

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006562.D
 Acq On : 17 Dec 2018 10:24
 Operator : JC/MD
 Sample : VX1217WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 00:30:52 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	772397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1194774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1086576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	514709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	413006	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	5.50	113	375981	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.71	98	1409893	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	515479	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

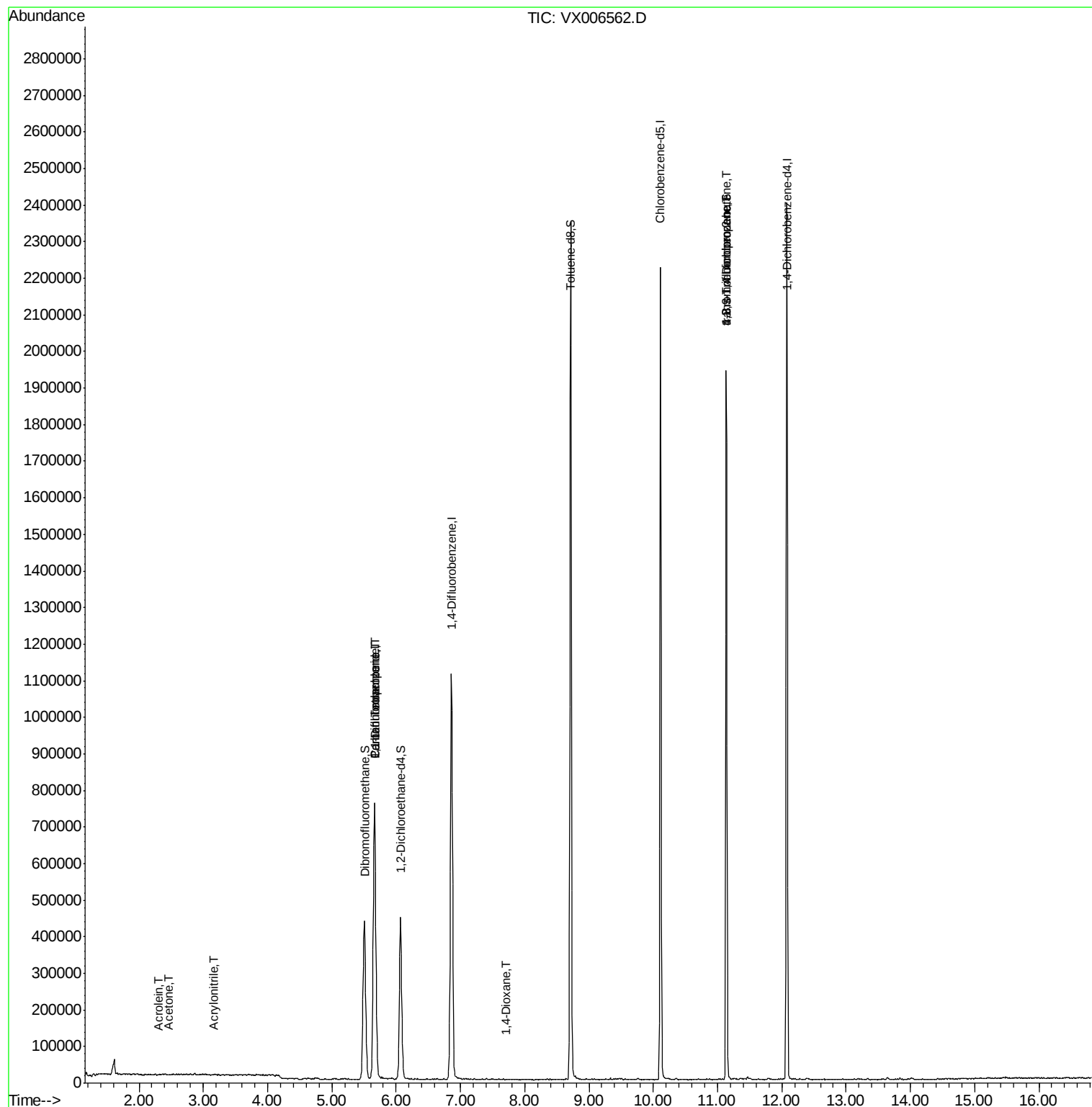
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.31	56	268	0.227	ug/l #	13
15) Acrylonitrile	3.15	53	1469	0.326	ug/l #	78
16) Acetone	2.45	43	766	0.207	ug/l #	66
36) 1,1-Dichloropropene	5.66	75	50474	5.017	ug/l #	48
38) Carbon Tetrachloride	5.66	117	72990	6.167	ug/l #	15
49) 1,4-Dioxane	7.71	88	221	0.981	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	239018	24.059	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	239018	56.459	ug/l #	15

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

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Quant Title : SW846 8260
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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: VX006562.D

Acq: 17 Dec 2018 10:24

Instrument :

MSVOA_X

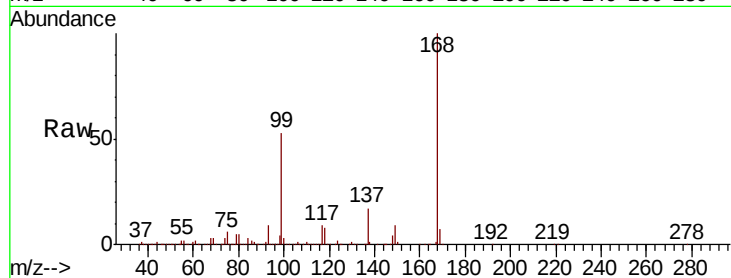
ClientSampled :

Tot Ion:168 Resp: 772397

Ion Ratio Lower Upper

168 100

99 53.3 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

250000

200000

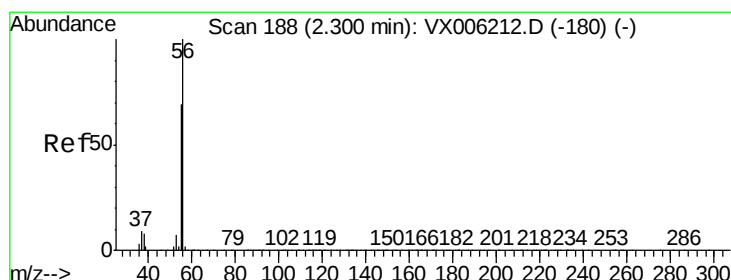
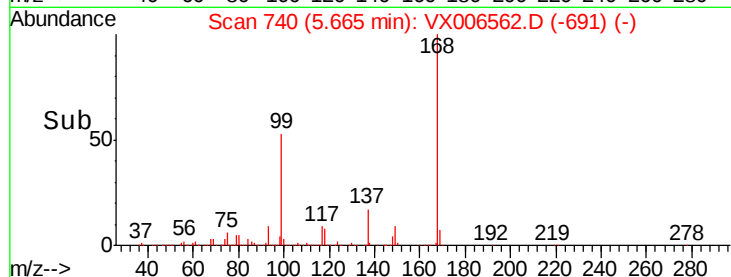
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.227 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006562.D

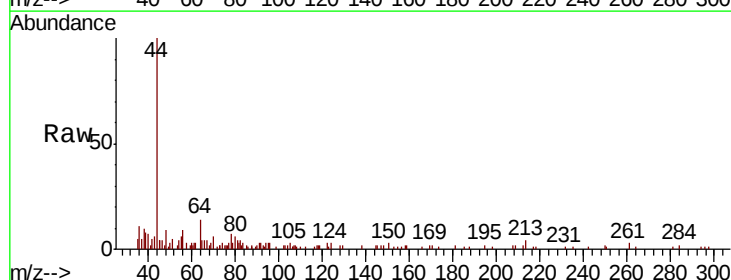
Acq: 17 Dec 2018 10:24

Tgt Ion: 56 Resp: 268

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

500

400

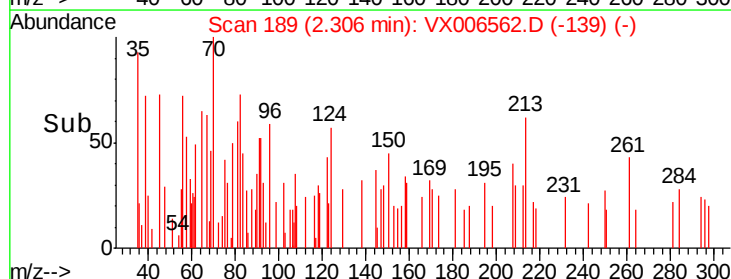
300

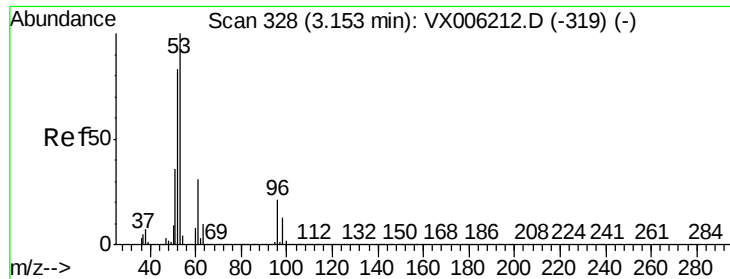
200

100

0

Time-->





#15

Acrylonitrile

Concen: 0.326 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006562.D

Acq: 17 Dec 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

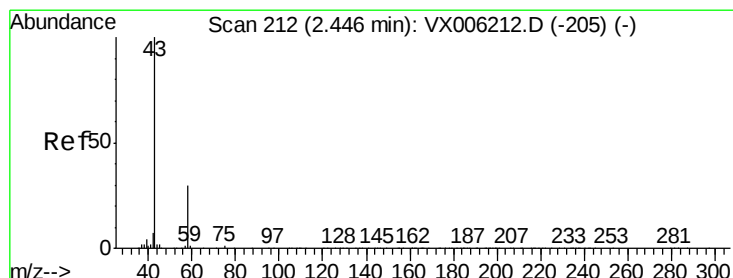
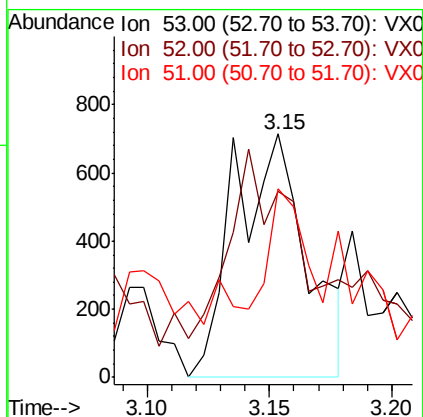
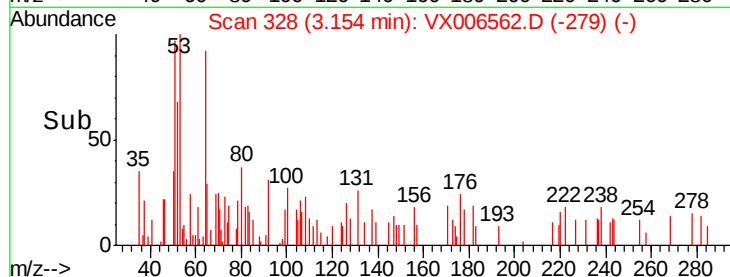
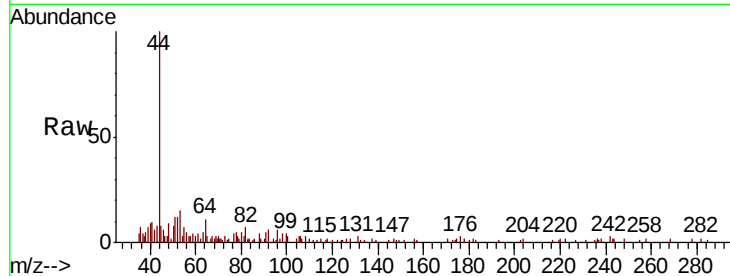
Tot Ion: 53 Resp: 1469

Ion Ratio Lower Upper

53 100

52 64.3 66.2 99.4#

51 21.6 28.7 43.1#



#16

Acetone

Concen: 0.207 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006562.D

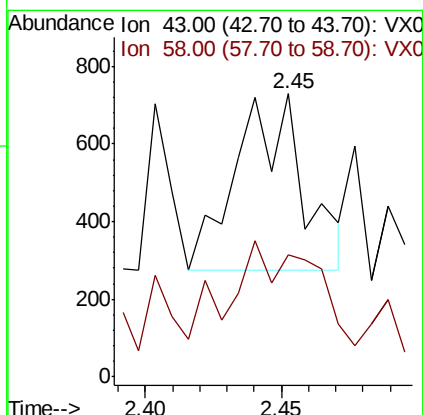
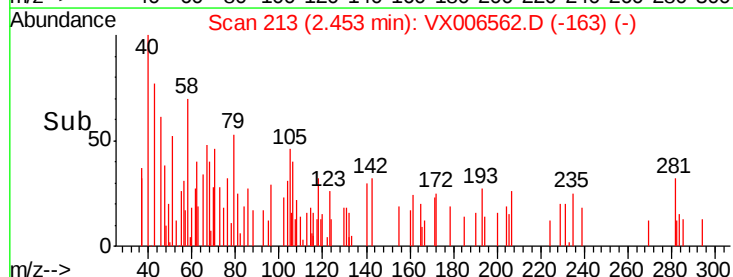
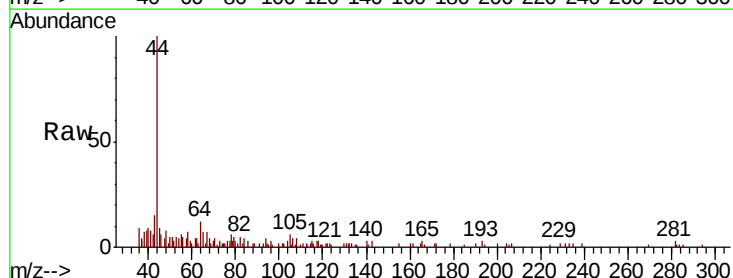
Acq: 17 Dec 2018 10:24

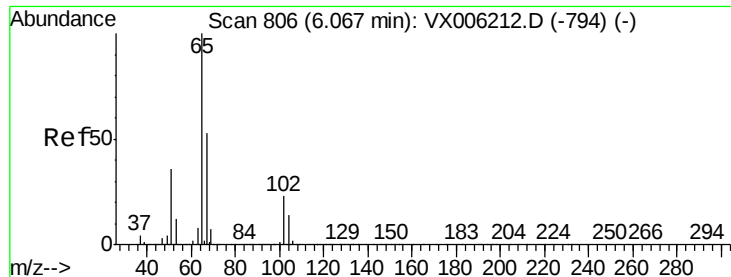
Tgt Ion: 43 Resp: 766

Ion Ratio Lower Upper

43 100

58 48.3 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 52.379 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006562.D

Acq: 17 Dec 2018 10:24

Instrument :

MSVOA_X

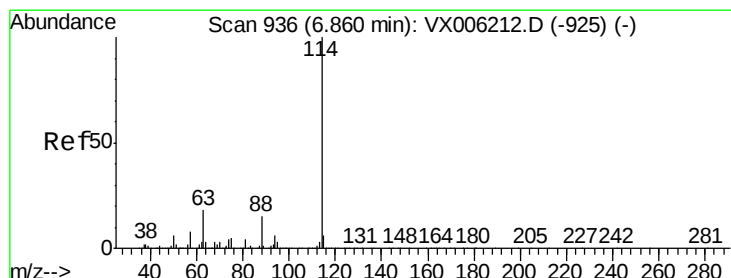
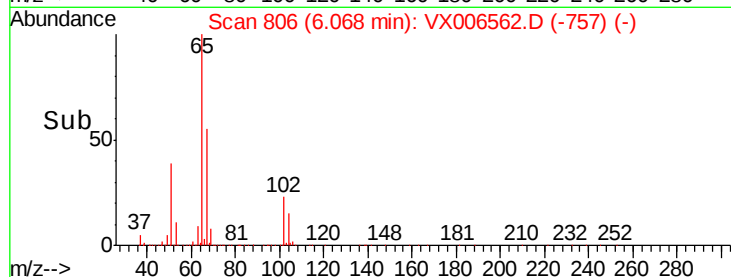
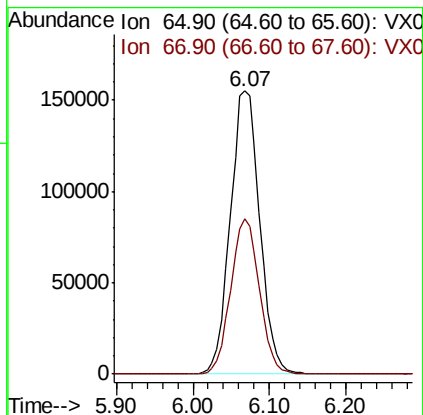
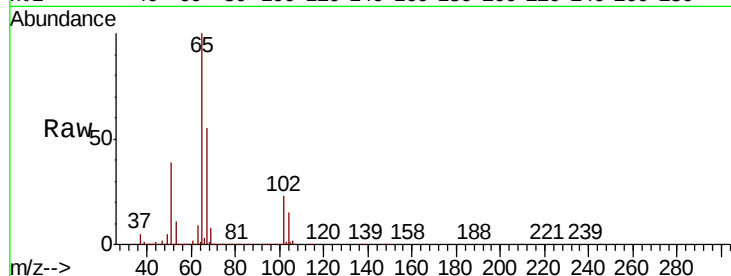
ClientSampleId :

Tot Ion: 65 Resp: 413006

Ion Ratio Lower Upper

65 100

67 53.3 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: VX006562.D

Acq: 17 Dec 2018 10:24

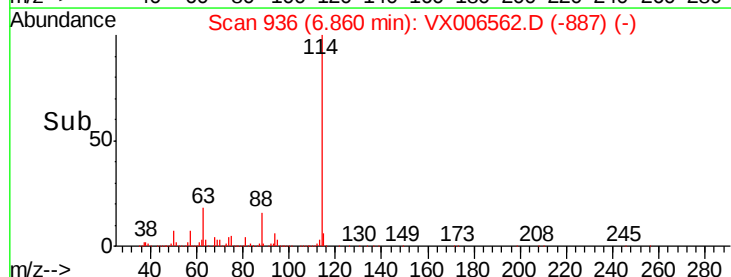
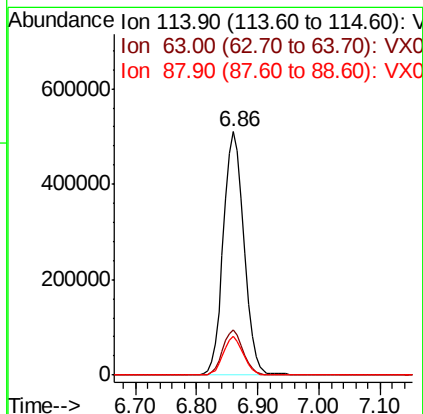
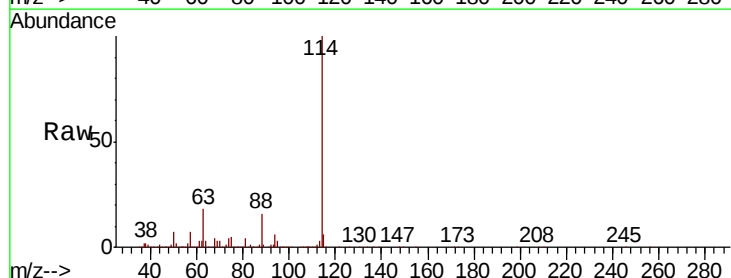
Tgt Ion: 114 Resp: 1194774

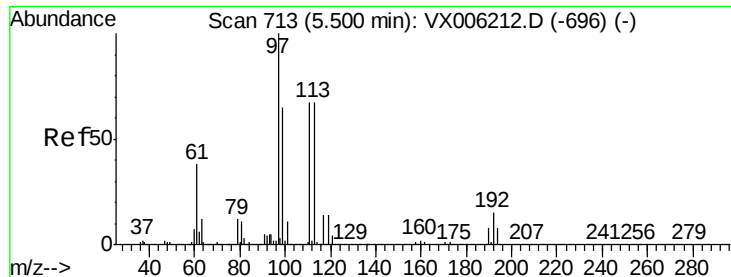
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

88 15.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.603 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006562.D

Acq: 17 Dec 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :

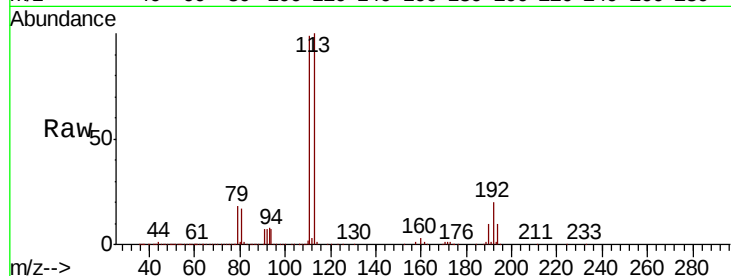
Tot Ion:113 Resp: 375981

Ion Ratio Lower Upper

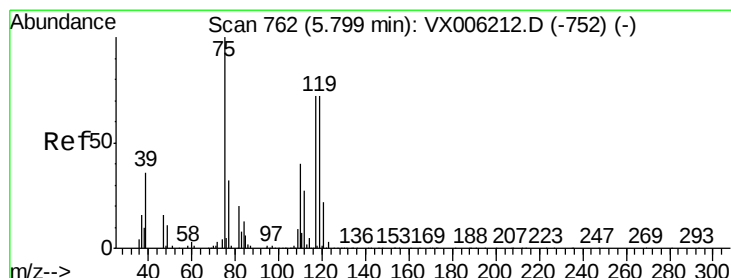
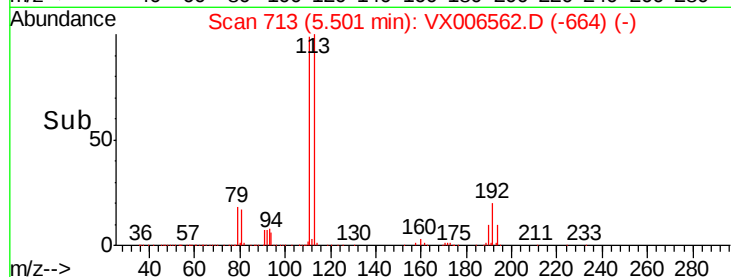
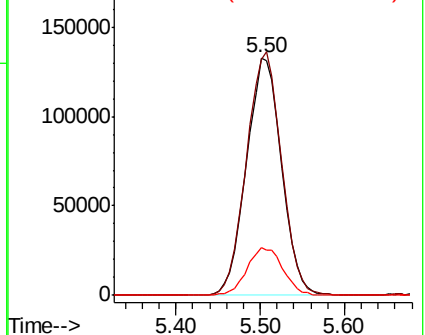
113 100

111 102.5 81.1 121.7

192 20.7 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: 5.017 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006562.D

Acq: 17 Dec 2018 10:24

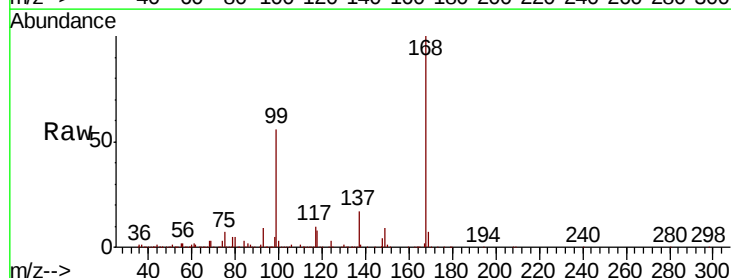
Tgt Ion: 75 Resp: 50474

Ion Ratio Lower Upper

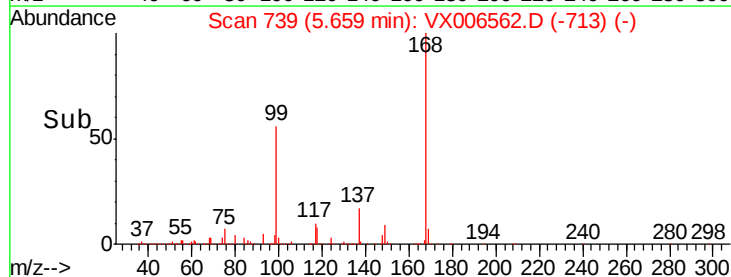
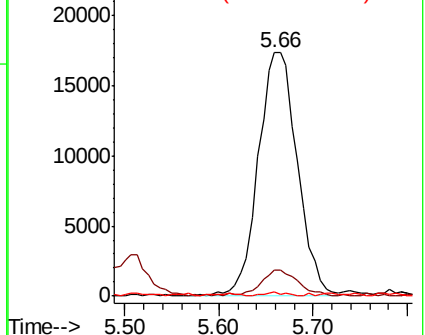
75 100

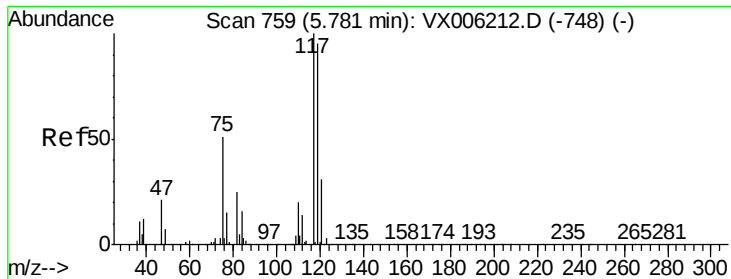
110 10.3 20.4 61.3#

77 0.9 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

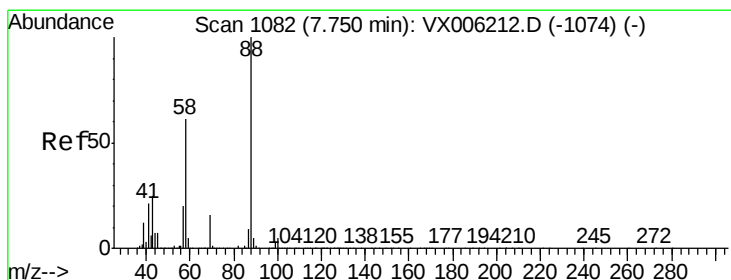
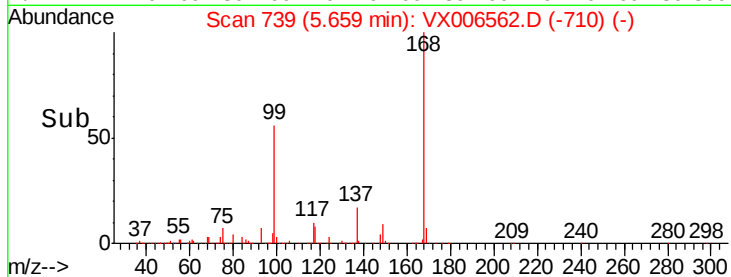
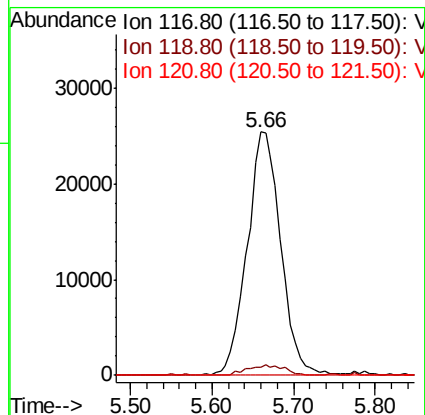
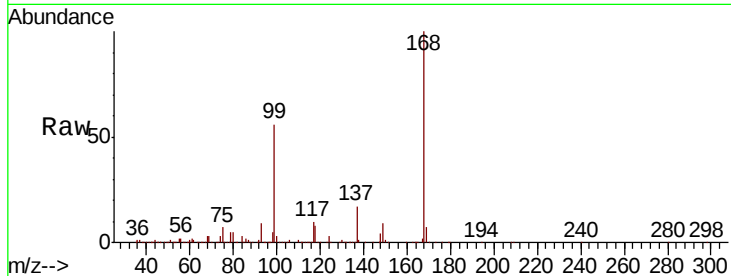




#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006562.D
Acq: 17 Dec 2018 10:24

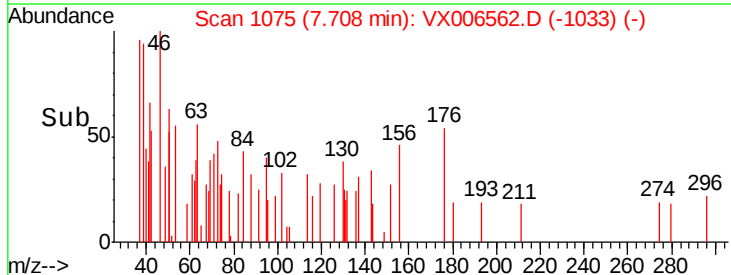
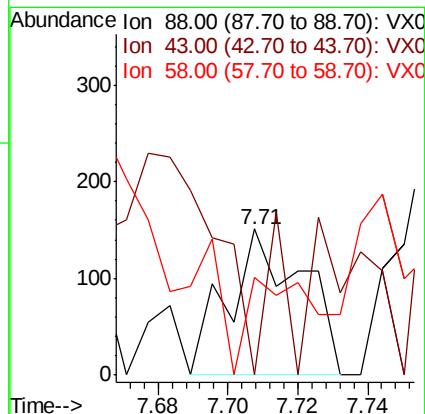
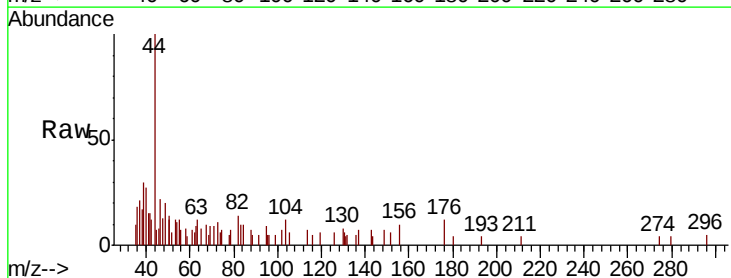
Instrument :
MSVOA_X
ClientSampleId :

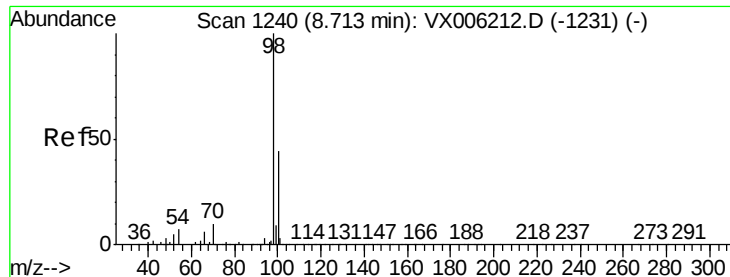
Tot Ion:117 Resp: 72990
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.8#
121 0.0 24.6 37.0#



#49
1,4-Dioxane
Concen: 0.981 ug/l
RT: 7.71 min Scan# 1075
Delta R.T. -0.04 min
Lab File: VX006562.D
Acq: 17 Dec 2018 10:24

Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 28.1 23.2 34.8
58 67.0 51.4 77.0

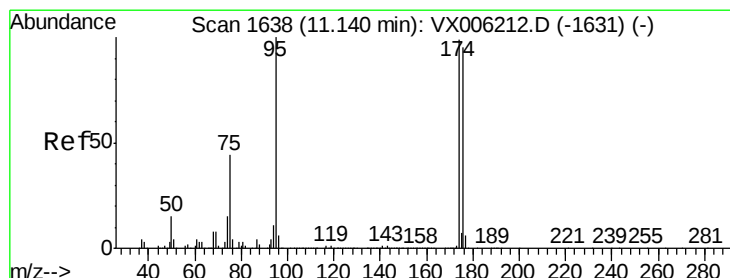
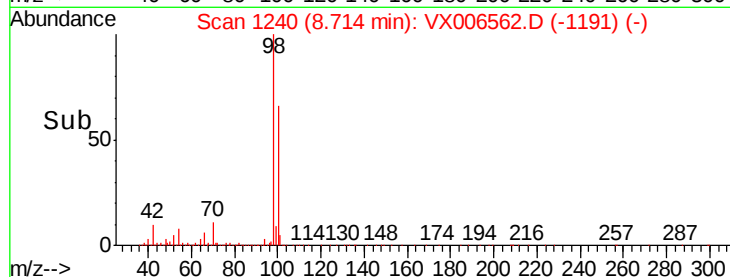
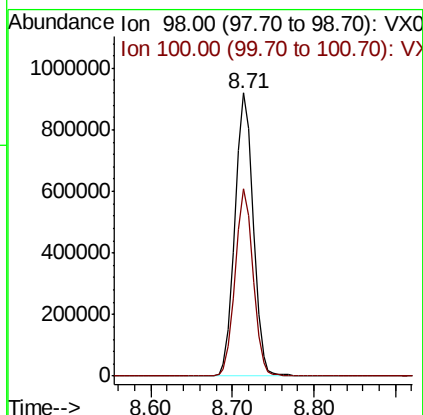
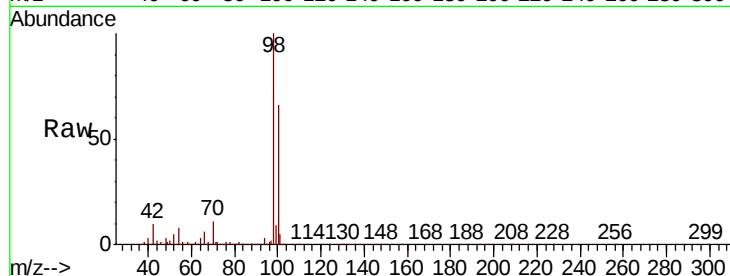




#50
Toluene-d8
Concen: 50.106 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006562.D
Acq: 17 Dec 2018 10:24

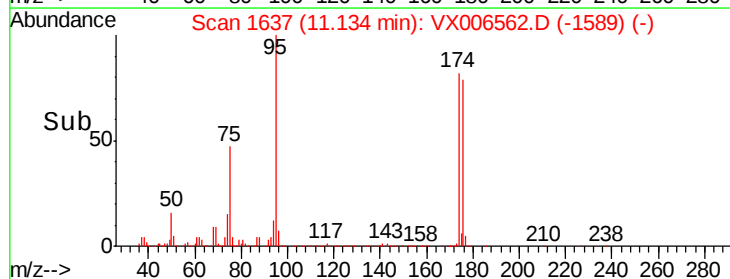
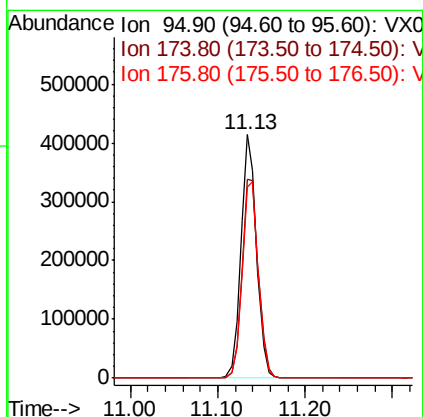
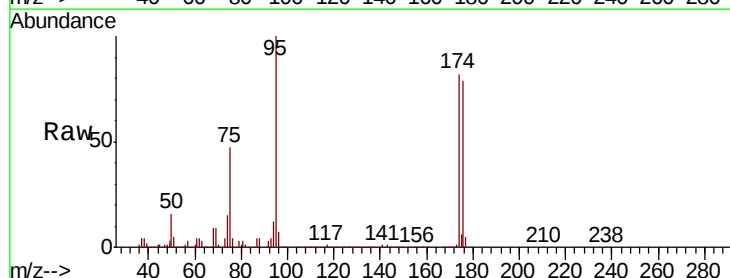
Instrument :
MSVOA_X
ClientSampleId :

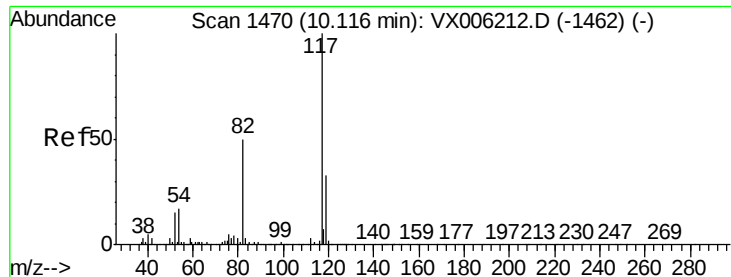
Tot Ion: 98 Resp: 1409893
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.615 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006562.D
Acq: 17 Dec 2018 10:24

Tgt Ion: 95 Resp: 515479
Ion Ratio Lower Upper
95 100
174 85.8 0.0 187.0
176 83.8 0.0 181.8

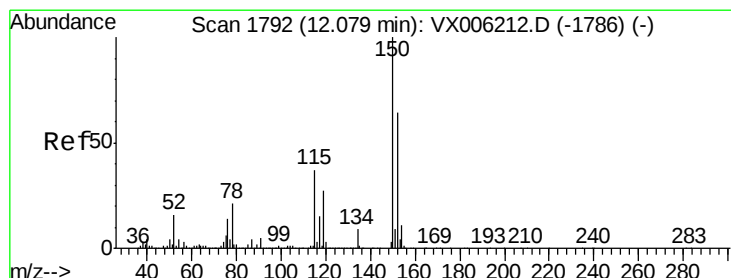
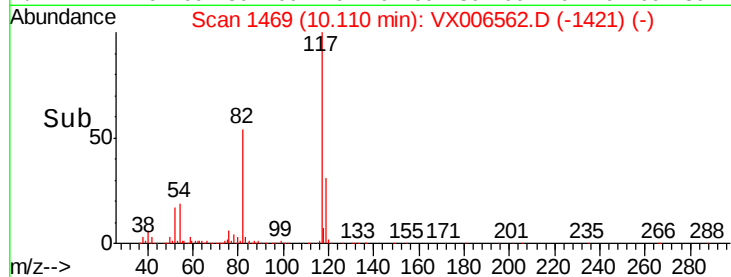
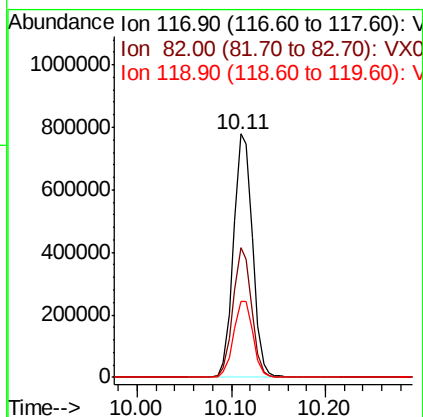
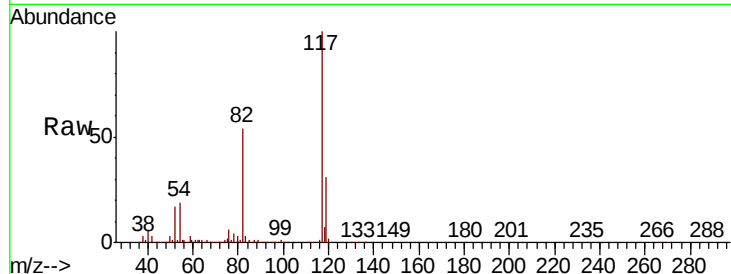




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006562.D
Acq: 17 Dec 2018 10:24

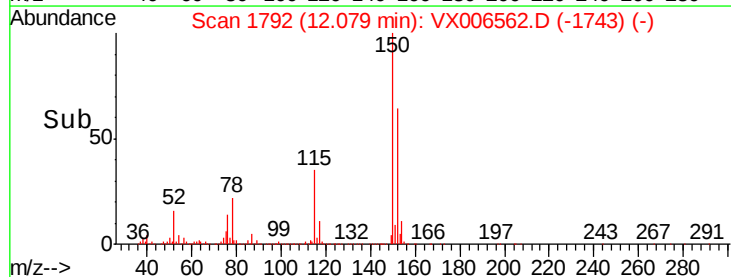
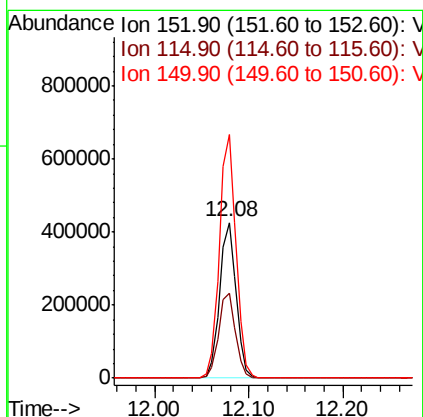
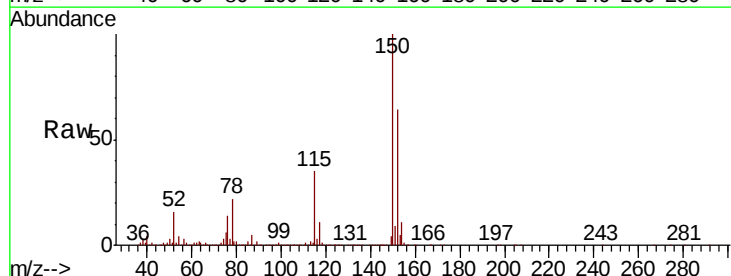
Instrument :
MSVOA_X
ClientSampleId :

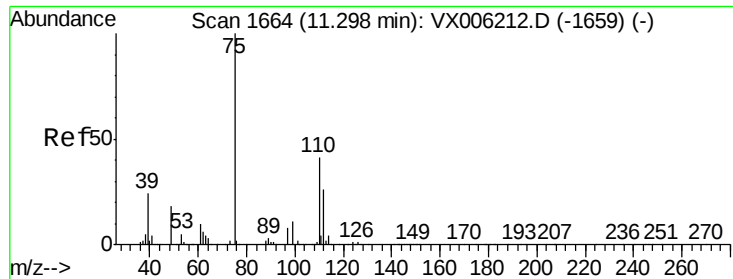
Tot Ion:117 Resp: 1086576
Ion Ratio Lower Upper
117 100
82 53.5 39.6 59.4
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006562.D
Acq: 17 Dec 2018 10:24

Tgt Ion:152 Resp: 514709
Ion Ratio Lower Upper
152 100
115 56.1 39.0 116.9
150 157.8 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 24.059 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006562.D

Acq: 17 Dec 2018 10:24

Instrument :

MSVOA_X

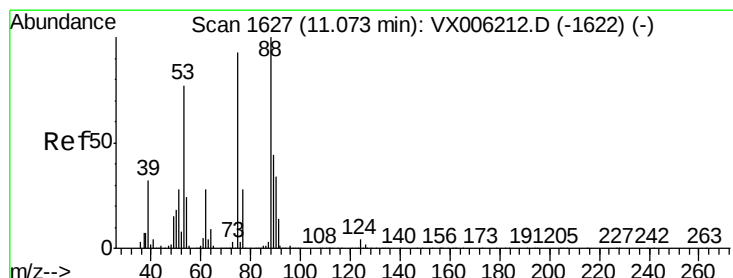
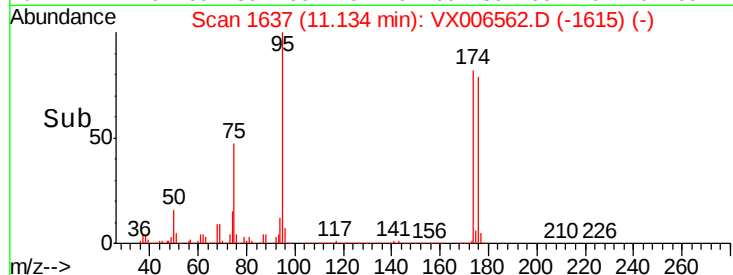
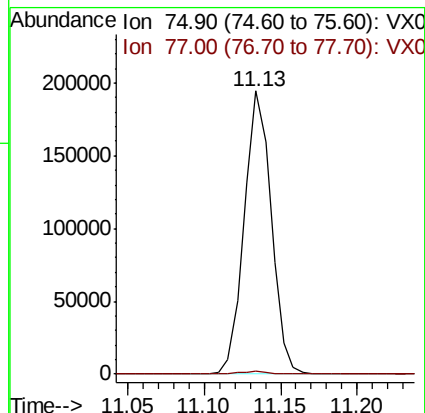
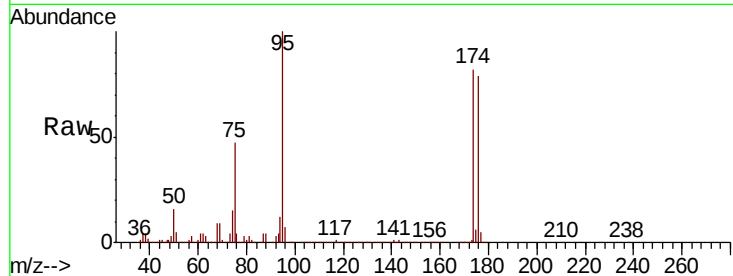
ClientSampleId :

Tot Ion: 75 Resp: 239018

Ion Ratio Lower Upper

75 100

77 1.2 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.459 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006562.D

Acq: 17 Dec 2018 10:24

Tgt Ion: 75 Resp: 239018

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.1 44.2 66.4#

