

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006515.D
 Acq On : 14 Dec 2018 13:52
 Operator : JC/MD
 Sample : J6395-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:35:04 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	706929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1114761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1007191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	480500	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	376375	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	5.50	113	338443	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	
50) Toluene-d8	8.71	98	1304725	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	480337	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	

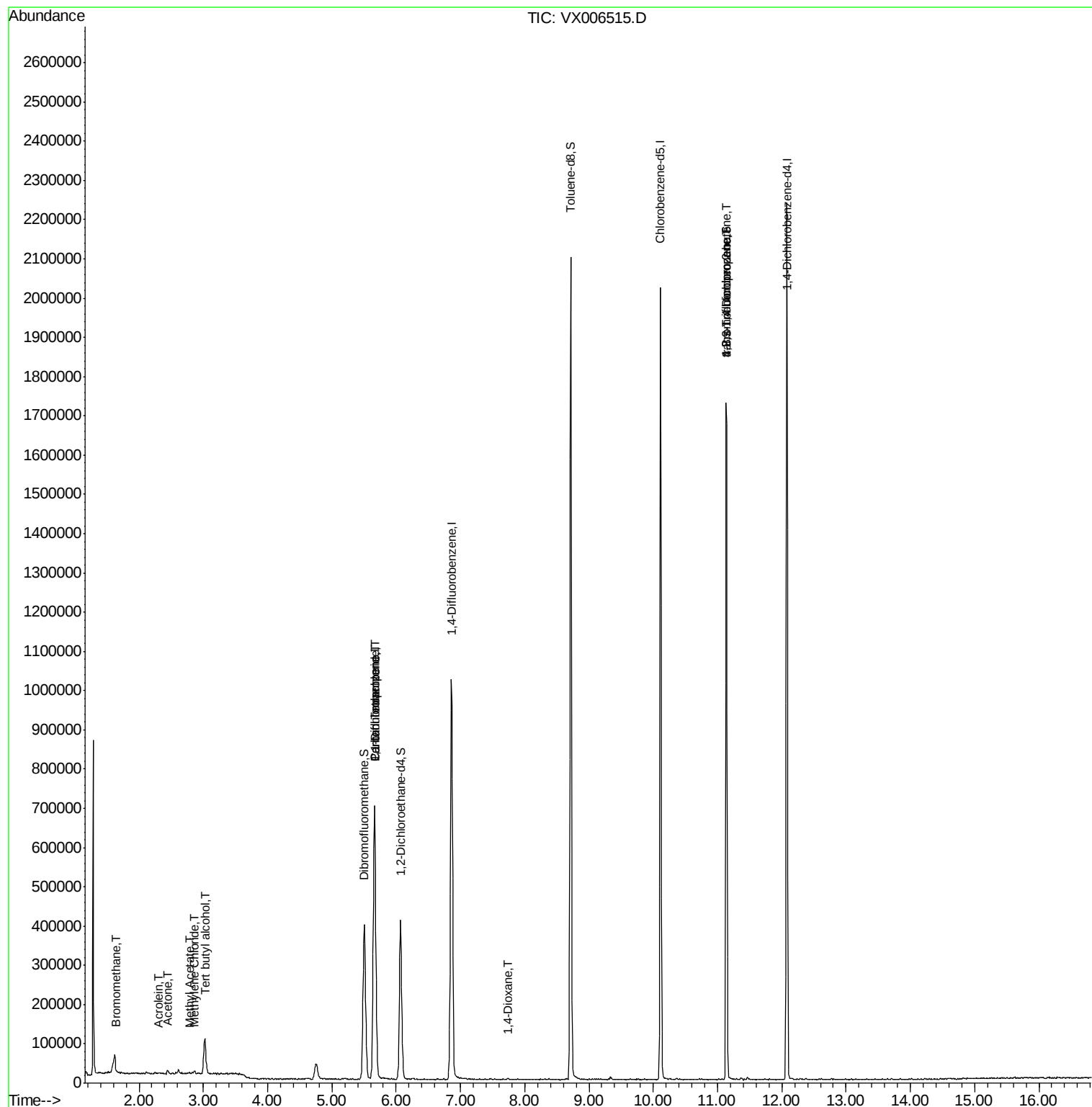
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	2048	0.386	ug/l #	51
11) Tert butyl alcohol	3.03	59	55900	28.324	ug/l #	79
13) Acrolein	2.30	56	738	0.684	ug/l #	80
16) Acetone	2.45	43	10083	2.977	ug/l	95
18) Methyl Acetate	2.78	43	3379	0.298	ug/l #	55
20) Methylene Chloride	2.85	84	3008	0.417	ug/l #	78
36) 1,1-Dichloropropene	5.66	75	46506	4.954	ug/l #	48
38) Carbon Tetrachloride	5.67	117	66456	6.018	ug/l #	17
49) 1,4-Dioxane	7.74	88	171	0.814	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	218166	23.523	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	218166	55.203	ug/l #	15

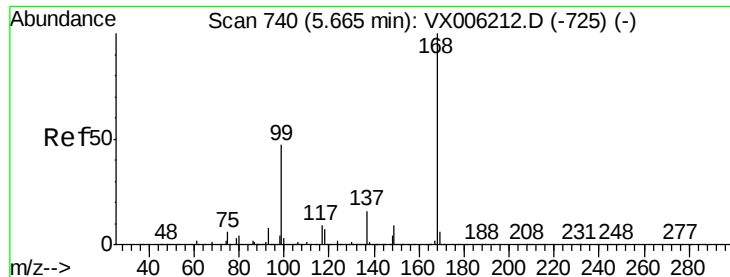
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

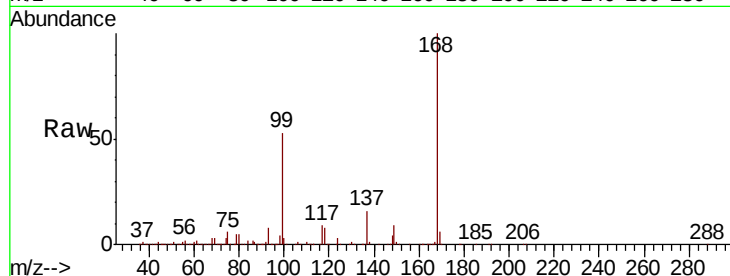
ClientSampleId :

Tot Ion:168 Resp: 706929

Ion Ratio Lower Upper

168 100

99 53.3 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

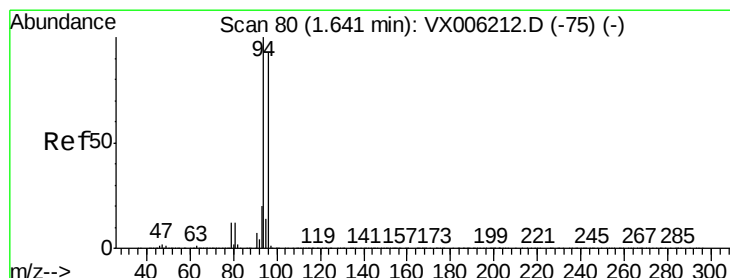
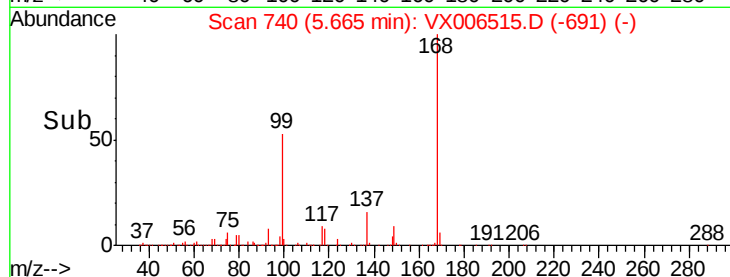
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.386 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006515.D

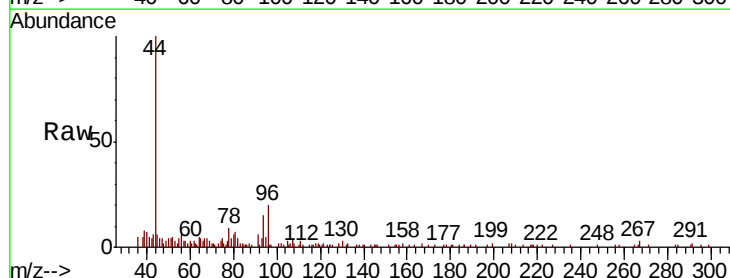
Acq: 14 Dec 2018 13:52

Tgt Ion: 94 Resp: 2048

Ion Ratio Lower Upper

94 100

96 139.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

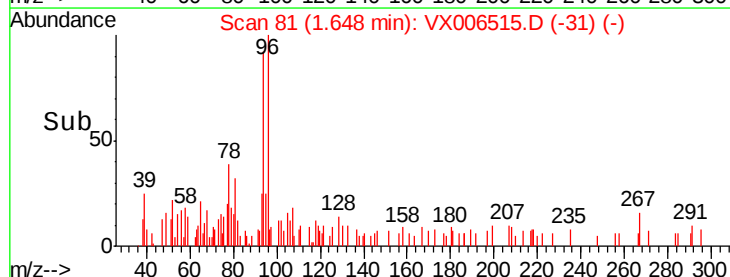
1500

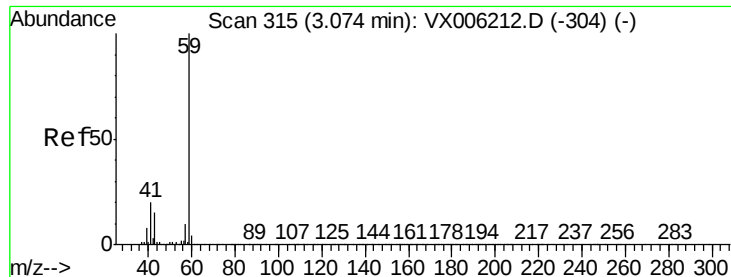
1000

500

0

Time--> 1.55 1.60 1.65 1.70



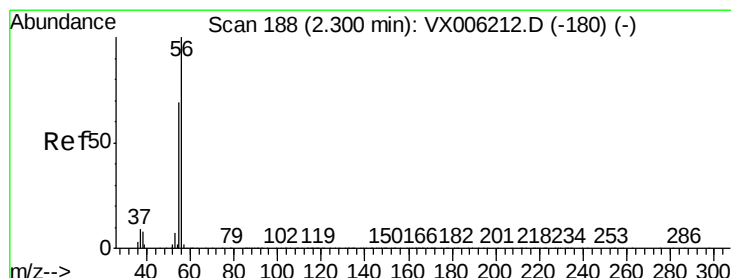
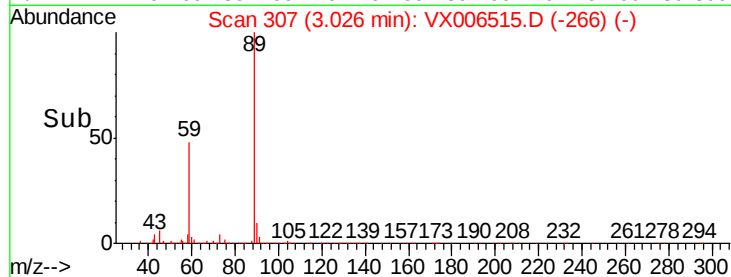
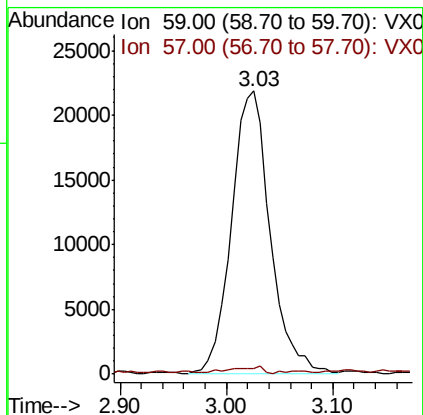
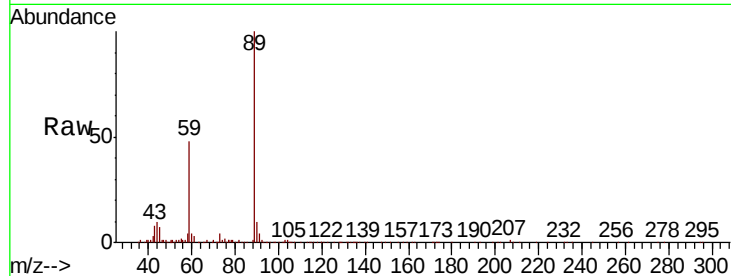


#11

Tert butyl alcohol
 Concen: 28.324 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX006515.D
 Acq: 14 Dec 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :

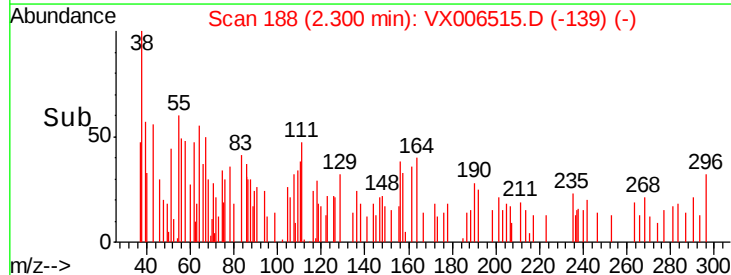
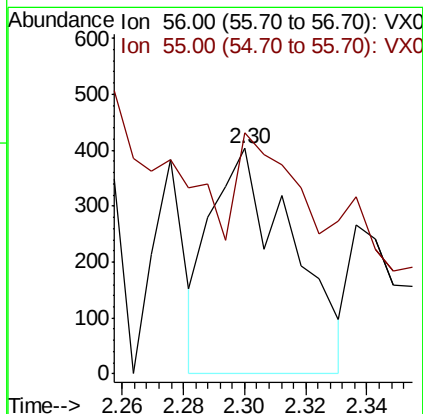
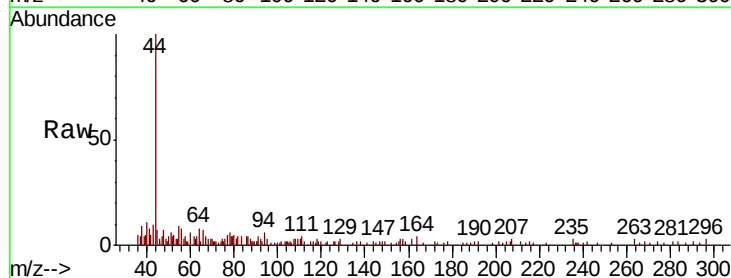
Tot Ion: 59 Resp: 55900
 Ion Ratio Lower Upper
 59 100
 57 2.5 8.2 12.2#

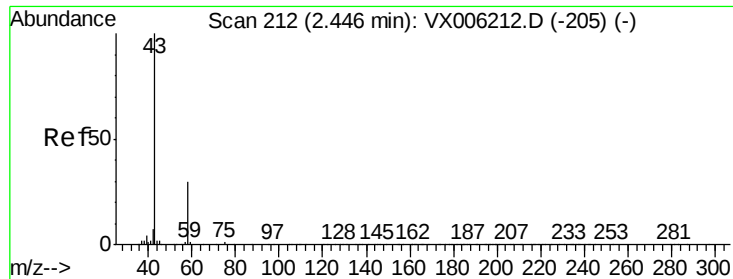


#13

Acrolein
 Concen: 0.684 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VX006515.D
 Acq: 14 Dec 2018 13:52

Tgt Ion: 56 Resp: 738
 Ion Ratio Lower Upper
 56 100
 55 55.6 57.8 86.6#

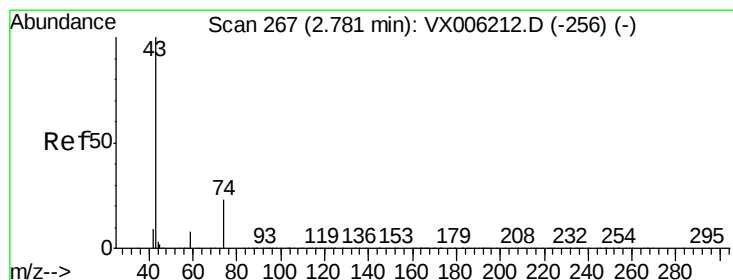
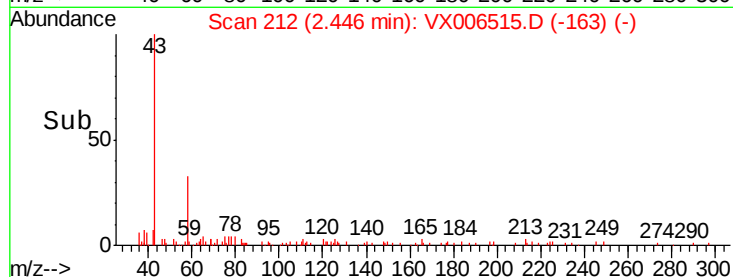
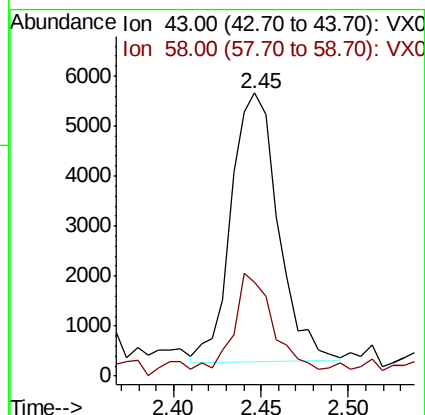
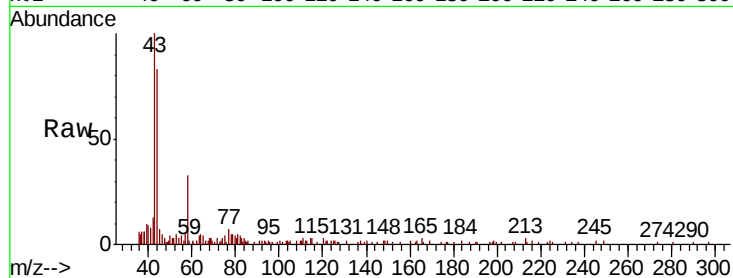




#16
Acetone
Concen: 2.977 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

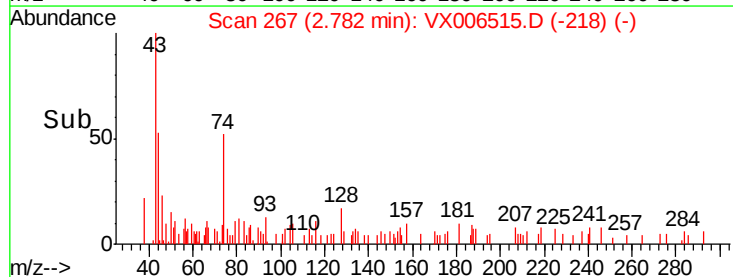
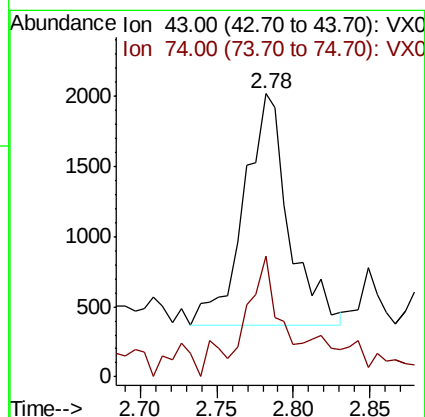
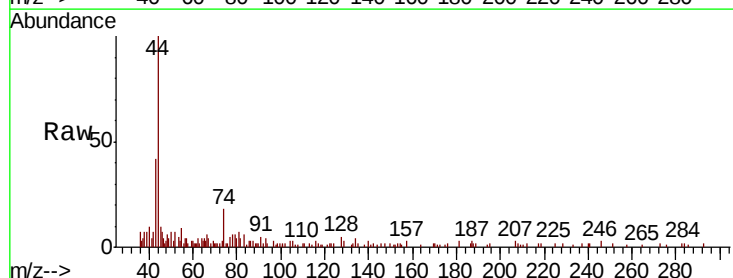
Instrument :
MSVOA_X
ClientSampleId :

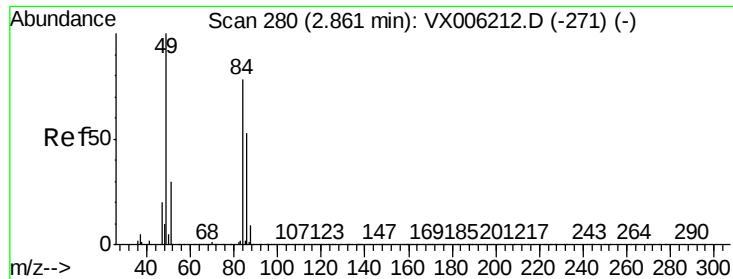
Tot Ion: 43 Resp: 10083
Ion Ratio Lower Upper
43 100
58 32.7 24.0 36.0



#18
Methyl Acetate
Concen: 0.298 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

Tgt Ion: 43 Resp: 3379
Ion Ratio Lower Upper
43 100
74 44.0 17.9 26.9#

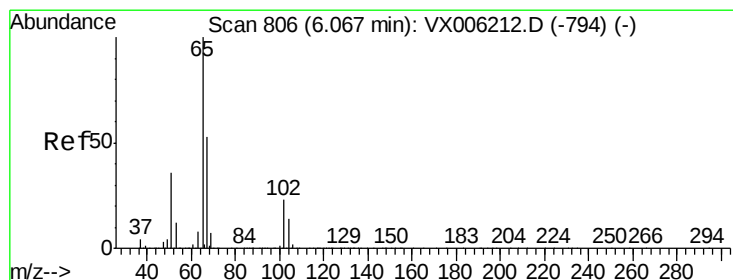
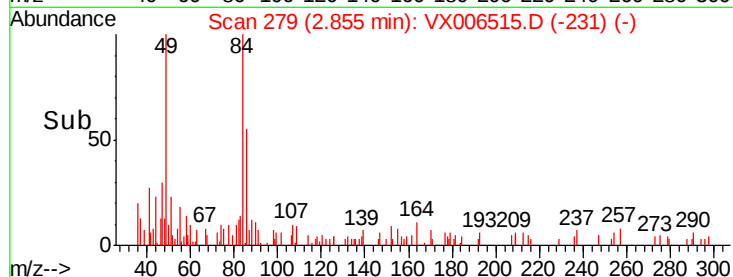
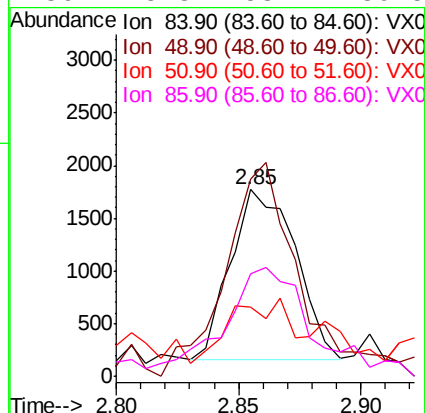
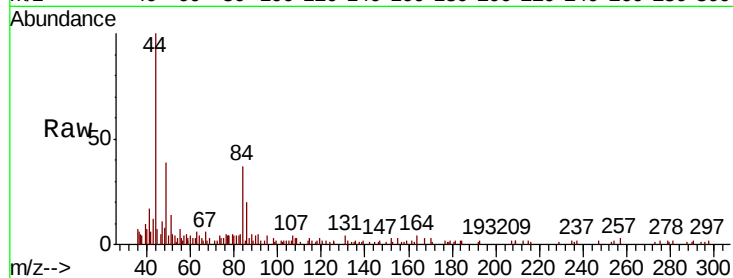




#20
Methvlene Chloride
Concen: 0.417 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

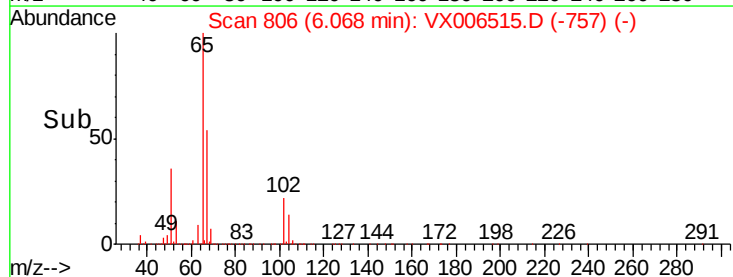
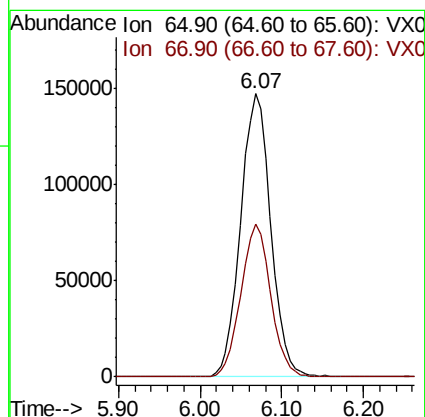
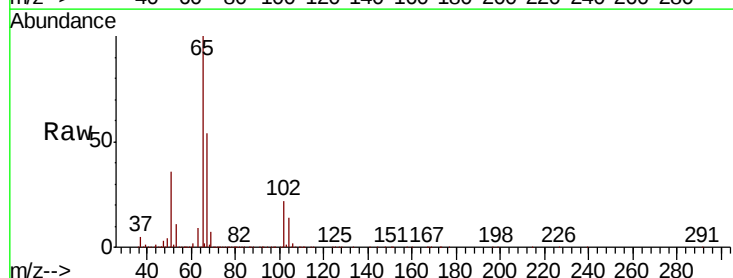
Instrument :
MSVOA_X
ClientSampleId :

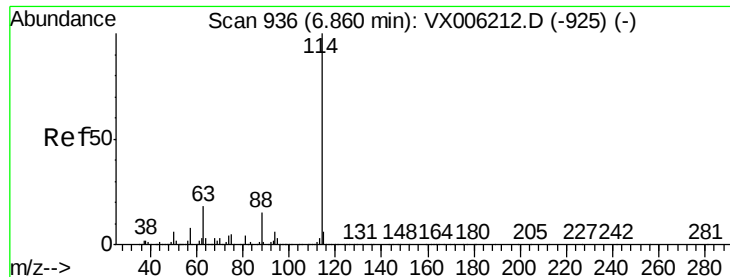
Tot Ion: 84 Resp: 3008
Ion Ratio Lower Upper
84 100
49 101.6 102.2 153.4#
51 33.3 31.1 46.7
86 45.8 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 52.154 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

Tgt Ion: 65 Resp: 376375
Ion Ratio Lower Upper
65 100
67 53.6 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: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

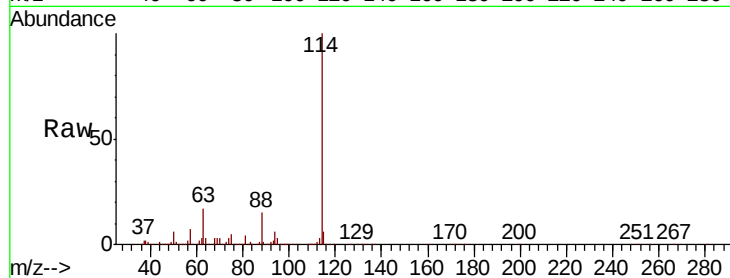
Tot Ion:114 Resp: 1114761

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

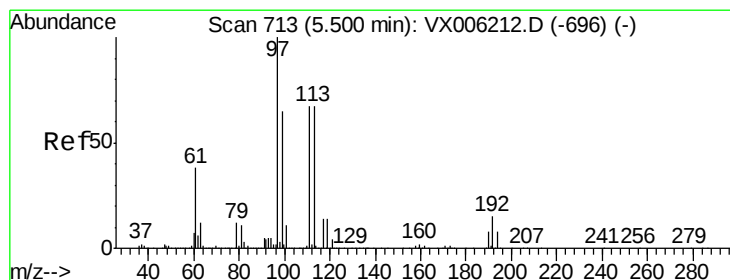
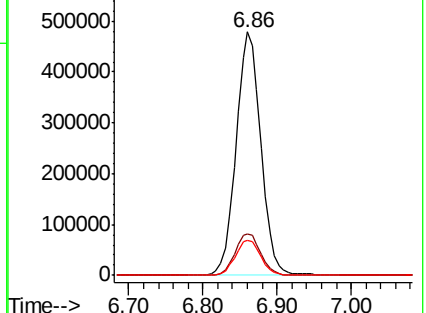
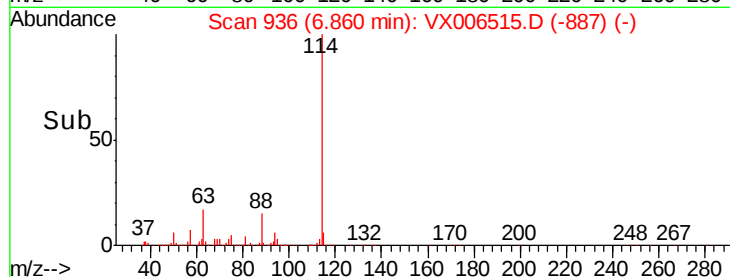
88 14.6 0.0 29.0



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: 46.891 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

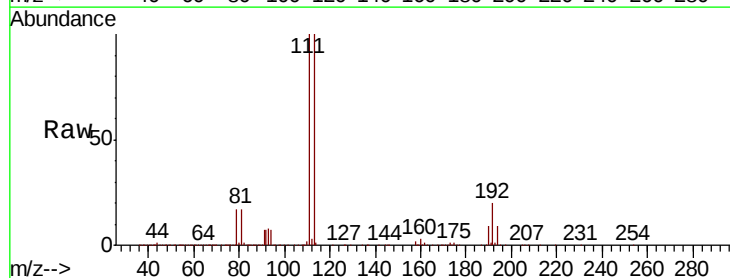
Tgt Ion:113 Resp: 338443

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

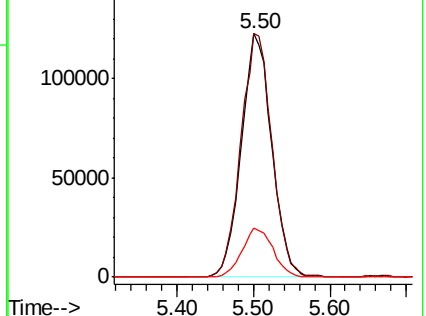
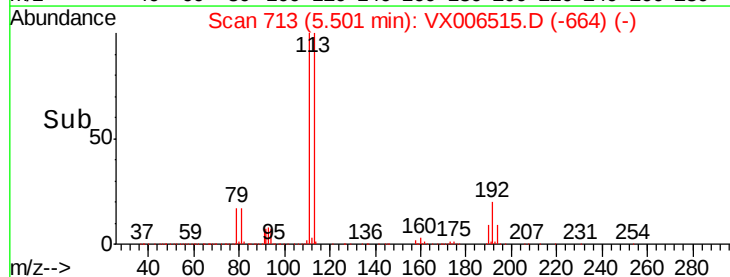
192 20.6 18.2 27.2

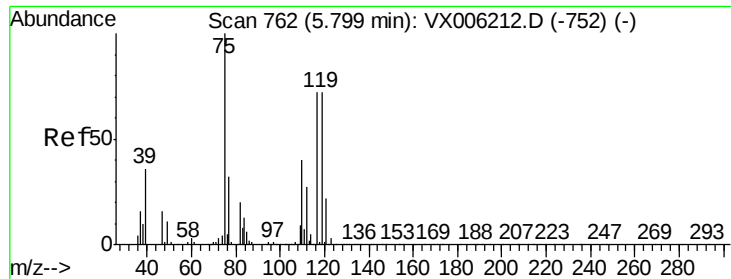


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.954 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :

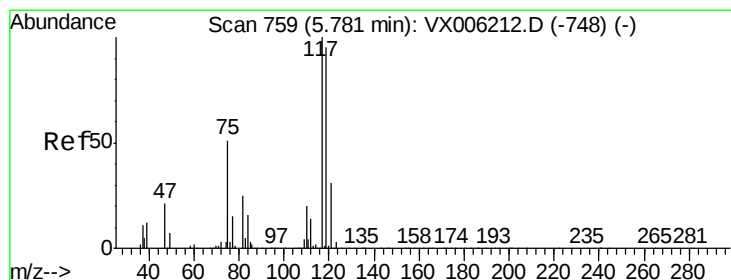
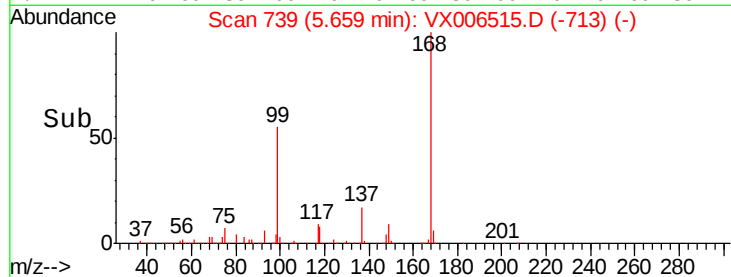
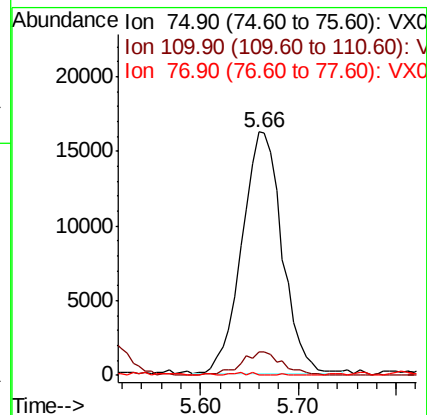
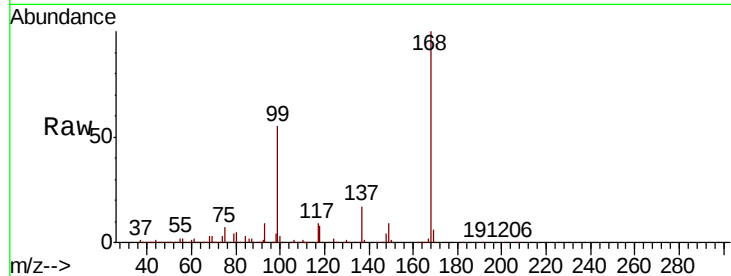
Tot Ion: 75 Resp: 46506

Ion Ratio Lower Upper

75 100

110 10.0 20.4 61.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.018 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

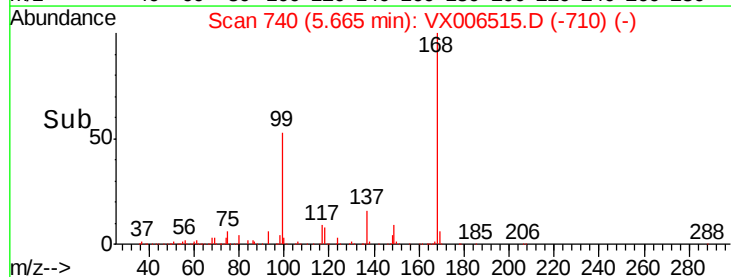
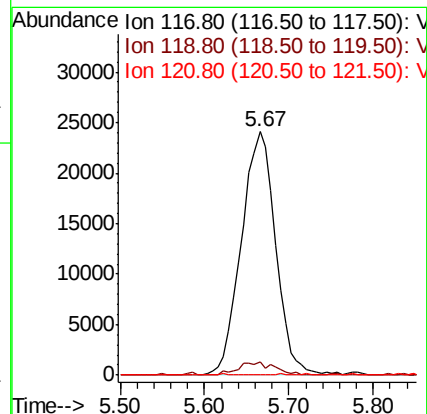
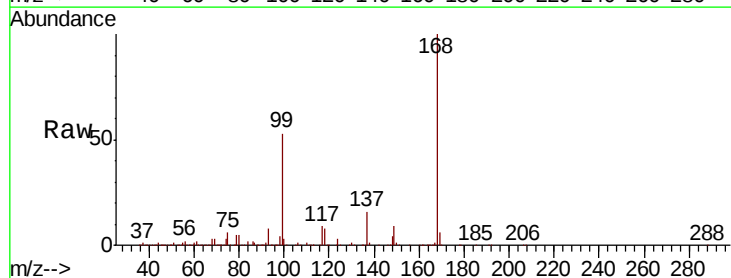
Tgt Ion:117 Resp: 66456

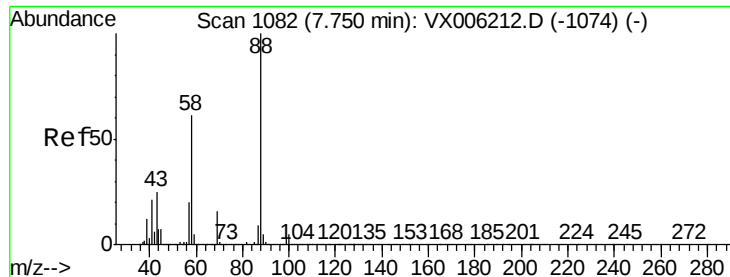
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.814 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

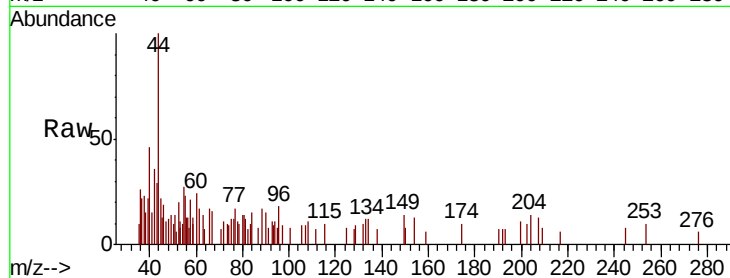
Tot Ion: 88 Resp: 171

Ion Ratio Lower Upper

88 100

43 356.1 23.2 34.8#

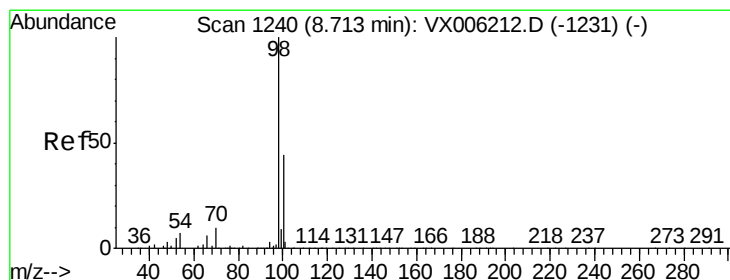
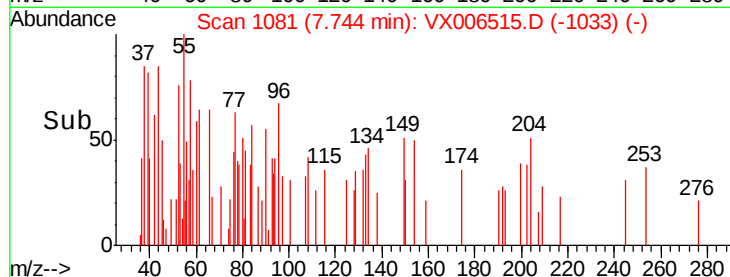
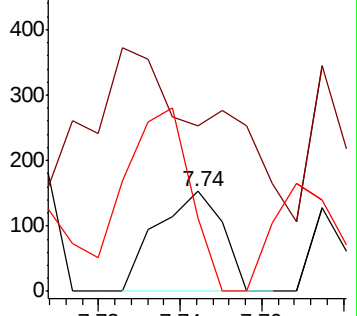
58 175.4 51.4 77.0#



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: 49.697 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006515.D

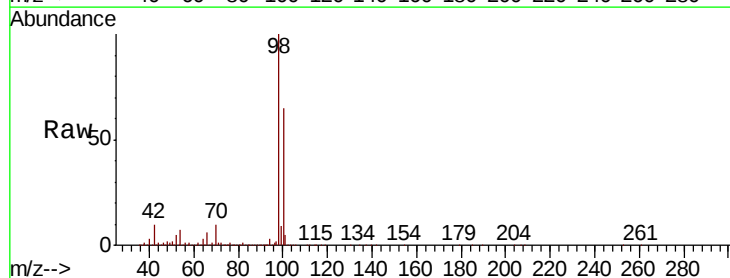
Acq: 14 Dec 2018 13:52

Tgt Ion: 98 Resp: 1304725

Ion Ratio Lower Upper

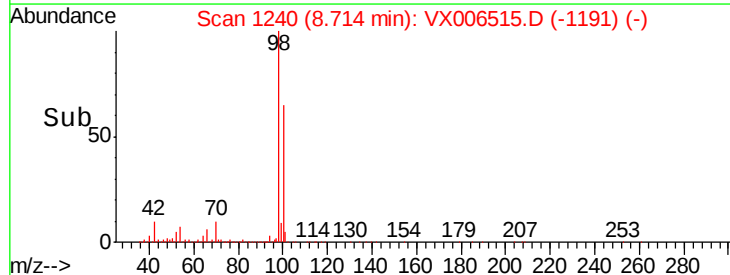
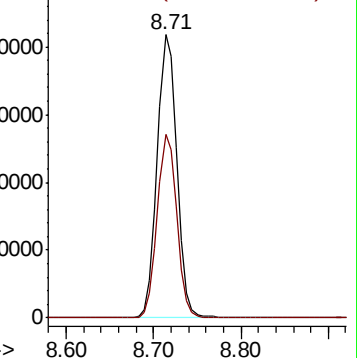
98 100

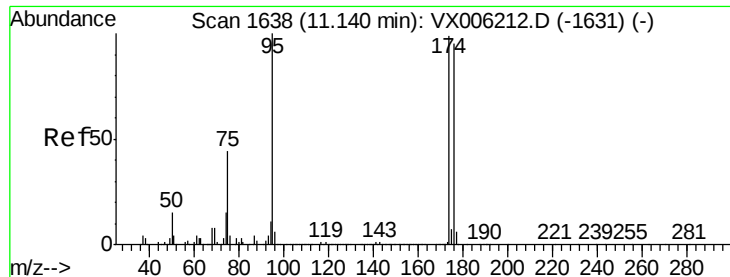
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.553 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

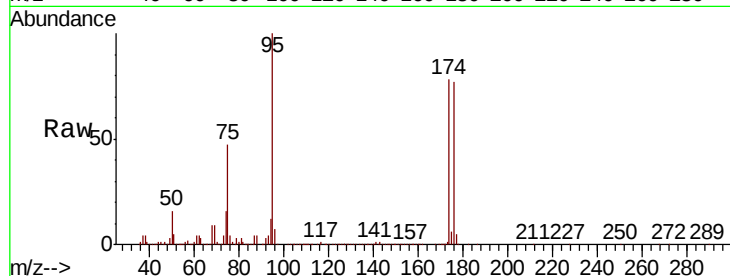
Tot Ion: 95 Resp: 480337

Ion Ratio Lower Upper

95 100

174 85.4 0.0 187.0

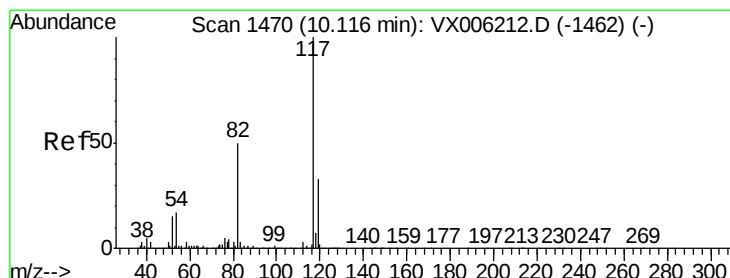
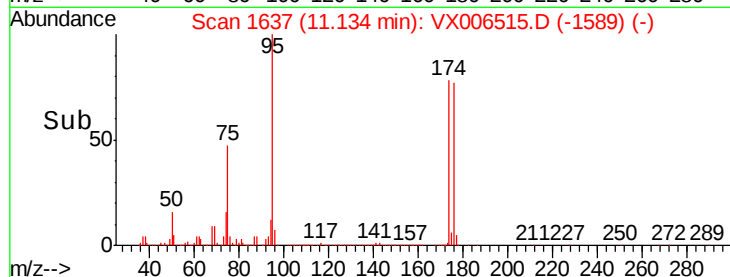
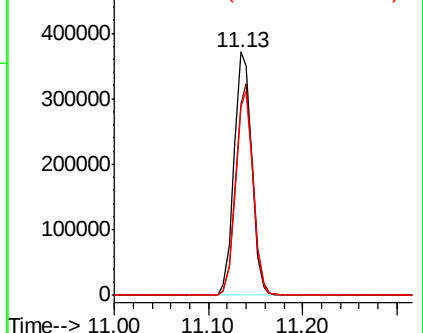
176 82.6 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

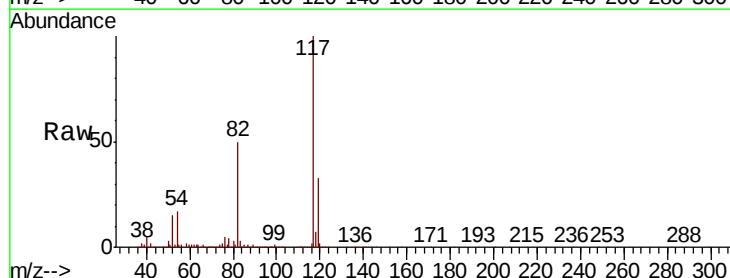
Tgt Ion: 117 Resp: 1007191

Ion Ratio Lower Upper

117 100

82 49.6 39.6 59.4

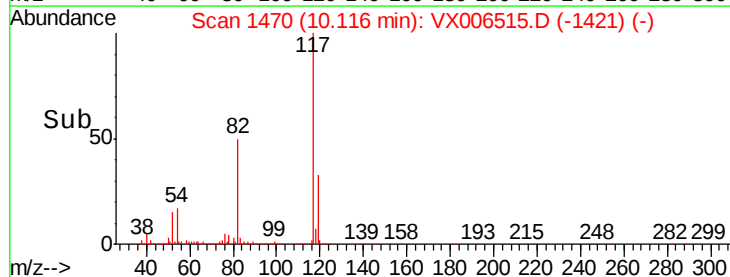
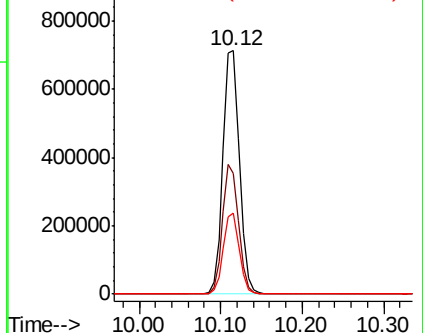
119 33.0 26.3 39.5

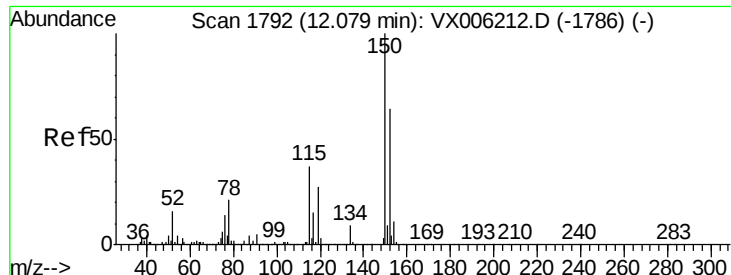


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)



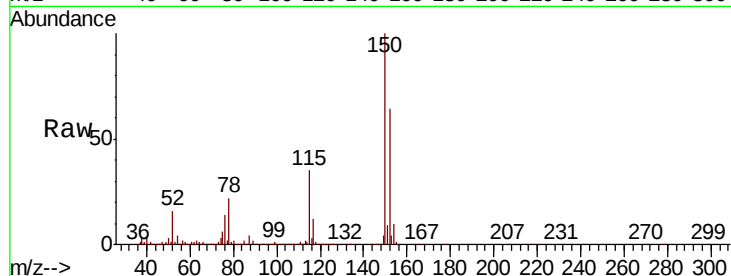


#72

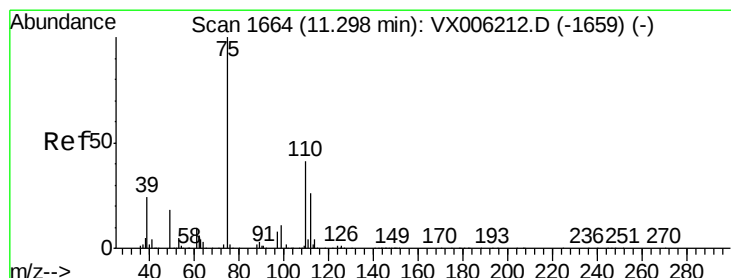
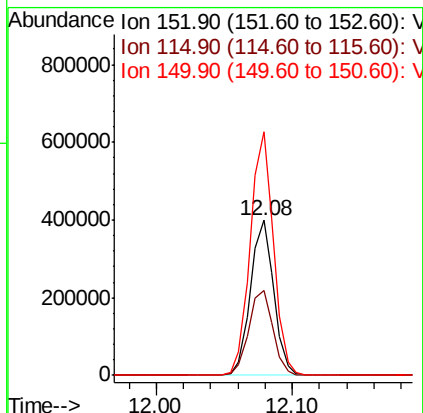
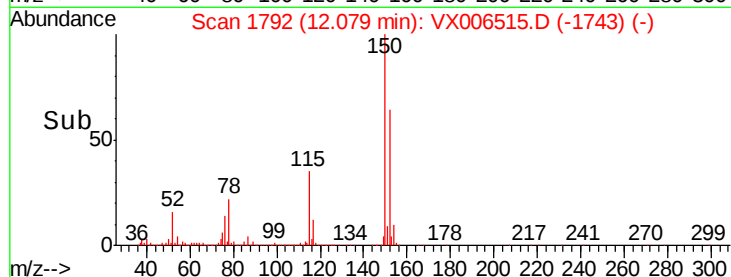
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.0	116.9
150	156.4	0.0	345.8



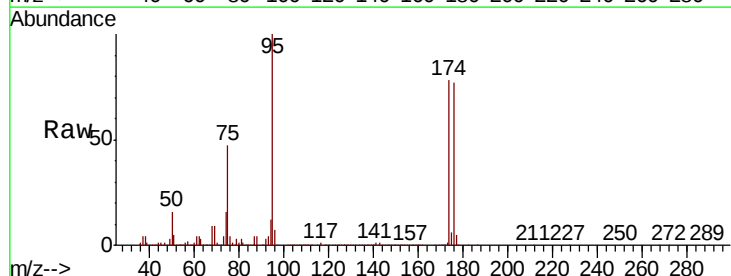
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



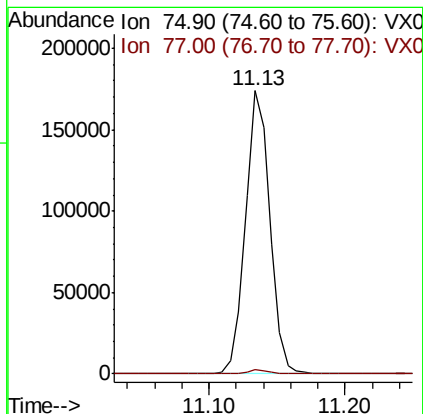
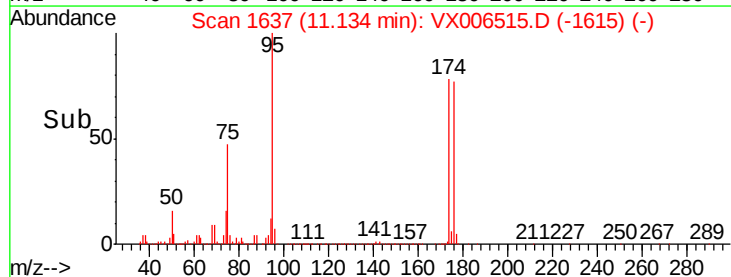
#76

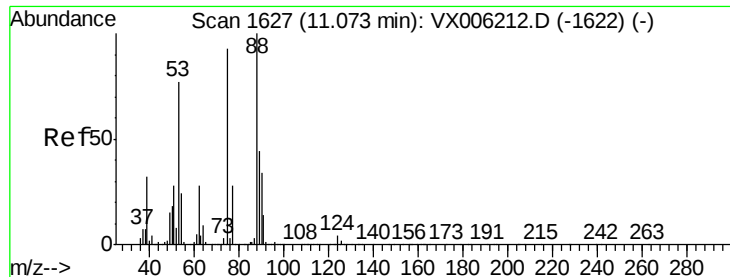
1,2,3-Trichloropropane
Concen: 23.523 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006515.D
Acq: 14 Dec 2018 13:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 55.203 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006515.D

Acq: 14 Dec 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

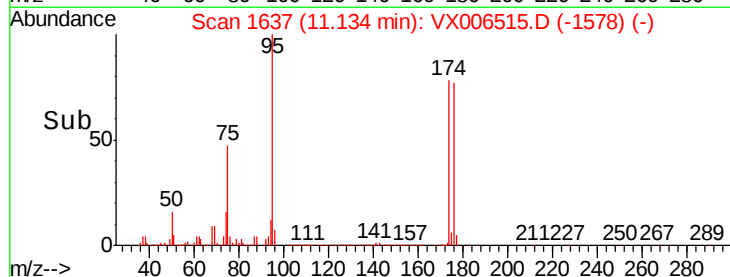
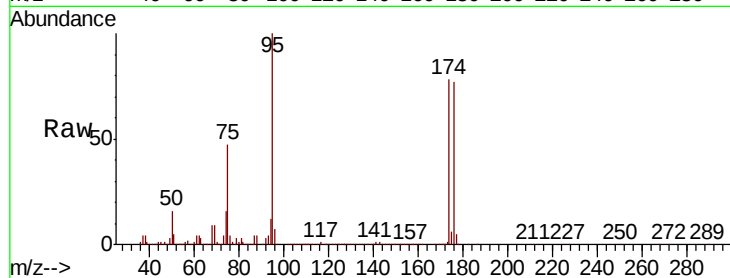
Tot Ion: 75 Resp: 218166

Ion Ratio Lower Upper

75 100

53 0.1 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

