

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006315.D
 Acq On : 06 Dec 2018 13:51
 Operator : JC/MD
 Sample : J6250-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:29:50 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

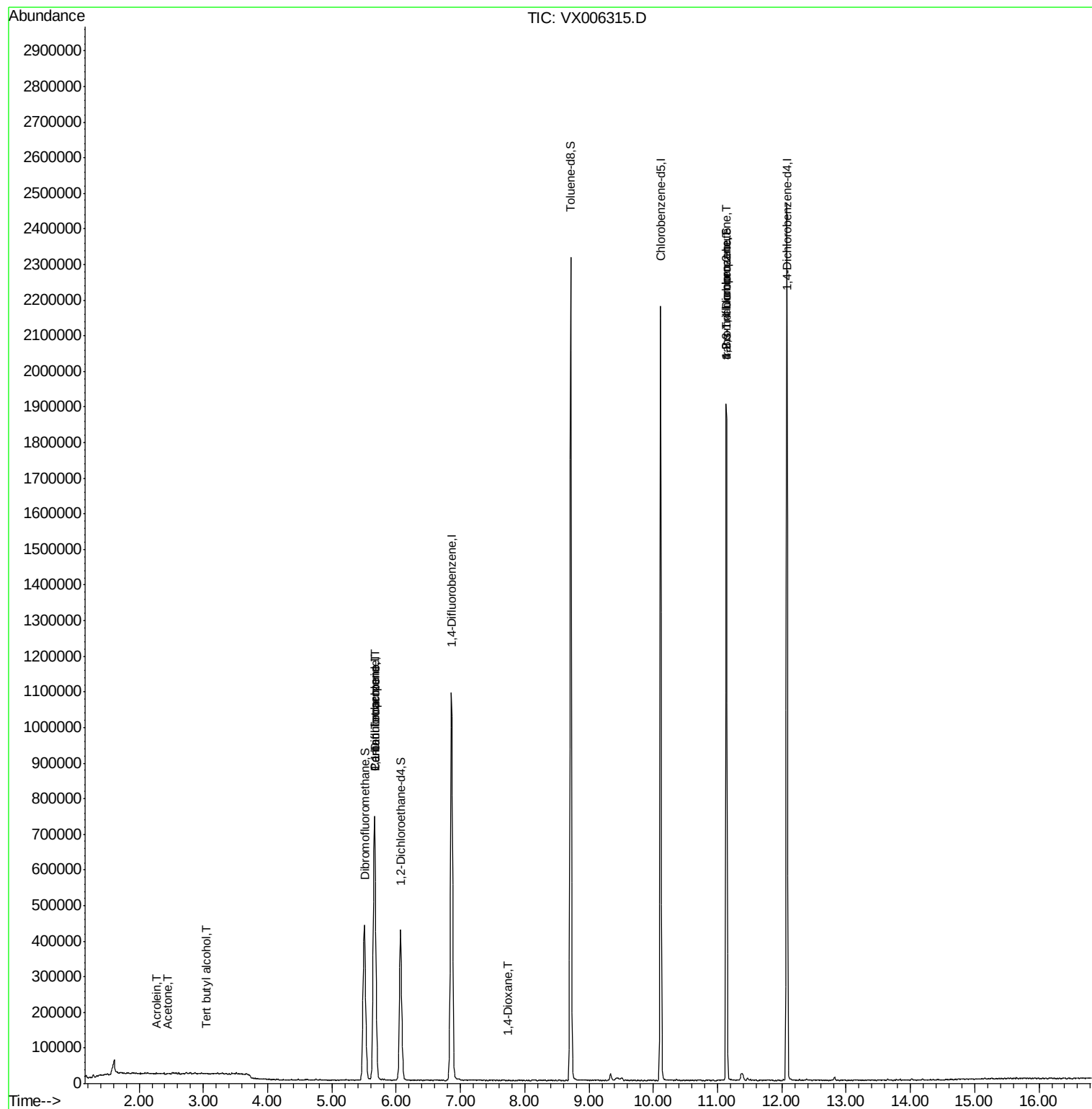
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	784007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1200257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1080313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	535481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	392504	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	5.50	113	374739	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1399637	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	519546	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.04	59	2619	1.197	ug/l	96
13) Acrolein	2.27	56	560	0.468	ug/l #	13
16) Acetone	2.45	43	1415	0.377	ug/l #	45
36) 1,1-Dichloropropene	5.67	75	47595	4.709	ug/l #	39
38) Carbon Tetrachloride	5.67	117	70745	5.950	ug/l #	16
49) 1,4-Dioxane	7.73	88	148	0.654	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	236286	22.861	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	236286	53.649	ug/l #	15

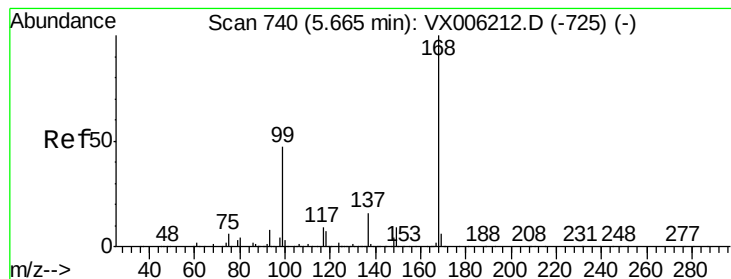
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006315.D
Acq On : 06 Dec 2018 13:51
Operator : JC/MD
Sample : J6250-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Dec 07 04:29:50 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: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

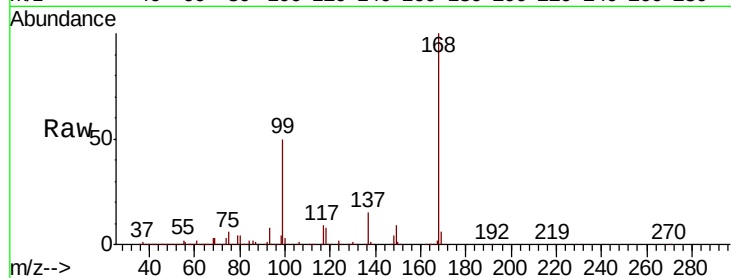
ClientSampleId :

Tot Ion:168 Resp: 784007

Ion Ratio Lower Upper

168 100

99 50.4 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

250000

200000

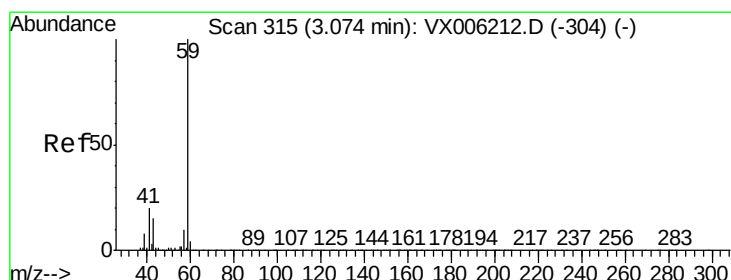
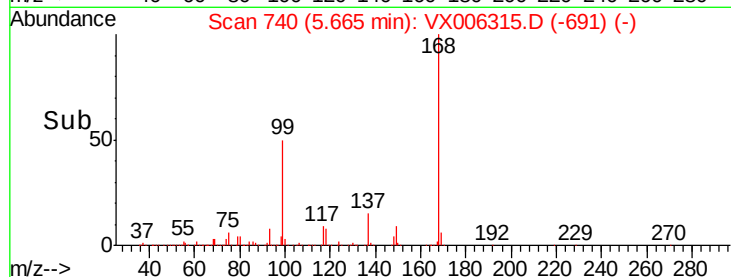
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.197 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.03 min

Lab File: VX006315.D

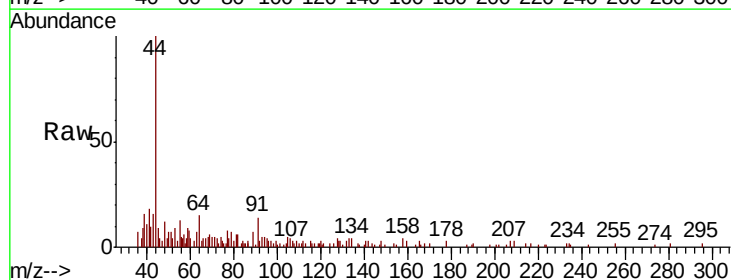
Acq: 06 Dec 2018 13:51

Tgt Ion: 59 Resp: 2619

Ion Ratio Lower Upper

59 100

57 8.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

800

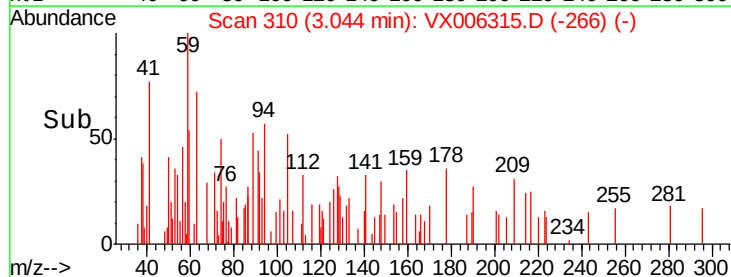
600

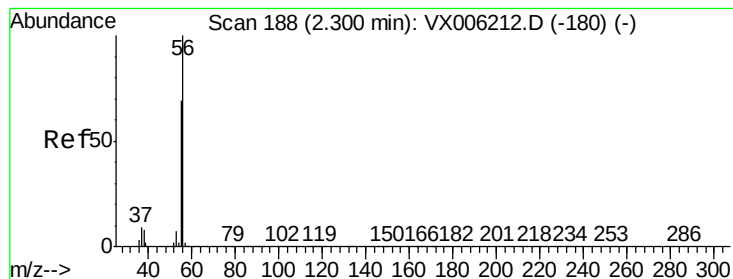
400

200

0

Time--> 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 0.468 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.03 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

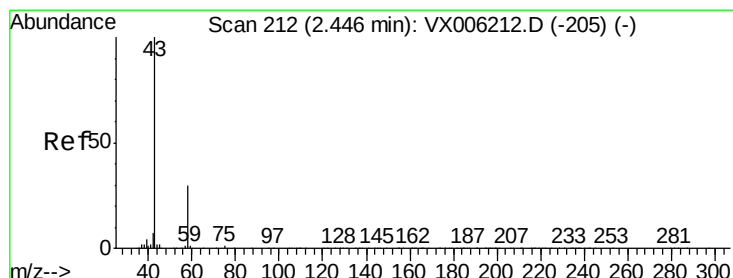
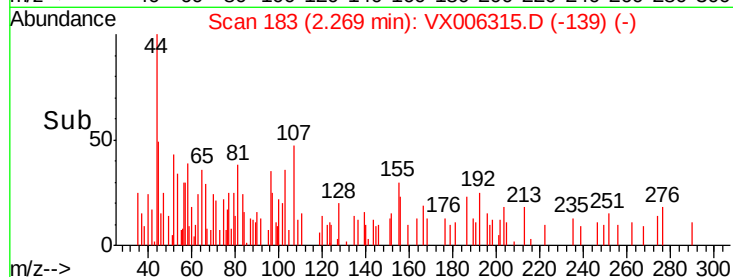
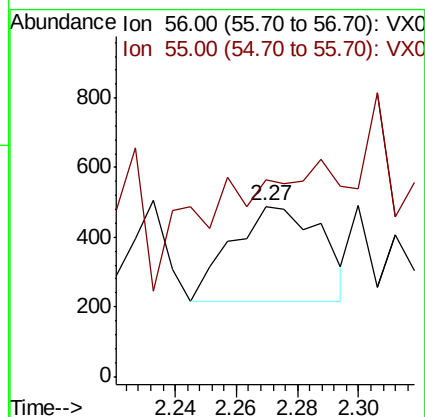
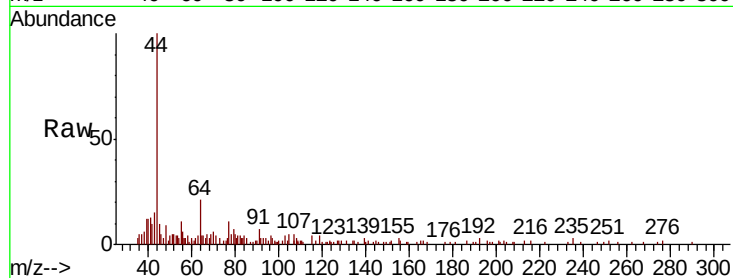
ClientSampled :

Tot Ion: 56 Resp: 560

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 0.377 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006315.D

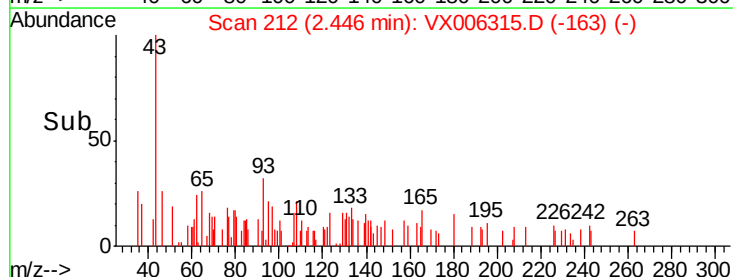
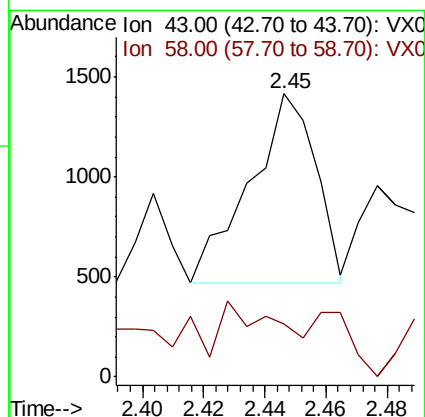
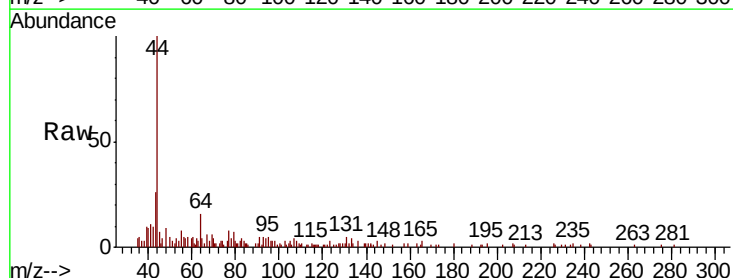
Acq: 06 Dec 2018 13:51

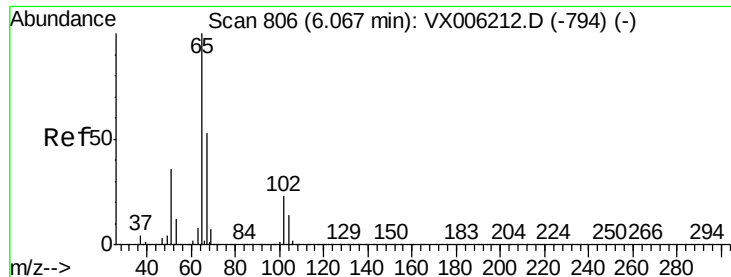
Tgt Ion: 43 Resp: 1415

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 49.042 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

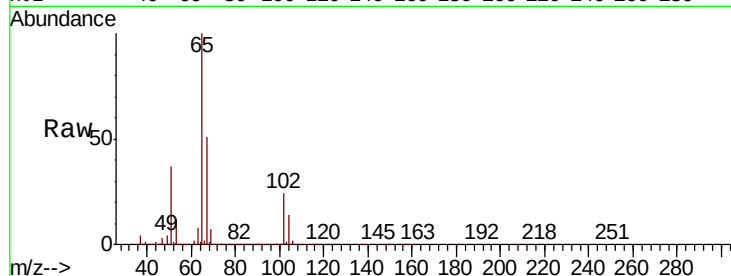
ClientSampleId :

Tot Ion: 65 Resp: 392504

Ion Ratio Lower Upper

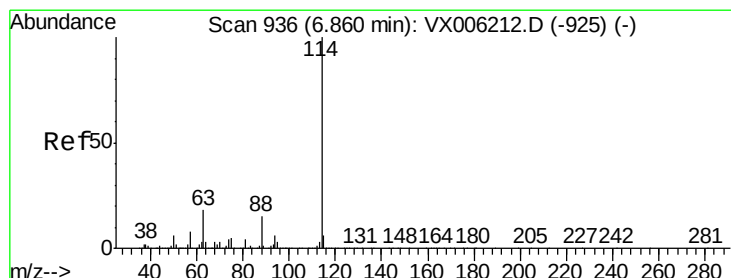
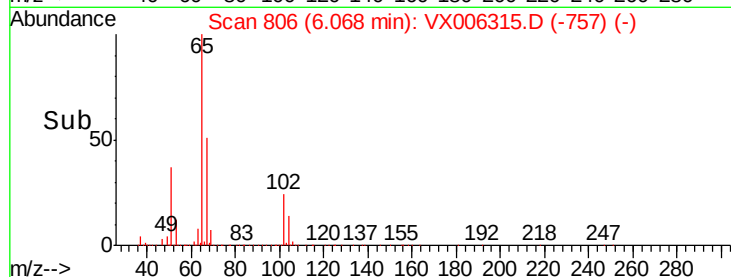
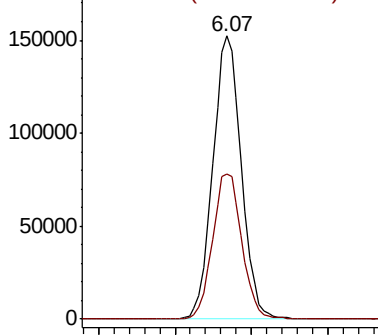
65 100

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: VX006315.D

Acq: 06 Dec 2018 13:51

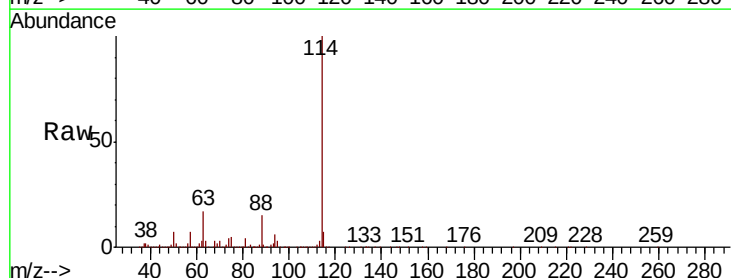
Tgt Ion: 114 Resp: 1200257

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

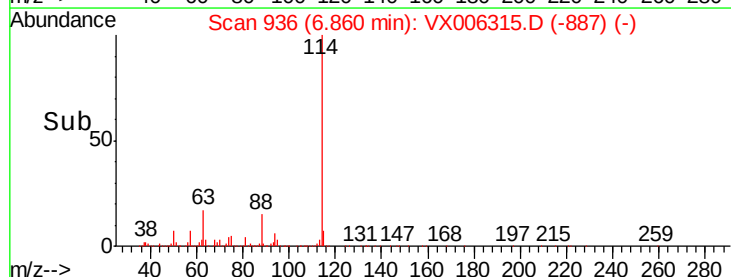
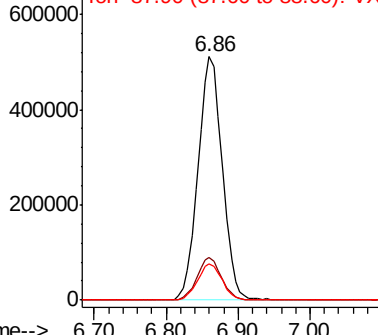
88 15.0 0.0 29.0

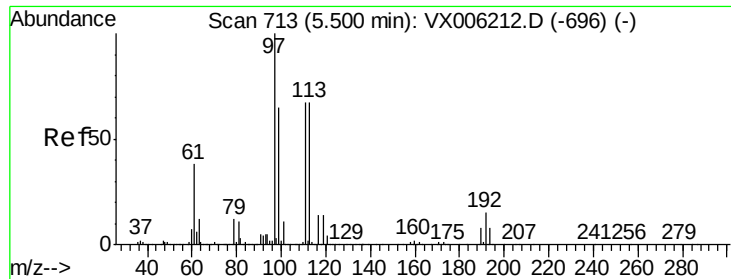


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

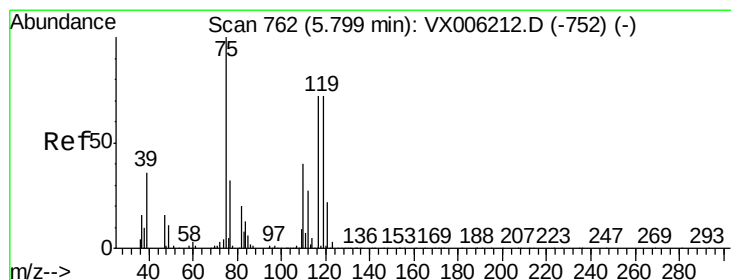
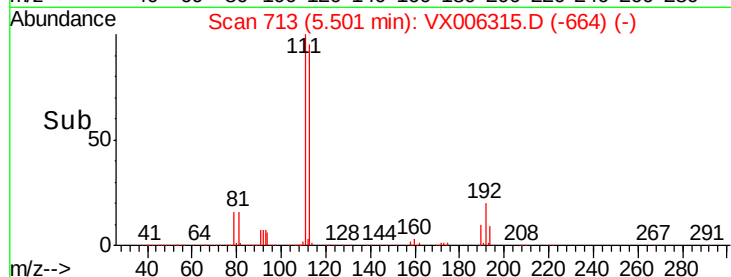
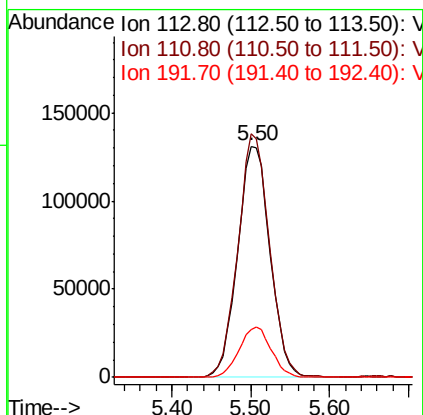
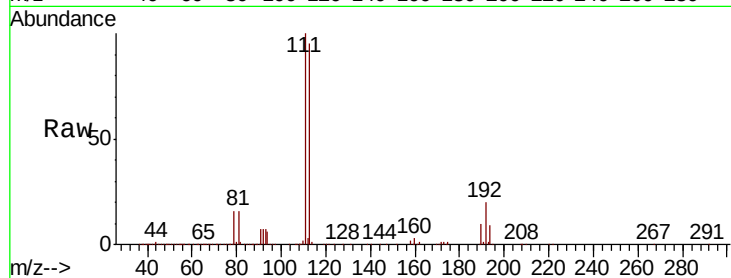




#35
 Dibromofluoromethane
 Concen: 48.222 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006315.D
 Acq: 06 Dec 2018 13:51

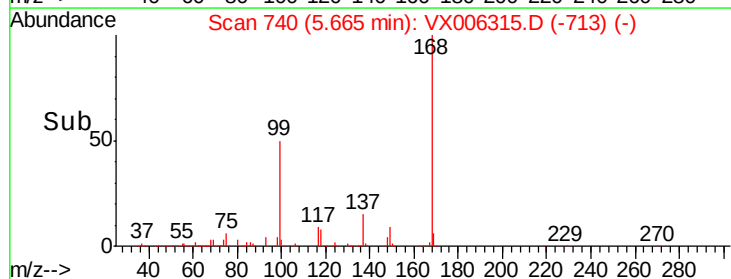
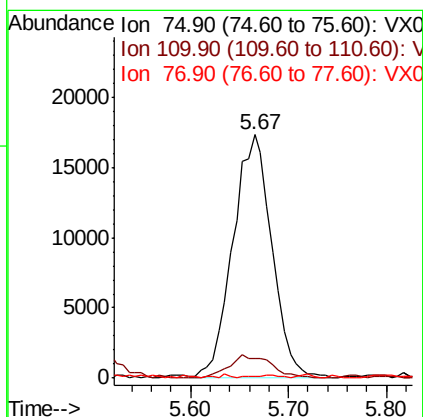
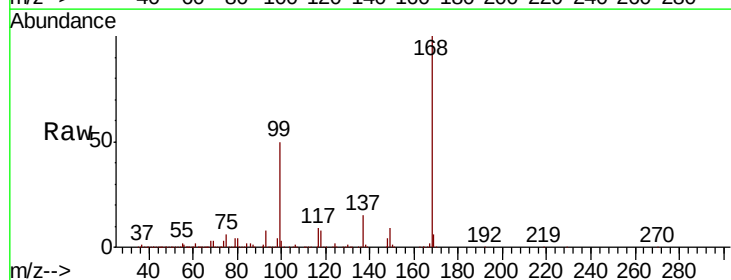
Instrument :
 MSVOA_X
 ClientSampleId :

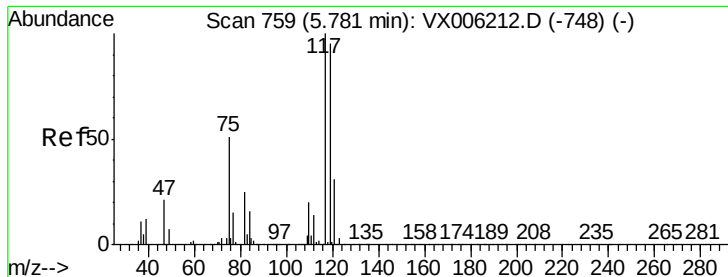
Tot Ion:113 Resp: 374739
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 21.7 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.709 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006315.D
 Acq: 06 Dec 2018 13:51

Tgt Ion: 75 Resp: 47595
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.4 61.3#
 77 0.9 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.950 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

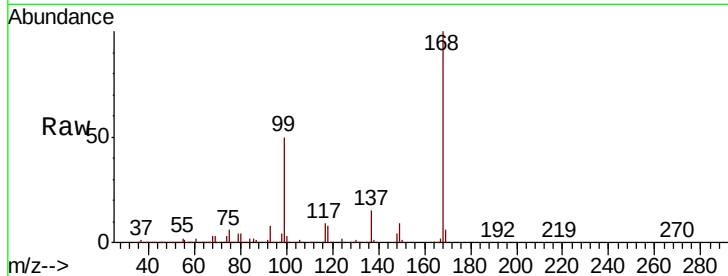
Tot Ion:117 Resp: 70745

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.8#

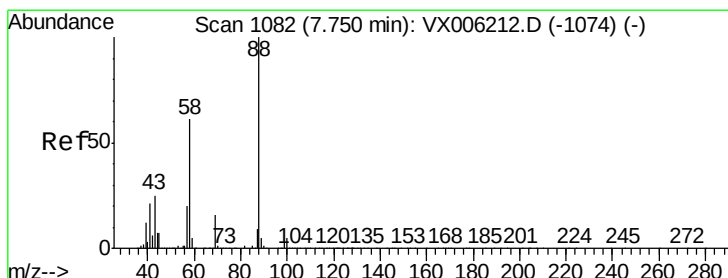
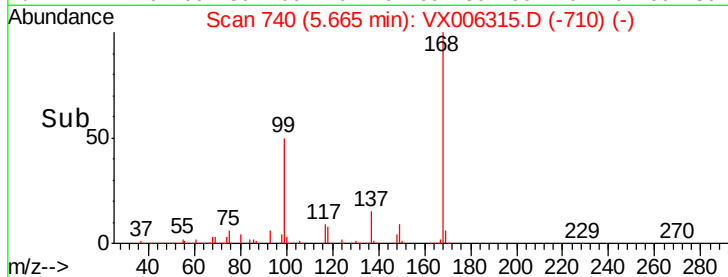
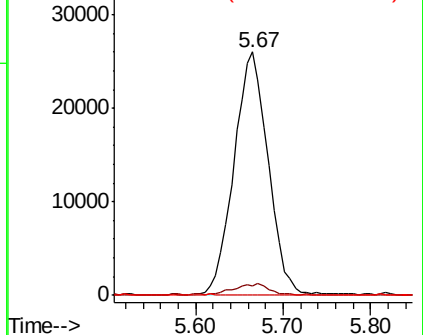
121 0.0 24.6 37.0#



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: 0.654 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

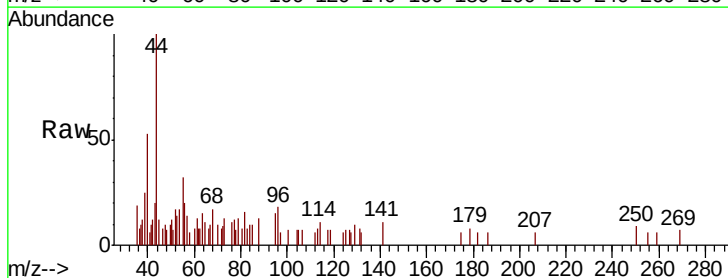
Tgt Ion: 88 Resp: 148

Ion Ratio Lower Upper

88 100

43 73.0 23.2 34.8#

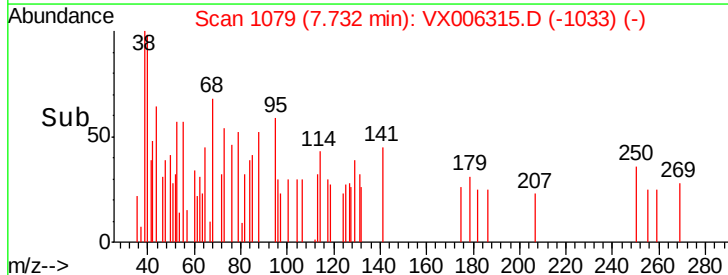
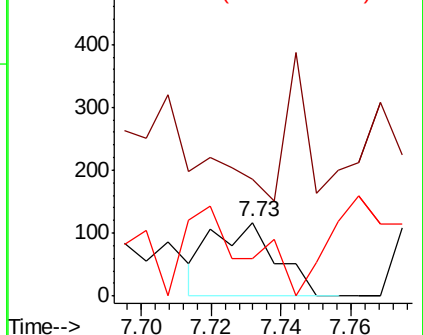
58 0.0 51.4 77.0#

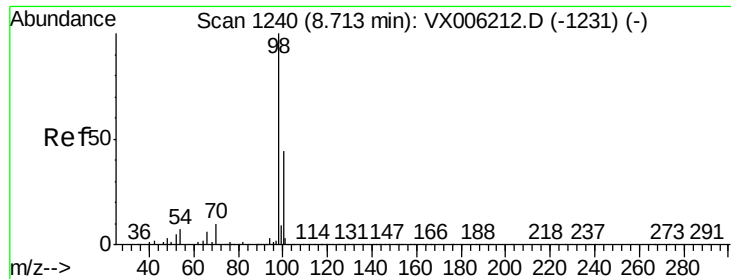


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

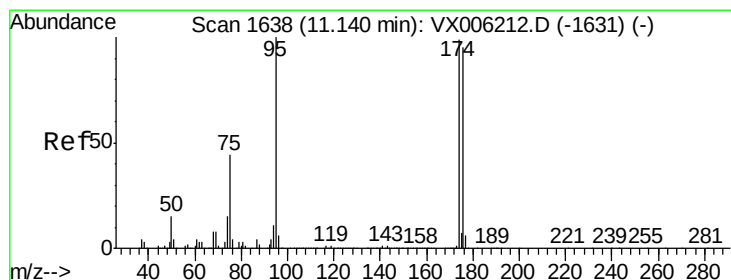
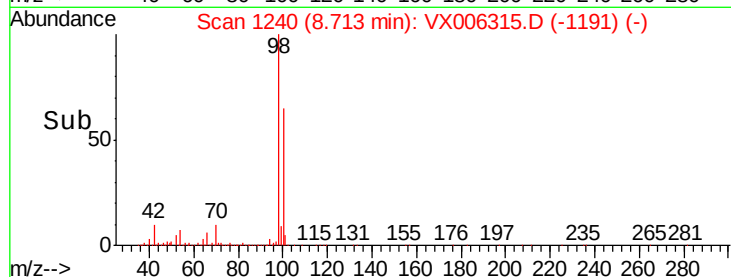
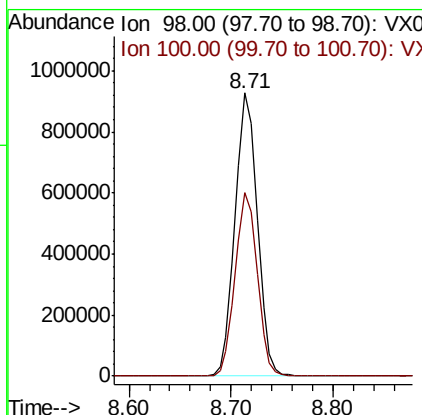
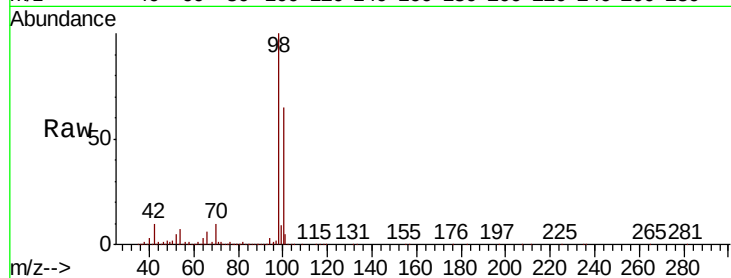




#50
Toluene-d8
Concen: 49.515 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006315.D
Acq: 06 Dec 2018 13:51

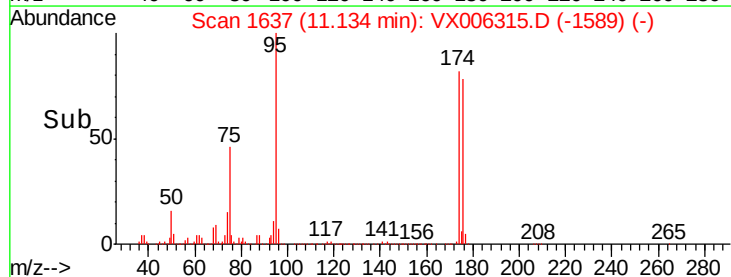
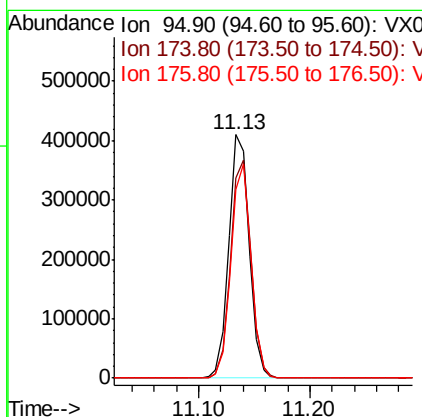
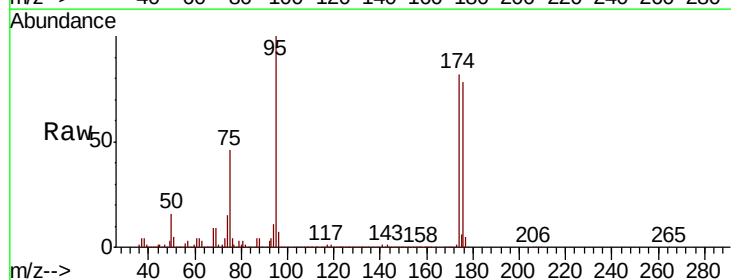
Instrument :
MSVOA_X
ClientSampleId :

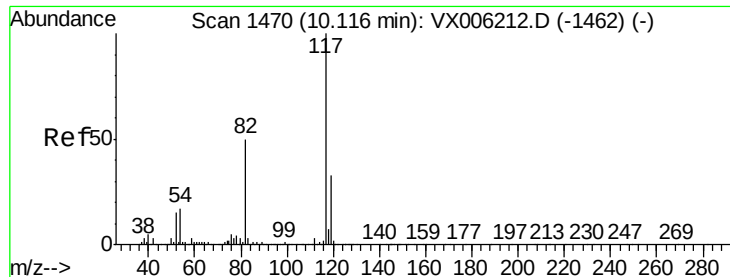
Tot Ion: 98 Resp: 1399637
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.775 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006315.D
Acq: 06 Dec 2018 13:51

Tgt Ion: 95 Resp: 519546
Ion Ratio Lower Upper
95 100
174 89.5 0.0 187.0
176 86.7 0.0 181.8

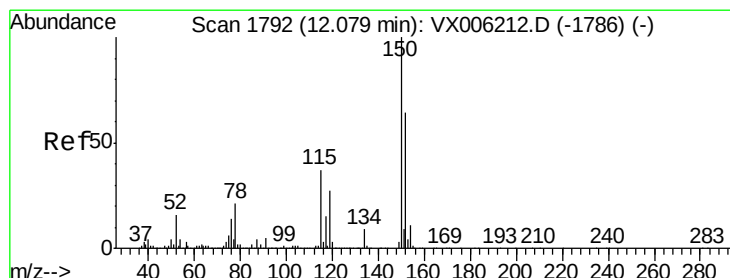
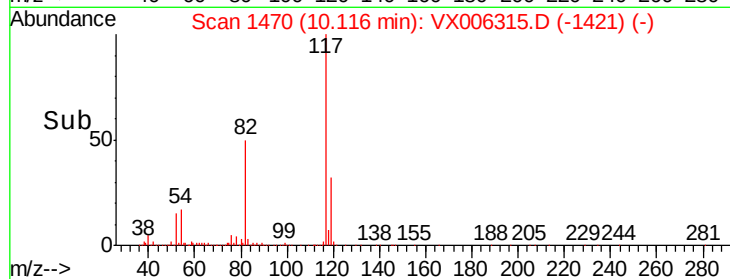
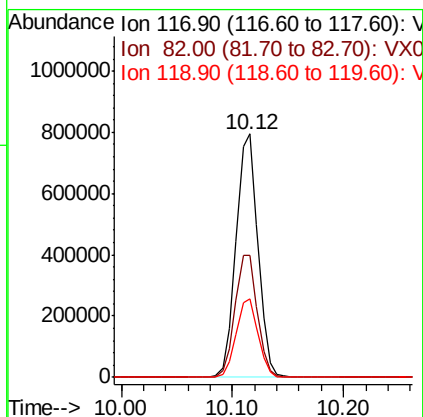
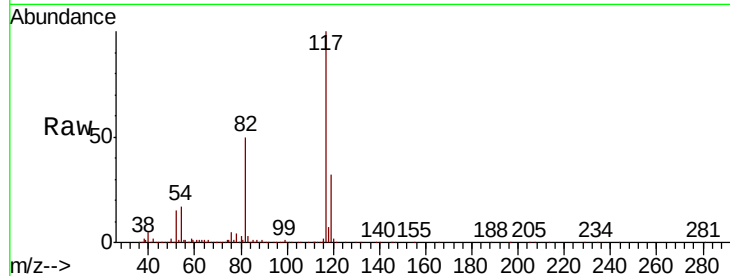




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006315.D
Acq: 06 Dec 2018 13:51

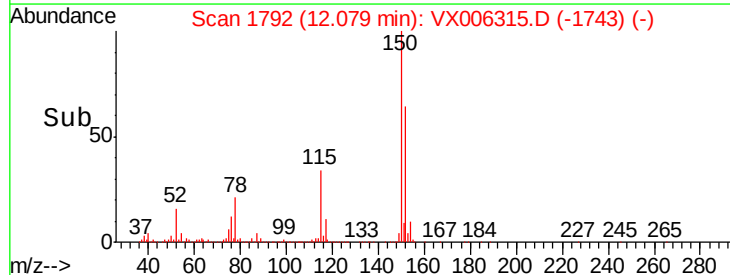
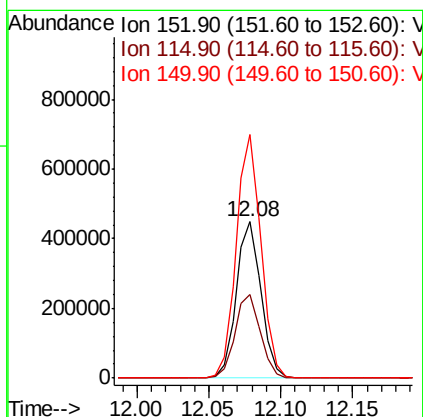
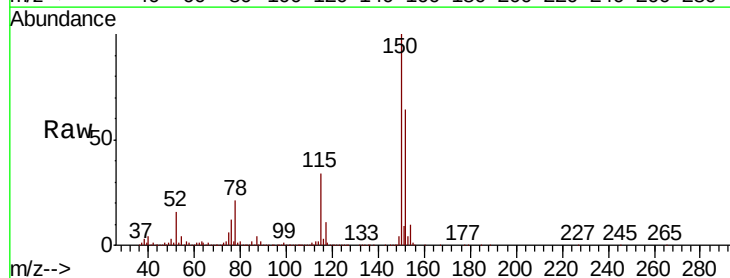
Instrument :
MSVOA_X
ClientSampled :

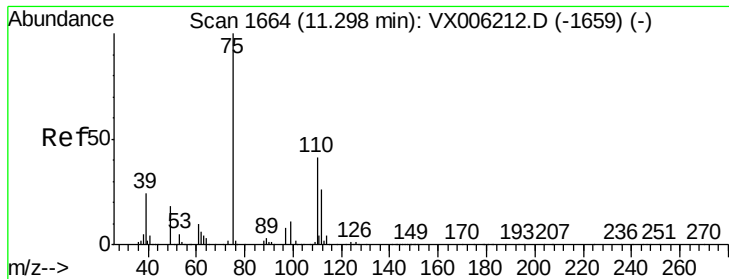
Tot Ion:117 Resp: 1080313
Ion Ratio Lower Upper
117 100
82 50.2 39.6 59.4
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006315.D
Acq: 06 Dec 2018 13:51

Tgt Ion:152 Resp: 535481
Ion Ratio Lower Upper
152 100
115 55.5 39.0 116.9
150 156.2 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 22.861 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

Instrument :

MSVOA_X

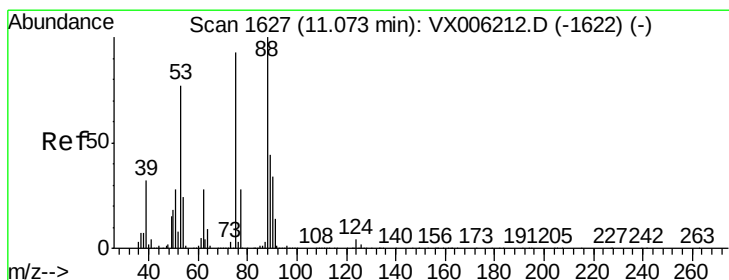
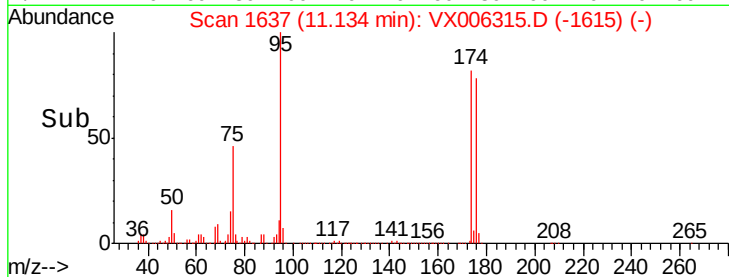
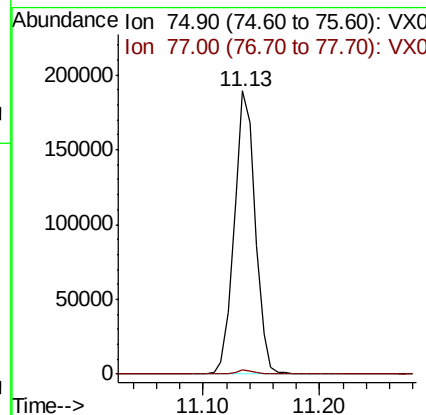
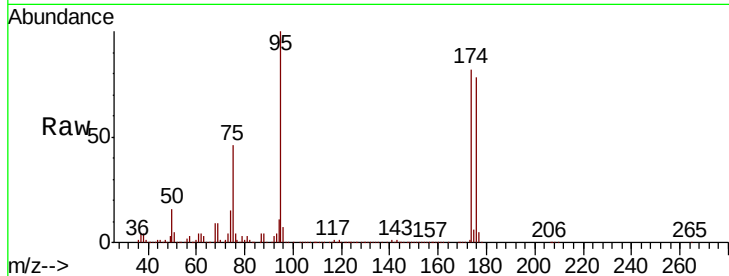
ClientSampleId :

Tot Ion: 75 Resp: 236286

Ion Ratio Lower Upper

75 100

77 1.4 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.649 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006315.D

Acq: 06 Dec 2018 13:51

Tgt Ion: 75 Resp: 236286

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

