

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006532.D
 Acq On : 14 Dec 2018 21:52
 Operator : JC/MD
 Sample : J6395-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:39:24 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	655873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1048379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	966744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	443139	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	361511	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	5.50	113	312719	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	8.71	98	1253461	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	452864	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	

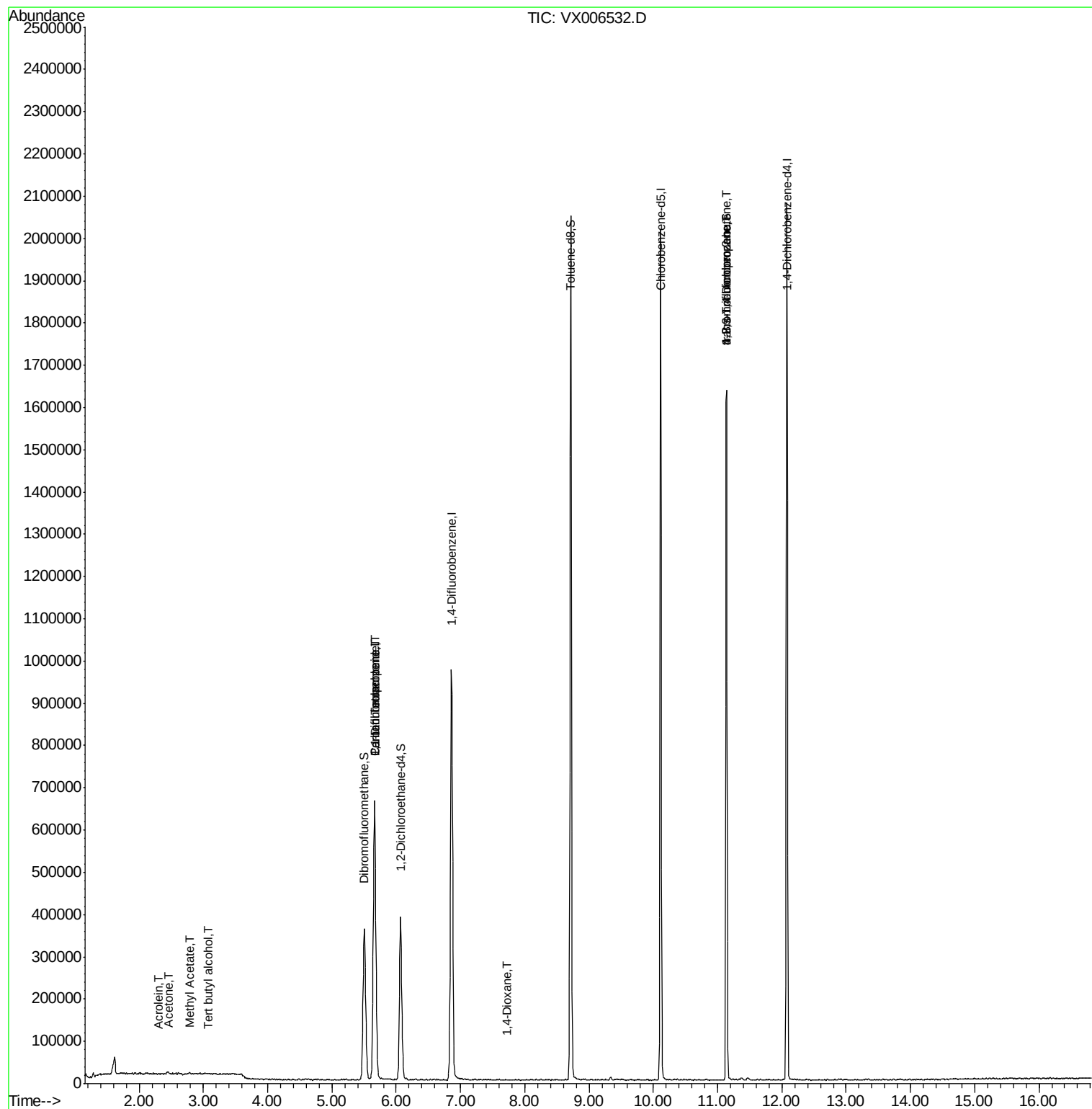
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	452	0.247	ug/l #	1
13) Acrolein	2.30	56	337	0.337	ug/l #	13
16) Acetone	2.45	43	4210	1.340	ug/l #	85
18) Methyl Acetate	2.78	43	3691	0.351	ug/l #	54
36) 1,1-Dichloropropene	5.66	75	45013	5.099	ug/l #	48
38) Carbon Tetrachloride	5.67	117	62188	5.988	ug/l #	16
49) 1,4-Dioxane	7.72	88	150	0.759	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	211726	24.754	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	211726	58.090	ug/l #	15

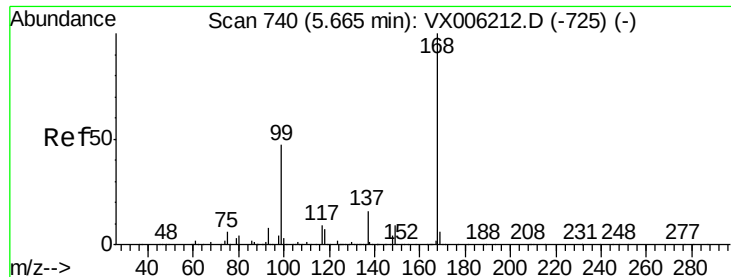
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006532.D

Acq: 14 Dec 2018 21:52

Instrument :

MSVOA_X

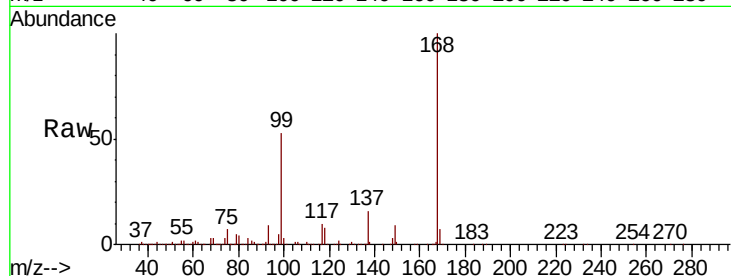
ClientSampleId :

Tot Ion:168 Resp: 655873

Ion Ratio Lower Upper

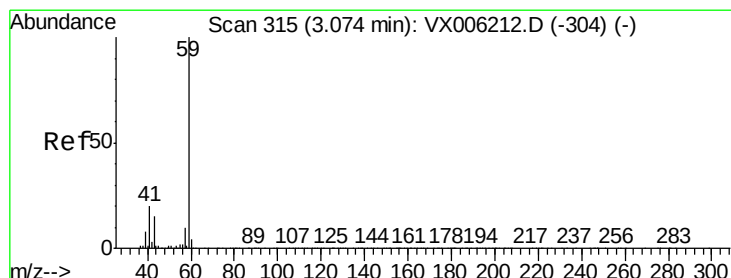
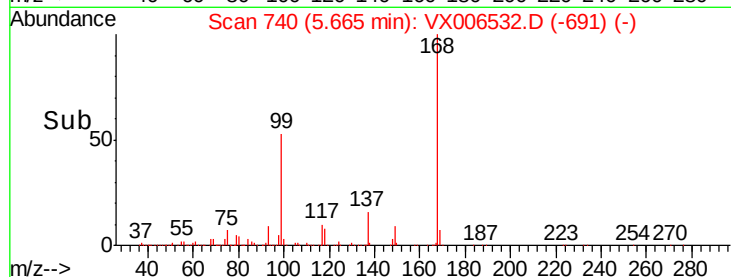
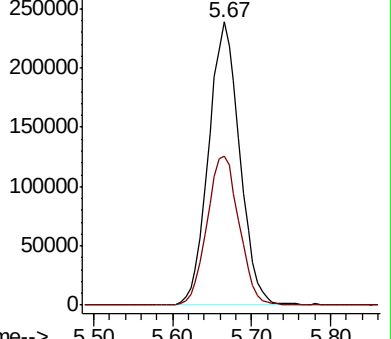
168 100

99 52.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.247 ug/l

RT: 3.07 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX006532.D

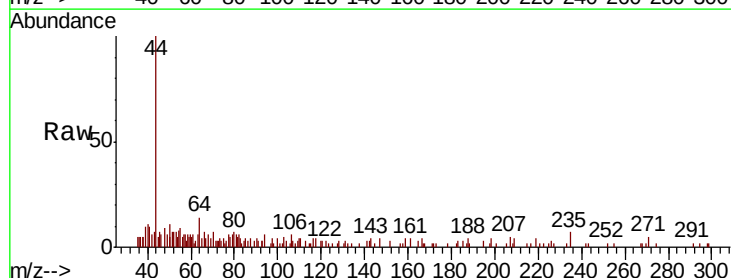
Acq: 14 Dec 2018 21:52

Tgt Ion: 59 Resp: 452

Ion Ratio Lower Upper

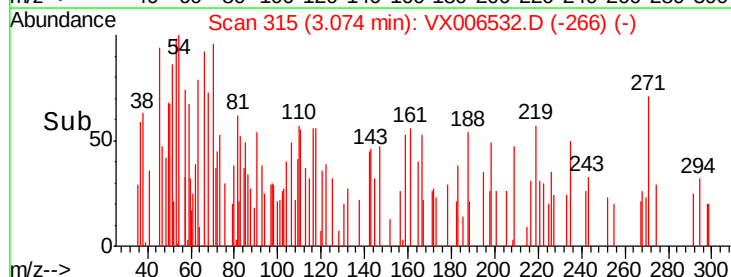
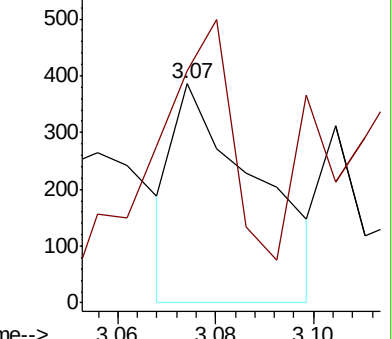
59 100

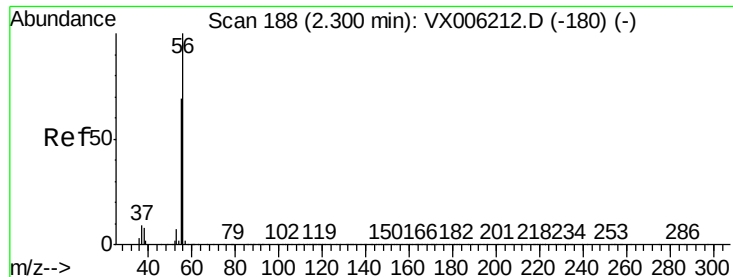
57 137.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.337 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006532.D

Acq: 14 Dec 2018 21:52

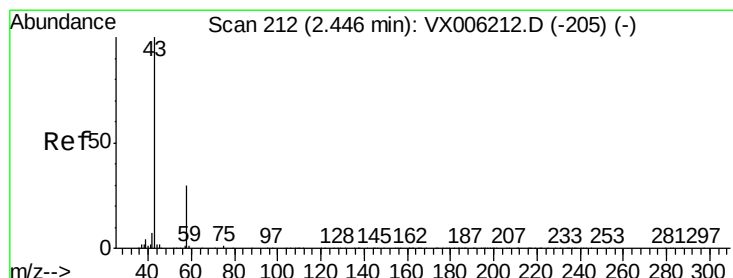
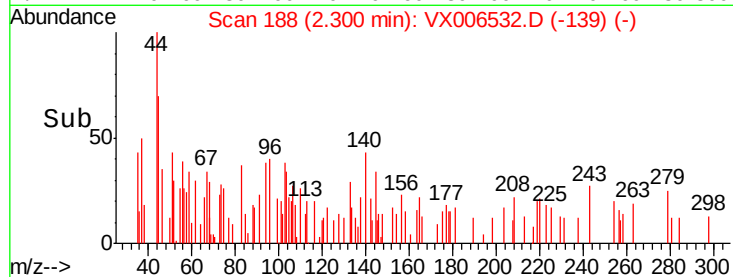
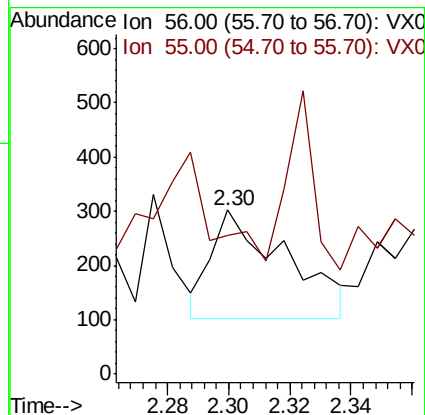
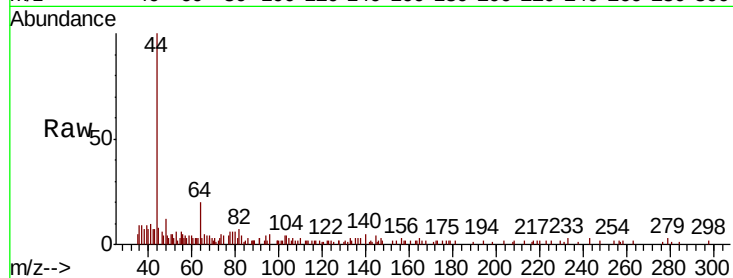
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 337

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 1.340 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006532.D

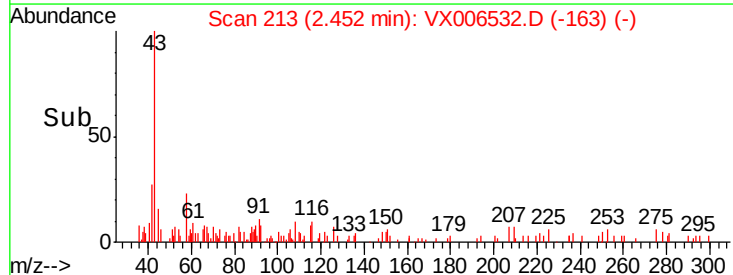
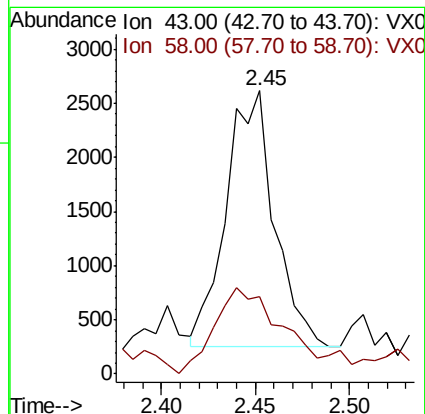
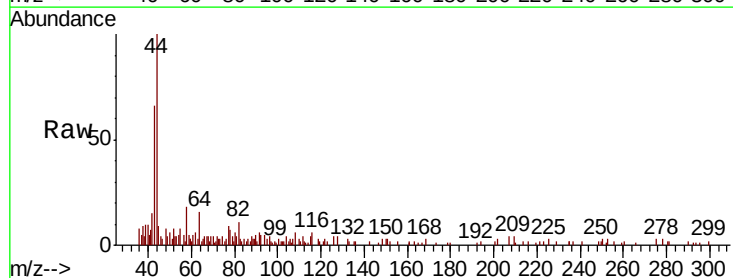
Acq: 14 Dec 2018 21:52

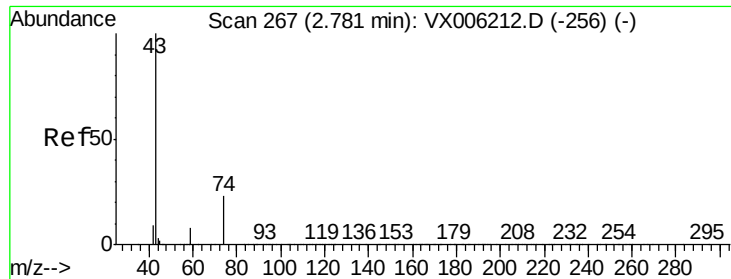
Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

43 100

58 21.7 24.0 36.0#

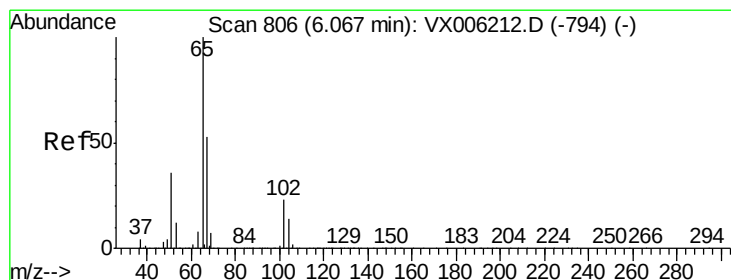
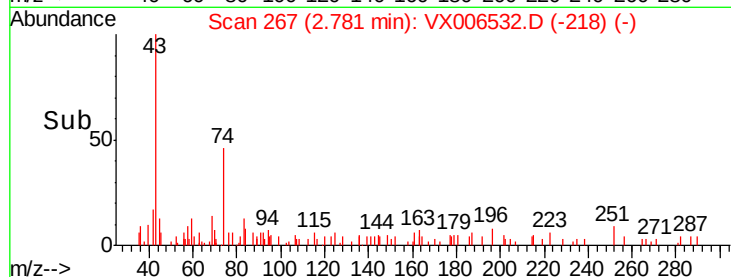
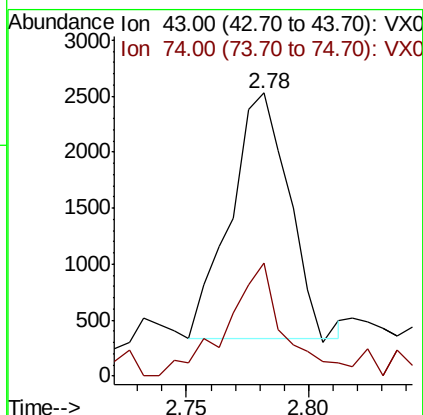
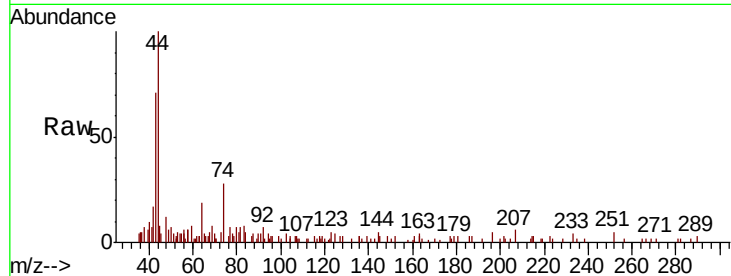




#18
Methyl Acetate
Concen: 0.351 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006532.D
Acq: 14 Dec 2018 21:52

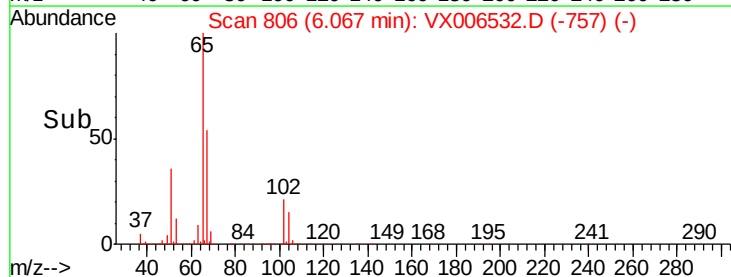
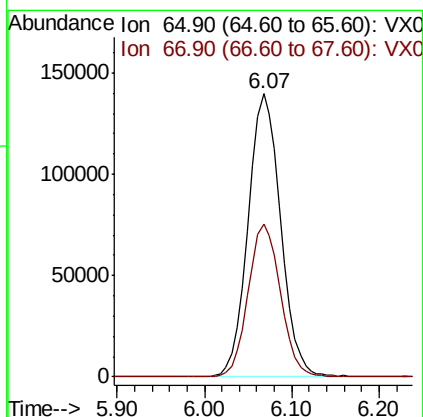
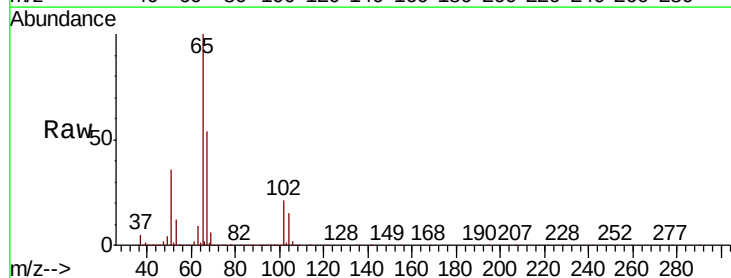
Instrument :
MSVOA_X
ClientSampled :

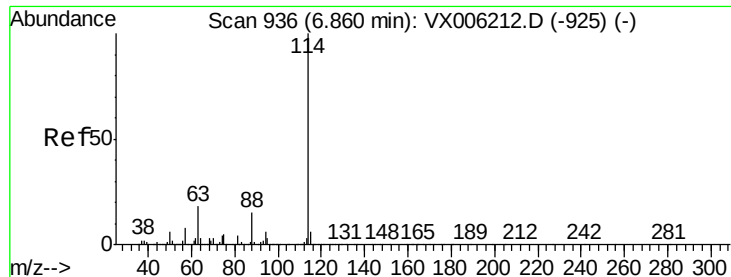
Tot Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
74 44.3 17.9 26.9#



#33
1,2-Dichloroethane-d4
Concen: 53.994 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006532.D
Acq: 14 Dec 2018 21:52

Tgt Ion: 65 Resp: 361511
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: VX006532.D

Acq: 14 Dec 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

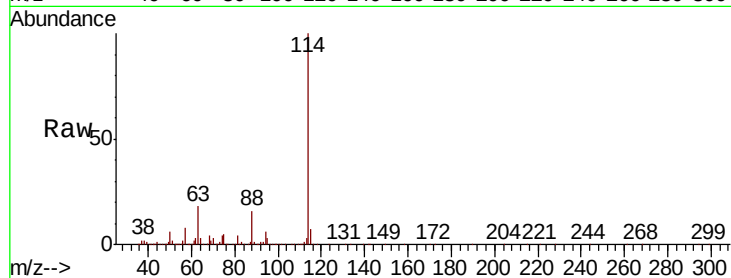
Tot Ion:114 Resp: 1048379

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

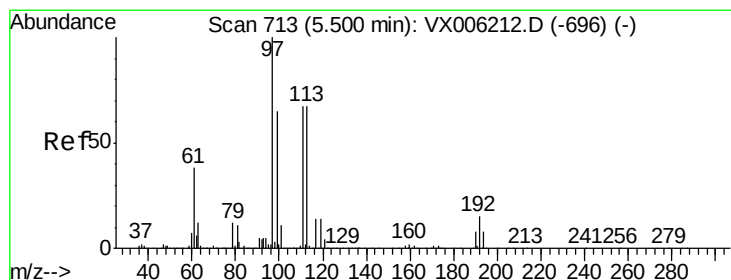
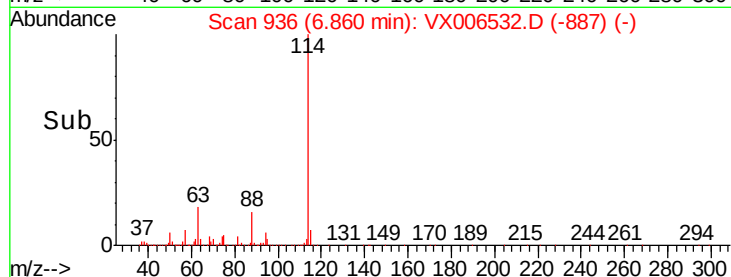
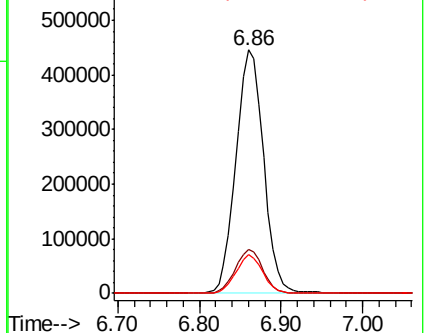
88 15.7 0.0 29.0



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: 46.070 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006532.D

Acq: 14 Dec 2018 21:52

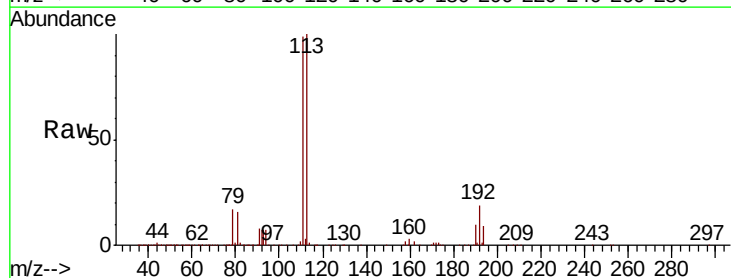
Tgt Ion:113 Resp: 312719

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

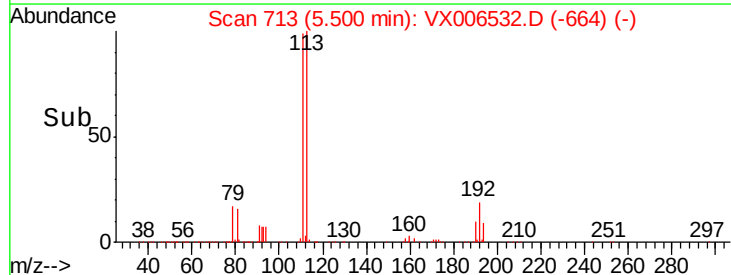
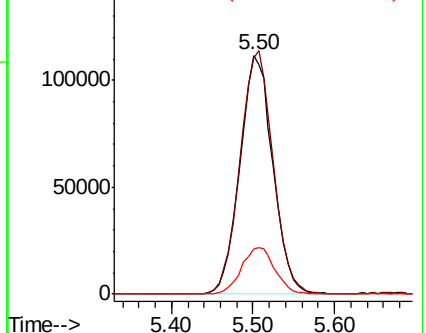
192 20.0 18.2 27.2

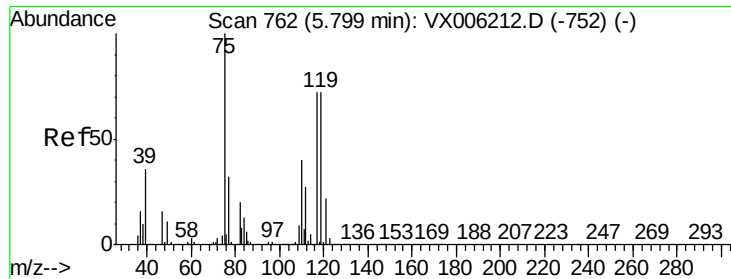


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.099 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006532.D

Acq: 14 Dec 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

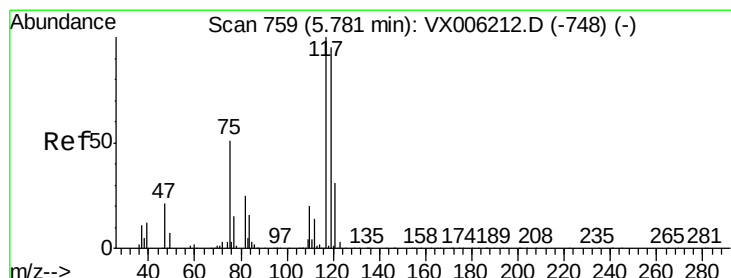
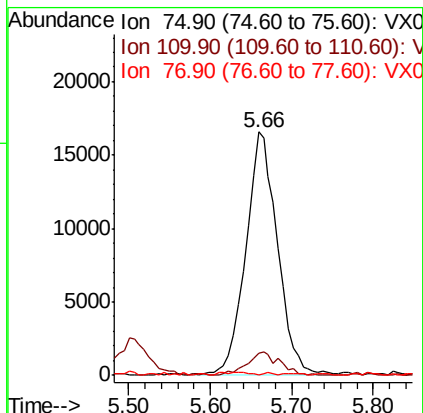
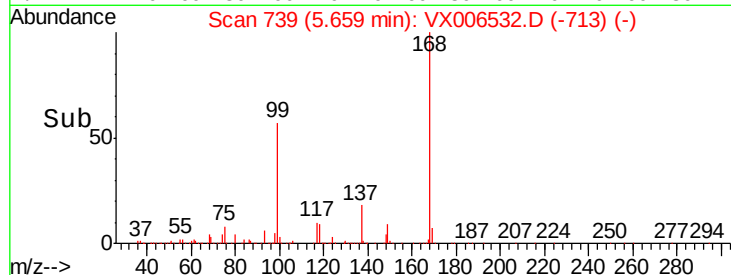
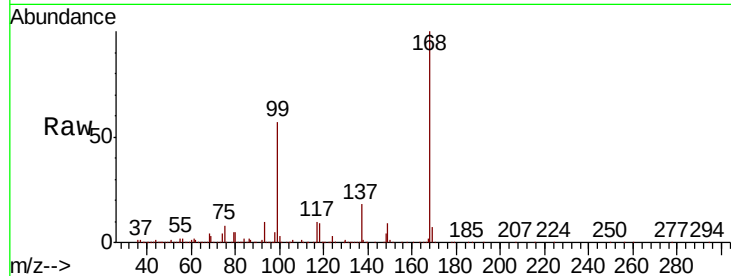
Tot Ion: 75 Resp: 45013

Ion Ratio Lower Upper

75 100

110 9.8 20.4 61.3#

77 0.4 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006532.D

Acq: 14 Dec 2018 21:52

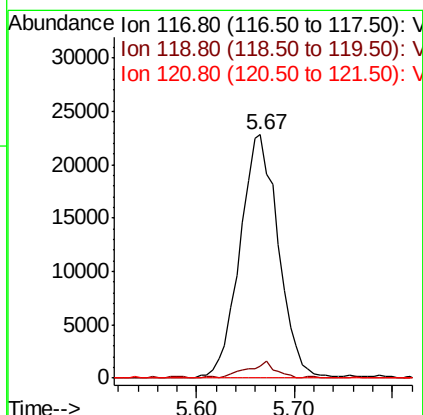
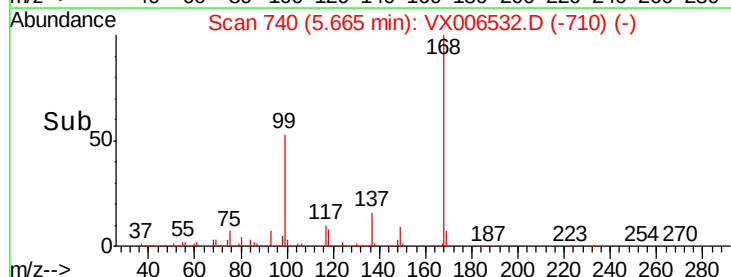
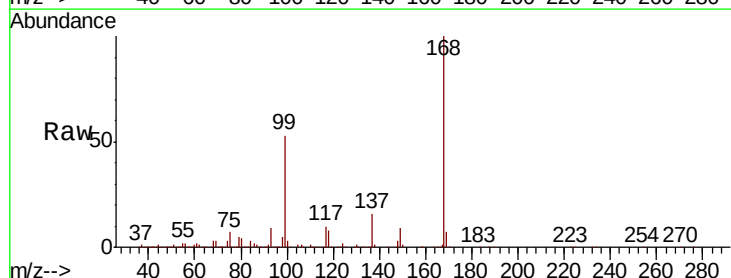
Tgt Ion: 117 Resp: 62188

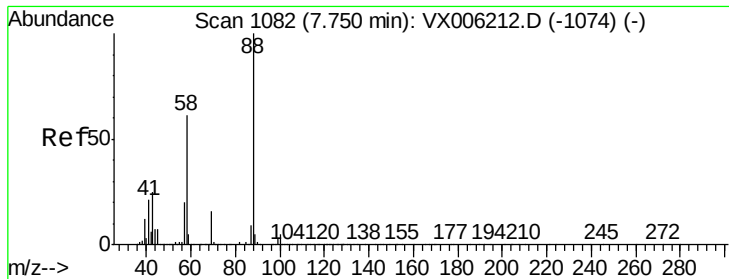
Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.8#

121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.759 ug/l

RT: 7.72 min Scan# 1077

Delta R.T. -0.03 min

Lab File: VX006532.D

Acq: 14 Dec 2018 21:52

Instrument :

MSVOA_X

ClientSampled :

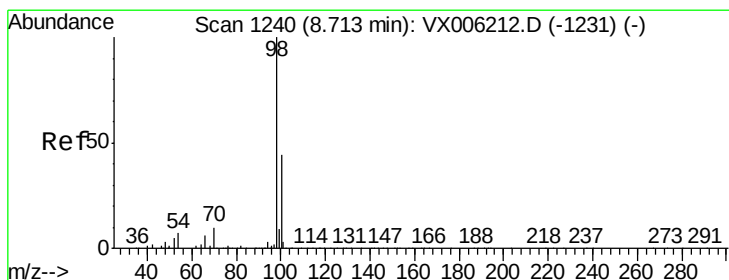
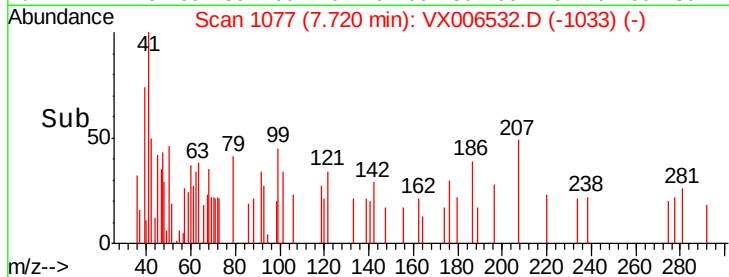
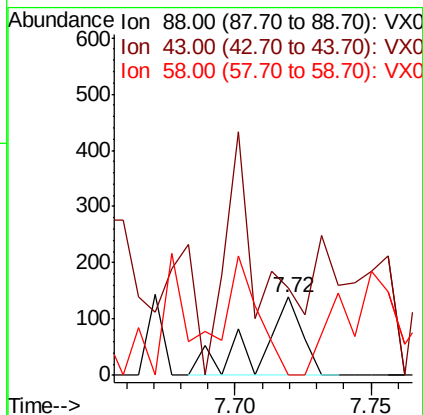
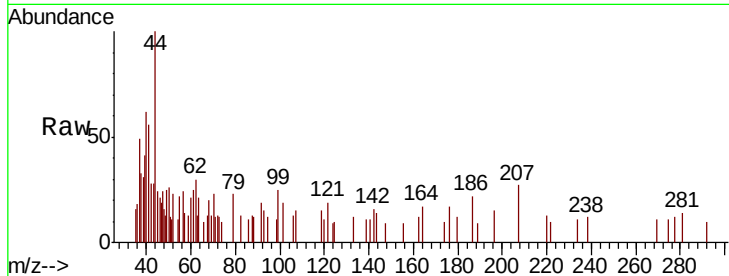
Tot Ion: 88 Resp: 150

Ion Ratio Lower Upper

88 100

43 236.7 23.2 34.8#

58 0.0 51.4 77.0#



#50

Toluene-d8

Concen: 50.767 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006532.D

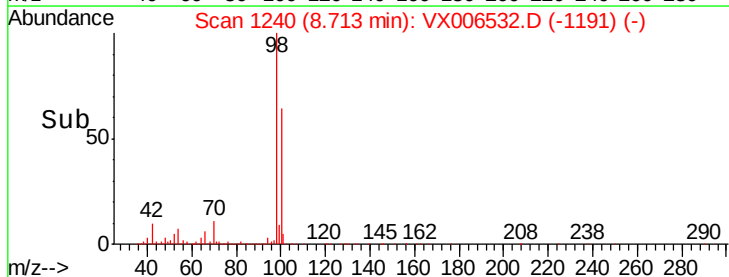
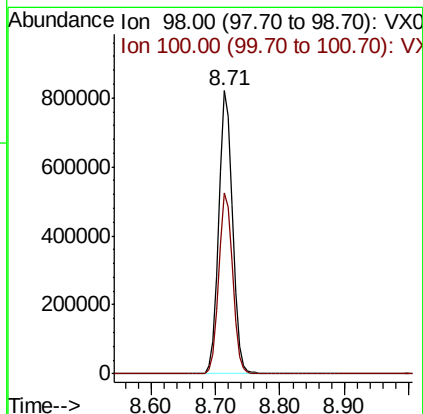
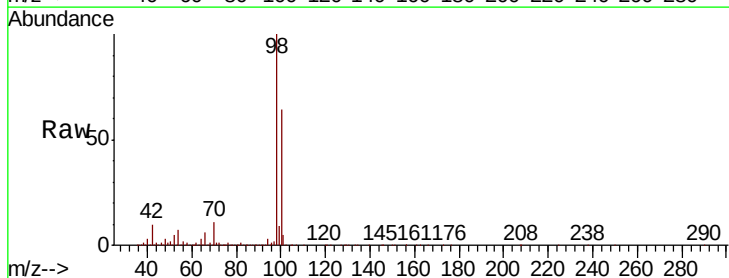
Acq: 14 Dec 2018 21:52

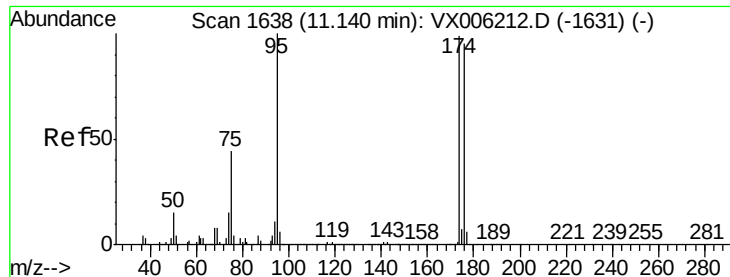
Tgt Ion: 98 Resp: 1253461

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 48.674 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006532.D

Acq: 14 Dec 2018 21:52

Instrument :

MSVOA_X

ClientSampleId :

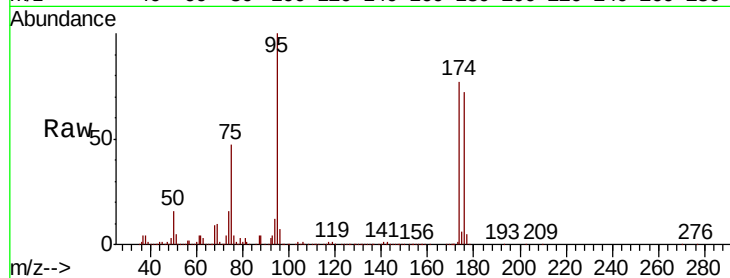
Tot Ion: 95 Resp: 452864

Ion Ratio Lower Upper

95 100

174 84.1 0.0 187.0

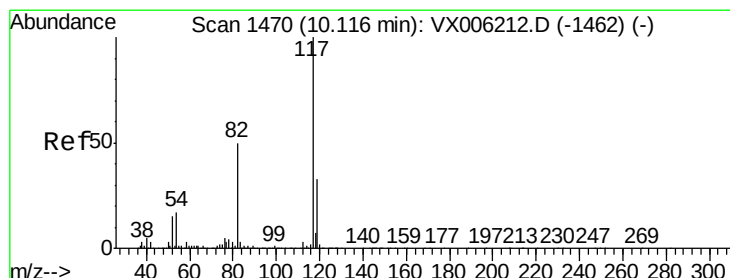
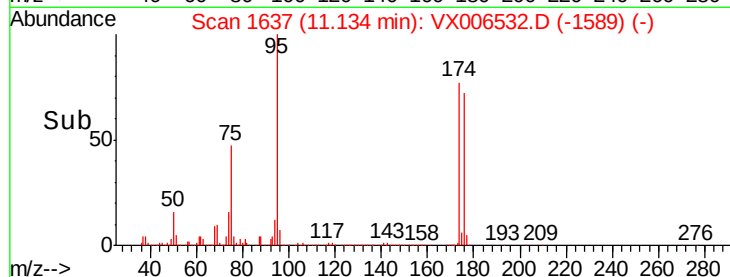
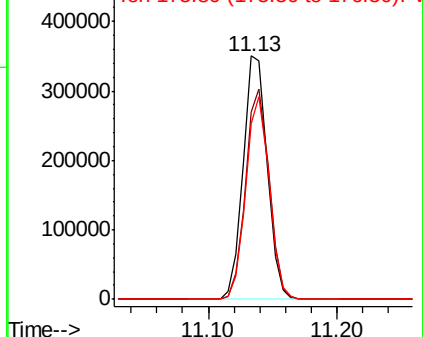
176 80.7 0.0 181.8



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: VX006532.D

Acq: 14 Dec 2018 21:52

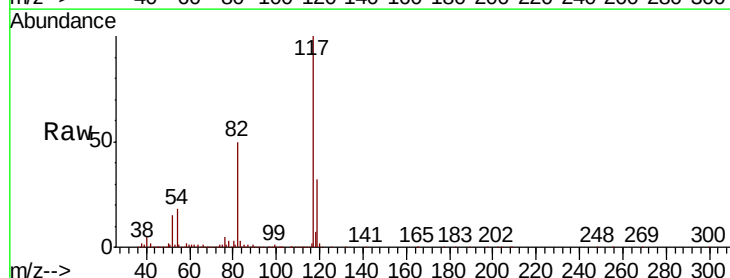
Tgt Ion: 117 Resp: 966744

Ion Ratio Lower Upper

117 100

82 50.4 39.6 59.4

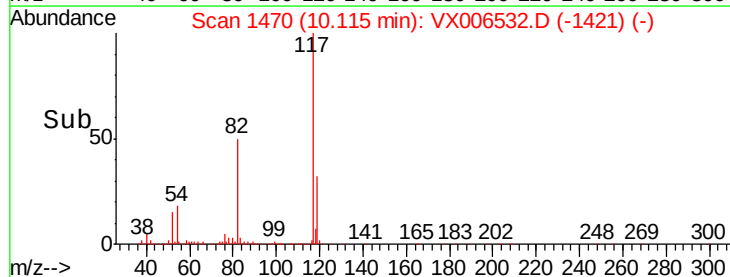
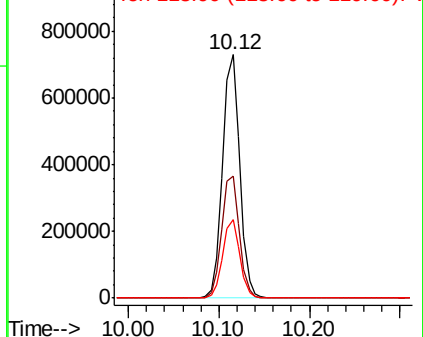
119 32.5 26.3 39.5

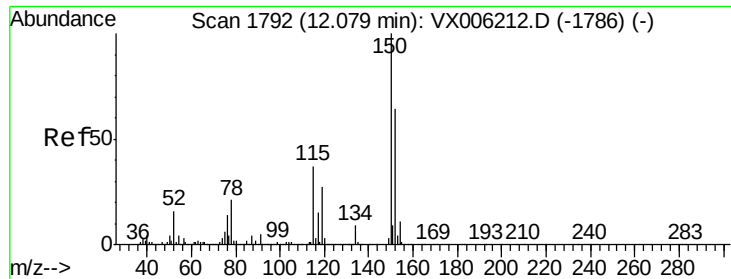


Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

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

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

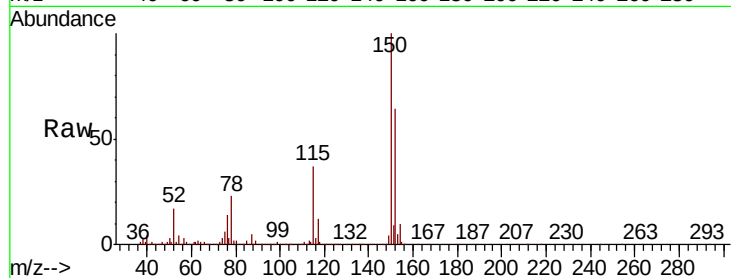




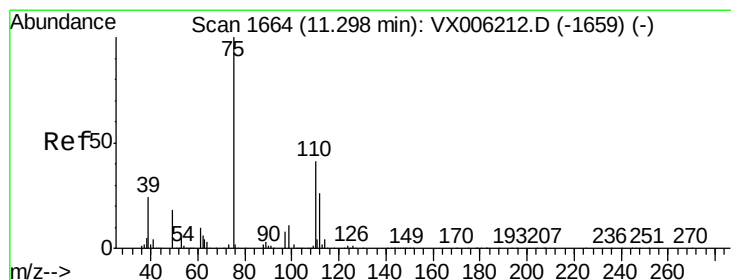
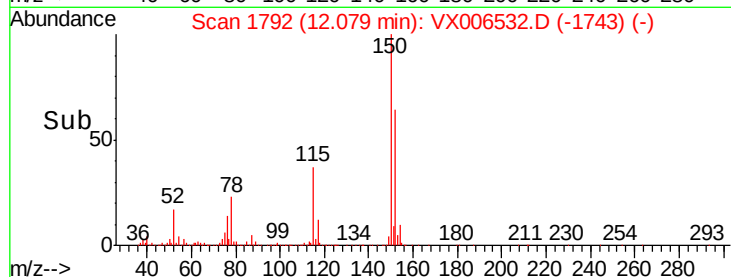
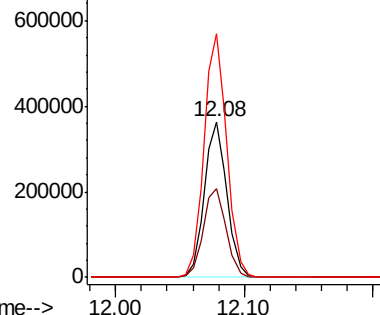
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX006532.D
 Acq: 14 Dec 2018 21:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.0	116.9
150	158.2	0.0	345.8

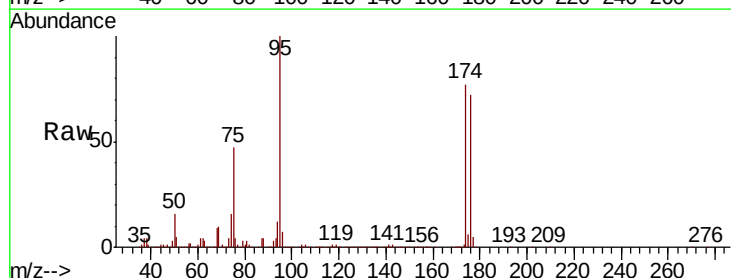


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

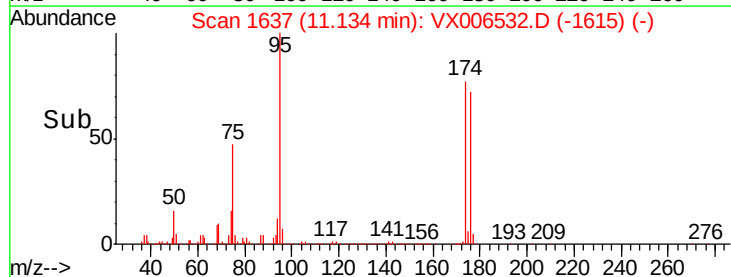
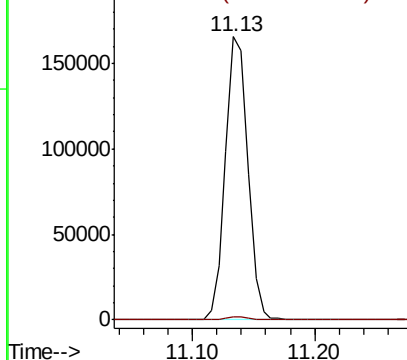


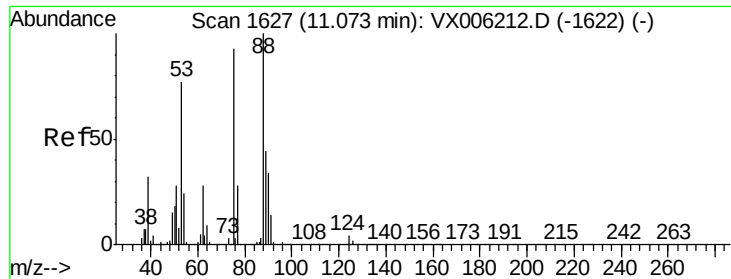
#76
 1,2,3-Trichloropropane
 Concen: 24.754 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006532.D
 Acq: 14 Dec 2018 21:52

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: 58.090 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006532.D
 Acq: 14 Dec 2018 21:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 211726
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.1 44.2 66.4#

