

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006511.D
 Acq On : 14 Dec 2018 12:05
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:33:47 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	758401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1179435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1050298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	504679	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	396480	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	355989	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	1365601	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	497006	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	

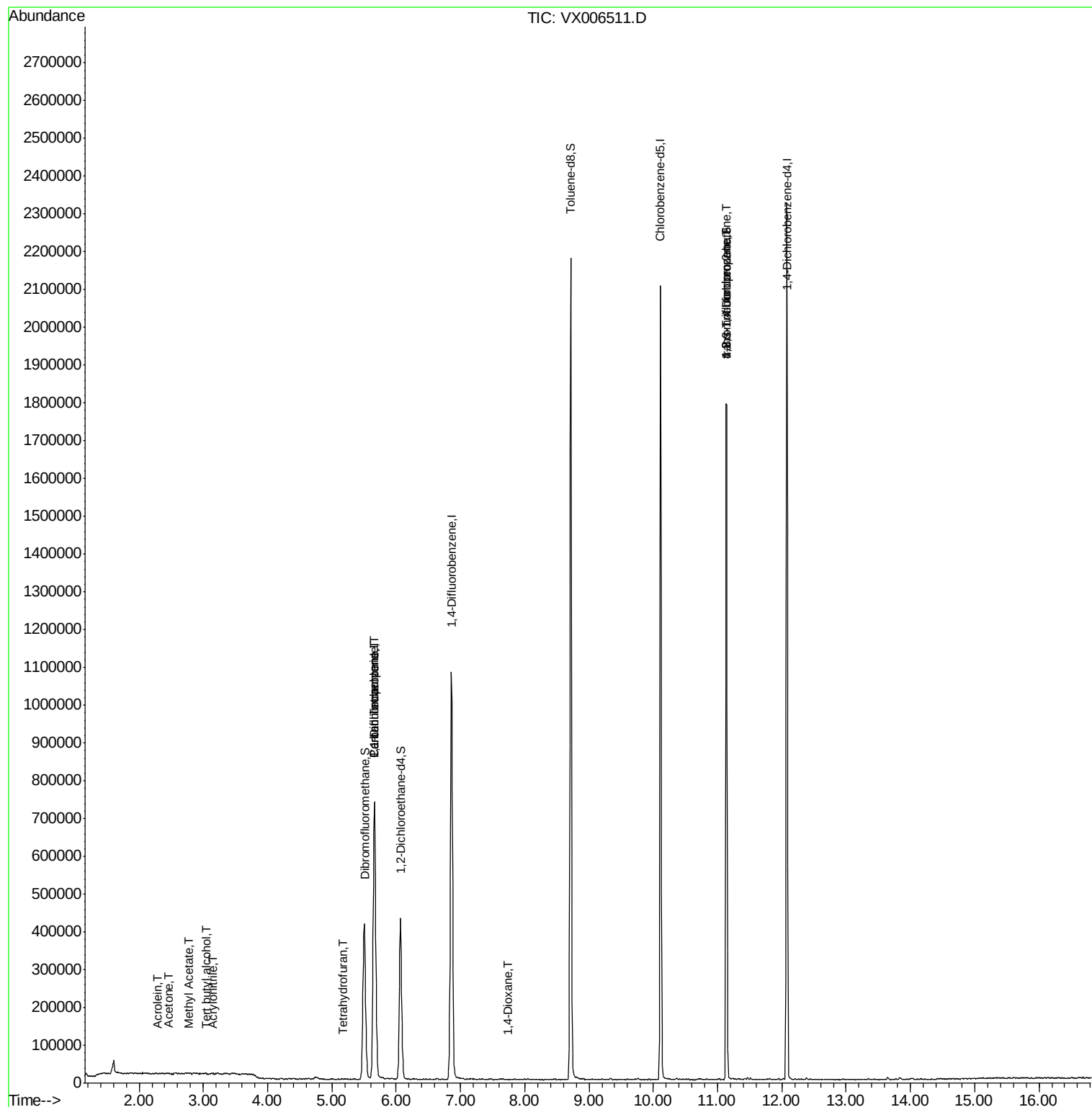
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	689	0.325	ug/l #	1
13) Acrolein	2.29	56	567	0.490	ug/l #	71
15) Acrylonitrile	3.15	53	1243	0.281	ug/l #	68
16) Acetone	2.45	43	1769	0.487	ug/l #	65
18) Methyl Acetate	2.78	43	2709	0.223	ug/l #	66
29) Tetrahydrofuran	5.17	42	852	0.236	ug/l #	56
36) 1,1-Dichloropropene	5.67	75	49319	4.966	ug/l #	48
38) Carbon Tetrachloride	5.67	117	70897	6.068	ug/l #	16
49) 1,4-Dioxane	7.74	88	191	0.859	ug/l #	53
76) 1,2,3-Trichloropropane	11.13	75	229992	23.610	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	229992	55.407	ug/l #	15

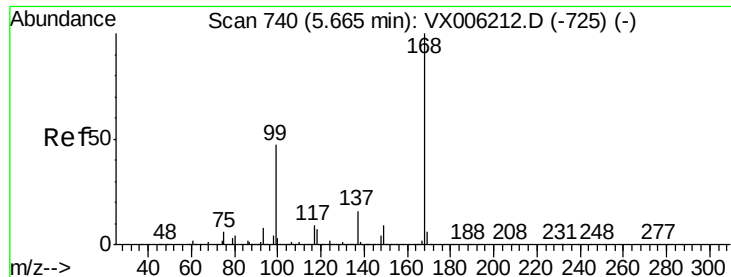
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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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: VX006511.D

Acq: 14 Dec 2018 12:05

Instrument :

MSVOA_X

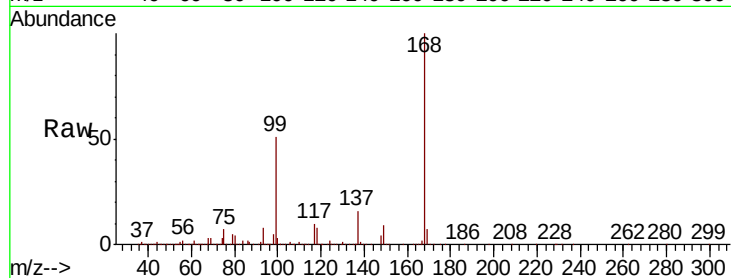
ClientSampleId :

Tot Ion:168 Resp: 758401

Ion Ratio Lower Upper

168 100

99 51.2 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

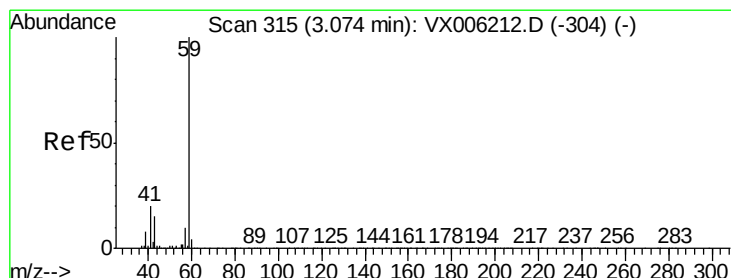
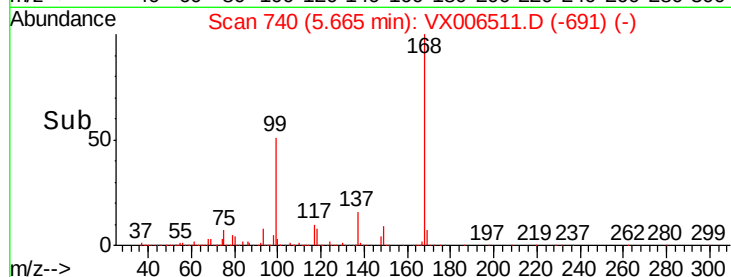
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.325 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX006511.D

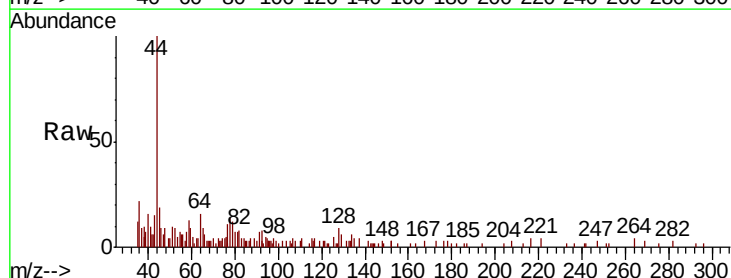
Acq: 14 Dec 2018 12:05

Tgt Ion: 59 Resp: 689

Ion Ratio Lower Upper

59 100

57 49.6 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

800

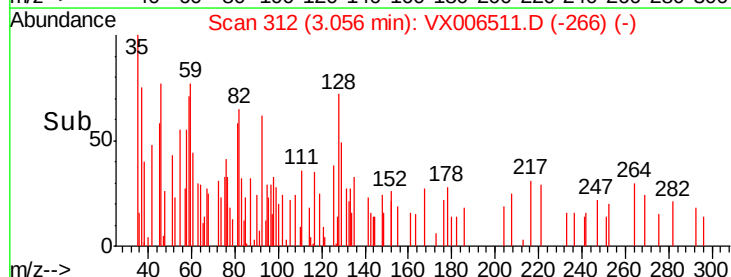
600

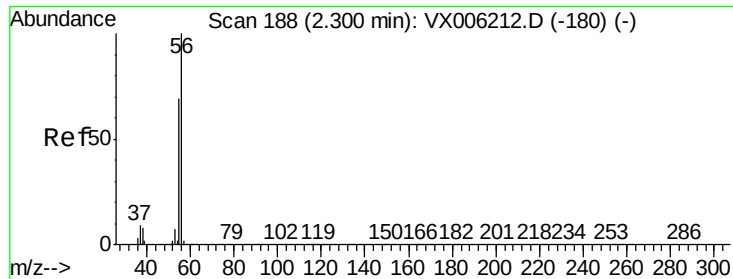
400

200

0

Time--> 3.04 3.06





#13

Acrolein

Concen: 0.490 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

Instrument :

MSVOA_X

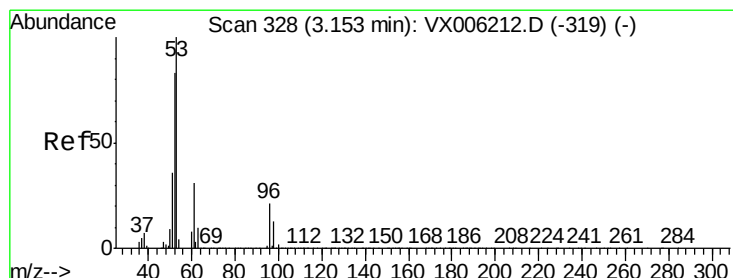
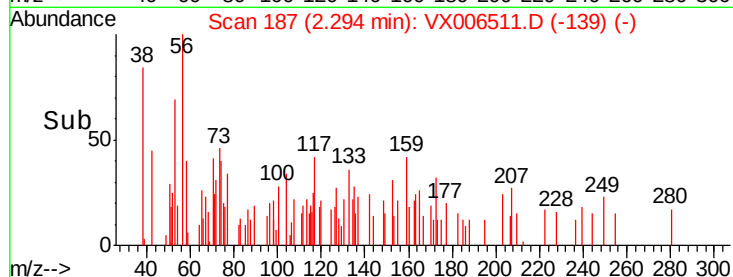
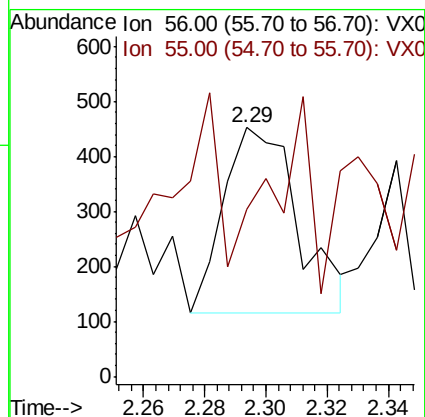
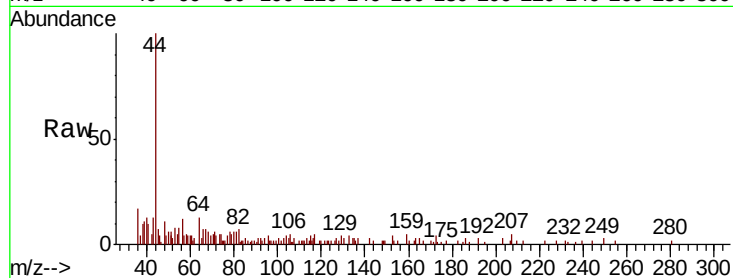
ClientSampled :

Tot Ion: 56 Resp: 567

Ion Ratio Lower Upper

56 100

55 48.1 57.8 86.6#



#15

Acrylonitrile

Concen: 0.281 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

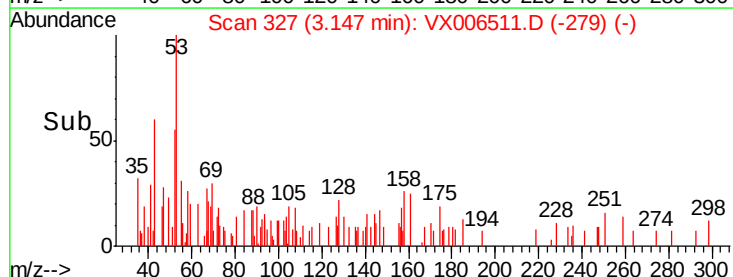
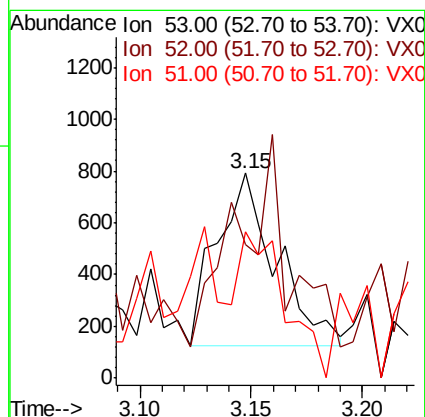
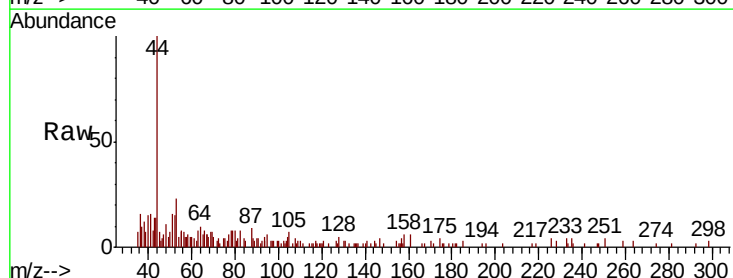
Tgt Ion: 53 Resp: 1243

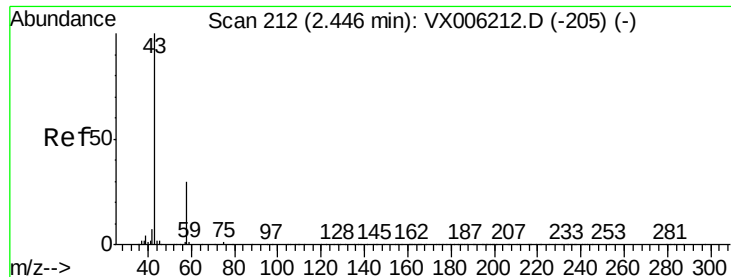
Ion Ratio Lower Upper

53 100

52 104.9 66.2 99.4#

51 64.3 28.7 43.1#





#16

Acetone

Concen: 0.487 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

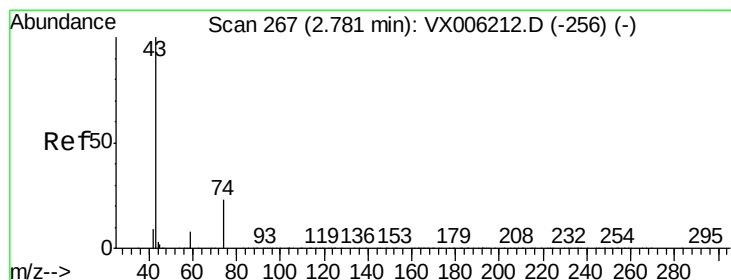
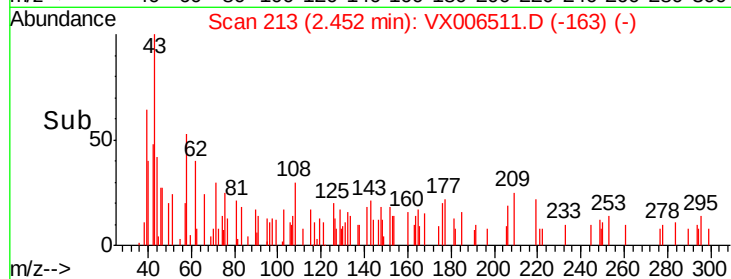
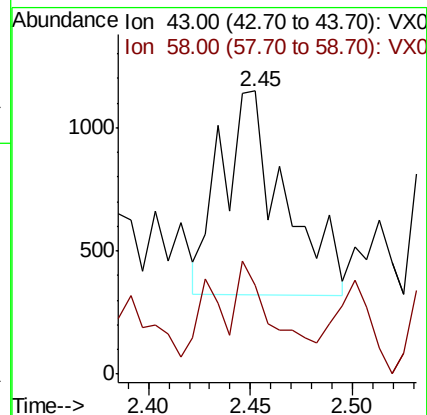
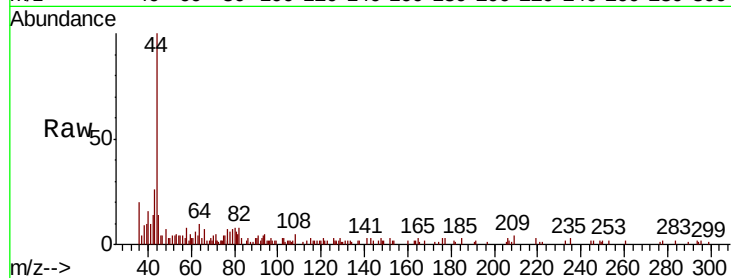
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1769

Ion Ratio Lower Upper

43 100

58 10.8 24.0 36.0#



#18

Methyl Acetate

Concen: 0.223 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006511.D

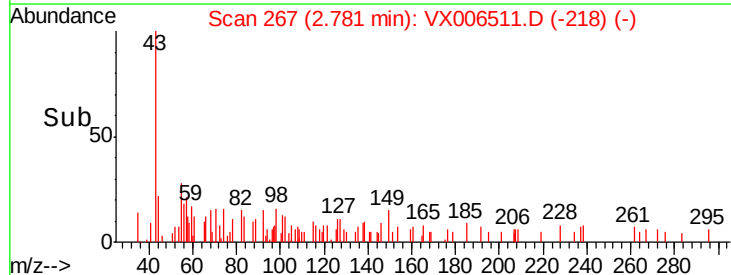
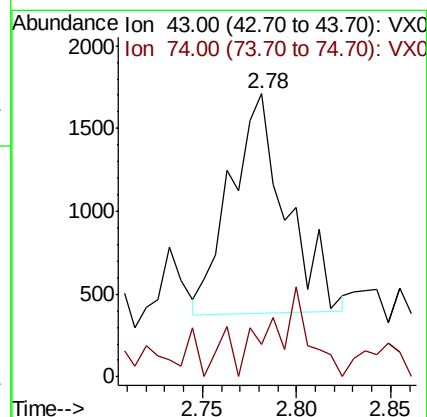
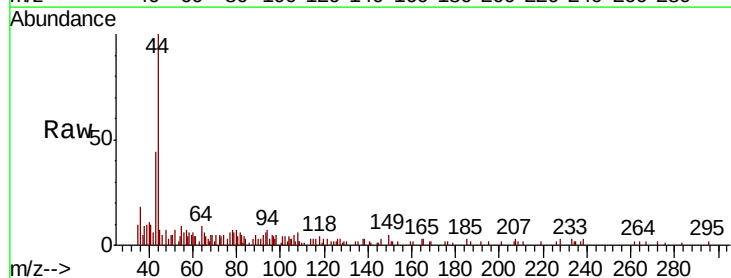
Acq: 14 Dec 2018 12:05

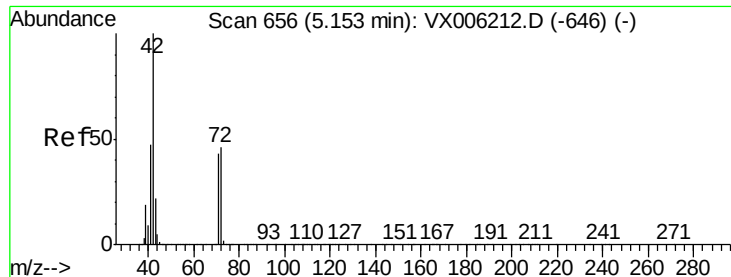
Tgt Ion: 43 Resp: 2709

Ion Ratio Lower Upper

43 100

74 6.1 17.9 26.9#





#29

Tetrahydrofuran

Concen: 0.236 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

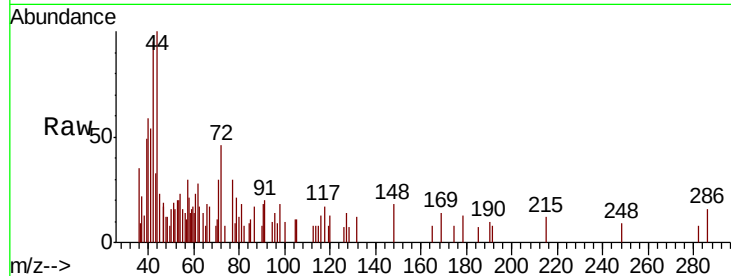
Tot Ion: 42 Resp: 852

Ion Ratio Lower Upper

42 100

72 84.4 37.8 56.8#

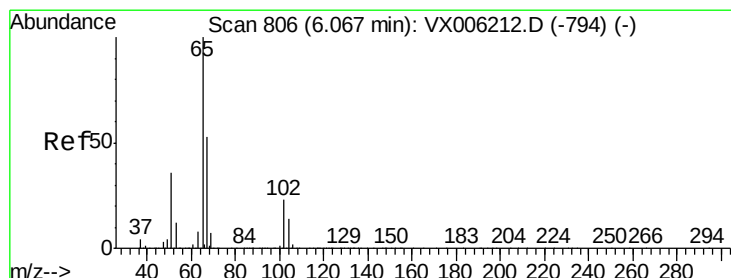
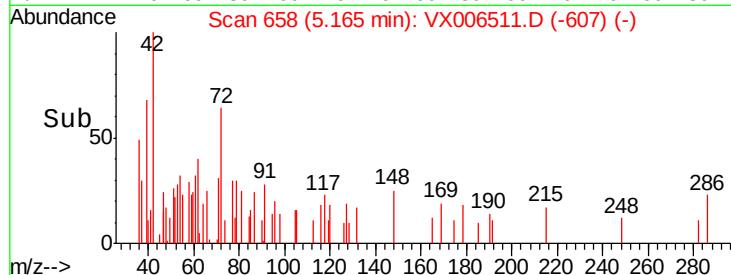
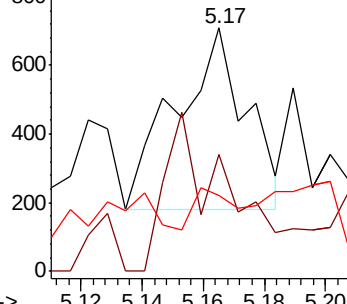
71 23.1 35.2 52.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.211 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006511.D

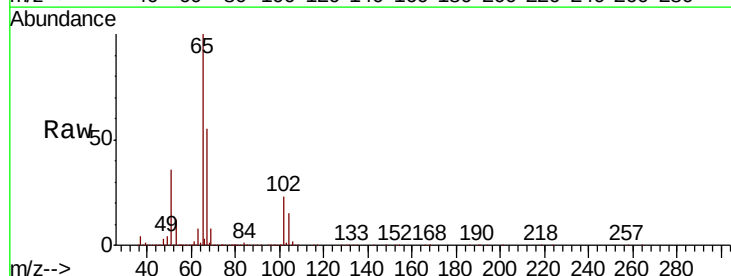
Acq: 14 Dec 2018 12:05

Tgt Ion: 65 Resp: 396480

Ion Ratio Lower Upper

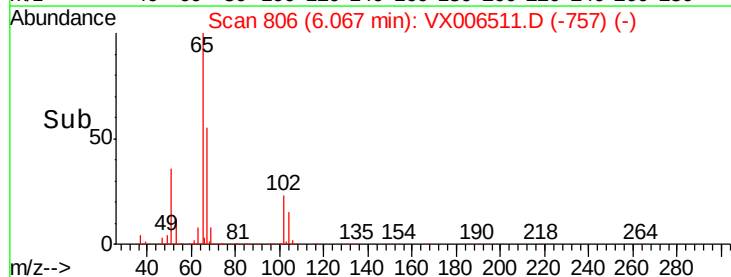
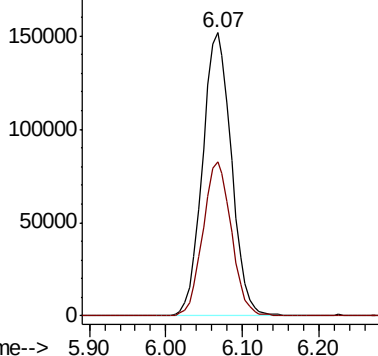
65 100

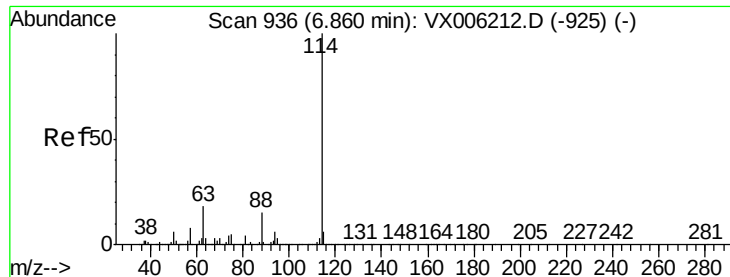
67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

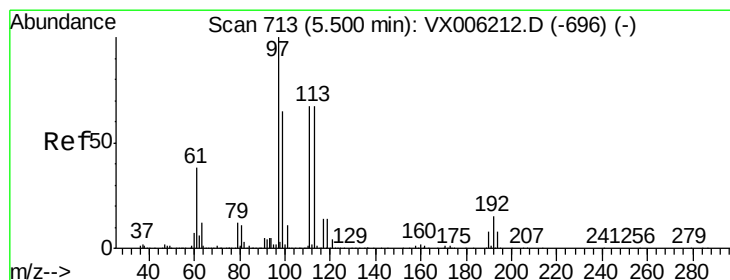
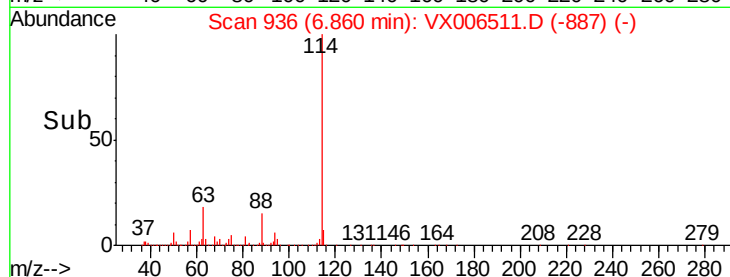
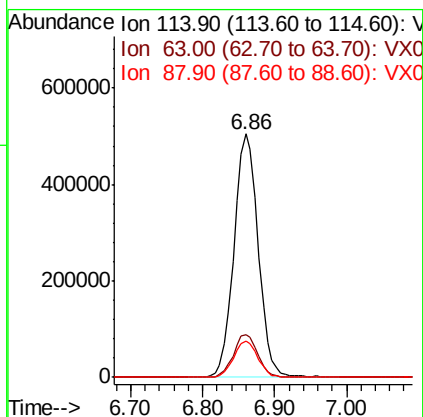
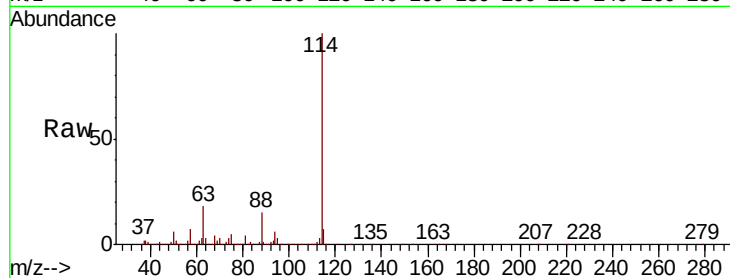




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006511.D
Acq: 14 Dec 2018 12:05

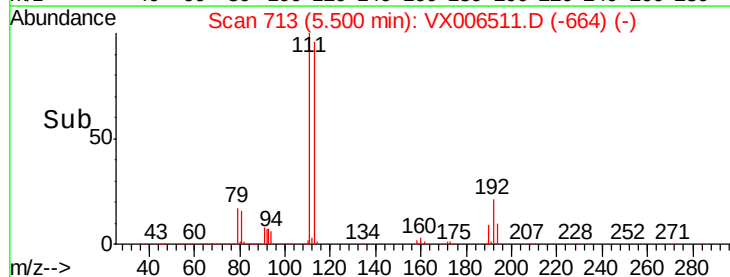
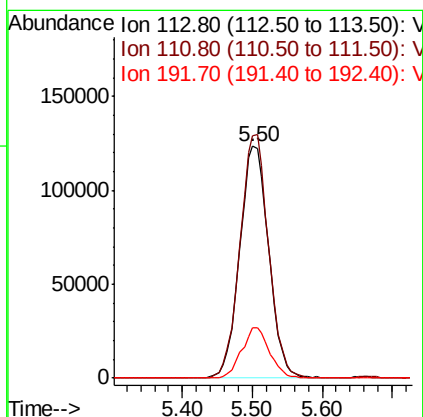
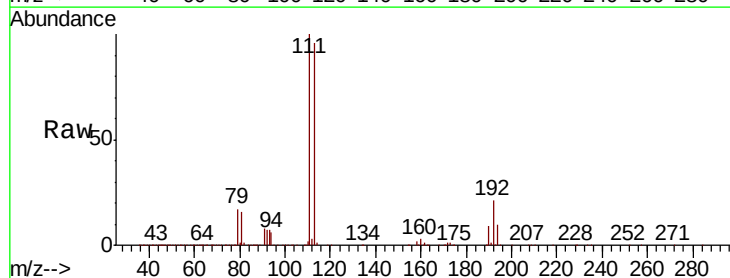
Instrument :
MSVOA_X
ClientSampleId :

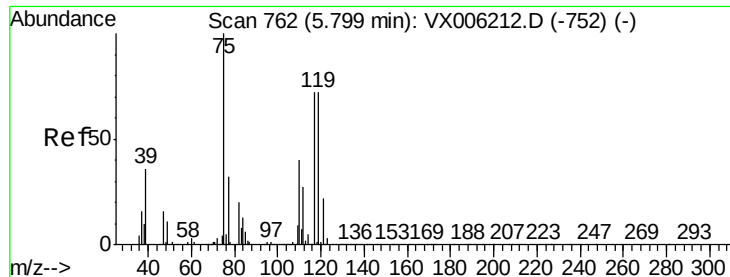
Tot Ion:114 Resp: 1179435
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.6
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006511.D
Acq: 14 Dec 2018 12:05

Tgt Ion:113 Resp: 355989
Ion Ratio Lower Upper
113 100
111 103.2 81.1 121.7
192 21.0 18.2 27.2

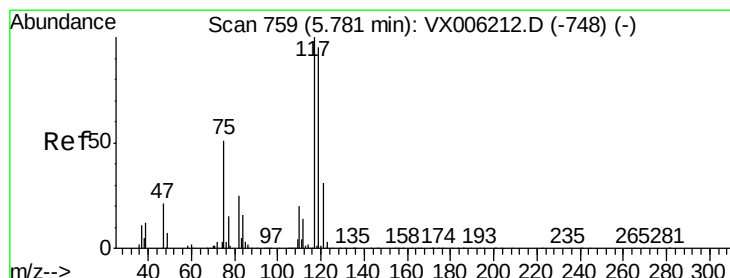
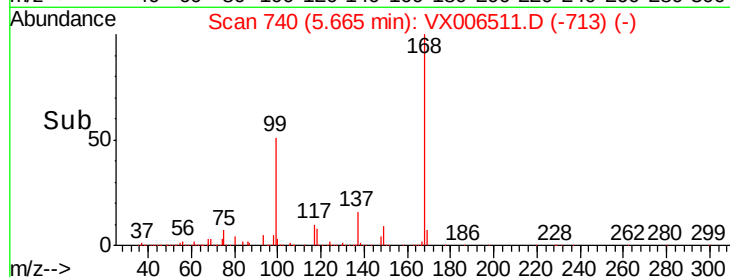
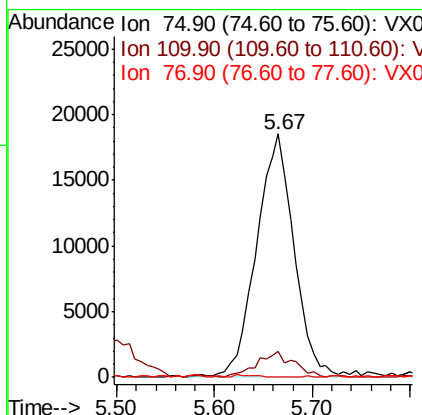
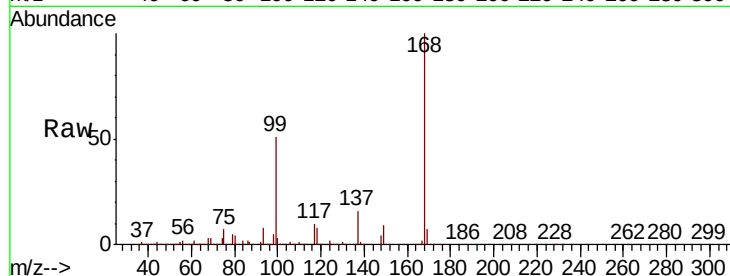




#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006511.D
 Acq: 14 Dec 2018 12:05

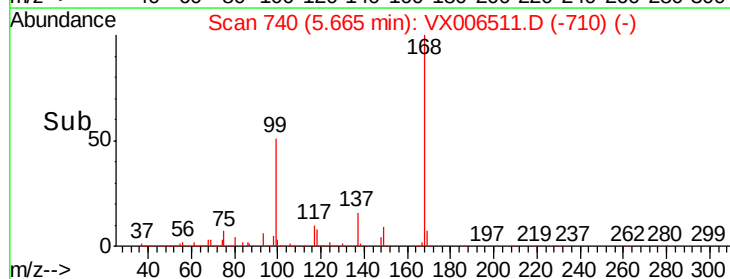
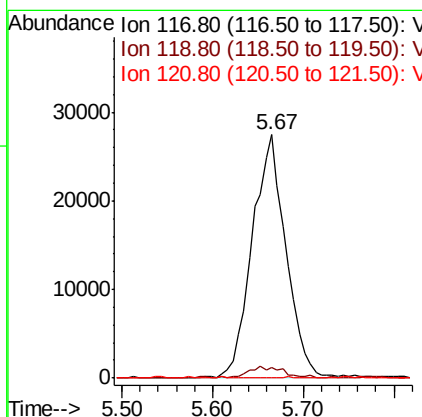
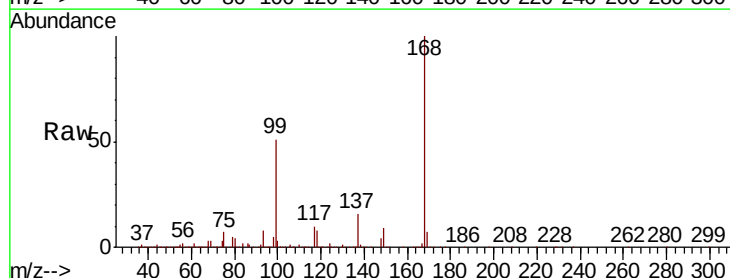
Instrument :
 MSVOA_X
 ClientSampleId :

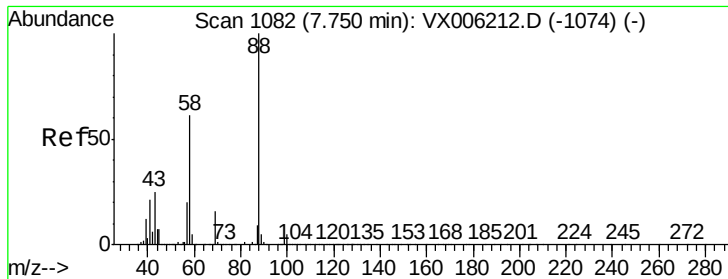
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.068 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006511.D
 Acq: 14 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.8	113.8#
121	0.0	24.6	37.0#





#49

1,4-Dioxane

Concen: 0.859 ug/l

RT: 7.74 min Scan# 1080

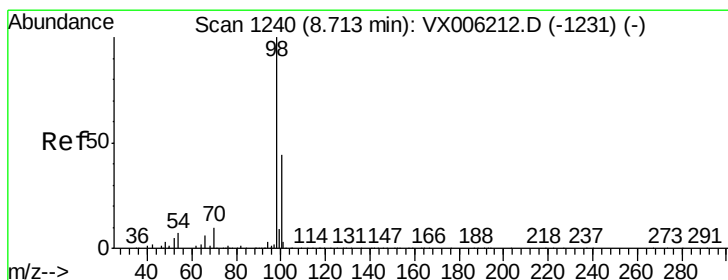
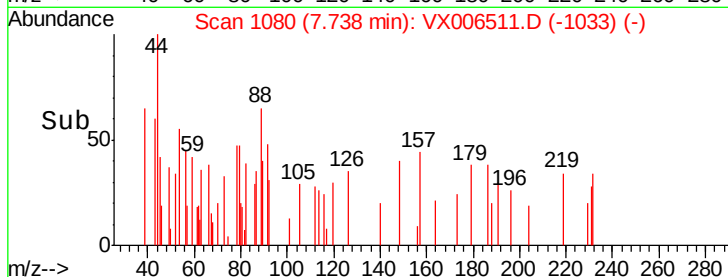
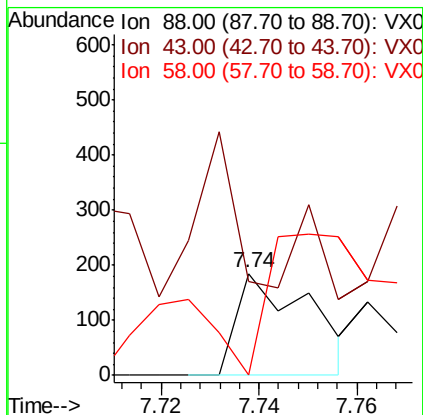
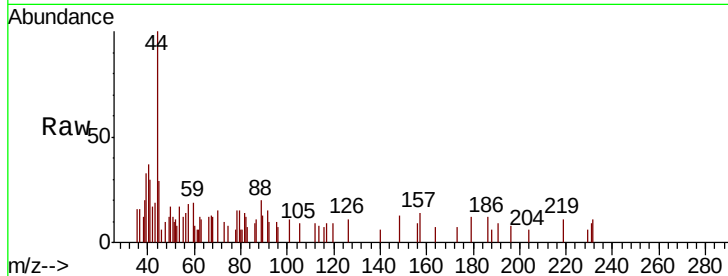
Delta R.T. -0.01 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	191
Ion	Ratio	Lower	Upper
88	100		
43	85.3	23.2	34.8#
58	80.1	51.4	77.0#



#50

Toluene-d8

Concen: 49.164 ug/l

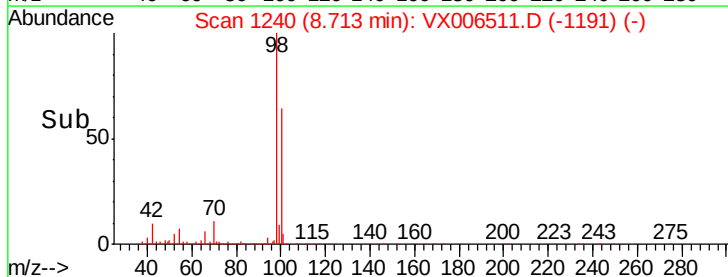
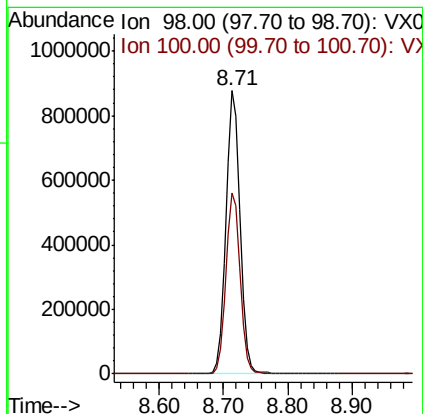
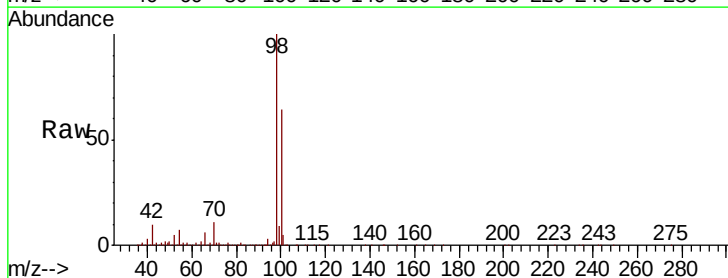
RT: 8.71 min Scan# 1240

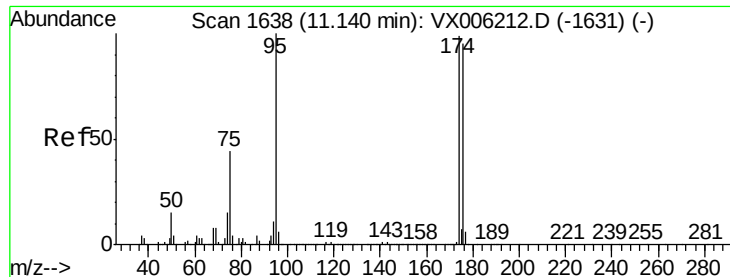
Delta R.T. -0.00 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

Tgt Ion:	98	Resp:	1365601
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 47.483 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampled :

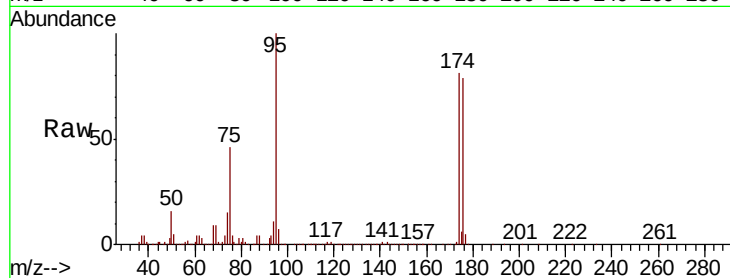
Tot Ion: 95 Resp: 497006

Ion Ratio Lower Upper

95 100

174 87.6 0.0 187.0

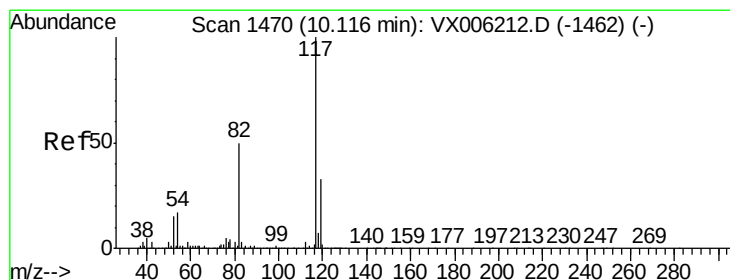
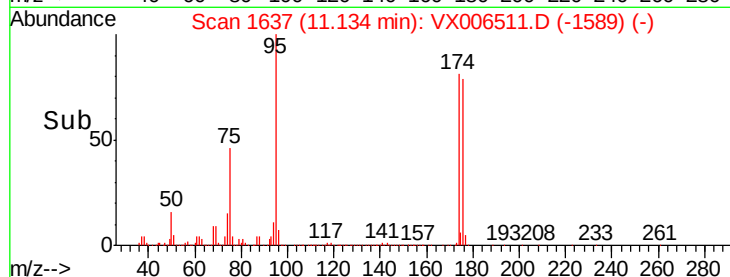
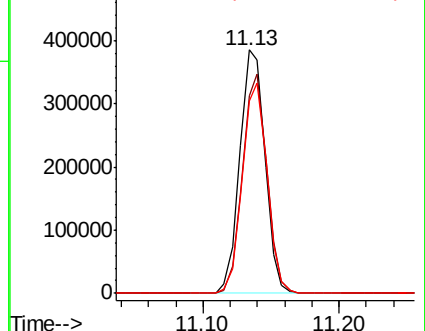
176 85.1 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006511.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006511.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006511.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

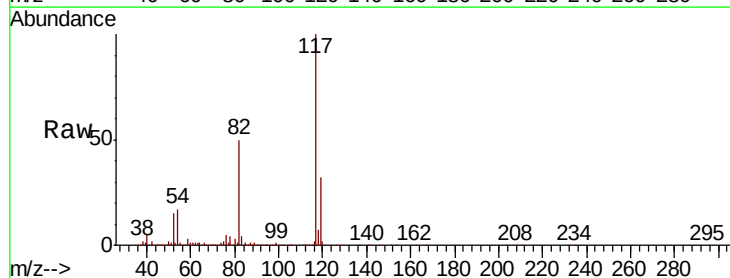
Tgt Ion: 117 Resp: 1050298

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

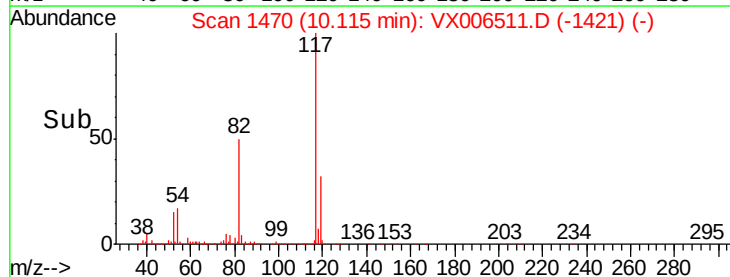
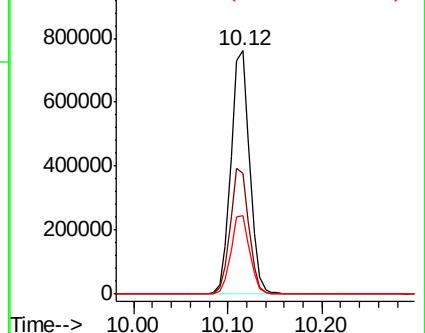
119 32.3 26.3 39.5

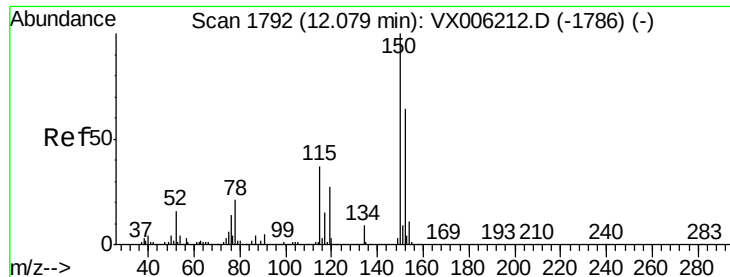


Abundance Ion 116.90 (116.60 to 117.60): VX006511.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006511.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006511.D (-1421) (-)

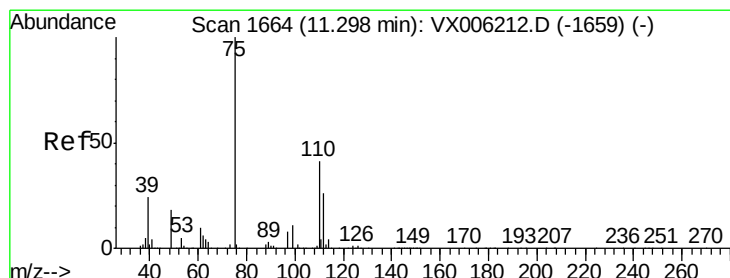
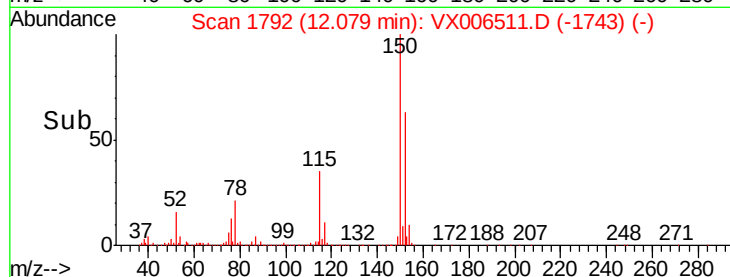
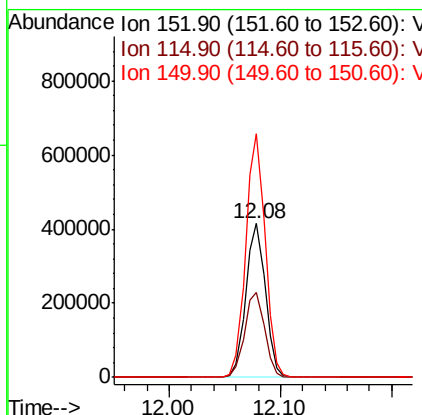
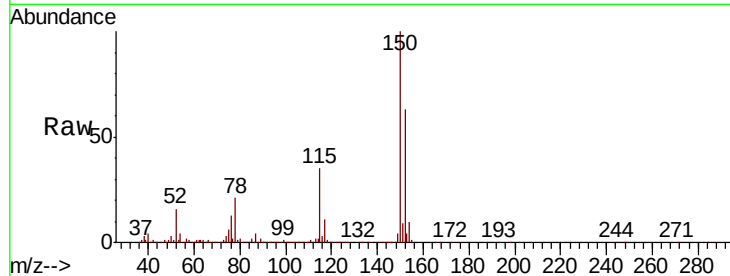




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006511.D
 Acq: 14 Dec 2018 12:05

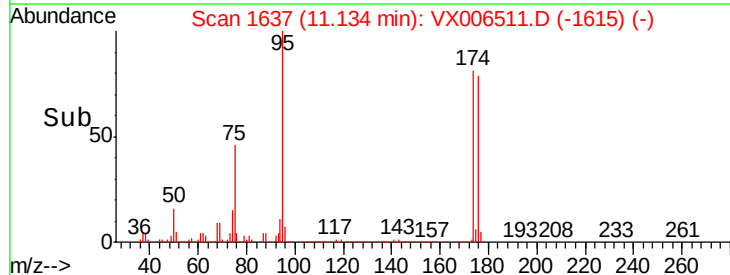
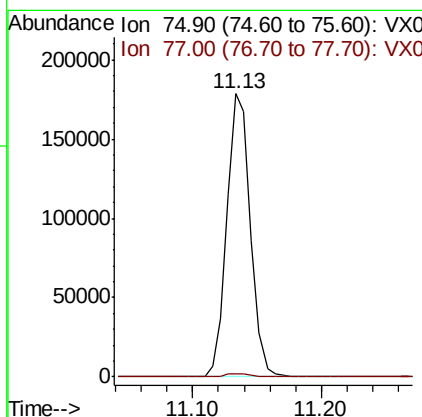
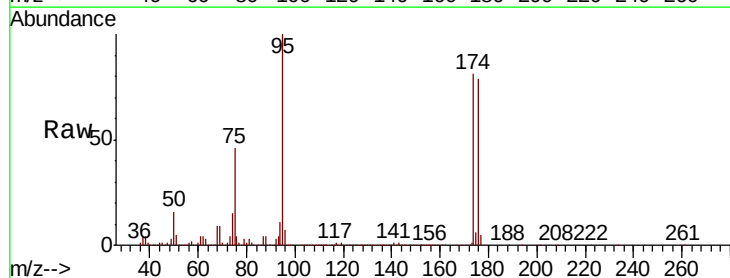
Instrument :
 MSVOA_X
 ClientSampleId :

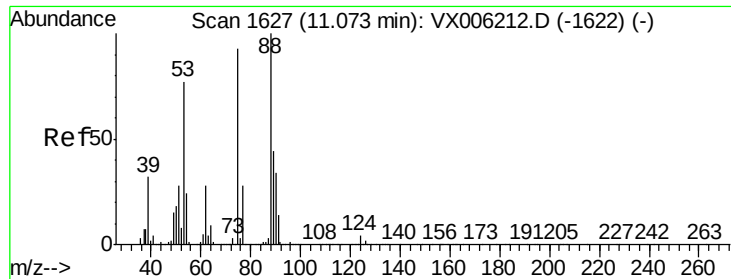
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	156.8	0.0	345.8



#76
 1,2,3-Trichloropropane
 Concen: 23.610 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006511.D
 Acq: 14 Dec 2018 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.407 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006511.D

Acq: 14 Dec 2018 12:05

Instrument :

MSVOA_X

ClientSampleId :

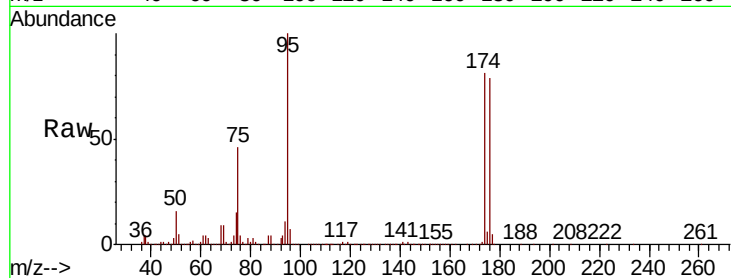
Tot Ion: 75 Resp: 229992

Ion Ratio Lower Upper

75 100

53 0.2 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

