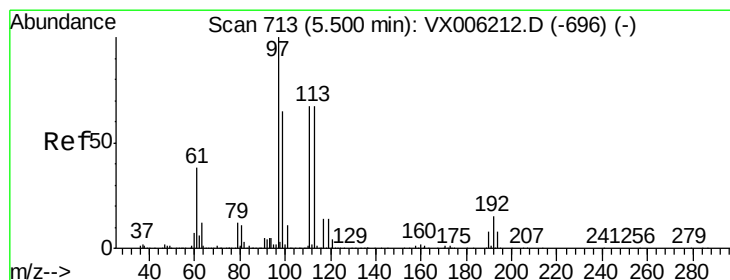
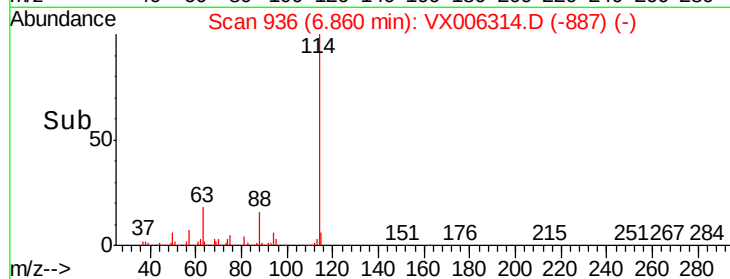
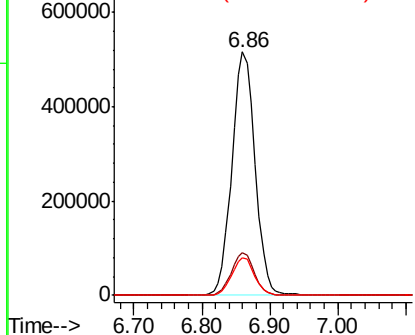
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006314.D
 Acq: 06 Dec 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 1221431
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 15.7 0.0 29.0

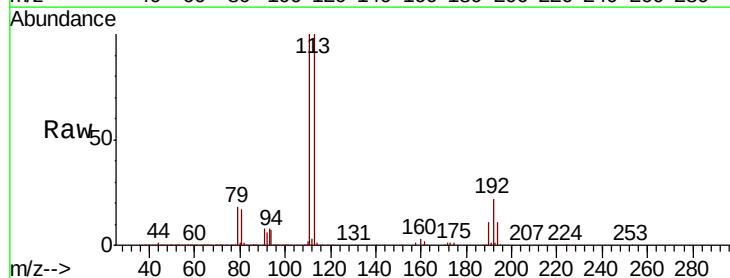


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

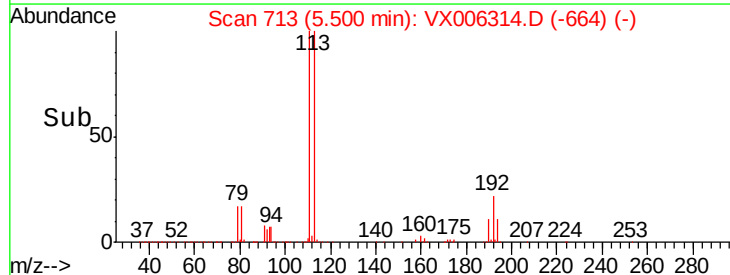
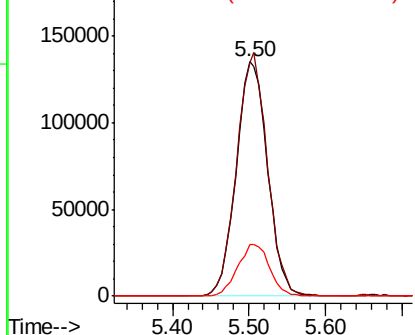


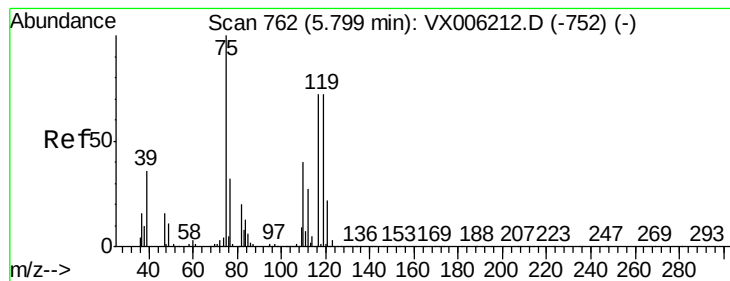
#35
 Dibromofluoromethane
 Concen: 48.602 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006314.D
 Acq: 06 Dec 2018 13:25

Tgt Ion:113 Resp: 384358
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 22.4 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: 4.828 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006314.D

Acq: 06 Dec 2018 13:25

Instrument :

MSVOA_X

ClientSampled :

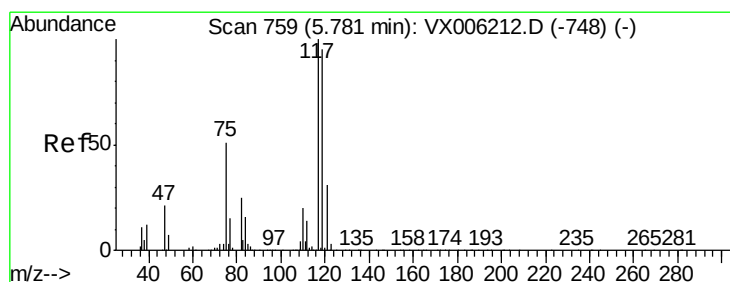
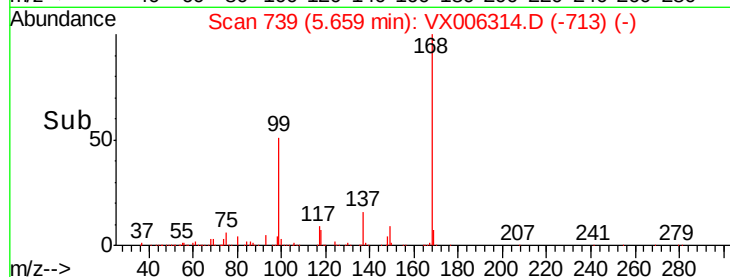
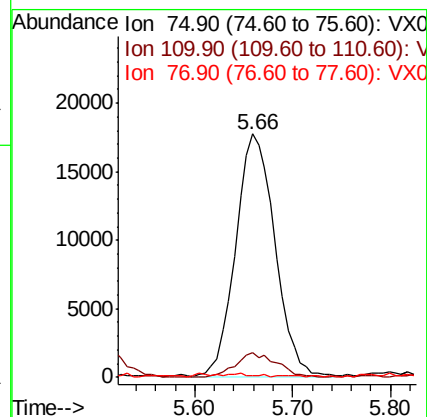
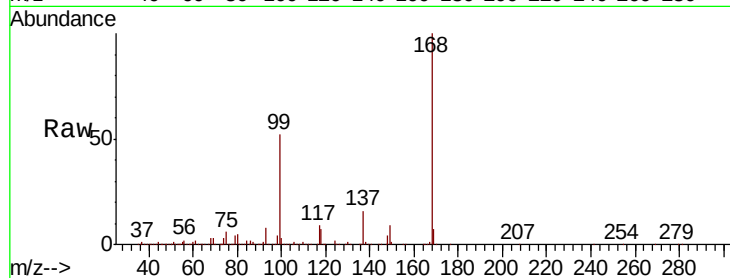
Tot Ion: 75 Resp: 49663

Ion Ratio Lower Upper

75 100

110 10.5 20.4 61.3#

77 0.3 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.007 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006314.D

Acq: 06 Dec 2018 13:25

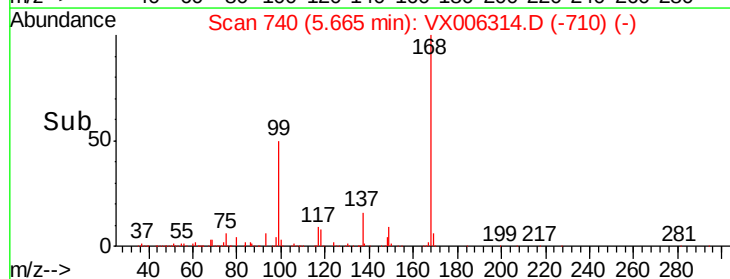
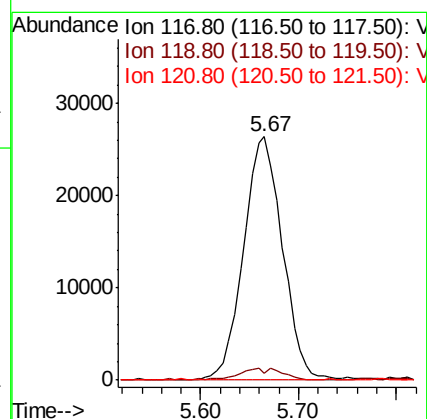
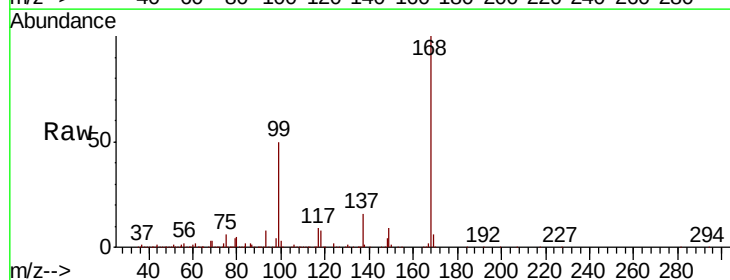
Tgt Ion: 117 Resp: 72689

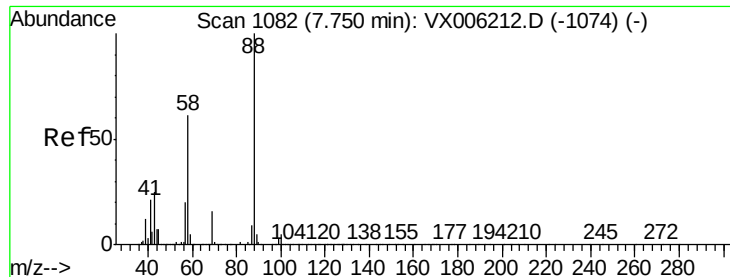
Ion Ratio Lower Upper

117 100

119 2.8 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.378 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006314.D

Acq: 06 Dec 2018 13:25

Instrument :

MSVOA_X

ClientSampled :

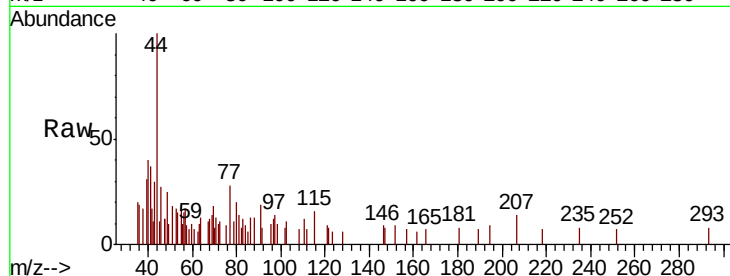
Tot Ion: 88 Resp: 87

Ion Ratio Lower Upper

88 100

43 195.4 23.2 34.8#

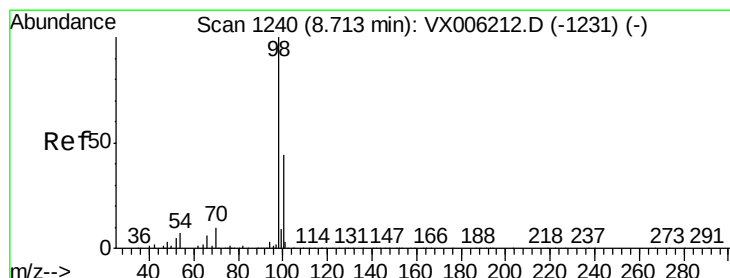
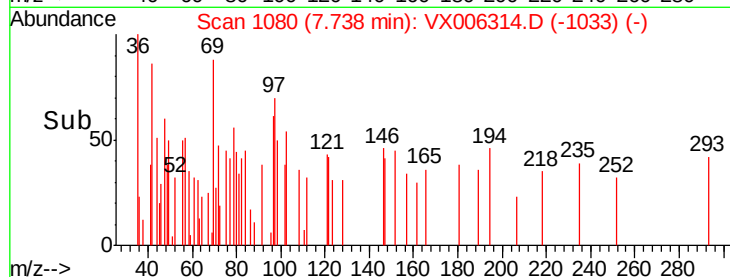
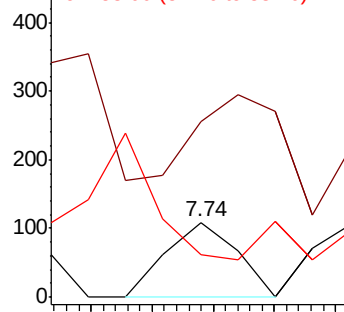
58 210.3 51.4 77.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.465 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006314.D

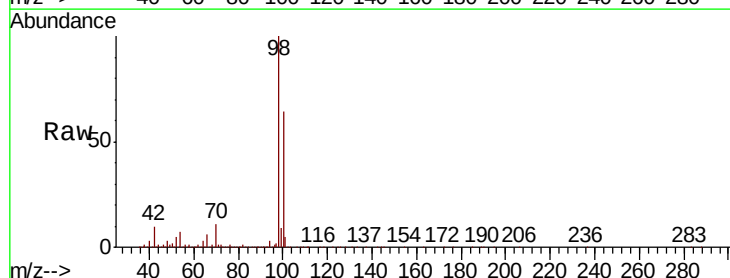
Acq: 06 Dec 2018 13:25

Tgt Ion: 98 Resp: 1422904

Ion Ratio Lower Upper

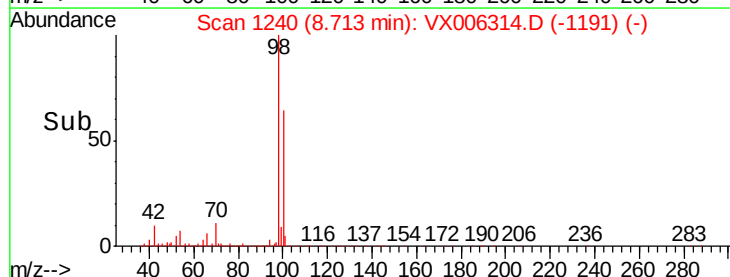
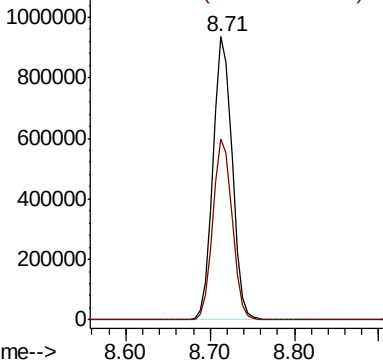
98 100

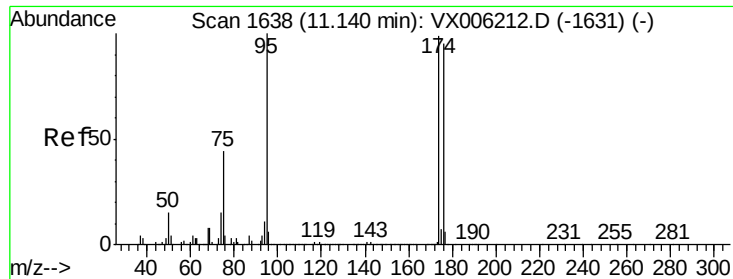
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

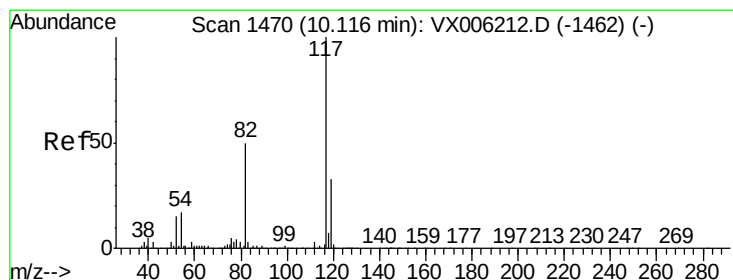
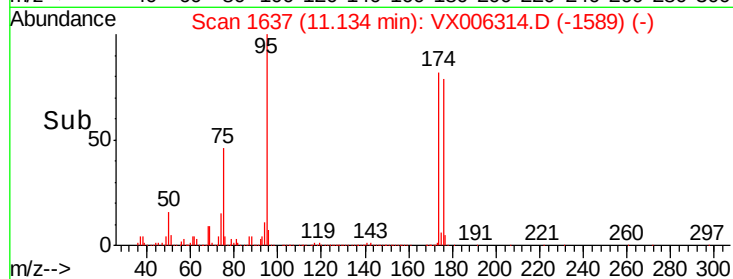
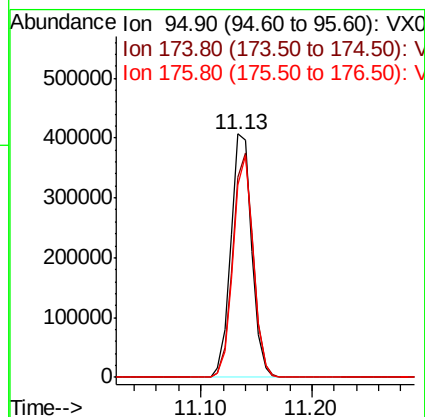
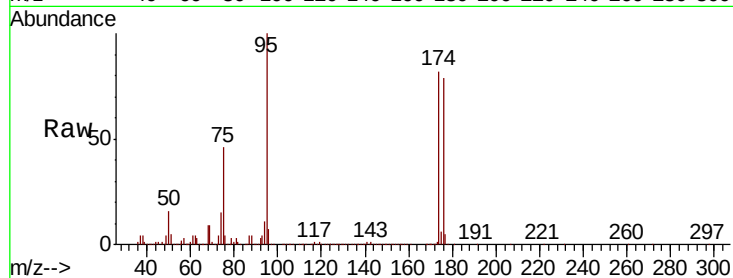




#62
4-Bromofluorobenzene
Concen: 48.795 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006314.D
Acq: 06 Dec 2018 13:25

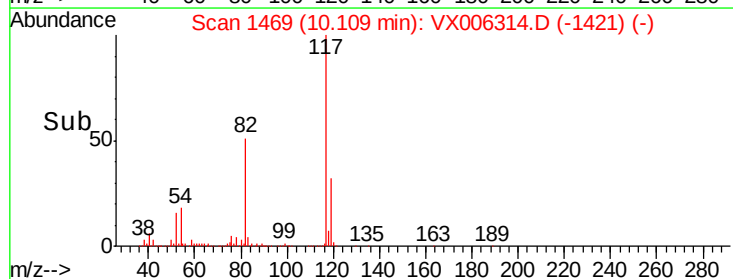
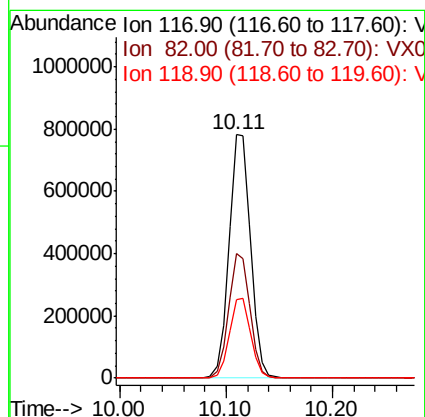
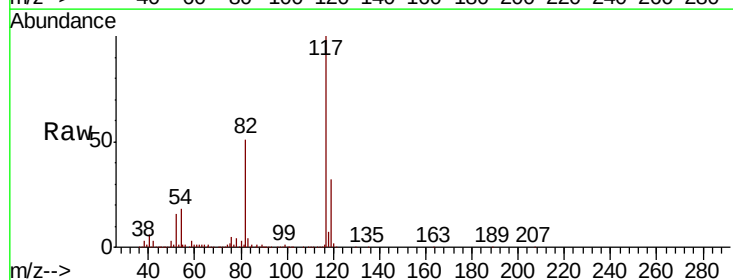
Instrument :
MSVOA_X
ClientSampleId :

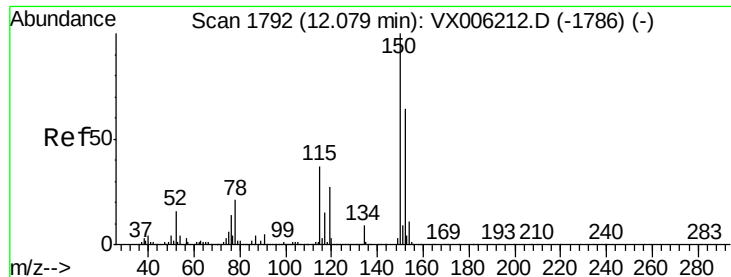
Tot Ion: 95 Resp: 528927
Ion Ratio Lower Upper
95 100
174 90.1 0.0 187.0
176 87.2 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006314.D
Acq: 06 Dec 2018 13:25

Tgt Ion: 117 Resp: 1107148
Ion Ratio Lower Upper
117 100
82 51.2 39.6 59.4
119 32.1 26.3 39.5

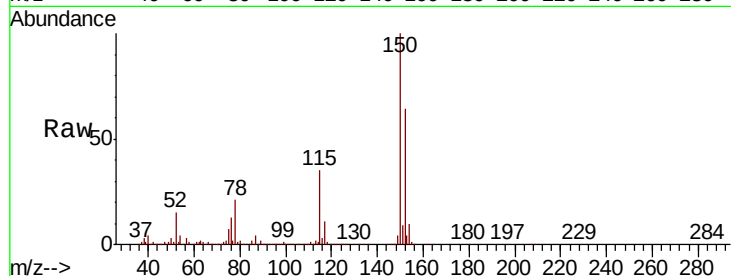




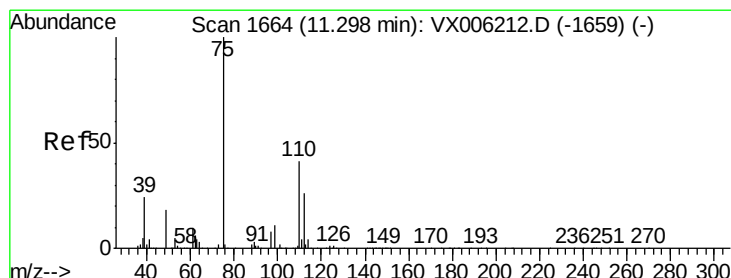
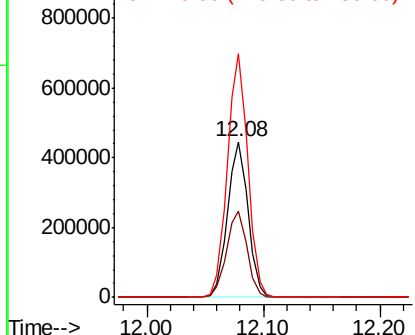
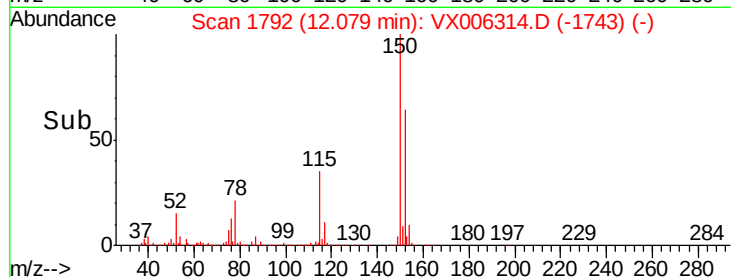
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006314.D
 Acq: 06 Dec 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.0	116.9
150	155.9	0.0	345.8

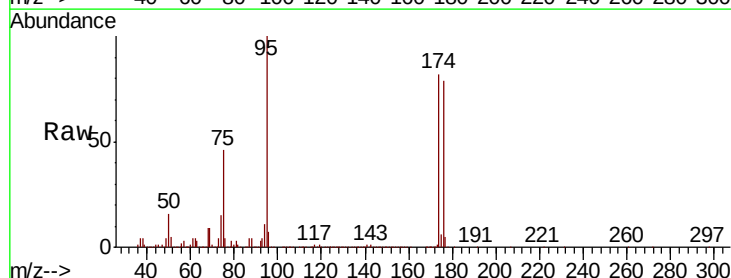


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

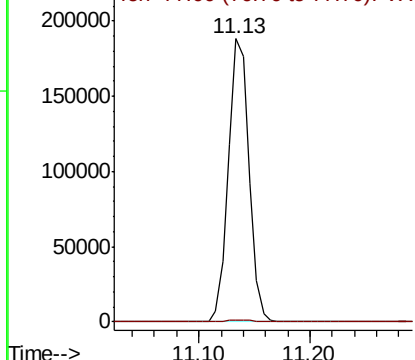
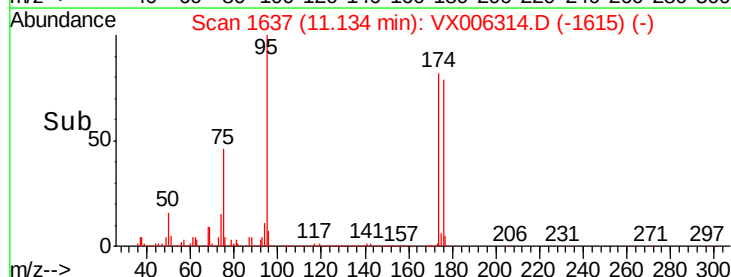


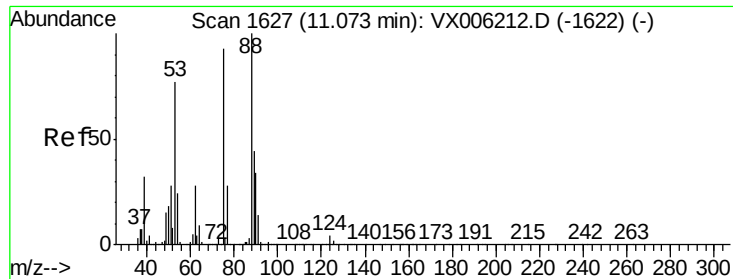
#76
 1,2,3-Trichloropropane
 Concen: 22.958 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006314.D
 Acq: 06 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.0	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: 53.877 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006314.D

Acq: 06 Dec 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

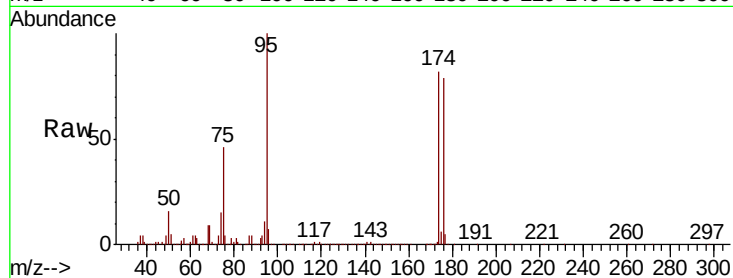
Tot Ion: 75 Resp: 240560

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

