

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006520.D
 Acq On : 14 Dec 2018 16:05
 Operator : JC/MD
 Sample : J6396-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:36:45 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

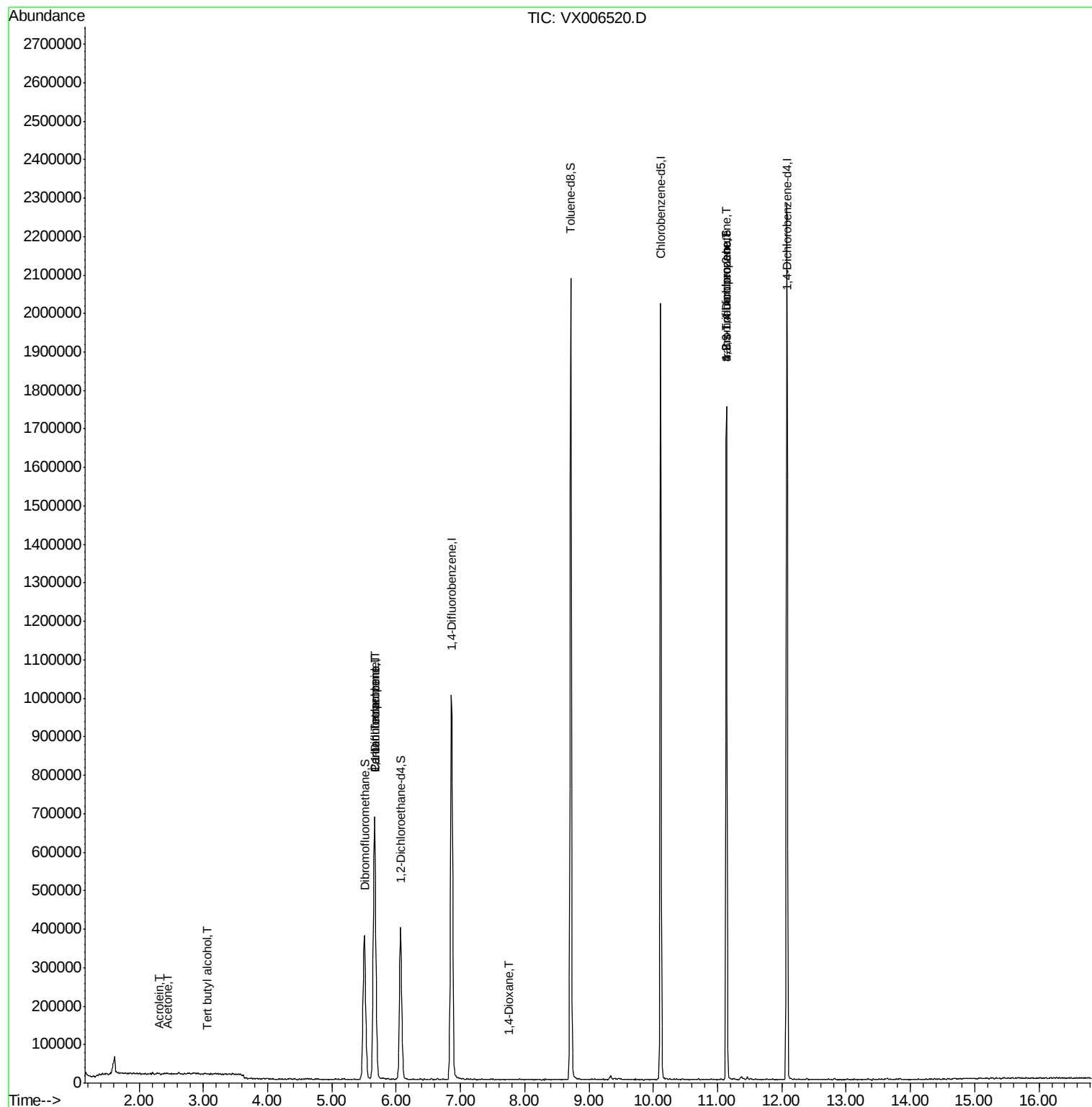
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	684195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1091608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1000759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	369246	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	5.50	113	325604	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	8.71	98	1286242	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	470377	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	574	0.301	ug/l #	33
13) Acrolein	2.31	56	253	0.242	ug/l #	70
16) Acetone	2.45	43	1779	0.543	ug/l #	61
36) 1,1-Dichloropropene	5.66	75	47938	5.215	ug/l #	47
38) Carbon Tetrachloride	5.66	117	64990	6.010	ug/l #	17
49) 1,4-Dioxane	7.75	88	141	0.685	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	219790	23.850	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	219790	55.970	ug/l #	15

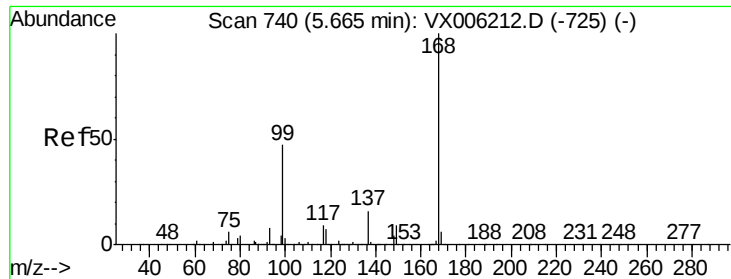
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Acq On : 14 Dec 2018 16:05
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 15 04:36:45 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: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :

MSVOA_X

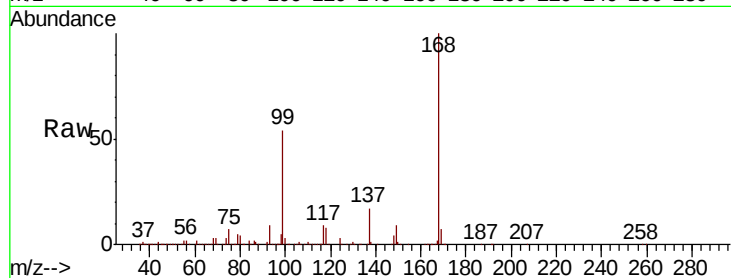
ClientSampleId :

Tot Ion:168 Resp: 684195

Ion Ratio Lower Upper

168 100

99 54.2 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

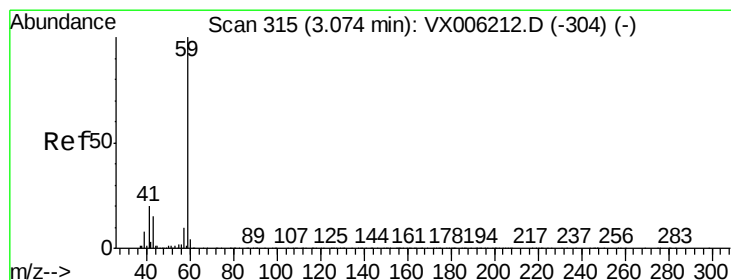
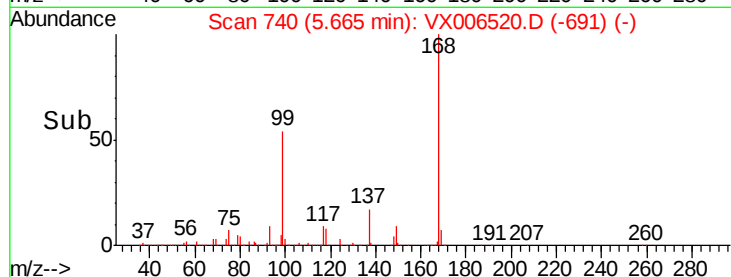
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#11

Tert butyl alcohol

Concen: 0.301 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX006520.D

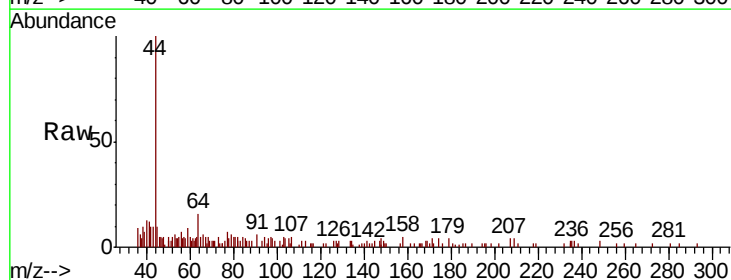
Acq: 14 Dec 2018 16:05

Tgt Ion: 59 Resp: 574

Ion Ratio Lower Upper

59 100

57 35.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

600

500

400

300

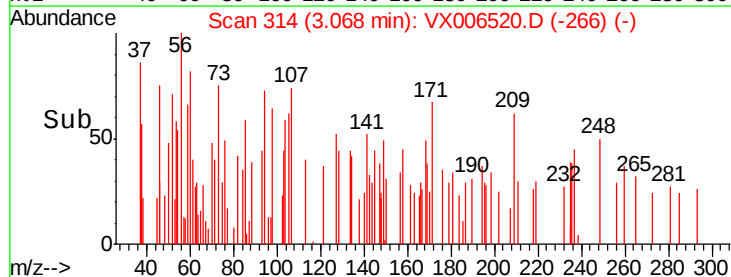
200

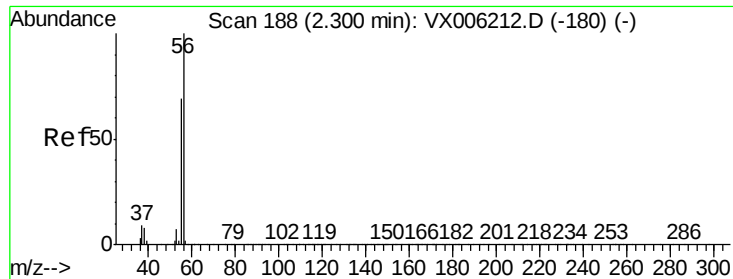
100

0

3.04 3.06 3.08 3.10

Time-->

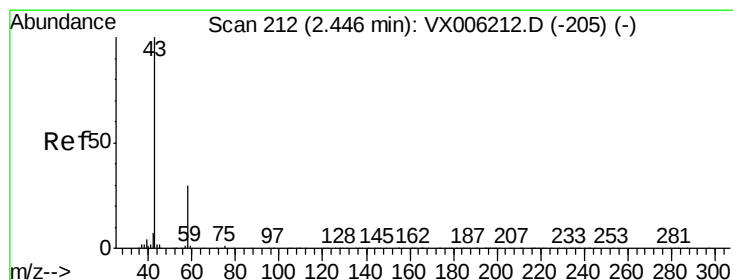
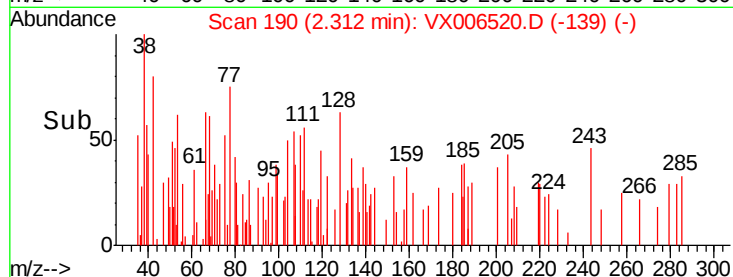
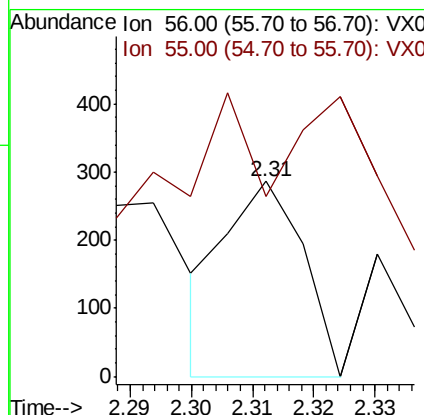
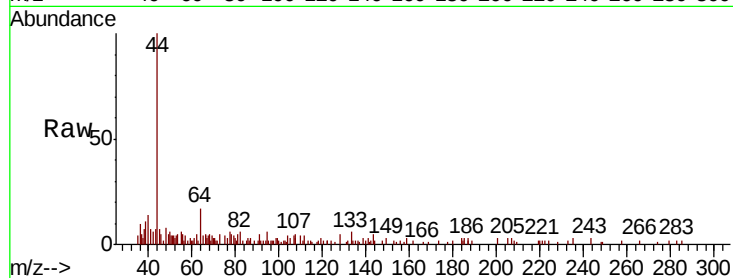




#13
Acrolein
Concen: 0.242 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.01 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

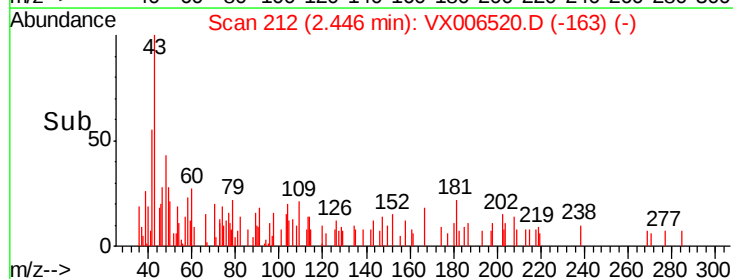
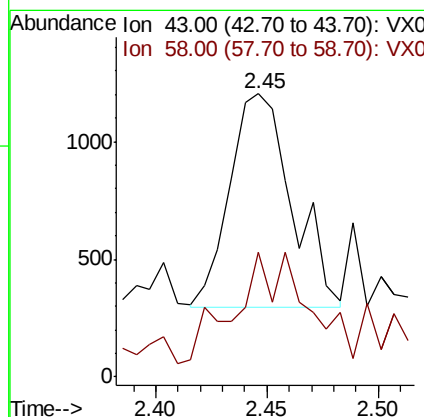
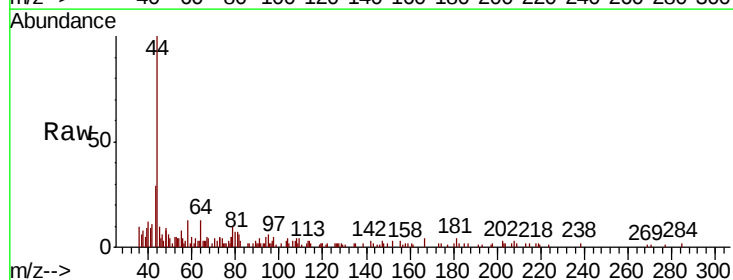
Instrument :
MSVOA_X
ClientSampled :

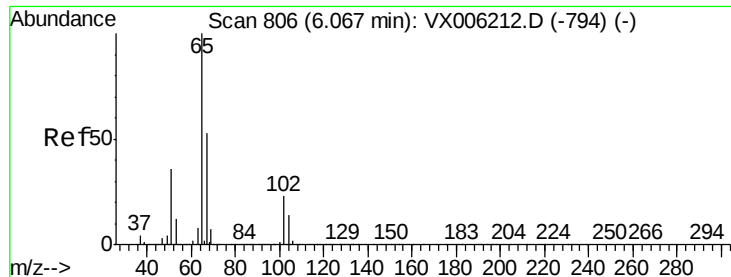
Tot Ion: 56 Resp: 253
Ion Ratio Lower Upper
56 100
55 47.4 57.8 86.6#



#16
Acetone
Concen: 0.543 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
58 50.9 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 52.866 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :

MSVOA_X

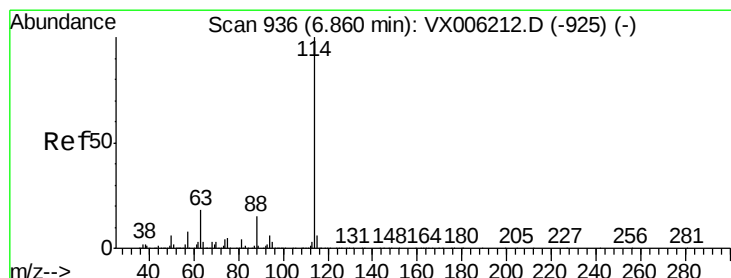
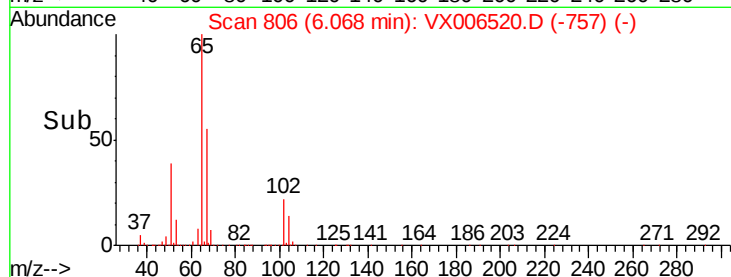
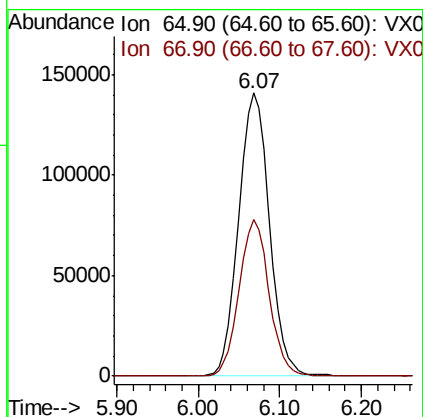
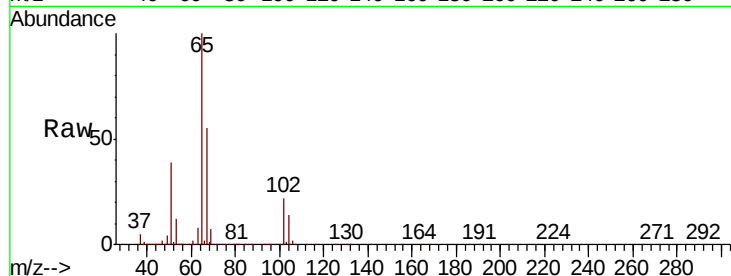
ClientSampleId :

Tot Ion: 65 Resp: 369246

Ion Ratio Lower Upper

65 100

67 53.9 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: VX006520.D

Acq: 14 Dec 2018 16:05

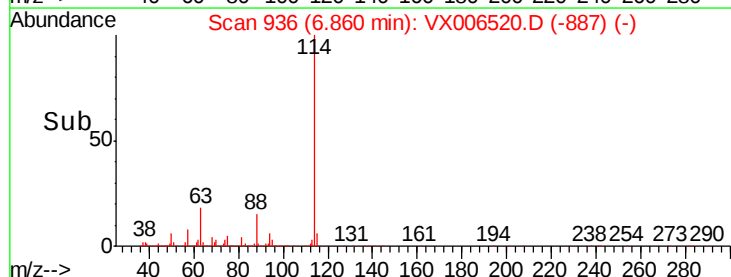
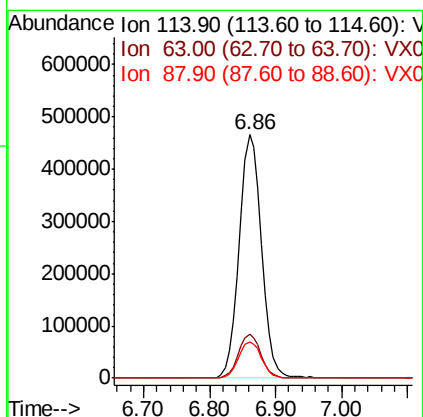
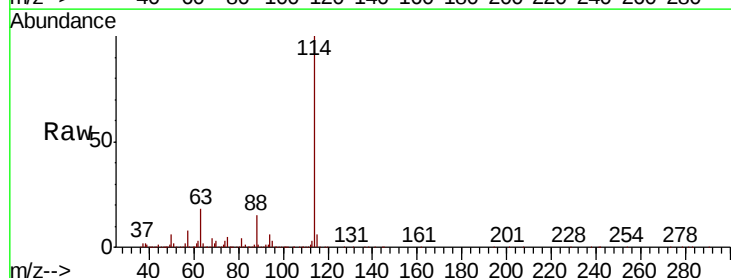
Tgt Ion: 114 Resp: 1091608

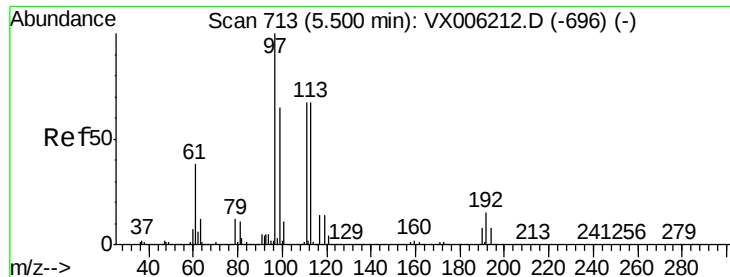
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.069 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :
MSVOA_X
ClientSampleId :

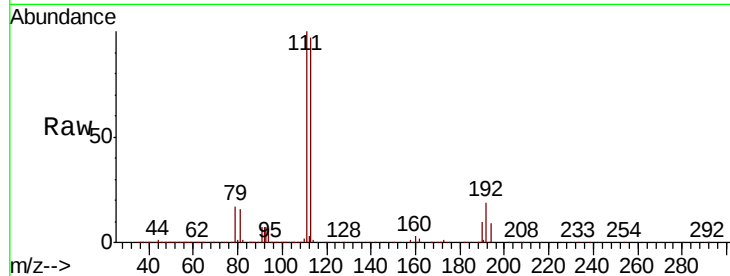
Tot Ion:113 Resp: 325604

Ion Ratio Lower Upper

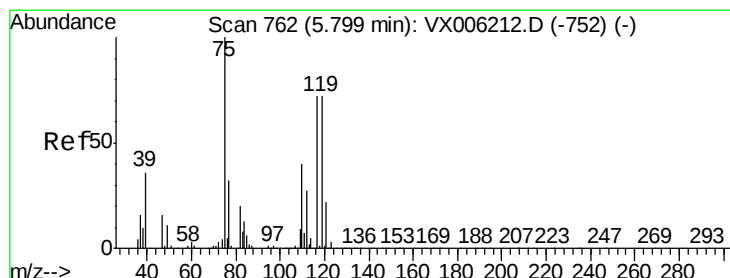
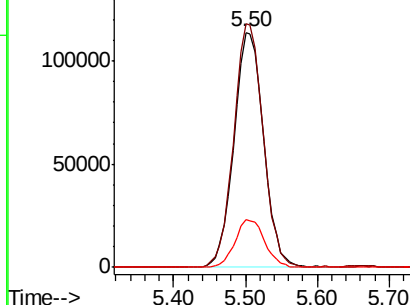
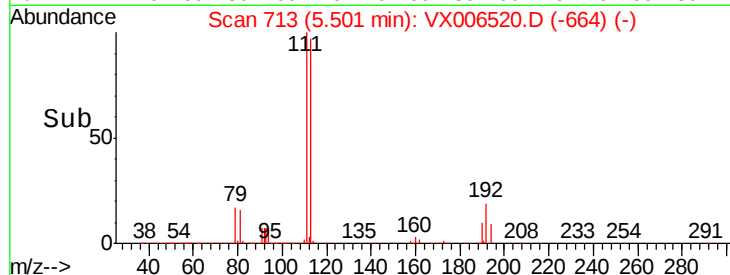
113 100

111 102.5 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: 5.215 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

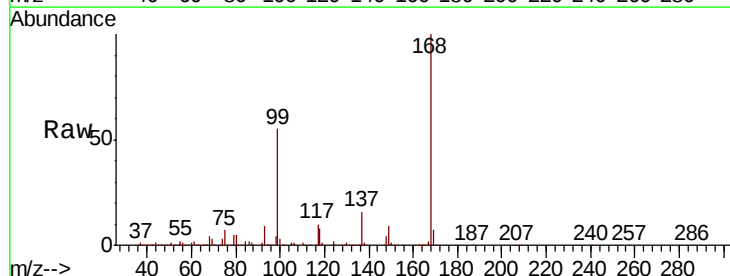
Tgt Ion: 75 Resp: 47938

Ion Ratio Lower Upper

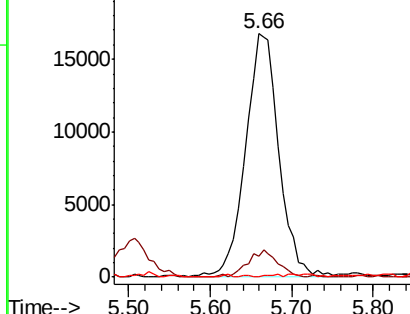
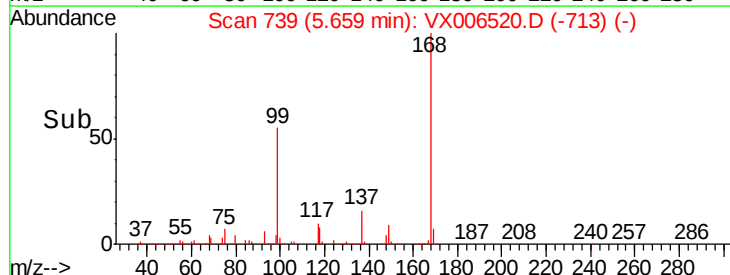
75 100

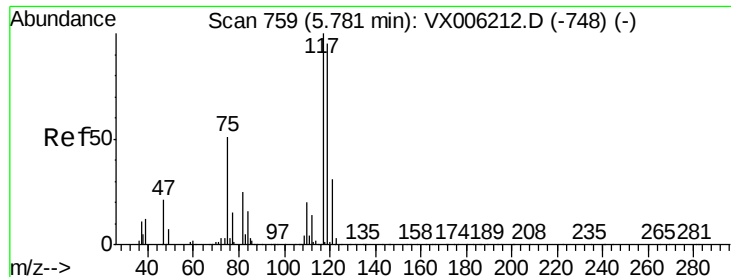
110 10.0 20.4 61.3#

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: 6.010 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

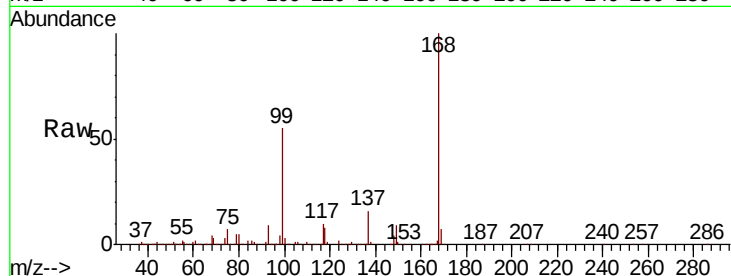
Tot Ion:117 Resp: 64990

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.8#

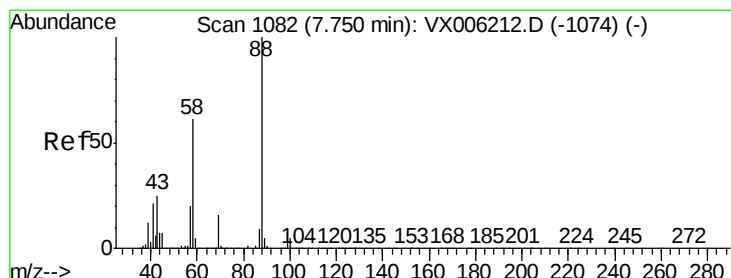
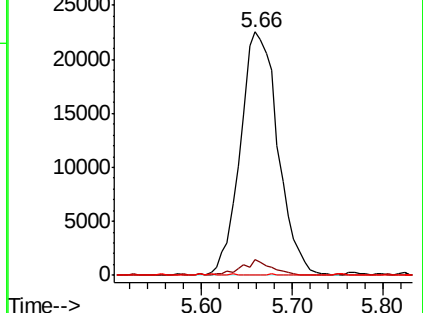
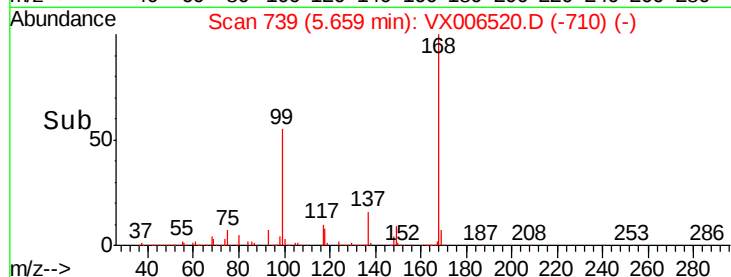
121 0.0 24.6 37.0#



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: 0.685 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006520.D

Acq: 14 Dec 2018 16:05

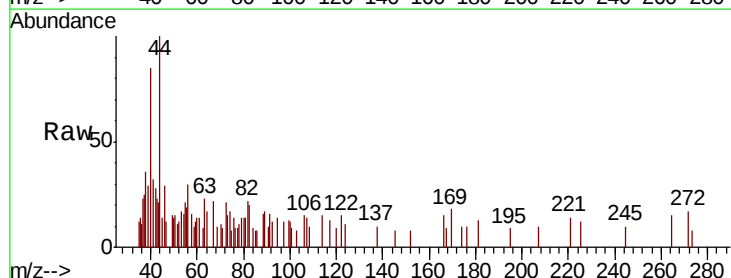
Tgt Ion: 88 Resp: 141

Ion Ratio Lower Upper

88 100

43 139.7 23.2 34.8#

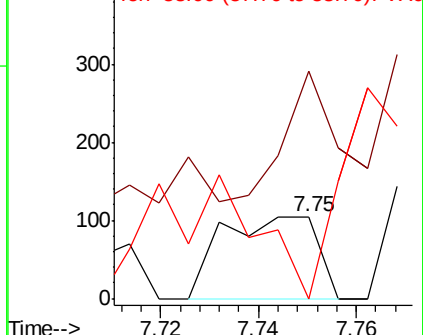
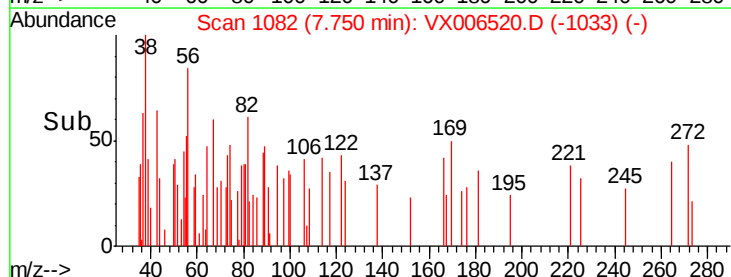
58 0.0 51.4 77.0#

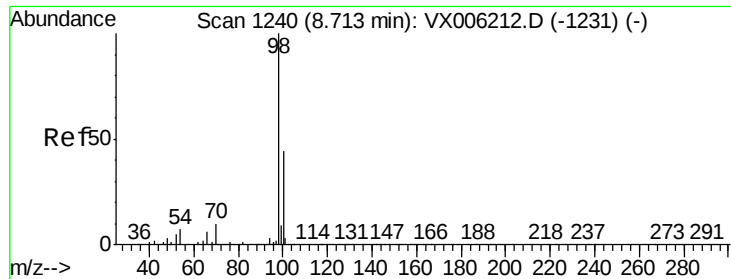


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

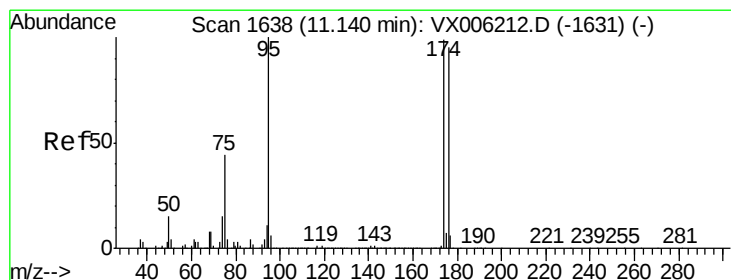
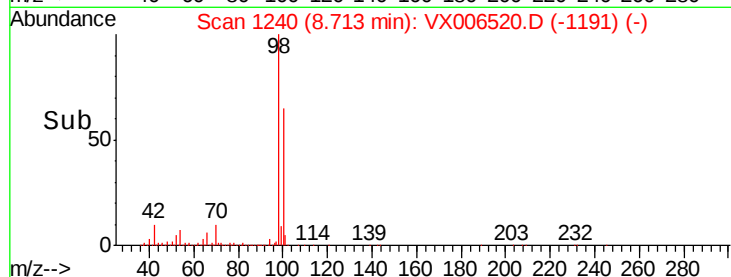
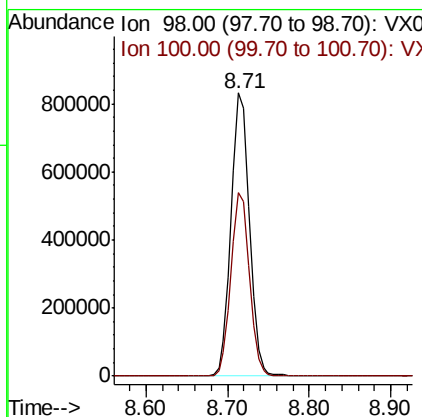
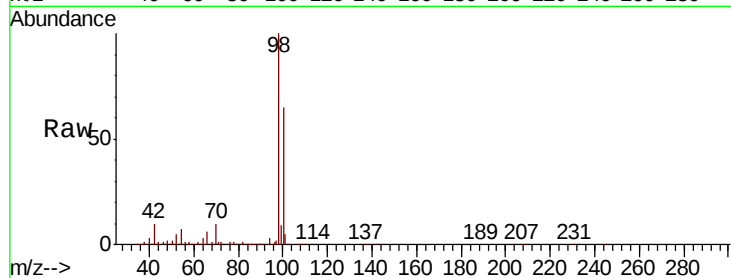




#50
Toluene-d8
Concen: 50.032 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

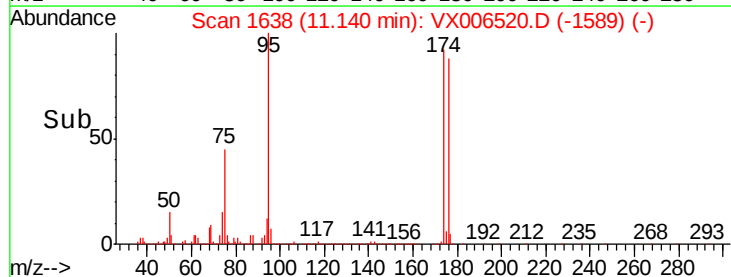
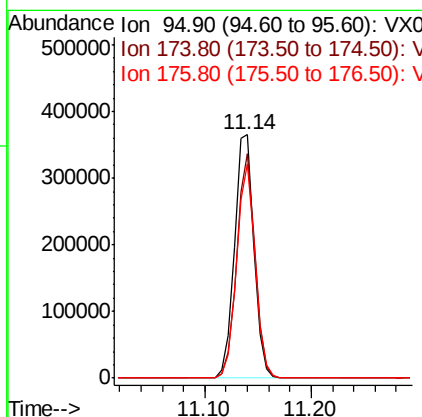
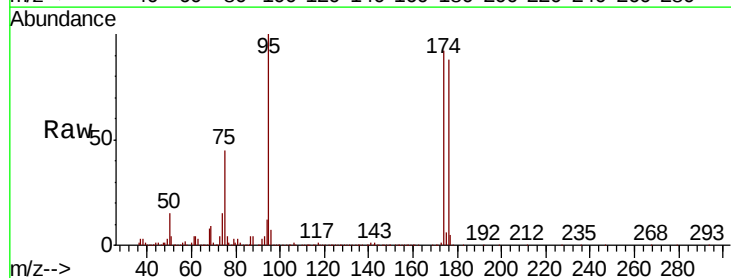
Instrument :
MSVOA_X
ClientSampleId :

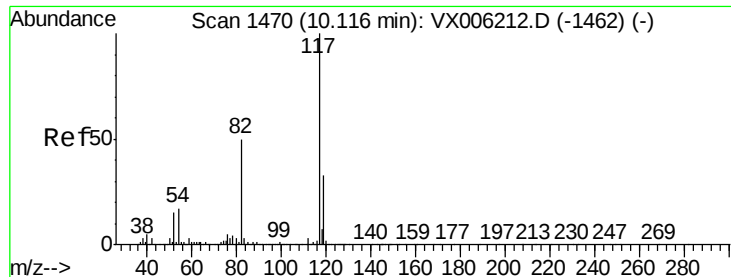
Tot Ion: 98 Resp: 1286242
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.554 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

Tgt Ion: 95 Resp: 470377
Ion Ratio Lower Upper
95 100
174 86.4 0.0 187.0
176 83.5 0.0 181.8

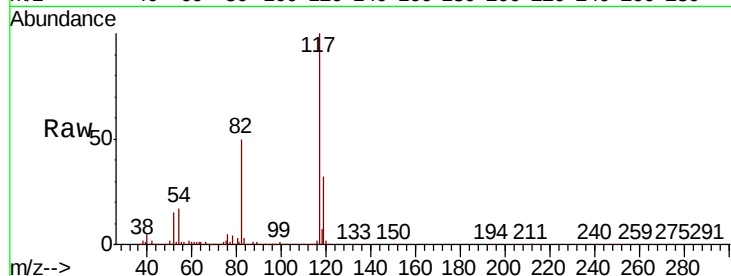




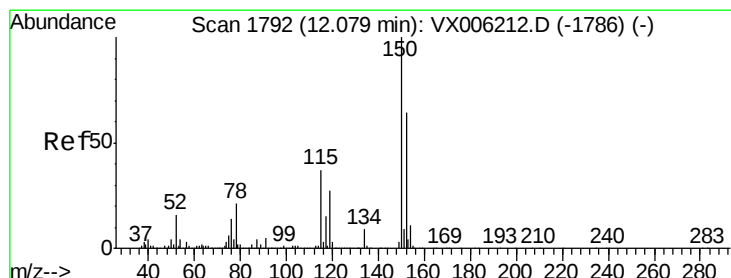
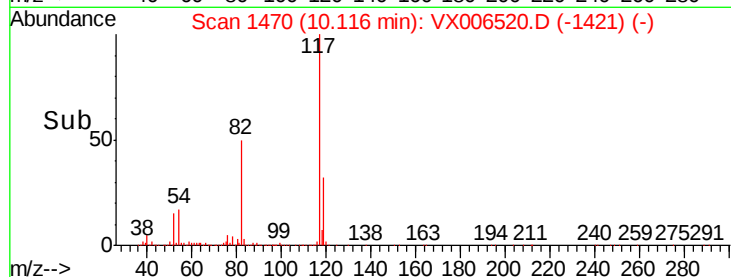
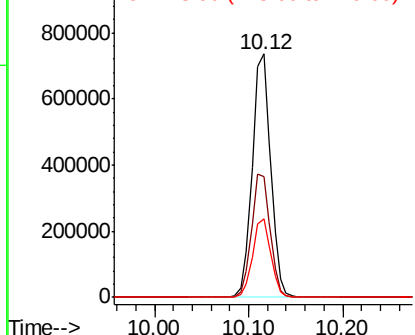
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 1000759
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.4 26.3 39.5

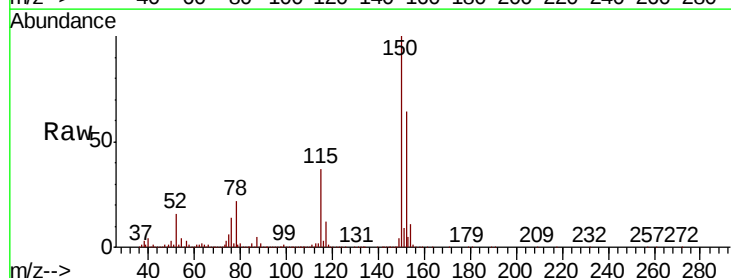


Abundance Ion 116.90 (116.60 to 117.60): V
1000000 Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

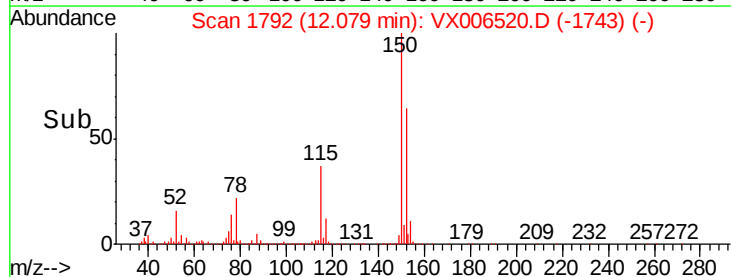
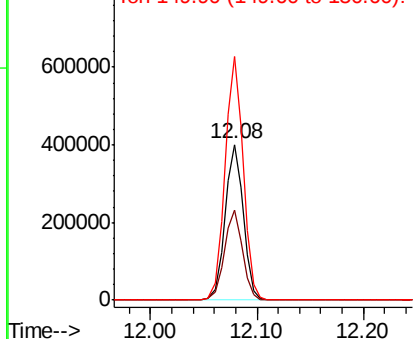


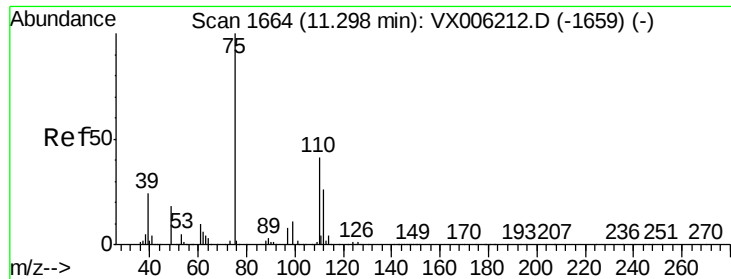
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006520.D
Acq: 14 Dec 2018 16:05

Tgt Ion:152 Resp: 477443
Ion Ratio Lower Upper
152 100
115 57.7 39.0 116.9
150 156.4 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
800000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

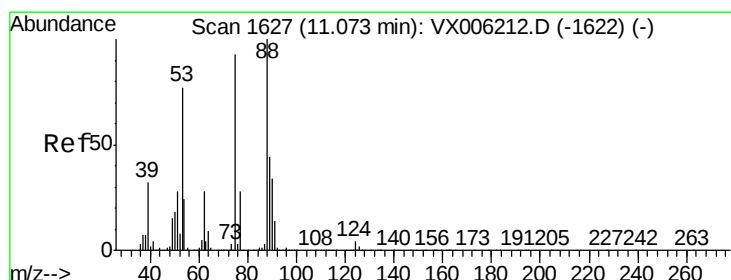
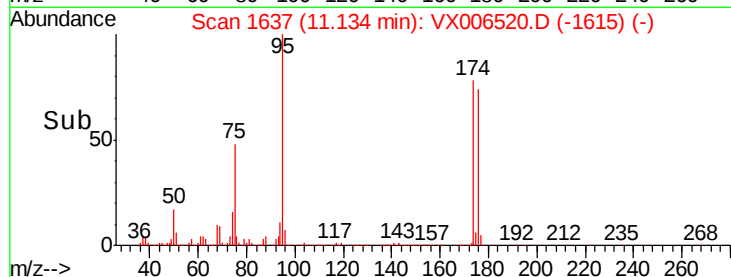
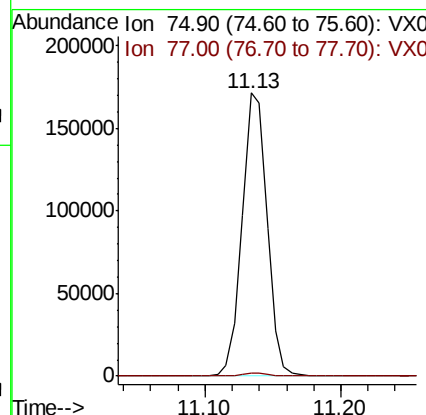
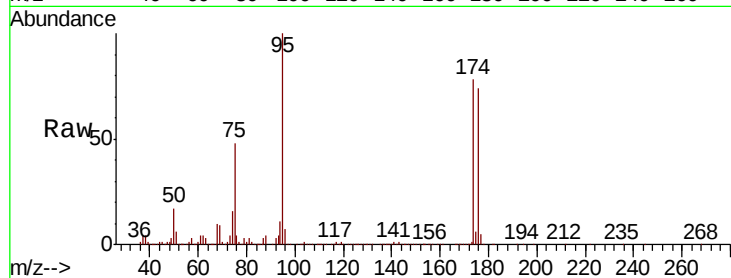




#76
 1,2,3-Trichloropropane
 Concen: 23.850 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006520.D
 Acq: 14 Dec 2018 16:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 219790
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.970 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006520.D
 Acq: 14 Dec 2018 16:05

Tgt Ion: 75 Resp: 219790
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

