

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
 Data File : VX006412.D
 Acq On : 11 Dec 2018 11:31
 Operator : JC/MD
 Sample : VX1211WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL01

Quant Time: Dec 11 11:50:48 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	5.66	168	733344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1151699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1039986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	495839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	390024	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
35) Dibromofluoromethane	5.50	113	356505	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
50) Toluene-d8	8.71	98	1342669	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	497973	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

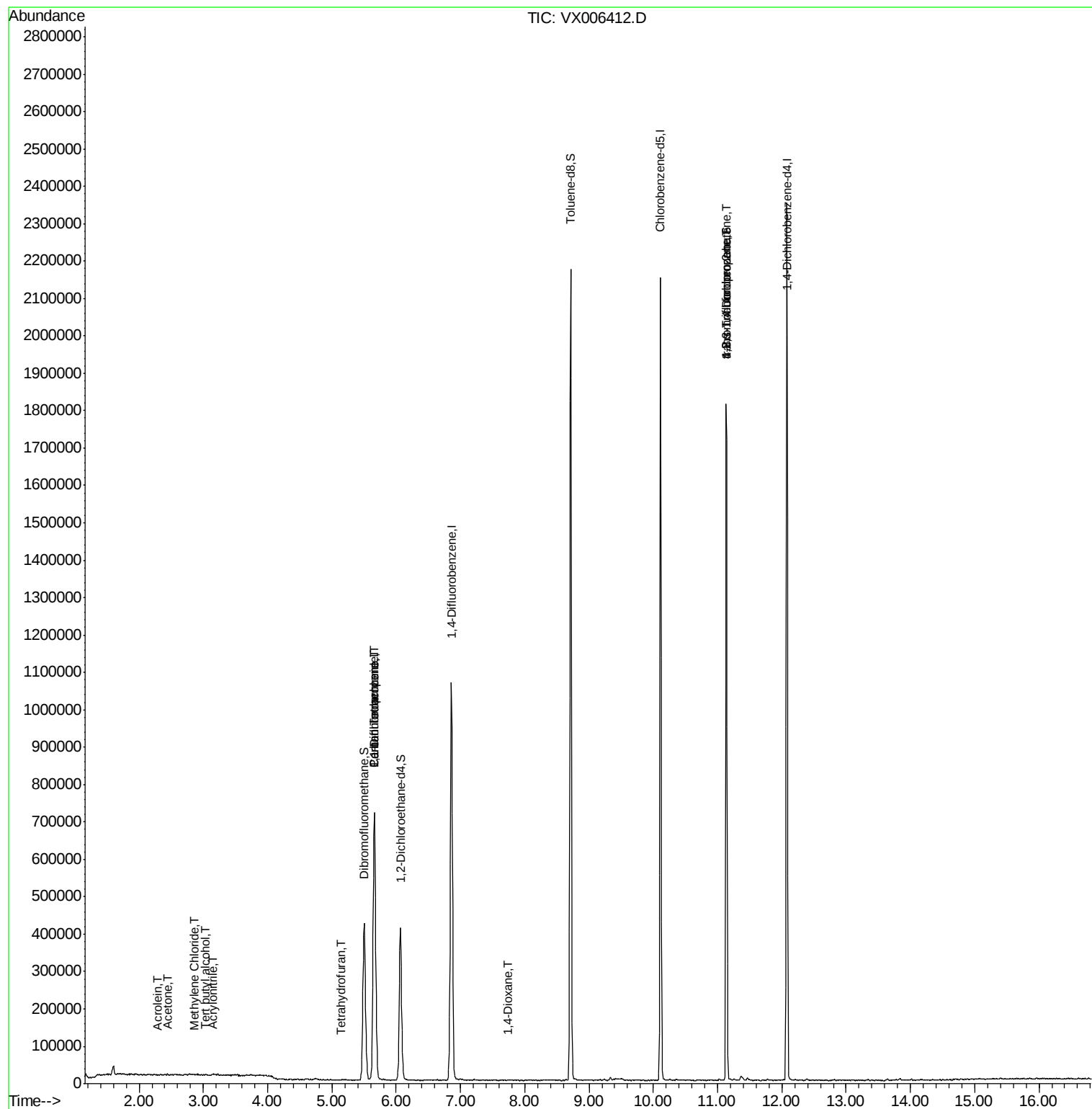
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	1252	0.612	ug/l #	46
13) Acrolein	2.29	56	400	0.357	ug/l #	48
15) Acrylonitrile	3.15	53	996	0.233	ug/l	89
16) Acetone	2.45	43	1753	0.499	ug/l #	73
20) Methylene Chloride	2.85	84	1633	0.218	ug/l #	44
29) Tetrahydrofuran	5.13	42	1168	0.335	ug/l #	81
36) 1,1-Dichloropropene	5.66	75	47691	4.917	ug/l #	48
38) Carbon Tetrachloride	5.67	117	70759	6.202	ug/l #	15
49) 1,4-Dioxane	7.74	88	228	1.050	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	226863	23.704	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	226863	55.628	ug/l #	15

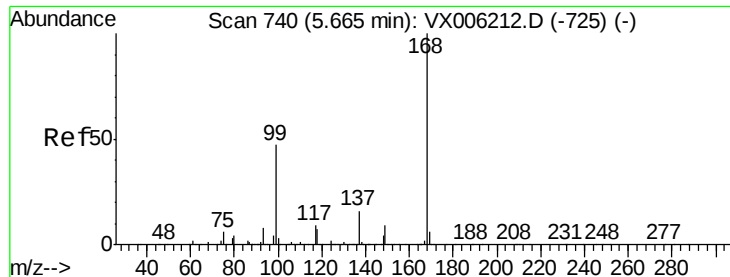
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121118\
Data File : VX006412.D
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
VX1211WBL01

Quant Time: Dec 11 11:50:48 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

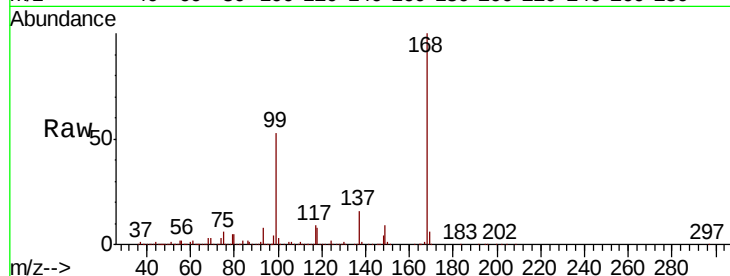
VX1211WBL01

Tgt Ion:168 Resp: 733344

Ion Ratio Lower Upper

168 100

99 53.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006412.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006412.D (-725) (-)

5.66

250000

200000

150000

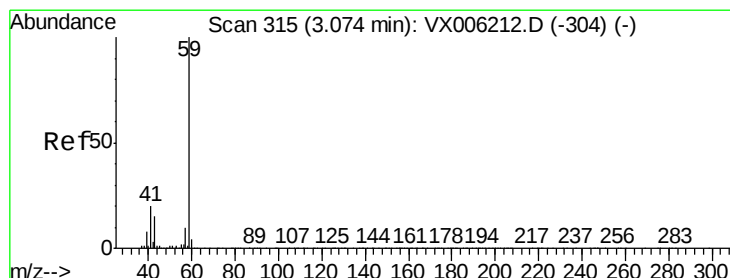
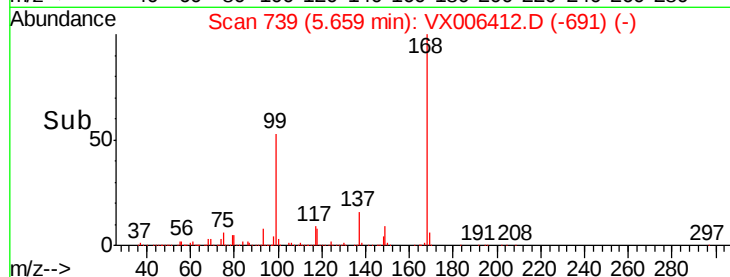
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.612 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX006412.D

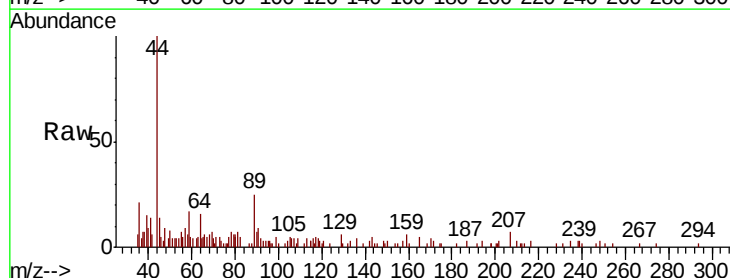
Acq: 11 Dec 2018 11:31

Tgt Ion: 59 Resp: 1252

Ion Ratio Lower Upper

59 100

57 30.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006412.D (-304) (-)

Ion 57.00 (56.70 to 57.70): VX006412.D (-304) (-)

3.02

800

600

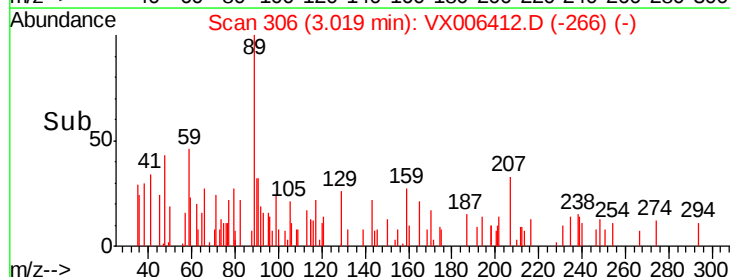
400

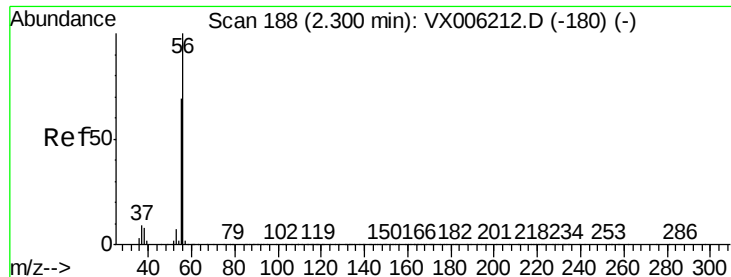
200

0

Time-->

2.95 3.00 3.05





#13

Acrolein

Concen: 0.357 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

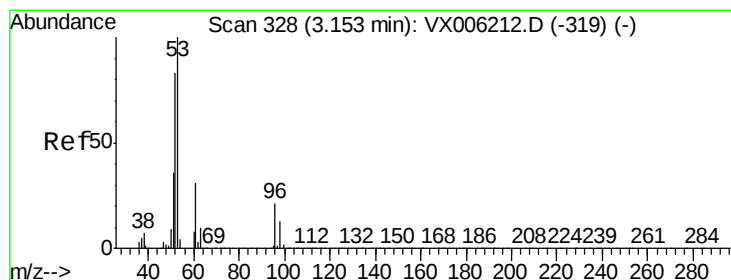
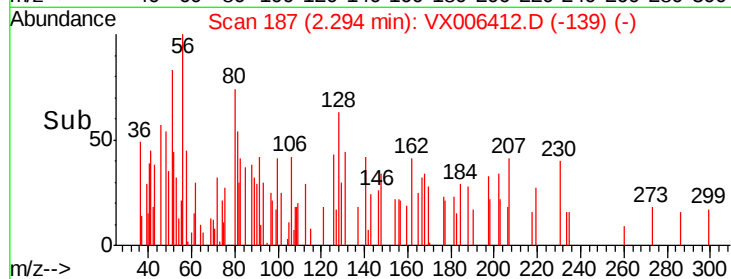
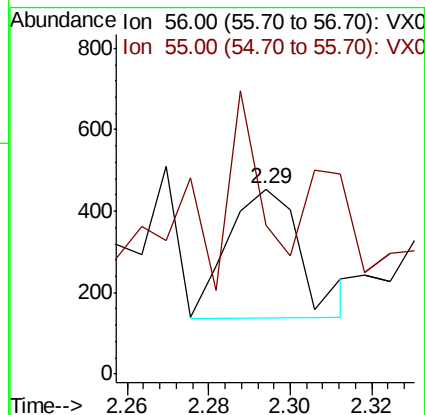
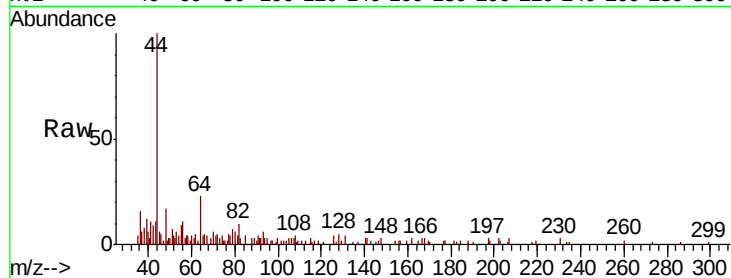
VX1211WBL01

Tgt Ion: 56 Resp: 400

Ion Ratio Lower Upper

56 100

55 115.3 57.8 86.6#



#15

Acrylonitrile

Concen: 0.233 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

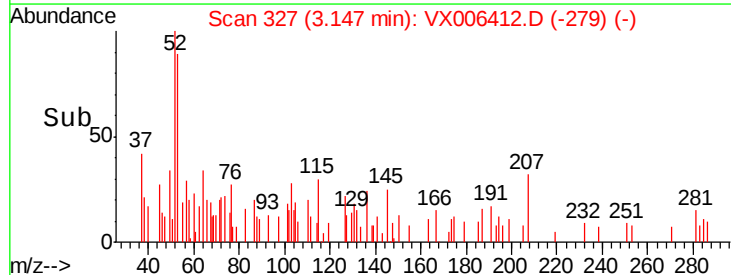
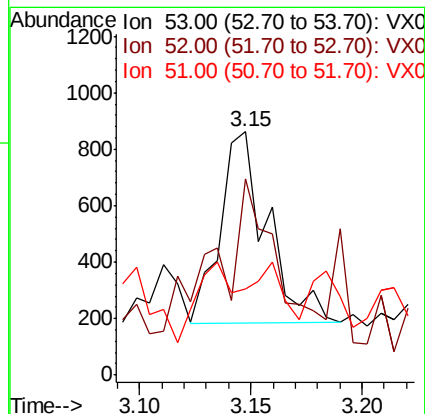
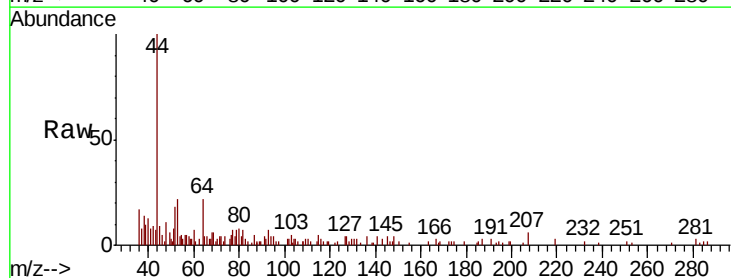
Tgt Ion: 53 Resp: 996

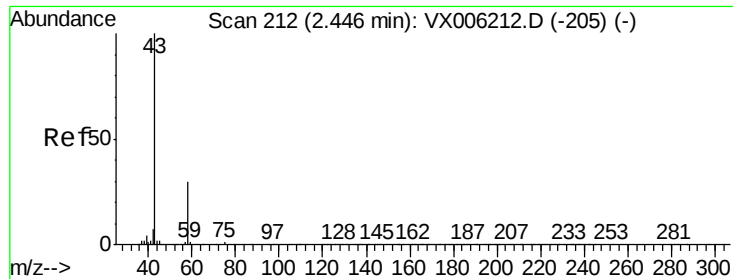
Ion Ratio Lower Upper

53 100

52 96.7 66.2 99.4

51 36.9 28.7 43.1

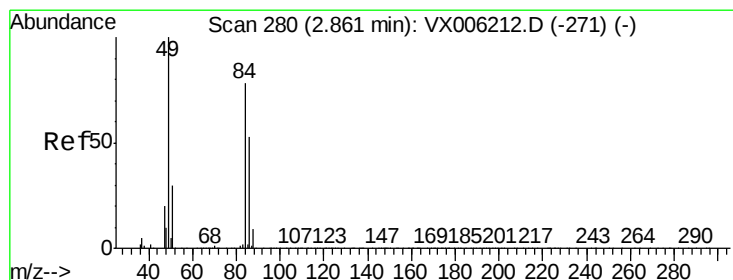
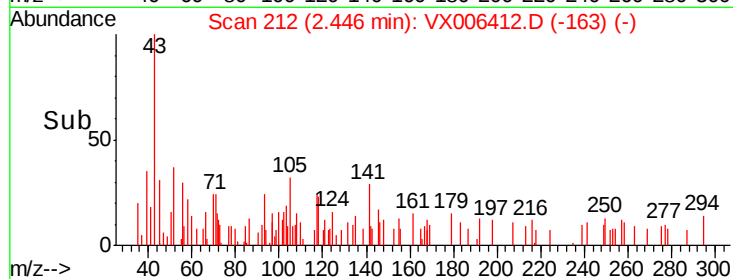
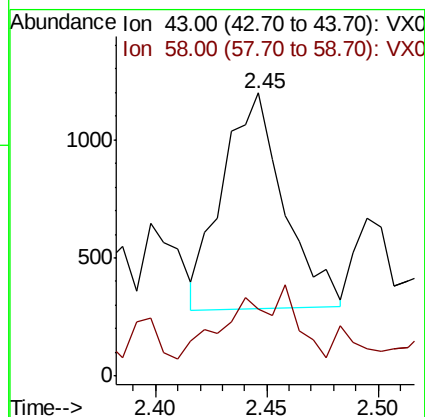
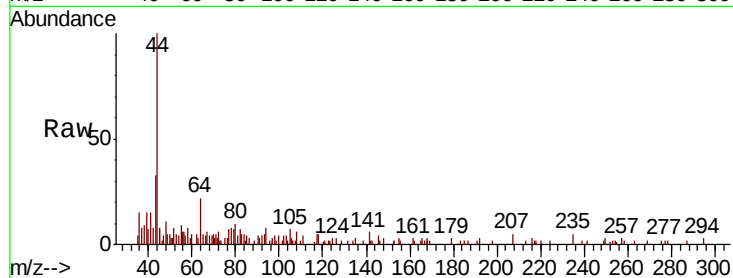




#16
Acetone
Concen: 0.499 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006412.D
Acq: 11 Dec 2018 11:31

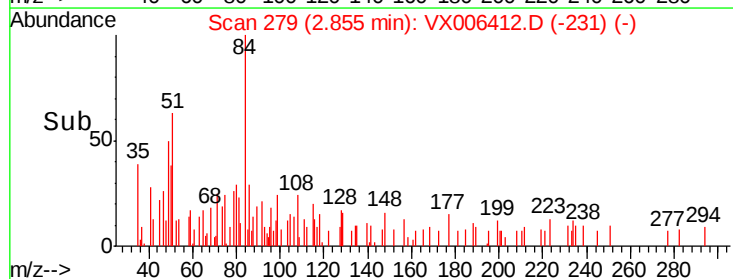
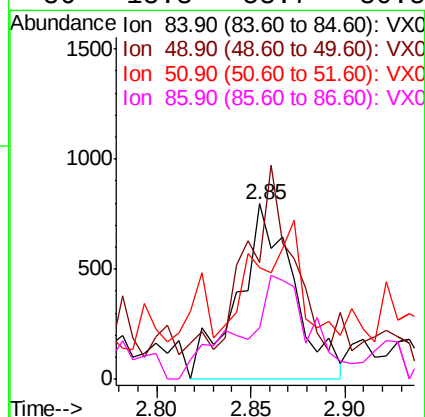
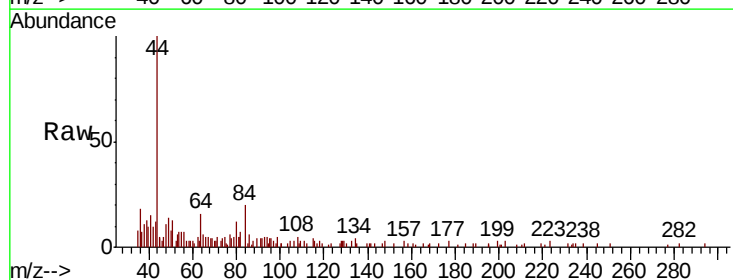
Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

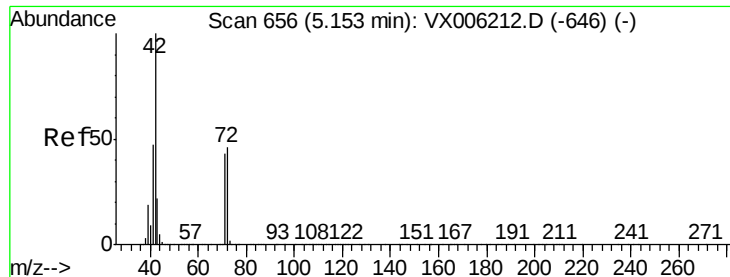
Tgt Ion: 43 Resp: 1753
Ion Ratio Lower Upper
43 100
58 15.1 24.0 36.0#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006412.D
Acq: 11 Dec 2018 11:31

Tgt Ion: 84 Resp: 1633
Ion Ratio Lower Upper
84 100
49 46.3 102.2 153.4#
51 38.4 31.1 46.7
86 18.3 53.7 80.5#





#29

Tetrahydrofuran

Concen: 0.335 ug/l

RT: 5.13 min Scan# 653

Delta R.T. -0.02 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

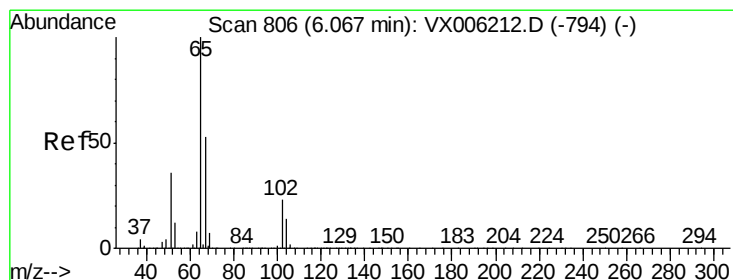
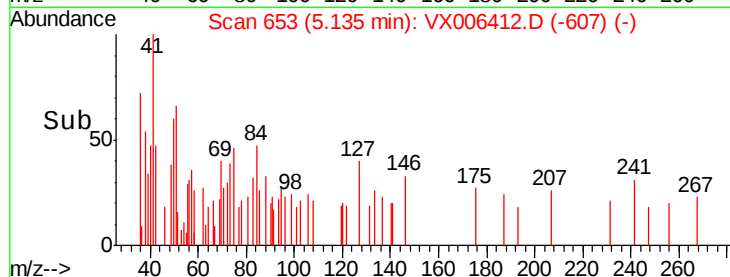
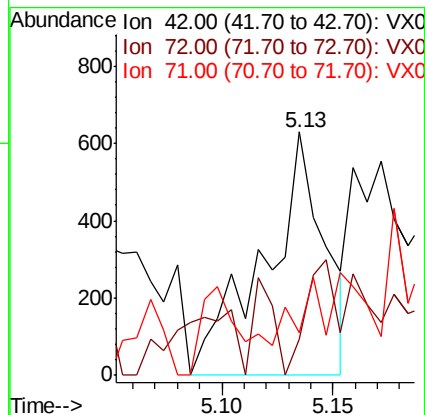
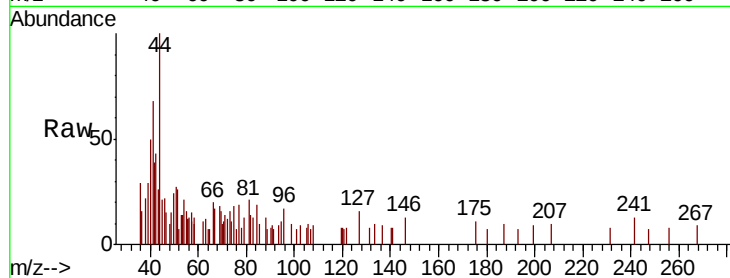
Tgt Ion: 42 Resp: 1168

Ion Ratio Lower Upper

42 100

72 23.8 37.8 56.8#

71 44.6 35.2 52.8



#33

1,2-Dichloroethane-d4

Concen: 52.099 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006412.D

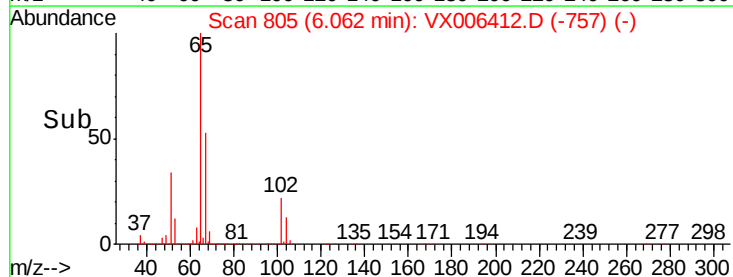
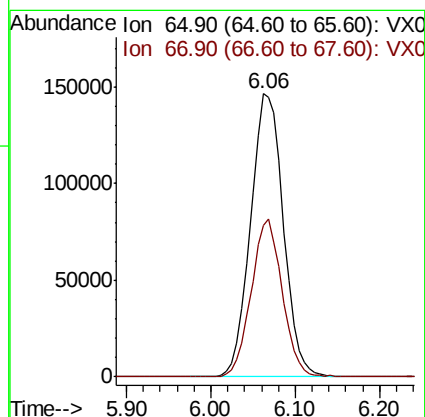
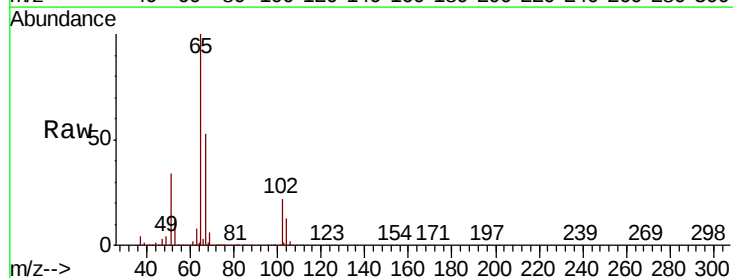
Acq: 11 Dec 2018 11:31

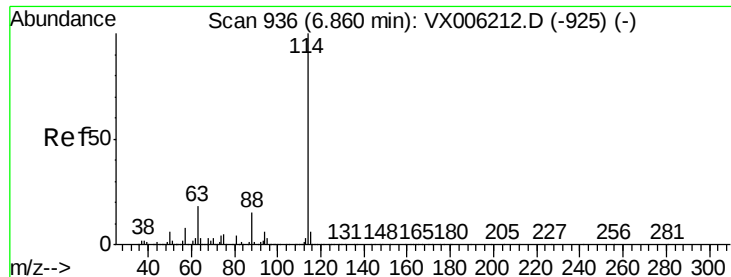
Tgt Ion: 65 Resp: 390024

Ion Ratio Lower Upper

65 100

67 52.8 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: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

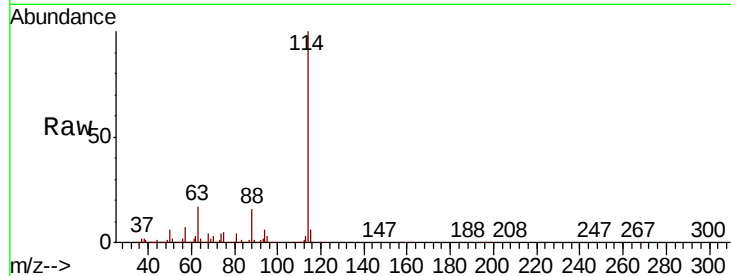
Tgt Ion:114 Resp: 1151699

Ion Ratio Lower Upper

114 100

63 16.7 0.0 36.6

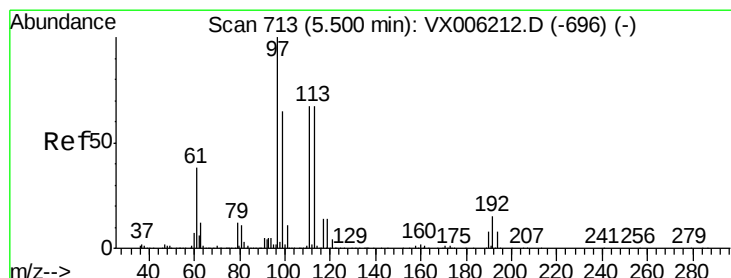
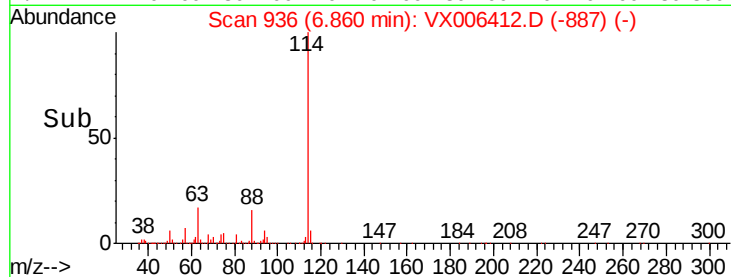
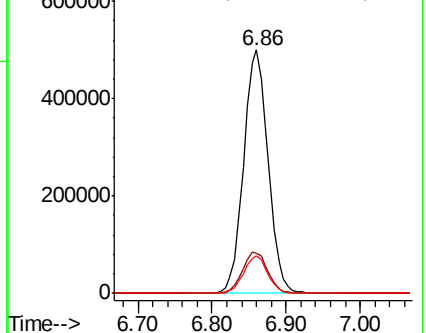
88 15.5 0.0 29.0



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: 47.809 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

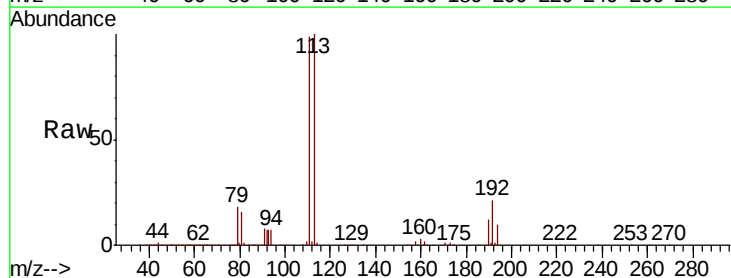
Tgt Ion:113 Resp: 356505

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

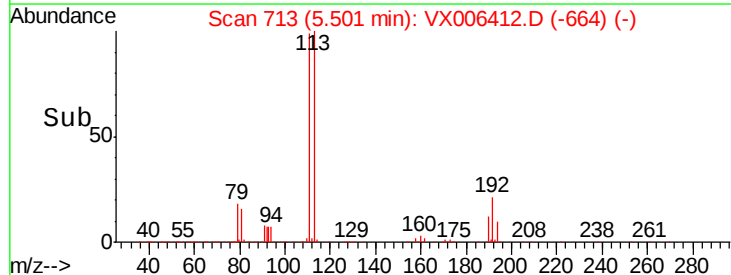
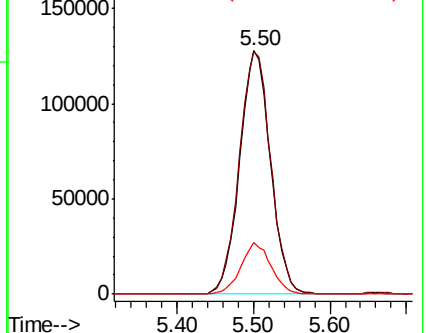
192 20.7 18.2 27.2

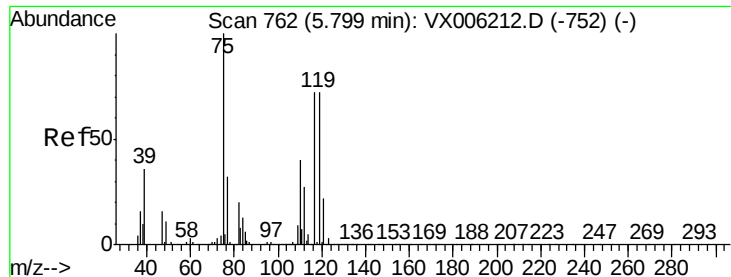


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

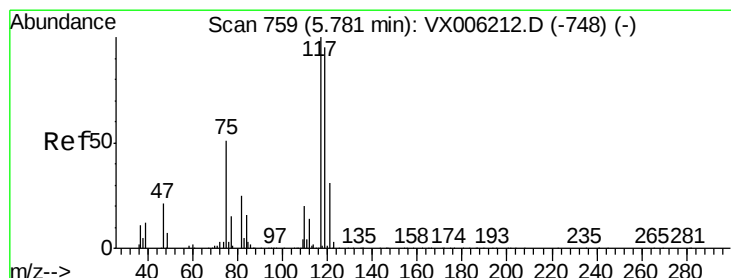
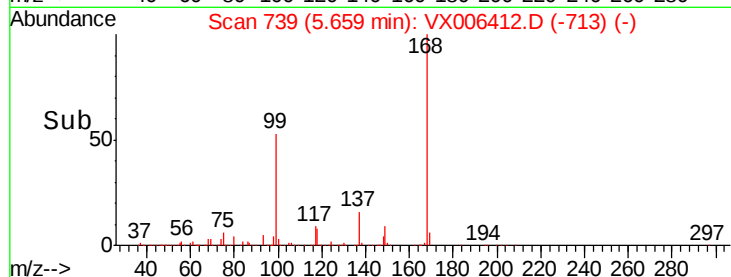
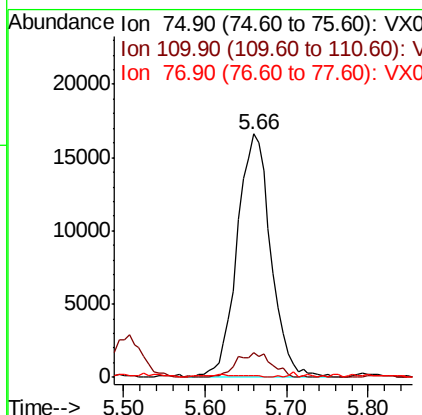
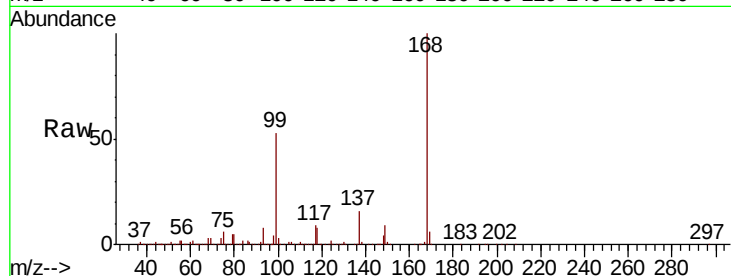




#36
 1,1-Dichloropropene
 Concen: 4.917 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006412.D
 Acq: 11 Dec 2018 11:31

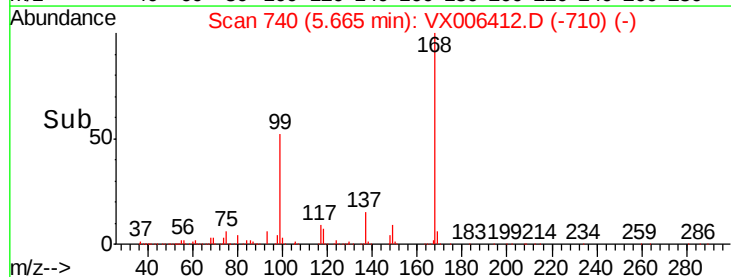
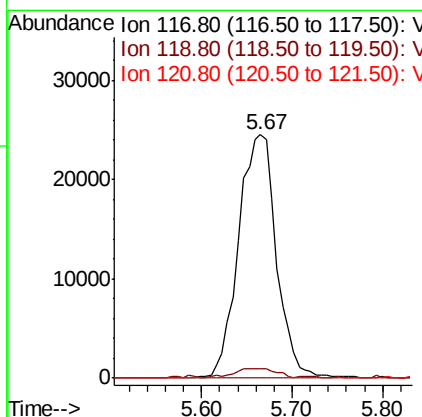
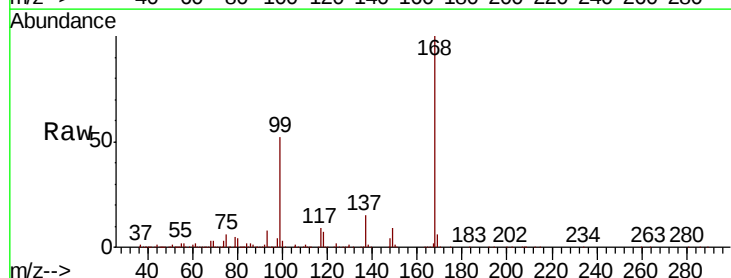
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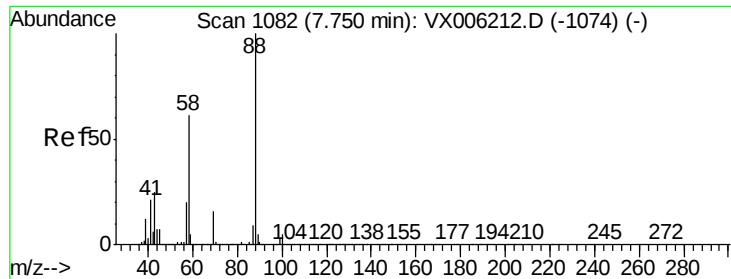
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.4	61.3#
77	0.4	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.202 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006412.D
 Acq: 11 Dec 2018 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.4	75.8	113.8#
121	0.0	24.6	37.0#

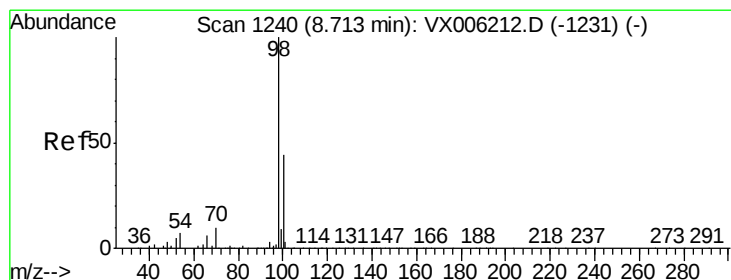
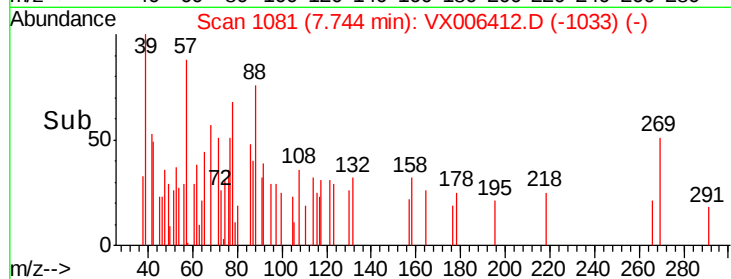
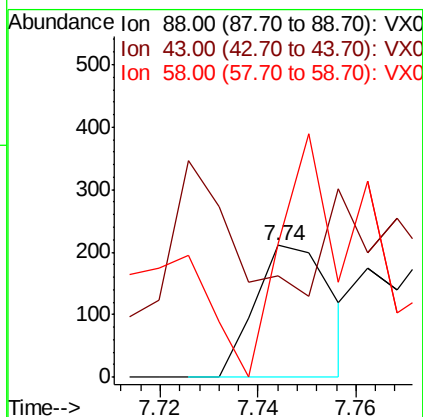
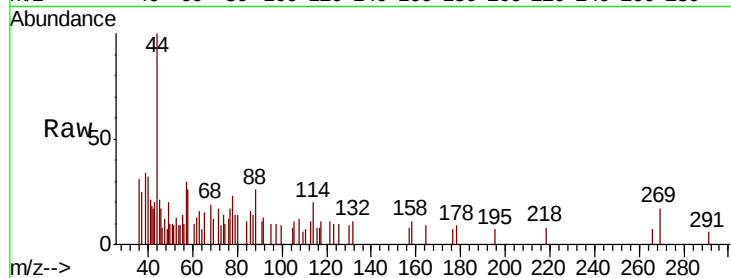




#49
1,4-Dioxane
Concen: 1.050 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006412.D
Acq: 11 Dec 2018 11:31

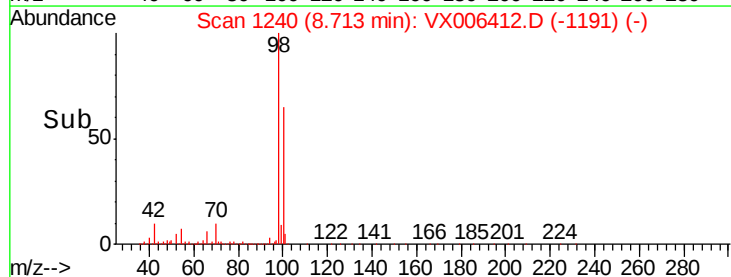
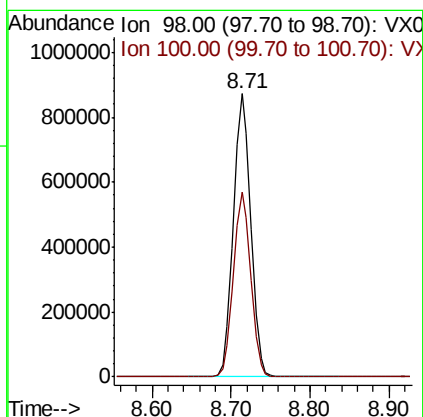
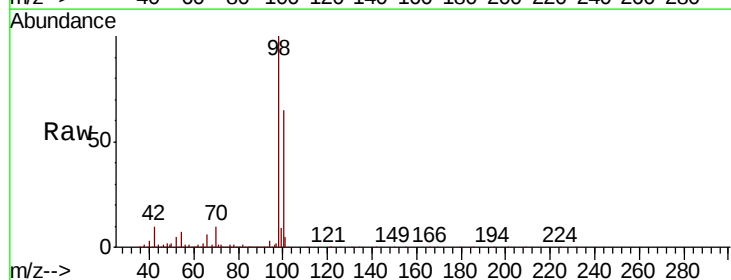
Instrument :
MSVOA_X
ClientSampled :
VX1211WBL01

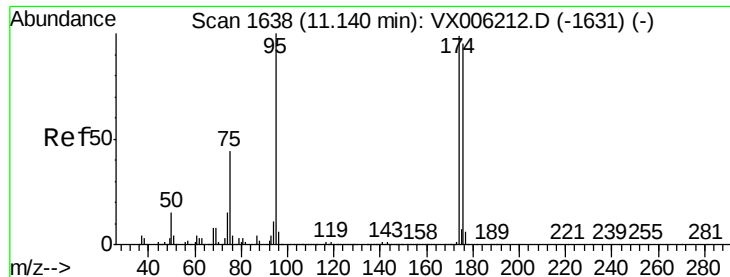
Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 76.3 23.2 34.8#
58 210.5 51.4 77.0#



#50
Toluene-d8
Concen: 49.502 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006412.D
Acq: 11 Dec 2018 11:31

Tgt Ion: 98 Resp: 1342669
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.721 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

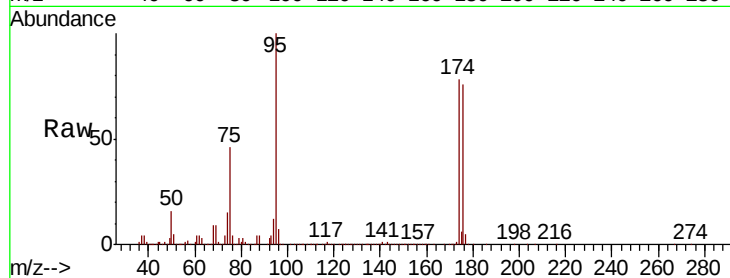
Tgt Ion: 95 Resp: 497973

Ion Ratio Lower Upper

95 100

174 85.1 0.0 187.0

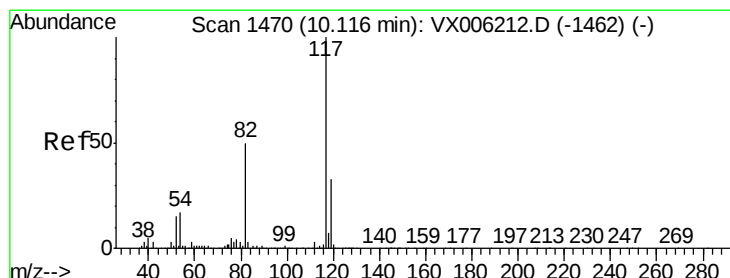
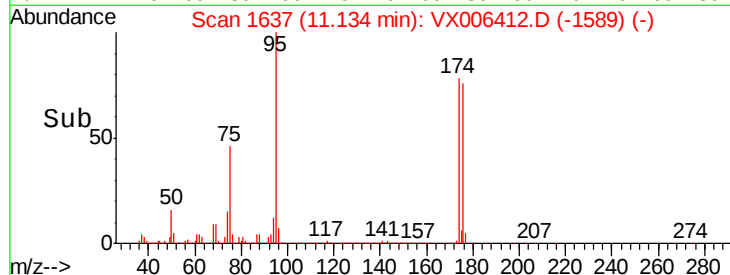
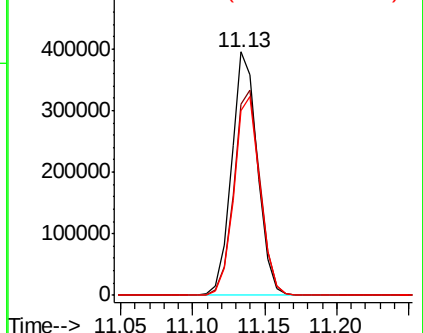
176 82.4 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

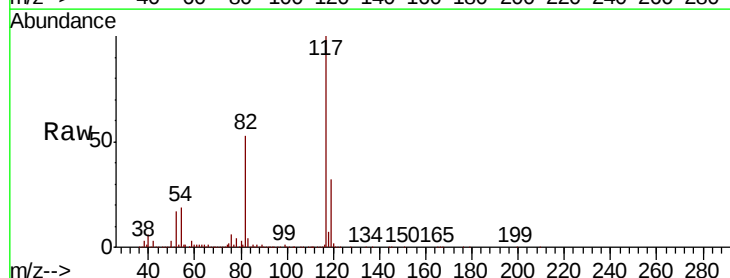
Tgt Ion: 117 Resp: 1039986

Ion Ratio Lower Upper

117 100

82 53.1 39.6 59.4

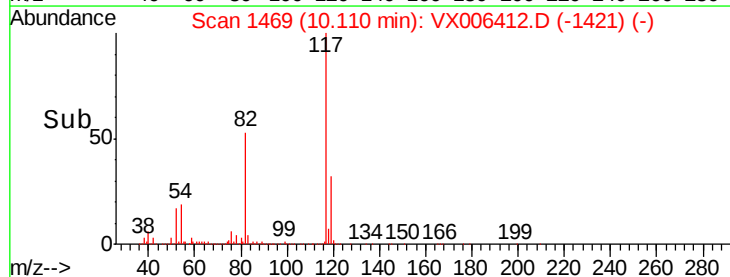
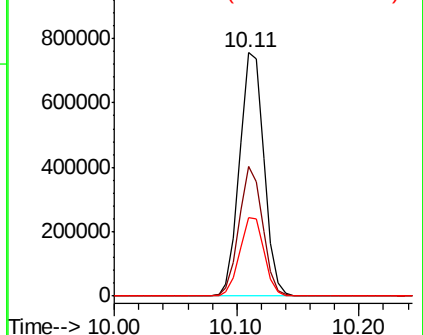
119 32.3 26.3 39.5

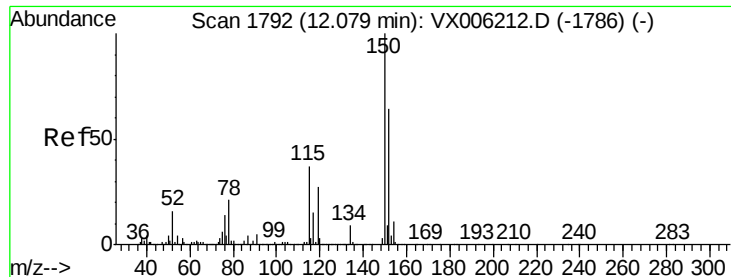


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

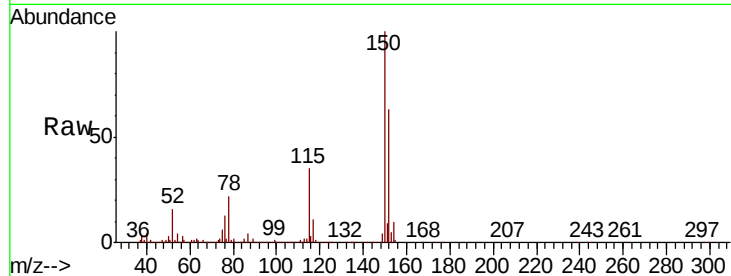
Tgt Ion: 152 Resp: 495839

Ion Ratio Lower Upper

152 100

115 57.4 39.0 116.9

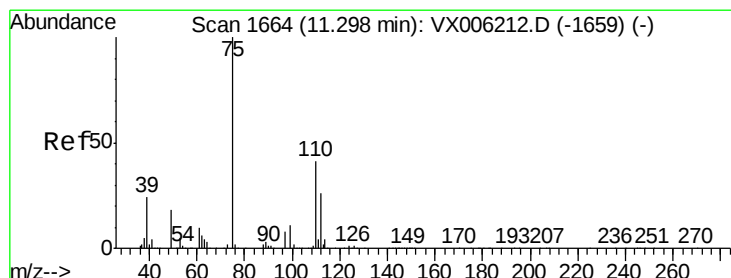
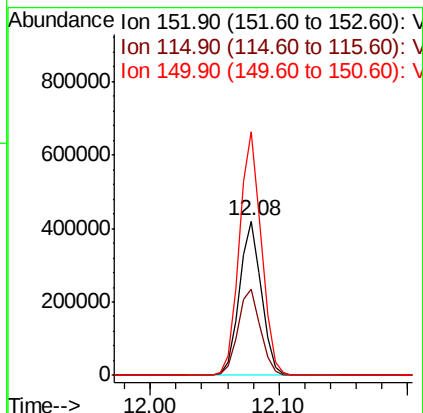
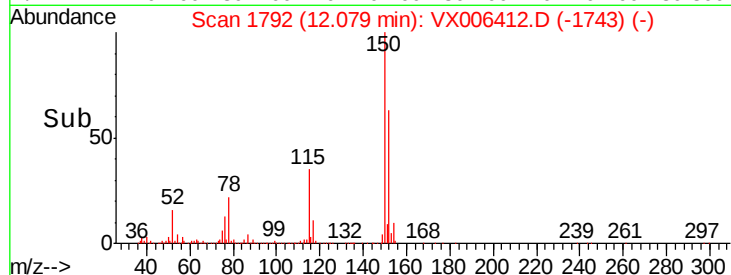
150 158.0 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006412.D

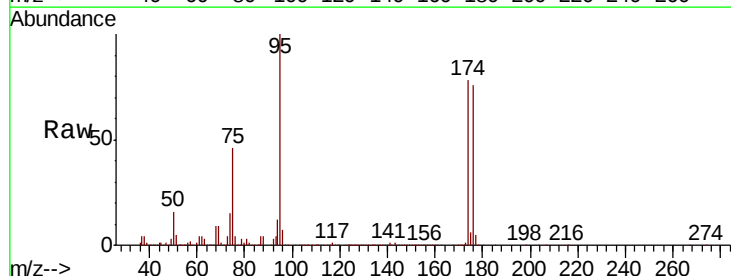
Acq: 11 Dec 2018 11:31

Tgt Ion: 75 Resp: 226863

Ion Ratio Lower Upper

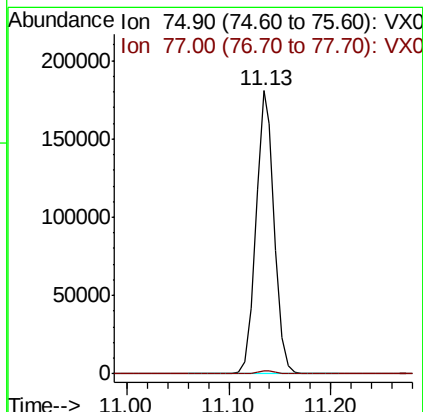
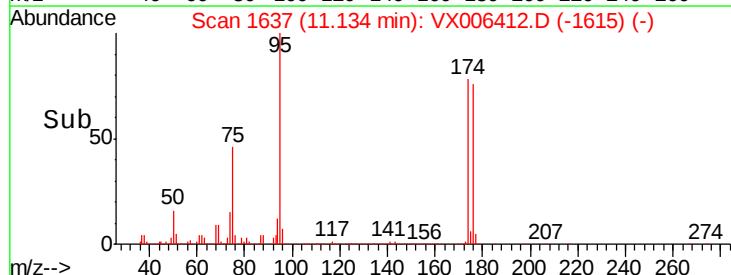
75 100

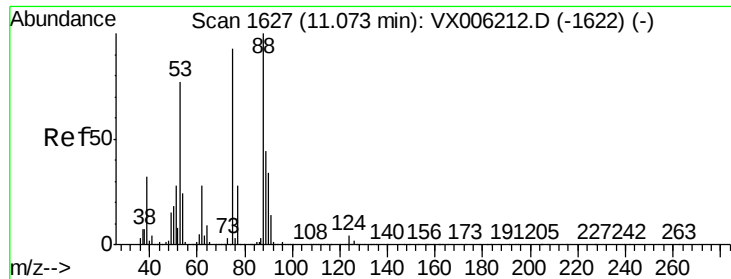
77 1.2 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.628 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006412.D

Acq: 11 Dec 2018 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

Tgt Ion: 75 Resp: 226863

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#

