

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006218.D
 Acq On : 30 Nov 2018 09:40
 Operator : JC/MD
 Sample : VX1130WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBL01

Quant Time: Nov 30 22:14:58 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	899394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1294819	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1142693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	577554	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	421821	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
35) Dibromofluoromethane	5.50	113	408827	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1495572	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.14	95	540077	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	

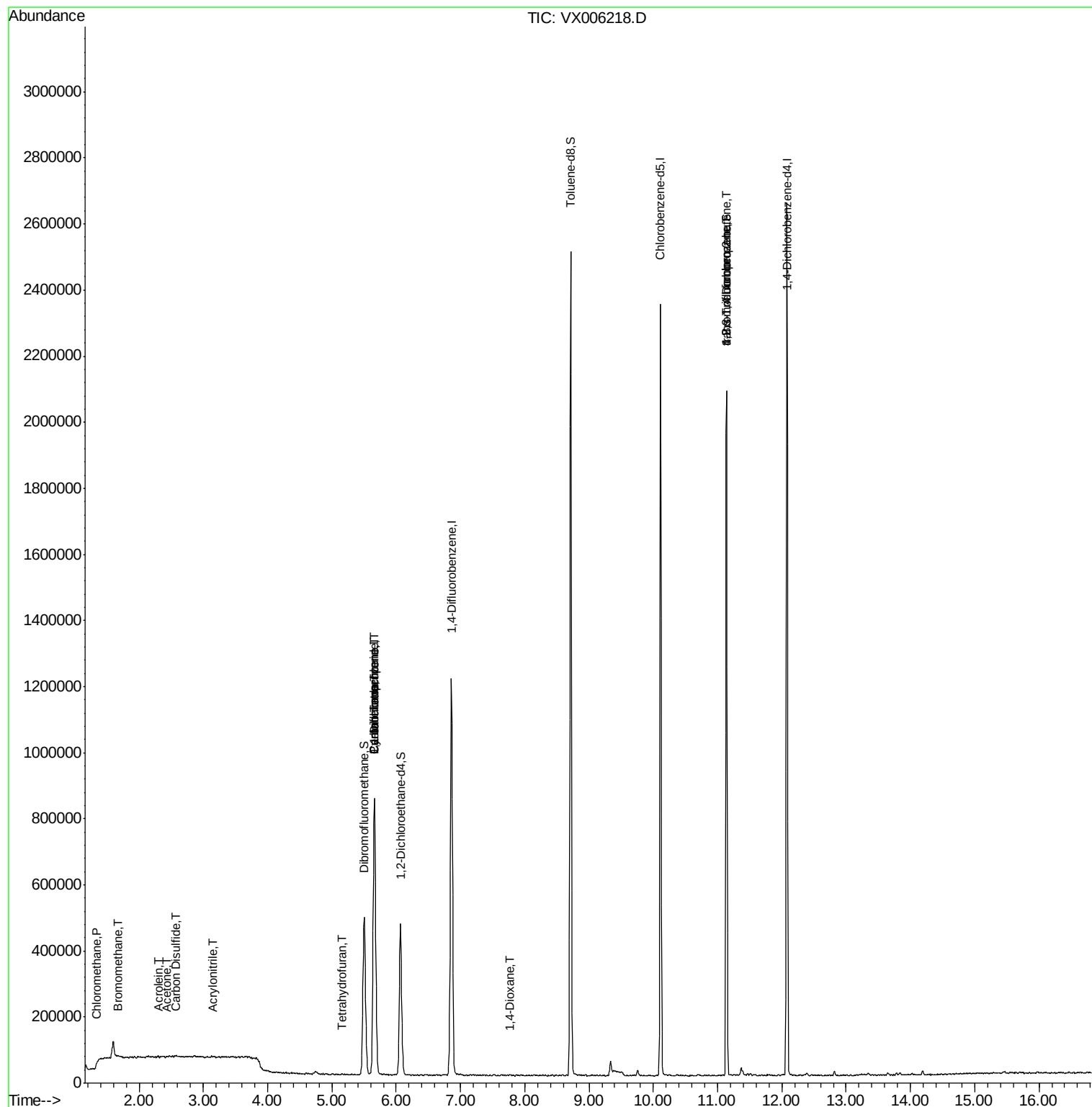
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2219	0.245	ug/l	94
5) Bromomethane	1.67	94	2755	0.408	ug/l #	47
13) Acrolein	2.31	56	1249	0.910	ug/l #	53
15) Acrylonitrile	3.15	53	2227	0.425	ug/l #	65
16) Acetone	2.43	43	2192	0.509	ug/l #	53
17) Carbon Disulfide	2.57	76	6903	0.275	ug/l #	90
29) Tetrahydrofuran	5.16	42	1121	0.262	ug/l	94
31) Cyclohexane	5.67	56	13744	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	53123	4.872	ug/l #	49
38) Carbon Tetrachloride	5.66	117	77975	6.079	ug/l #	16
49) 1,4-Dioxane	7.76	88	364	1.491	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	250197	22.444	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	250197	52.669	ug/l #	15

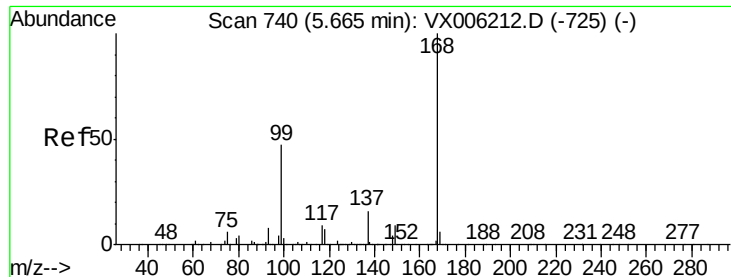
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006218.D
Acq On : 30 Nov 2018 09:40
Operator : JC/MD
Sample : VX1130WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

Quant Time: Nov 30 22:14:58 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: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampleId :

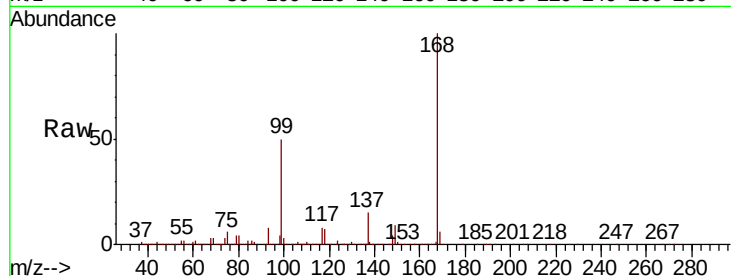
VX1130WBL01

Tot Ion:168 Resp: 899394

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

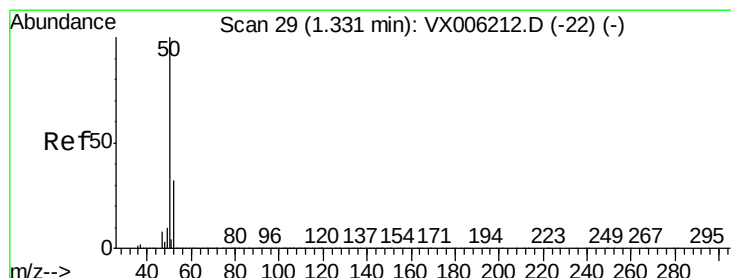
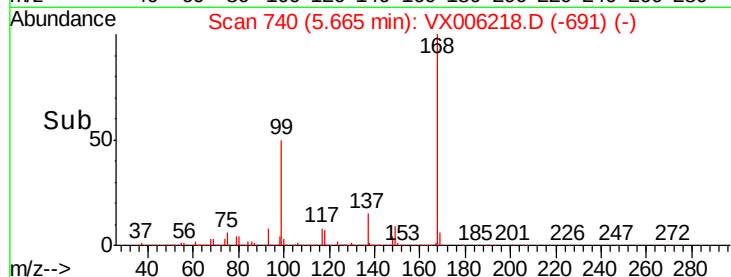
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.245 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006218.D

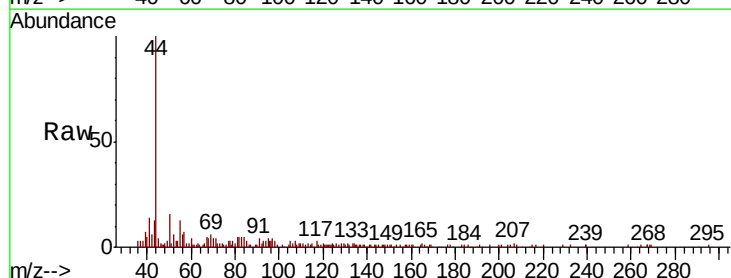
Acq: 30 Nov 2018 09:40

Tgt Ion: 50 Resp: 2219

Ion Ratio Lower Upper

50 100

52 34.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

2000

1500

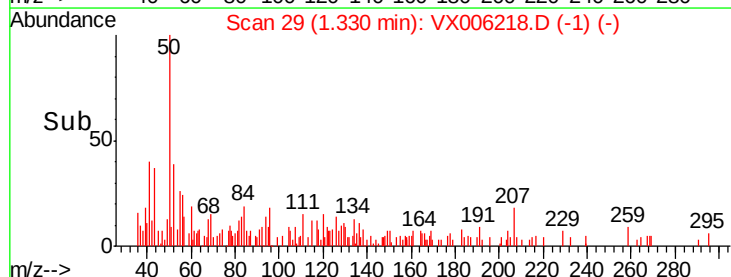
1000

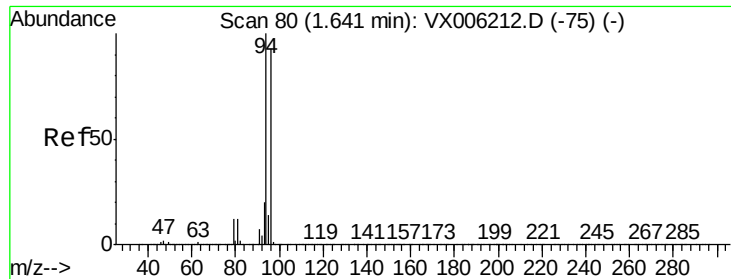
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.408 ug/l

RT: 1.67 min Scan# 84

Delta R.T. 0.02 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampled :

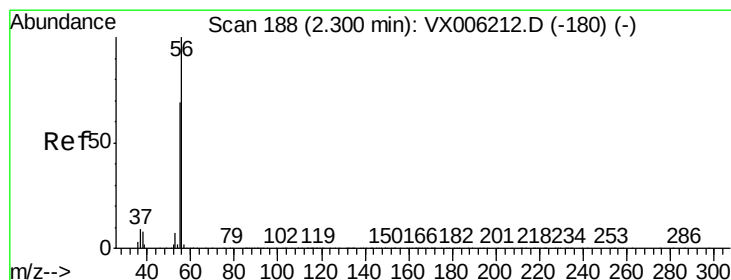
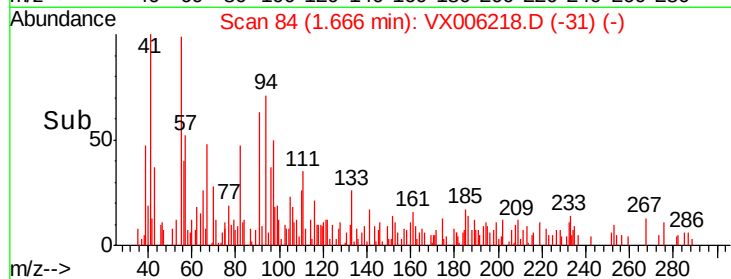
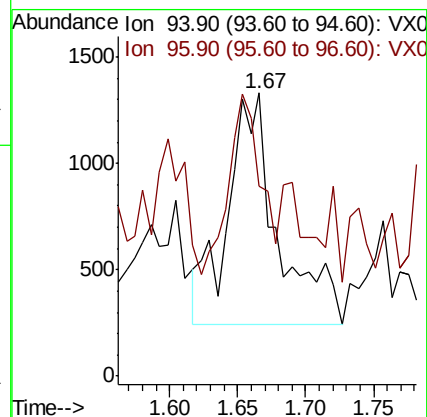
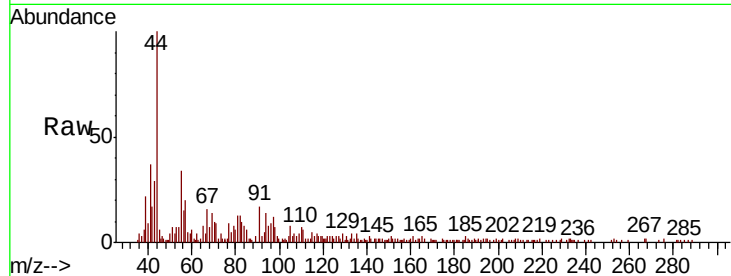
VX1130WBL01

Tot Ion: 94 Resp: 2755

Ion Ratio Lower Upper

94 100

96 41.8 74.5 111.7#



#13

Acrolein

Concen: 0.910 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX006218.D

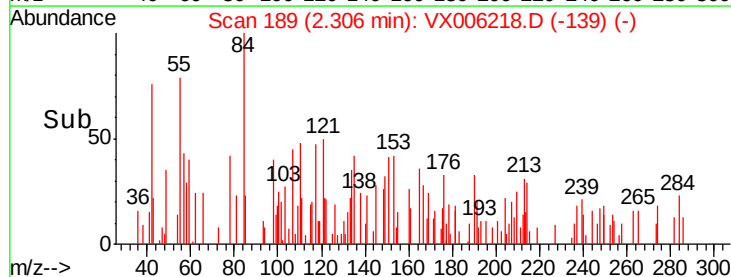
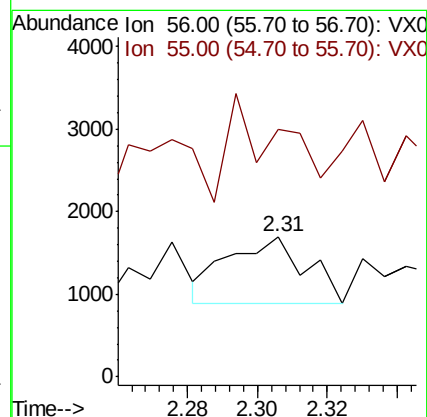
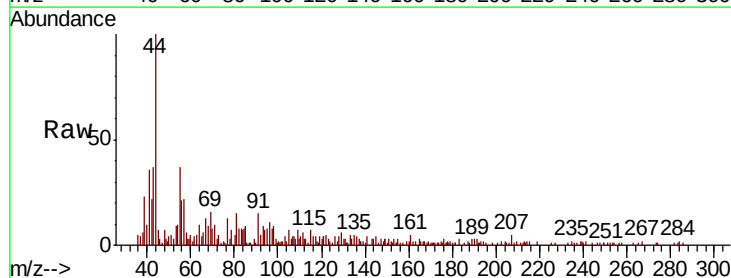
Acq: 30 Nov 2018 09:40

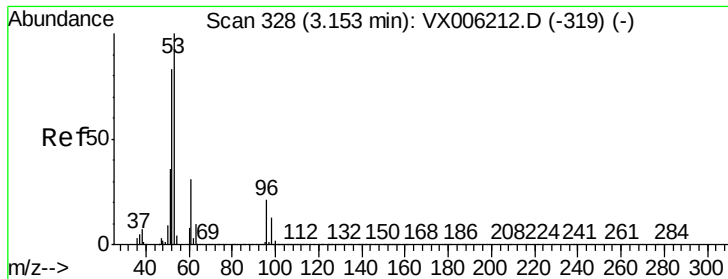
Tgt Ion: 56 Resp: 1249

Ion Ratio Lower Upper

56 100

55 111.0 57.8 86.6#





#15

Acrylonitrile

Concen: 0.425 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampled :

VX1130WBL01

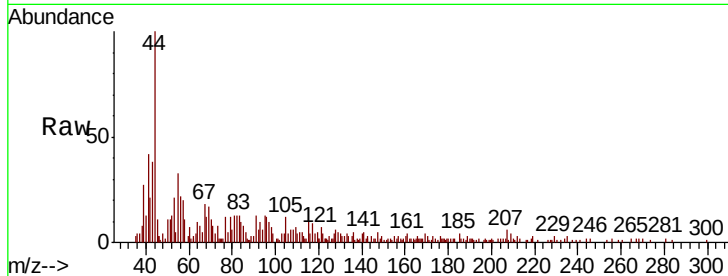
Tot Ion: 53 Resp: 2227

Ion Ratio Lower Upper

53 100

52 47.1 66.2 99.4#

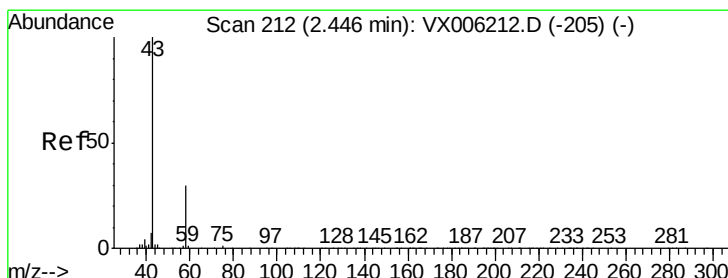
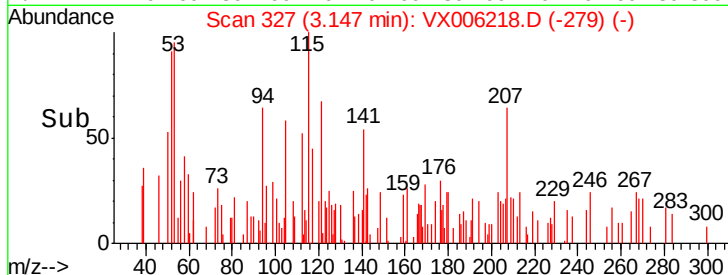
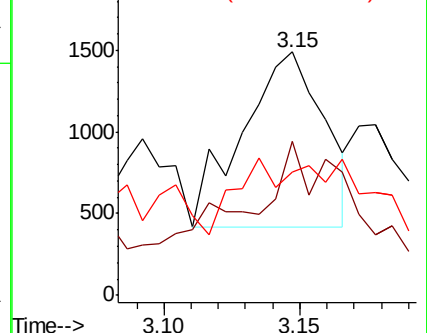
51 21.6 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.509 ug/l

RT: 2.43 min Scan# 209

Delta R.T. -0.02 min

Lab File: VX006218.D

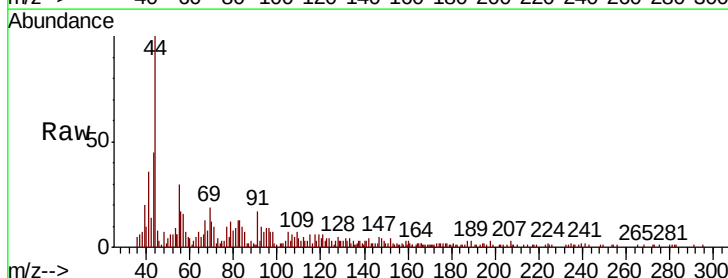
Acq: 30 Nov 2018 09:40

Tgt Ion: 43 Resp: 2192

Ion Ratio Lower Upper

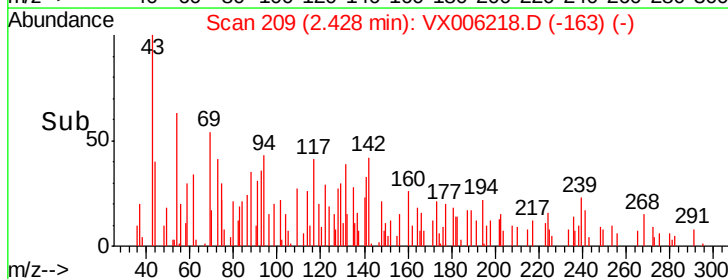
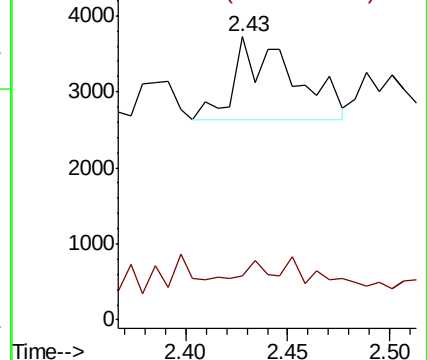
43 100

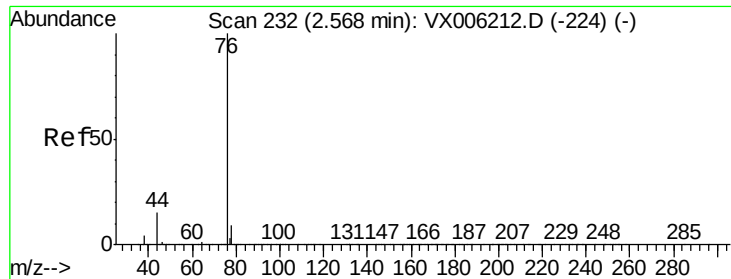
58 4.3 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

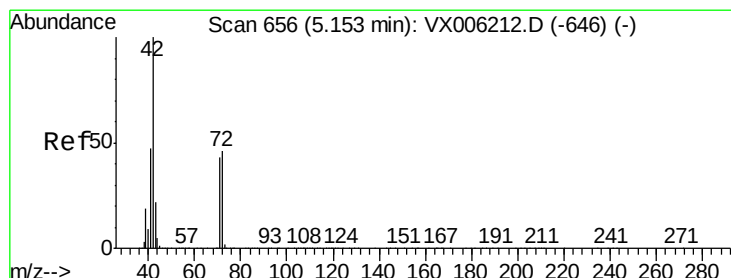
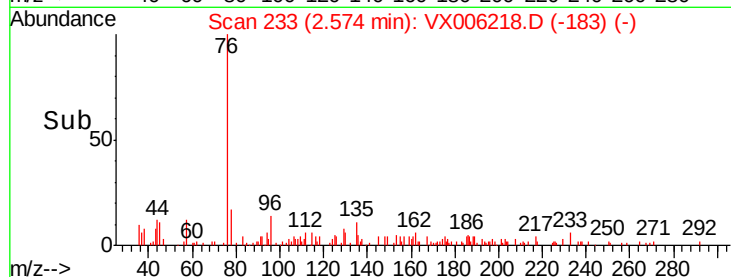
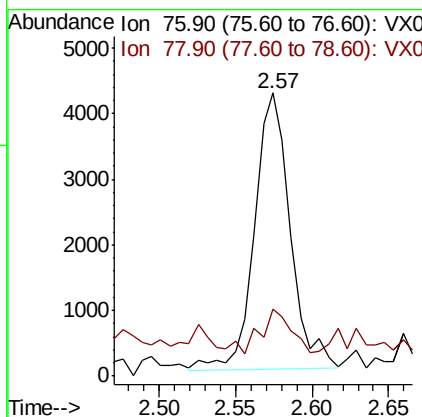
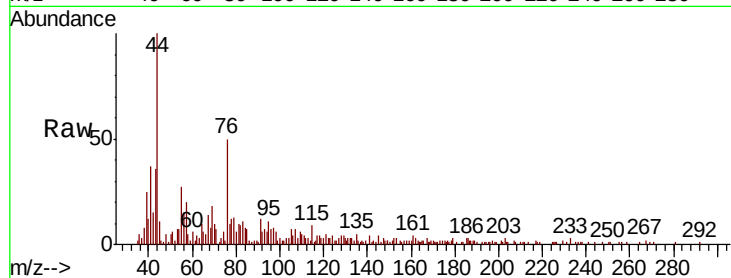




#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006218.D
Acq: 30 Nov 2018 09:40

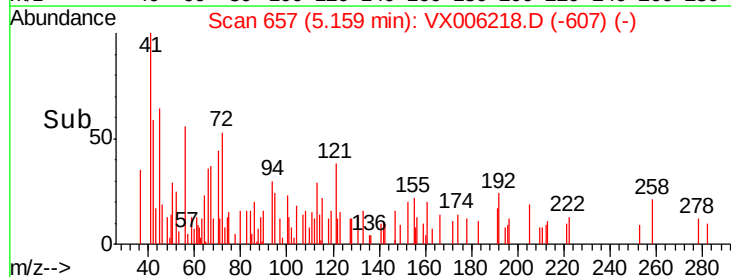
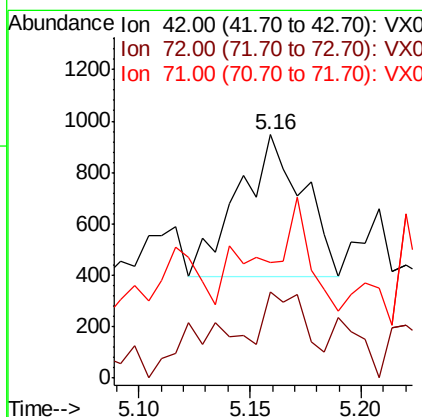
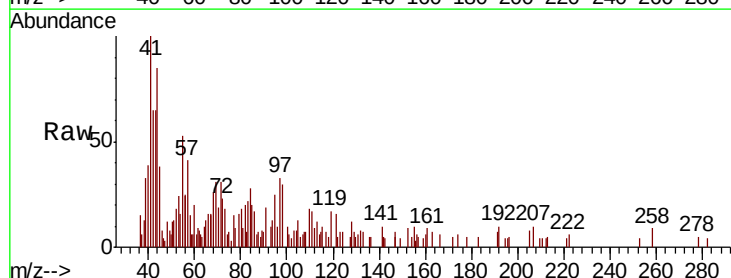
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

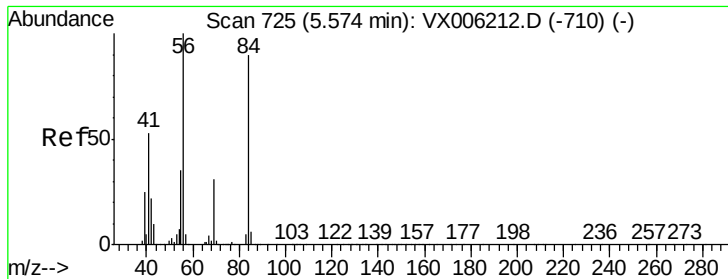
Tot Ion: 76 Resp: 6903
Ion Ratio Lower Upper
76 100
78 12.6 7.1 10.7#



#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006218.D
Acq: 30 Nov 2018 09:40

Tgt Ion: 42 Resp: 1121
Ion Ratio Lower Upper
42 100
72 39.2 37.8 56.8
71 44.2 35.2 52.8





#31

Cyclohexane

Concen: 1.036 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampled :

VX1130WBL01

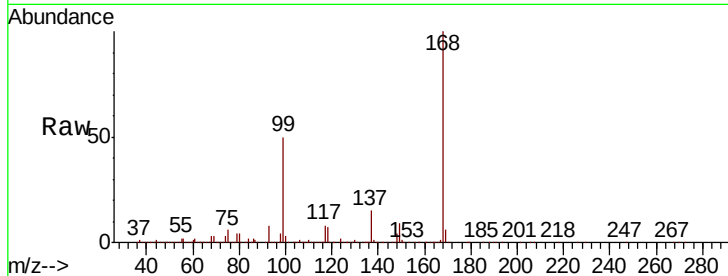
Tot Ion: 56 Resp: 13744

Ion Ratio Lower Upper

56 100

69 175.2 24.5 36.7#

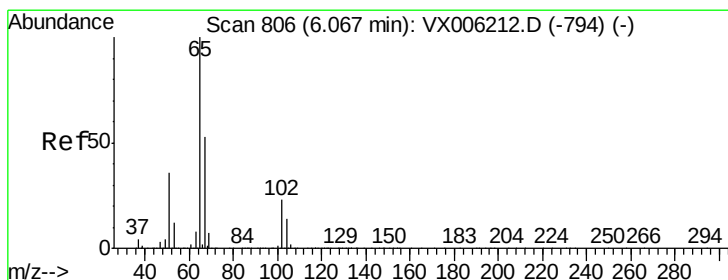
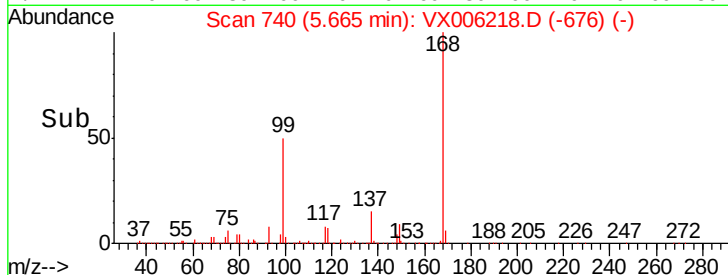
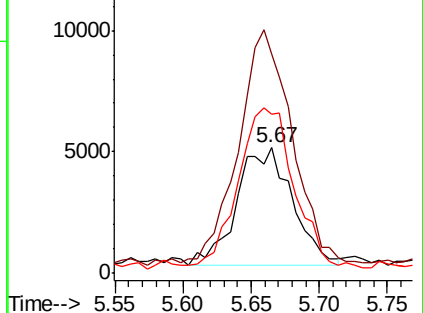
84 129.3 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.943 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006218.D

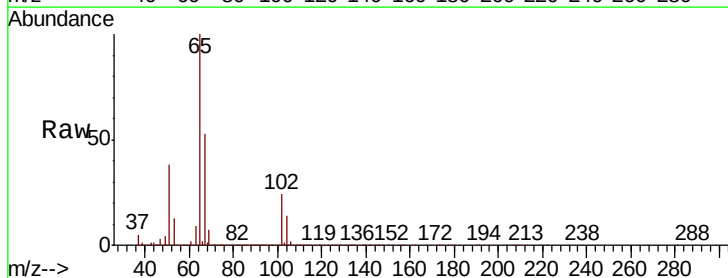
Acq: 30 Nov 2018 09:40

Tgt Ion: 65 Resp: 421821

Ion Ratio Lower Upper

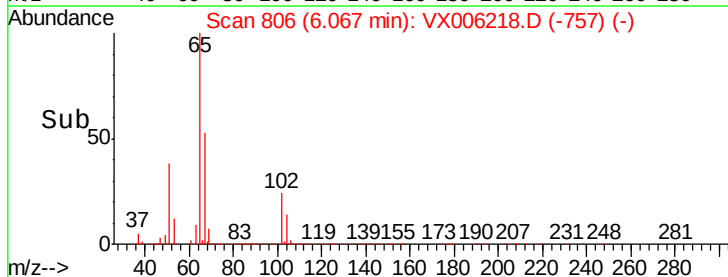
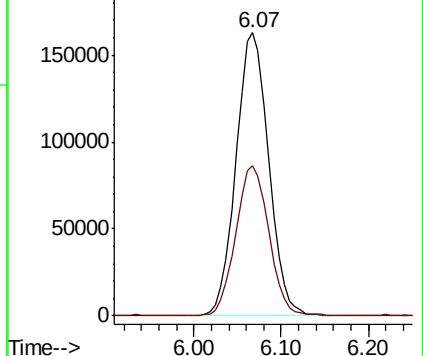
65 100

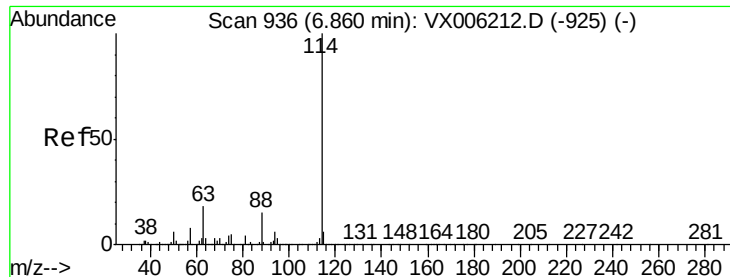
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

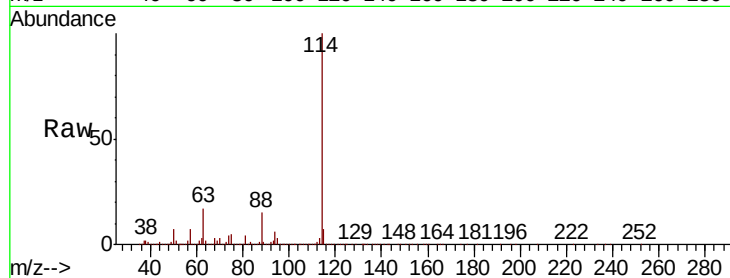




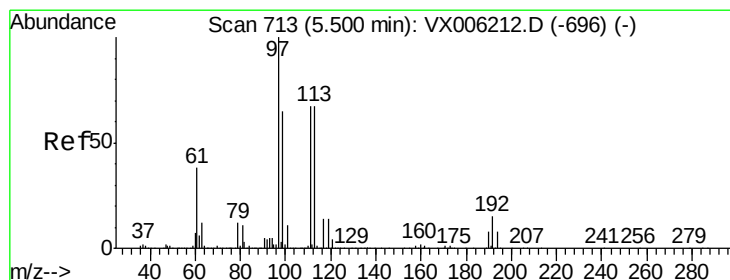
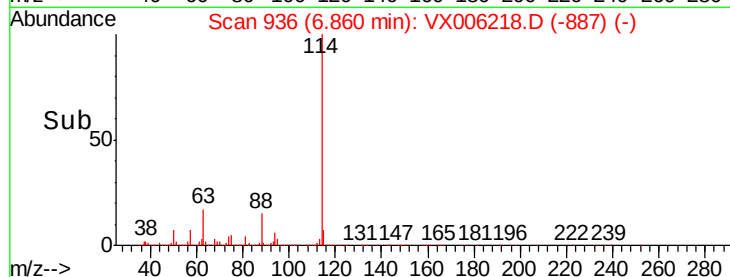
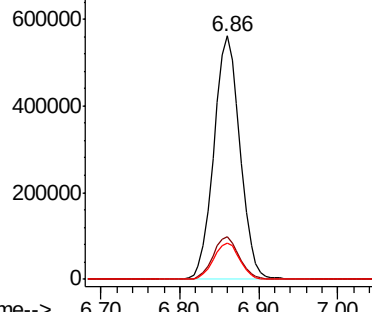
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006218.D
 Acq: 30 Nov 2018 09:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBL01

Tot Ion:114 Resp: 1294819
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.6
 88 15.0 0.0 29.0

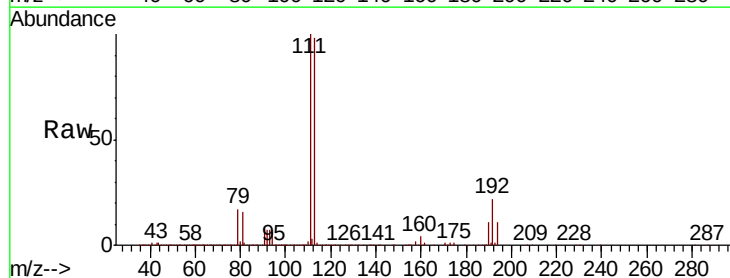


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

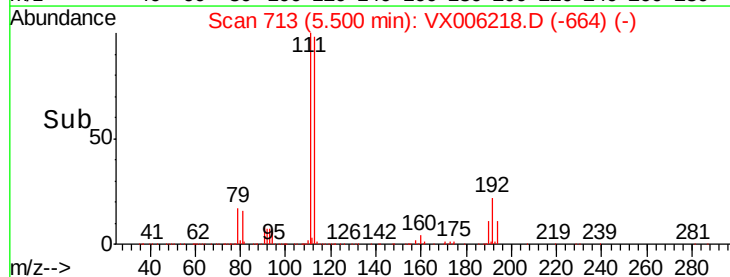
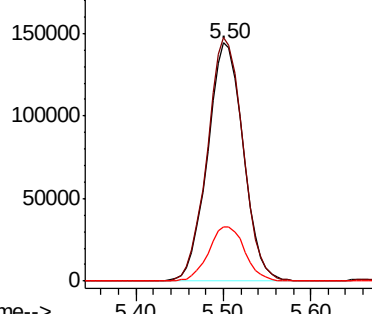


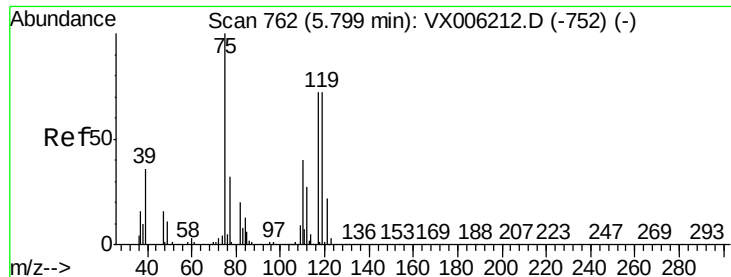
#35
 Dibromofluoromethane
 Concen: 48.766 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006218.D
 Acq: 30 Nov 2018 09:40

Tgt Ion:113 Resp: 408827
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.4 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: 4.872 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBL01

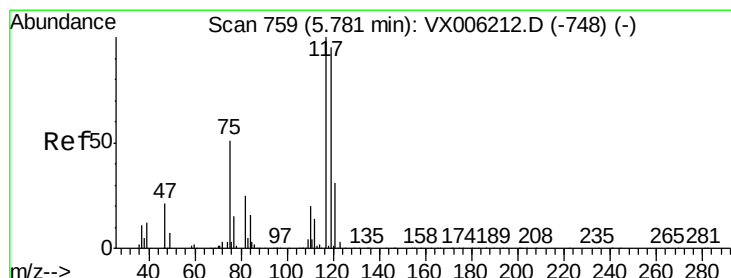
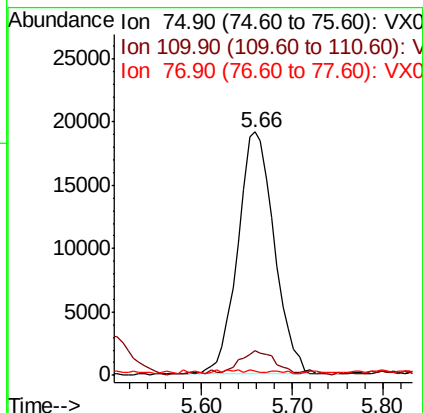
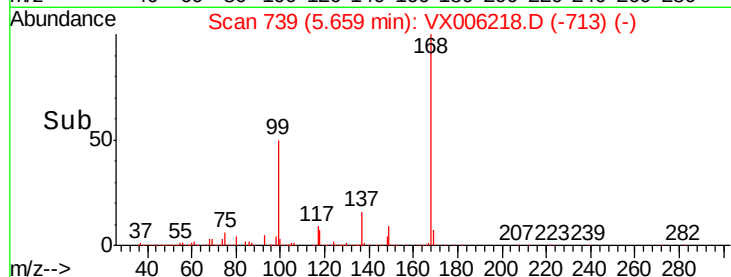
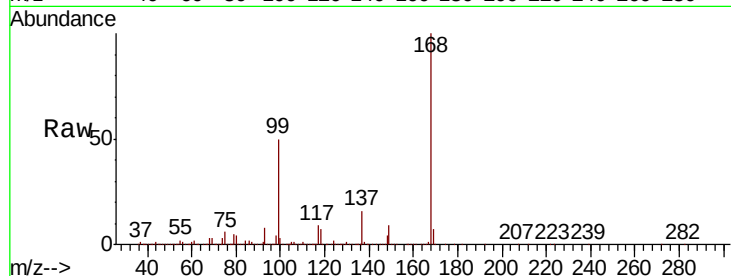
Tot Ion: 75 Resp: 53123

Ion Ratio Lower Upper

75 100

110 11.1 20.4 61.3#

77 0.4 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.079 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

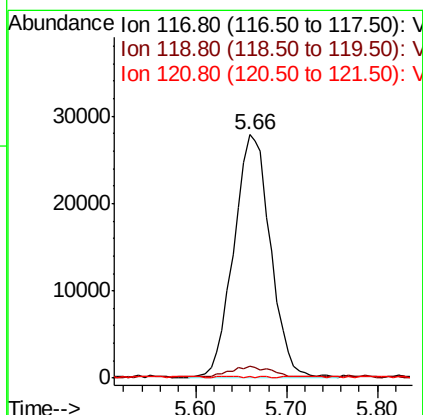
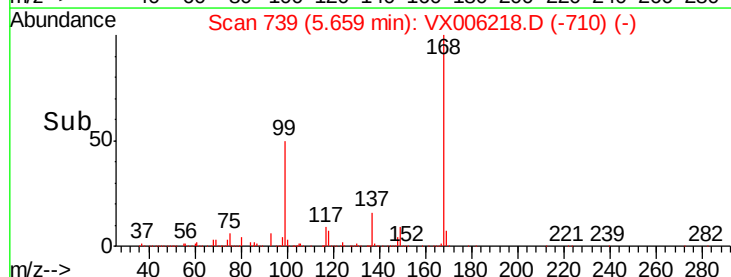
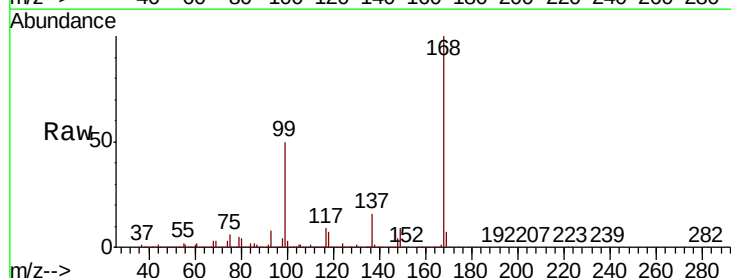
Tgt Ion: 117 Resp: 77975

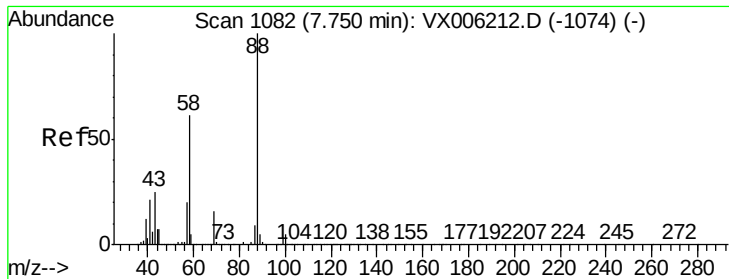
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.1 24.6 37.0#

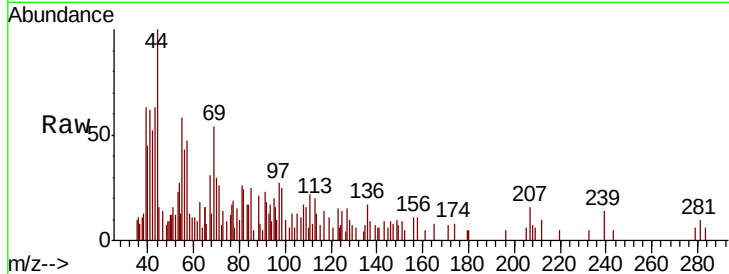




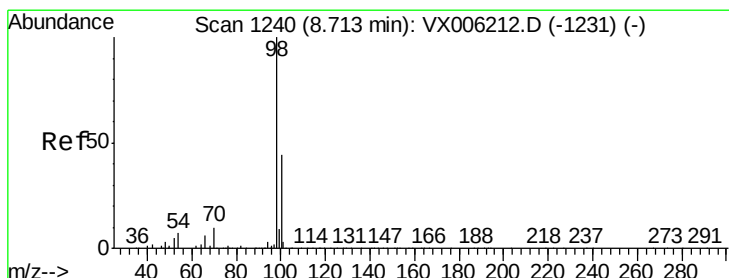
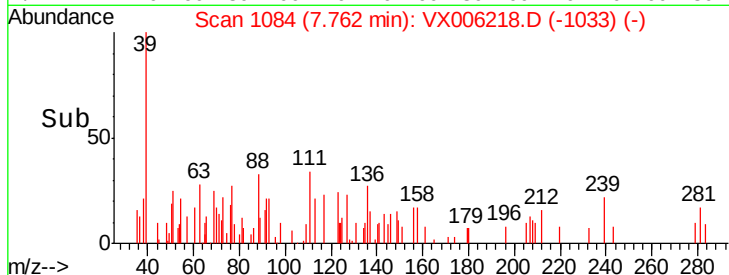
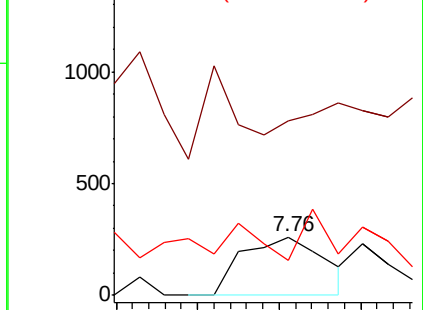
#49
1,4-Dioxane
Concen: 1.491 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006218.D
Acq: 30 Nov 2018 09:40

Instrument :
MSVOA_X
ClientSampled :
VX1130WBL01

Tot Ion: 88 Resp: 364
Ion Ratio Lower Upper
88 100
43 93.4 23.2 34.8#
58 60.4 51.4 77.0

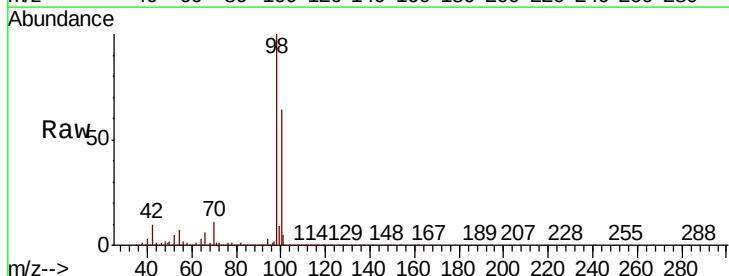


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

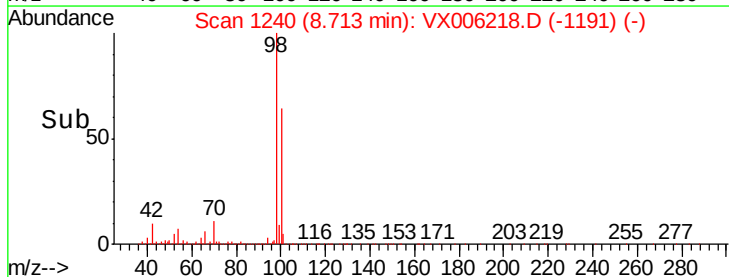
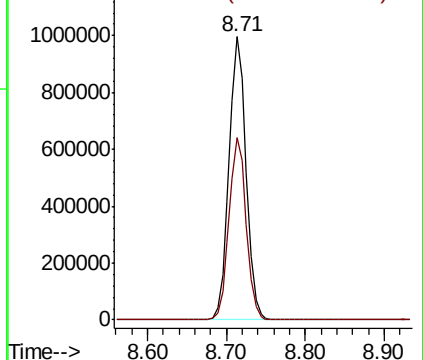


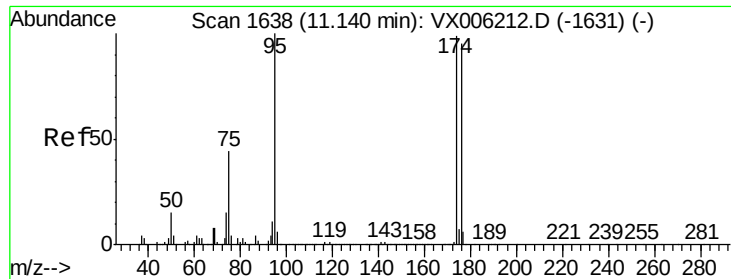
#50
Toluene-d8
Concen: 49.045 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006218.D
Acq: 30 Nov 2018 09:40

Tgt Ion: 98 Resp: 1495572
Ion Ratio Lower Upper
98 100
100 64.6 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: 47.000 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBL01

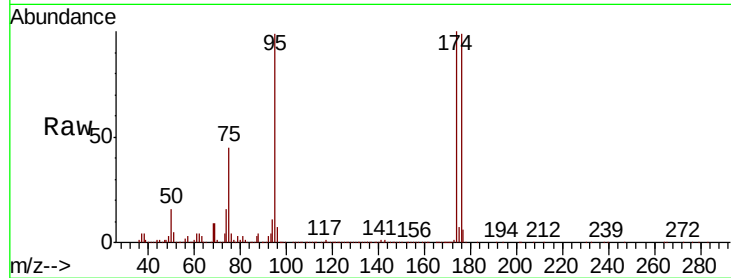
Tot Ion: 95 Resp: 540077

Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.0

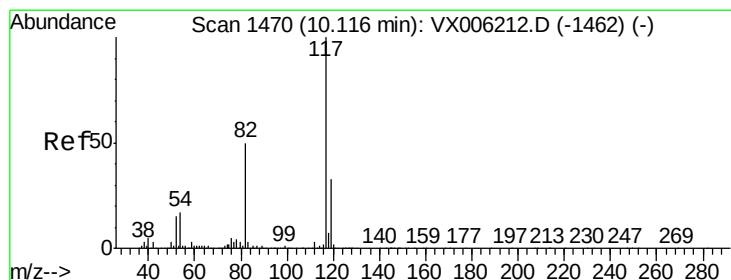
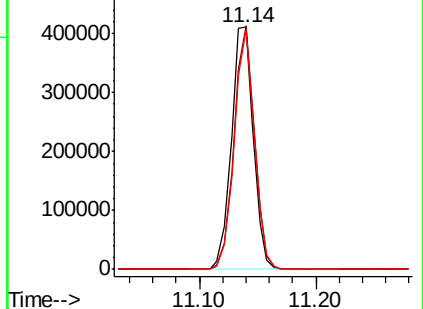
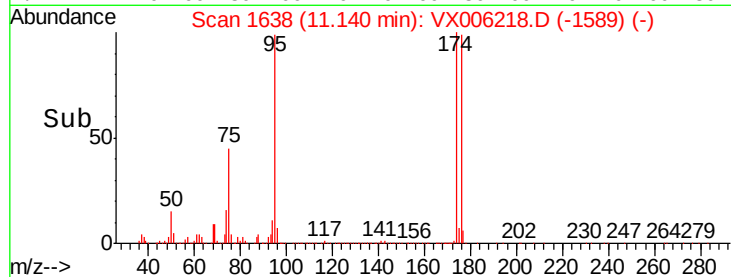
176 91.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006218.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006218.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006218.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

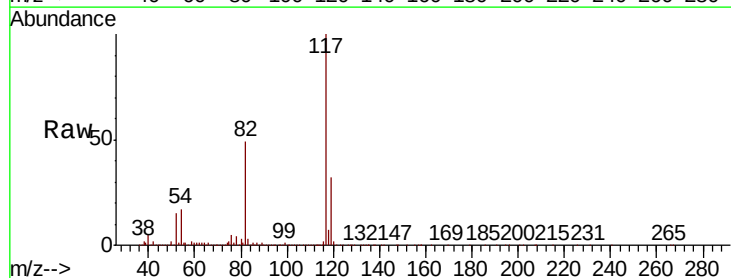
Tgt Ion: 117 Resp: 1142693

Ion Ratio Lower Upper

117 100

82 49.3 39.6 59.4

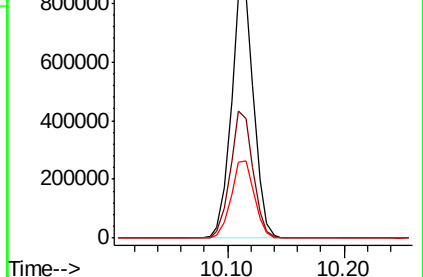
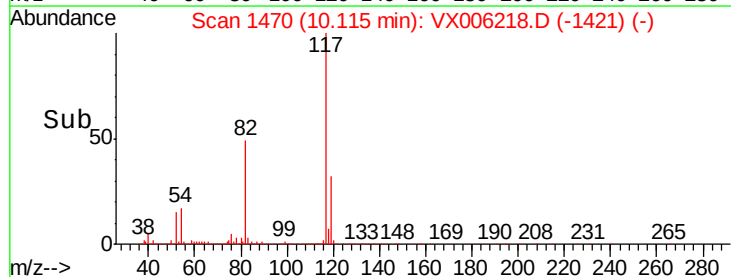
119 31.9 26.3 39.5

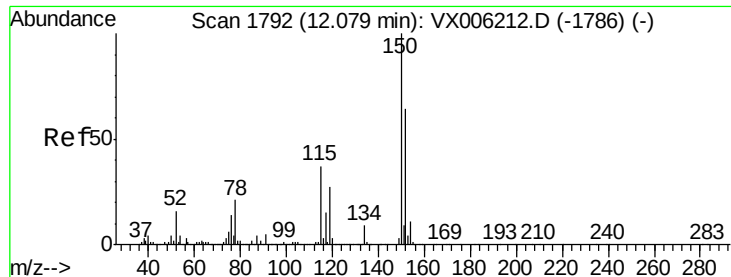


Abundance Ion 116.90 (116.60 to 117.60): VX006218.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006218.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006218.D (-1421) (-)



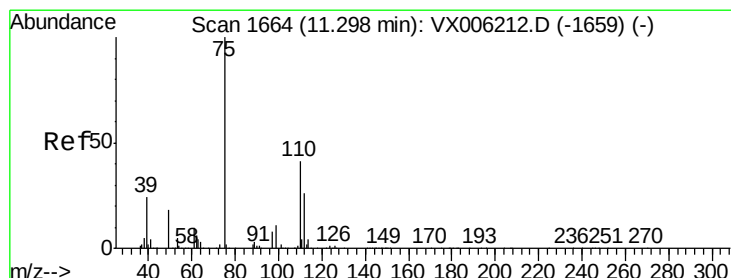
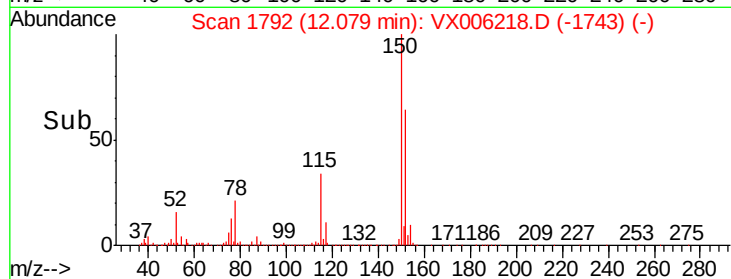
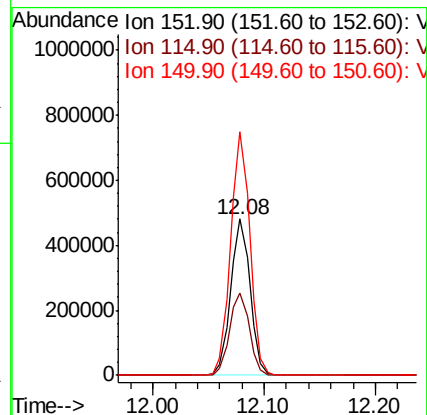
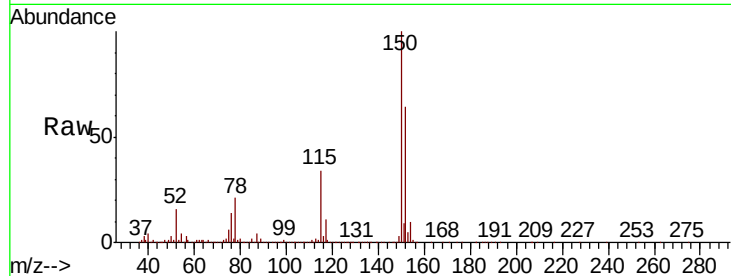


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006218.D
Acq: 30 Nov 2018 09:40

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBL01

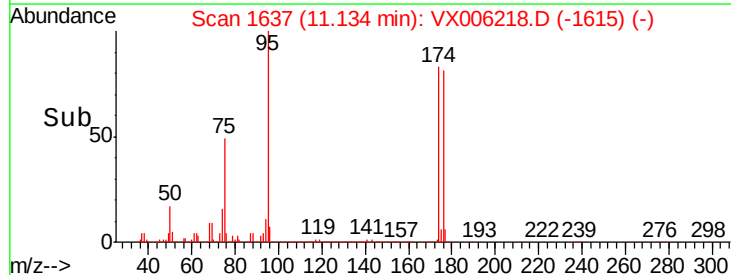
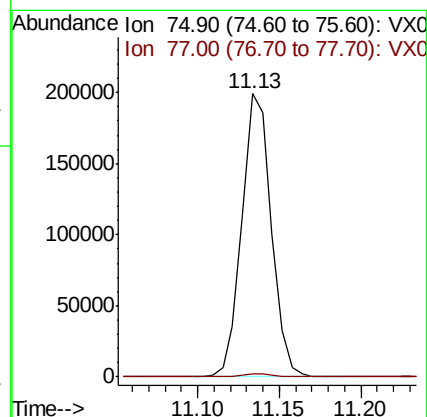
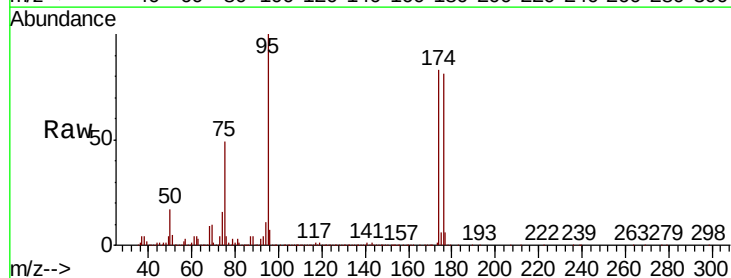
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	39.0	116.9
150	155.3	0.0	345.8

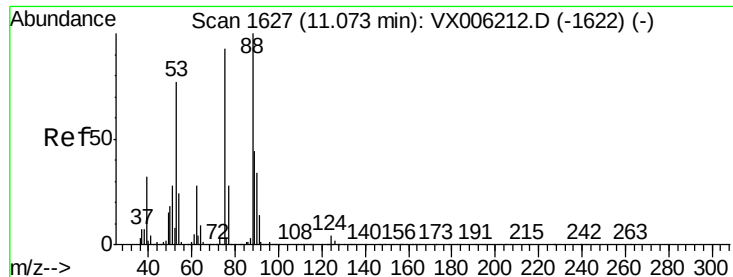


#76

1,2,3-Trichloropropane
Concen: 22.444 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006218.D
Acq: 30 Nov 2018 09:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 52.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006218.D

Acq: 30 Nov 2018 09:40

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBL01

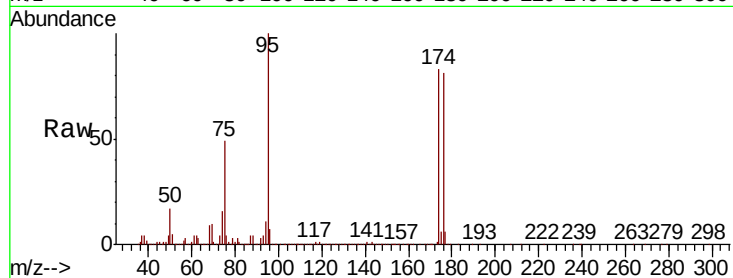
Tot Ion: 75 Resp: 250197

Ion Ratio Lower Upper

75 100

53 0.3 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

