

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006523.D
 Acq On : 14 Dec 2018 17:51
 Operator : JC/MD
 Sample : J6396-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:37:24 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	671530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1085811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	988866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	472242	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	366482	53.46	ug/l	0.00
Spiked Amount			Recovery	=	106.92%	
35) Dibromofluoromethane	5.50	113	317630	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
50) Toluene-d8	8.71	98	1270716	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	468972	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	

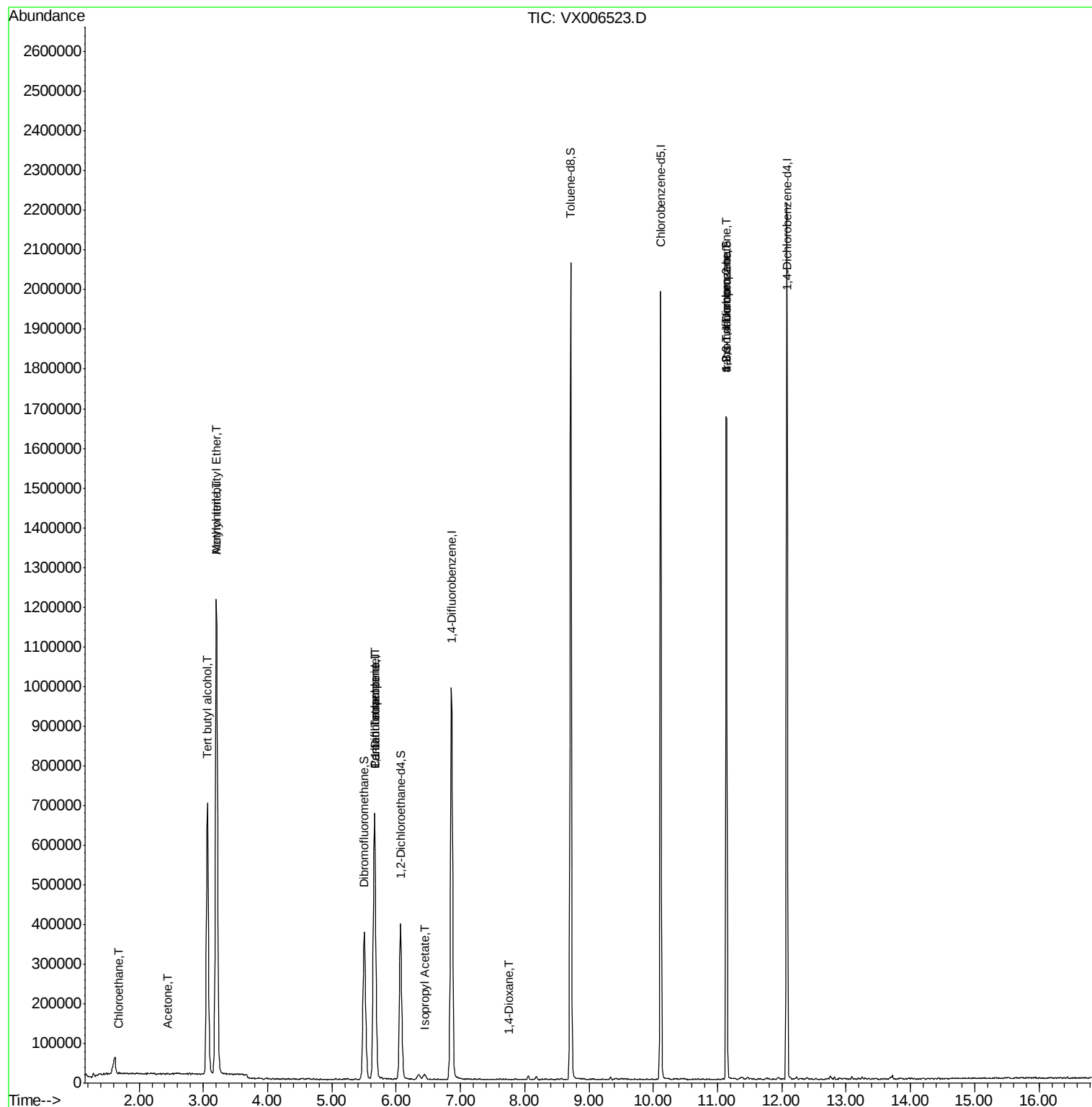
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	1284	0.288	ug/l #	63
11) Tert butyl alcohol	3.06	59	868998	463.526	ug/l	100
15) Acrylonitrile	3.20	53	15176	3.879	ug/l #	30
16) Acetone	2.45	43	2650	0.824	ug/l #	71
19) Methyl tert-butyl Ether	3.20	73	1397750	64.481	ug/l	100
36) 1,1-Dichloropropene	5.66	75	45668	4.995	ug/l #	49
38) Carbon Tetrachloride	5.67	117	63317	5.886	ug/l #	15
43) Isopropyl Acetate	6.45	43	4488	0.263	ug/l #	1
49) 1,4-Dioxane	7.74	88	50	0.244	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	216862	23.792	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	216862	55.832	ug/l #	15

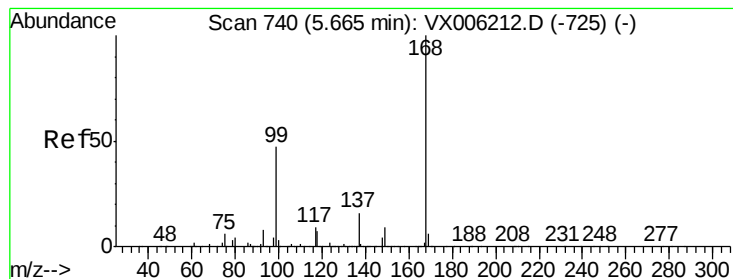
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

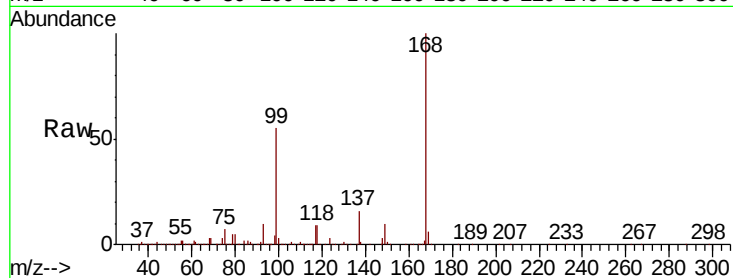
ClientSampled :

Tot Ion:168 Resp: 671530

Ion Ratio Lower Upper

168 100

99 55.2 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

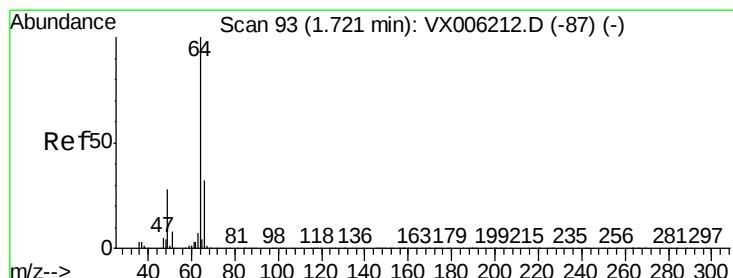
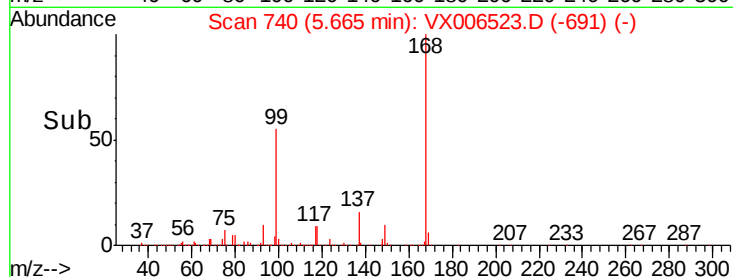
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.288 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX006523.D

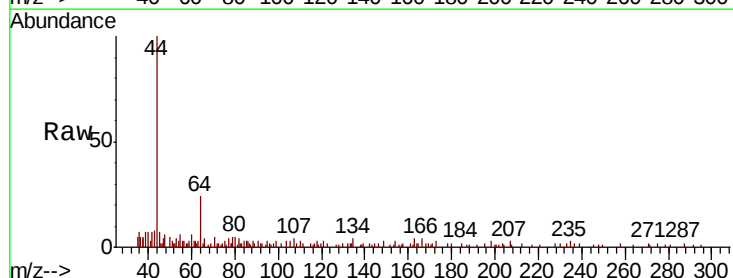
Acq: 14 Dec 2018 17:51

Tgt Ion: 64 Resp: 1284

Ion Ratio Lower Upper

64 100

66 11.7 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

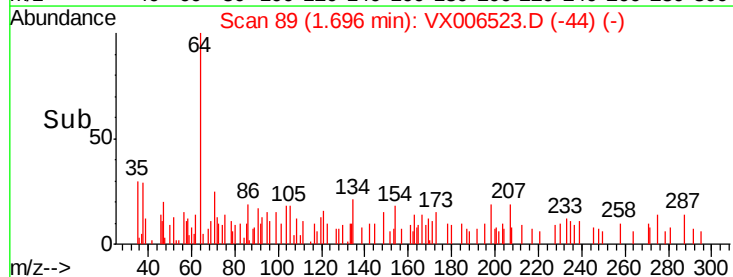
1.70

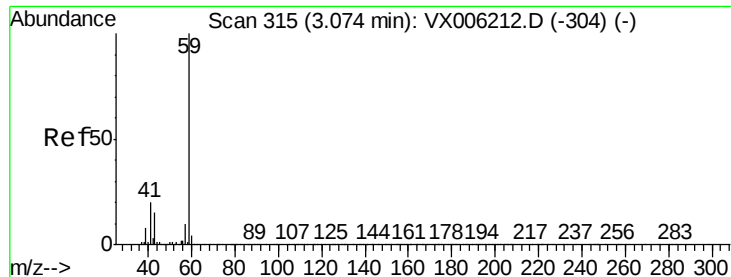
1000

500

0

Time-->

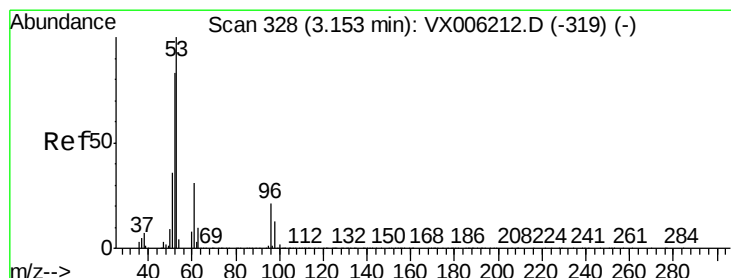
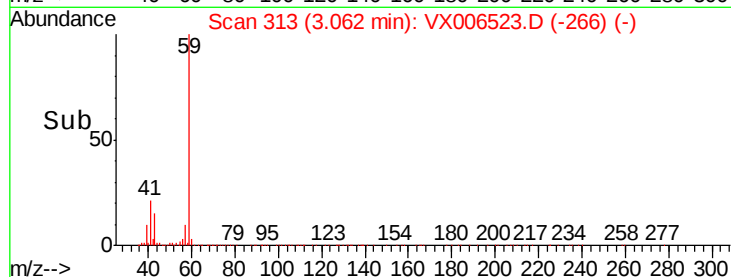
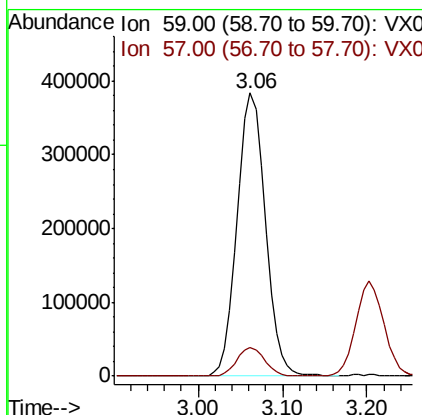
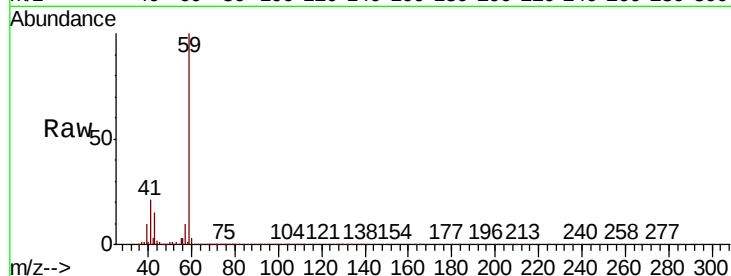




#11
Tert butyl alcohol
Concen: 463.526 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

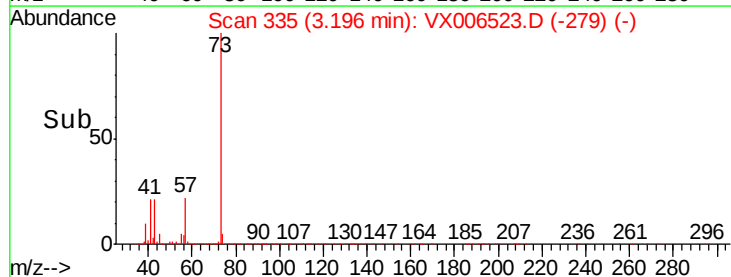
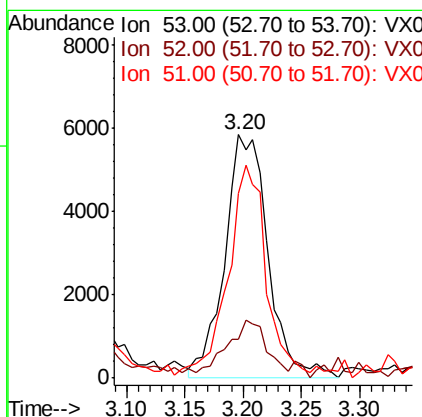
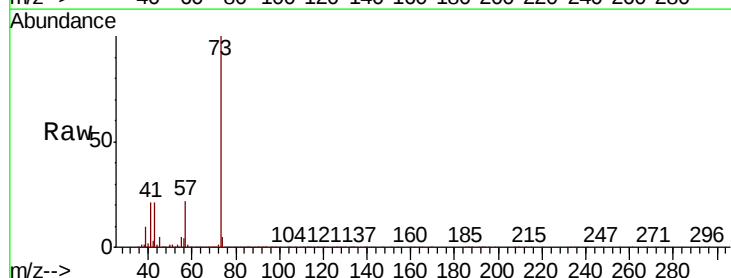
Instrument :
MSVOA_X
ClientSampled :

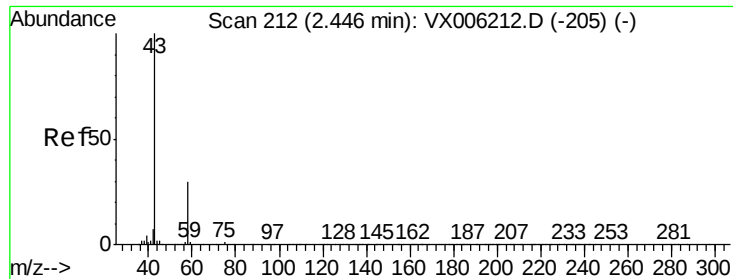
Tot Ion: 59 Resp: 868998
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#15
Acrylonitrile
Concen: 3.879 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.04 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

Tgt Ion: 53 Resp: 15176
Ion Ratio Lower Upper
53 100
52 17.9 66.2 99.4#
51 74.2 28.7 43.1#

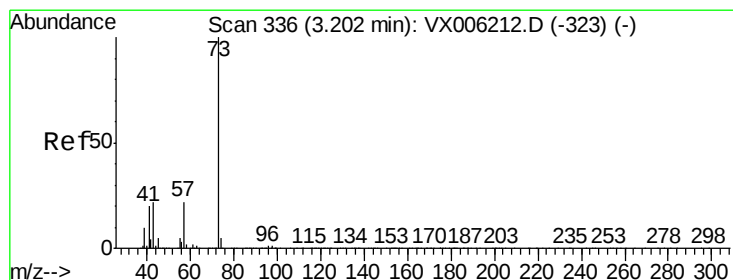
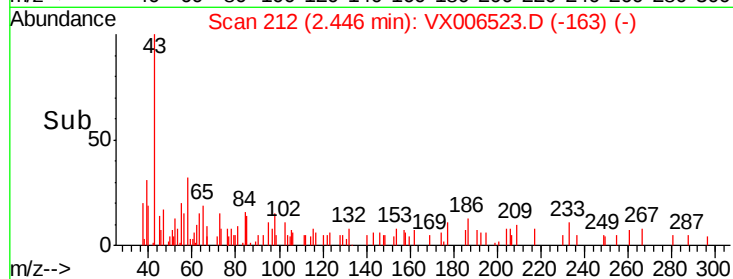
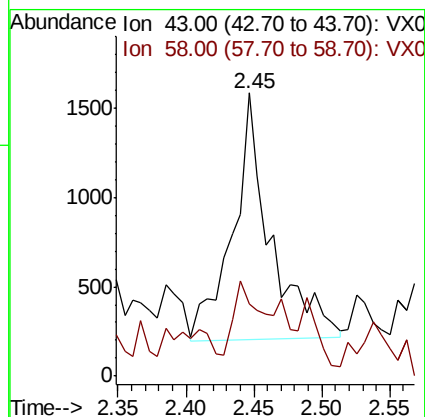
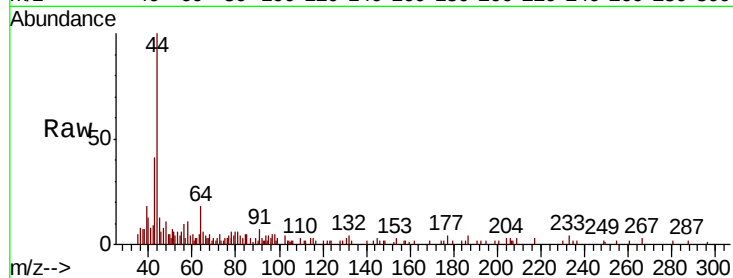




#16
Acetone
Concen: 0.824 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

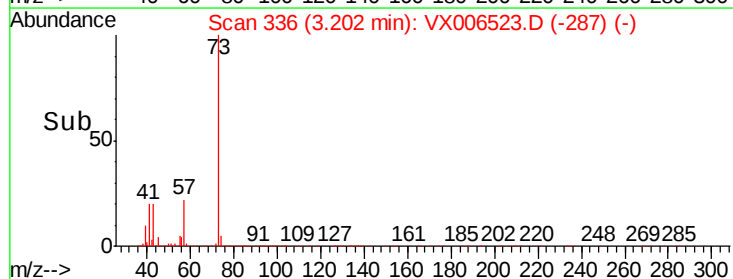
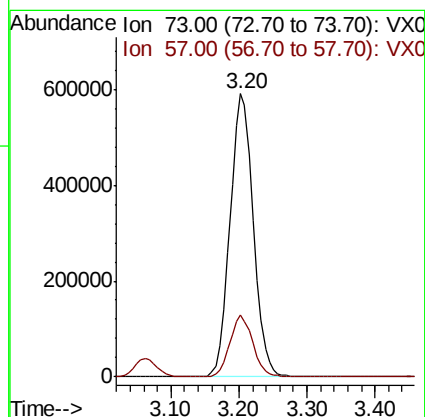
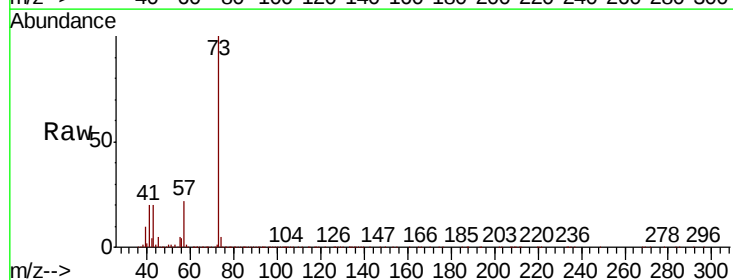
Instrument :
MSVOA_X
ClientSampleId :

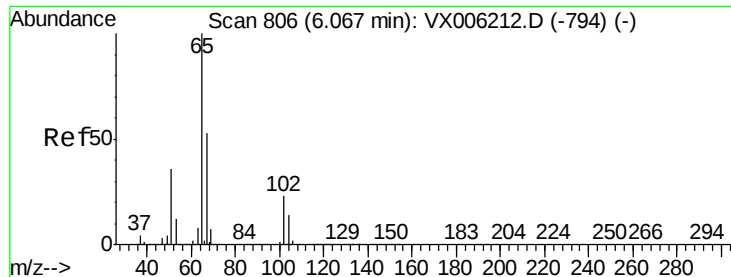
Tot Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
58 14.3 24.0 36.0#



#19
Methyl tert-butyl Ether
Concen: 64.481 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

Tgt Ion: 73 Resp: 1397750
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3





#33

1,2-Dichloroethane-d4

Concen: 53.460 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

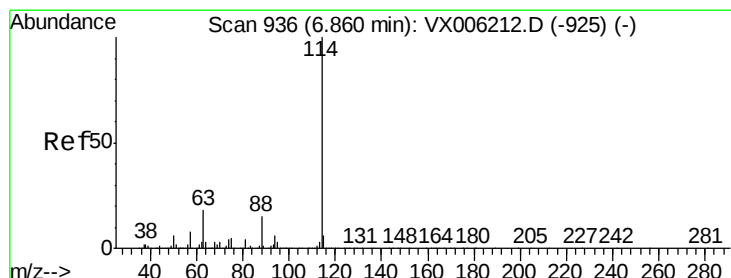
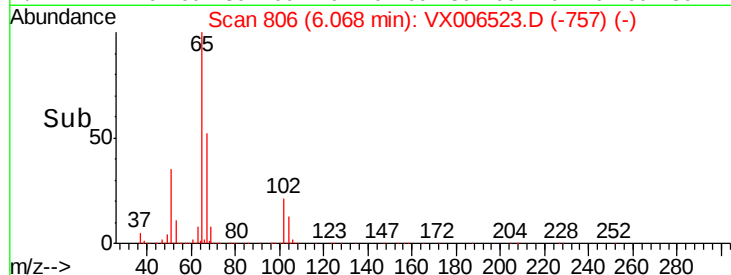
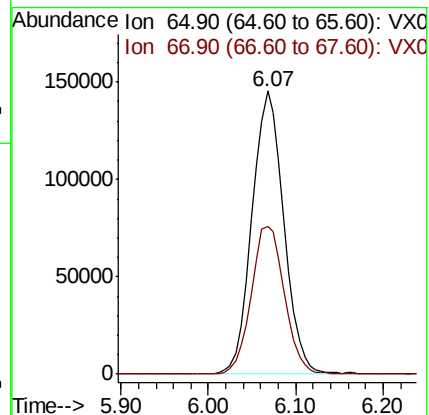
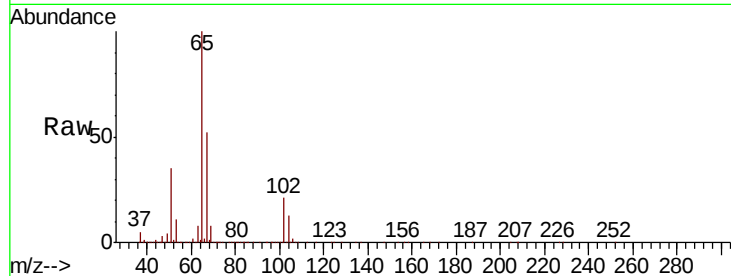
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 366482

Ion Ratio Lower Upper

65 100

67 54.6 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: VX006523.D

Acq: 14 Dec 2018 17:51

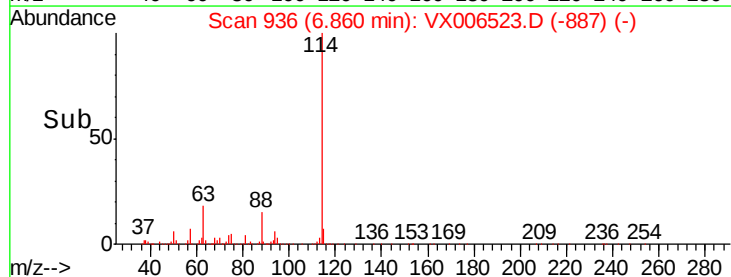
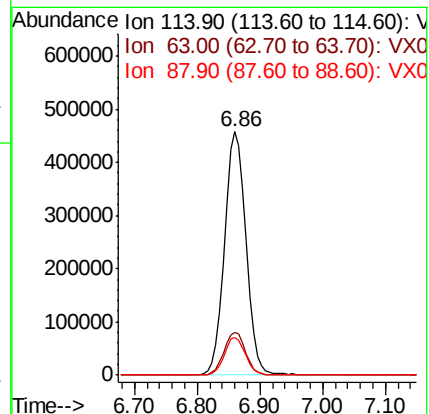
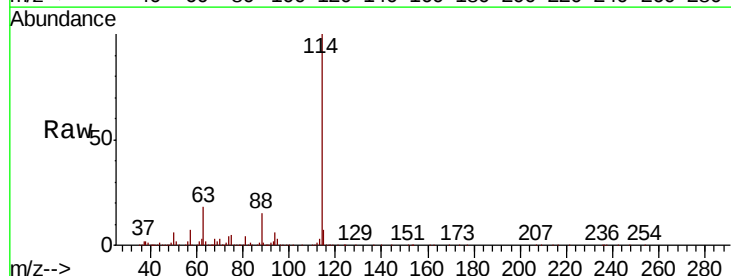
Tgt Ion: 114 Resp: 1085811

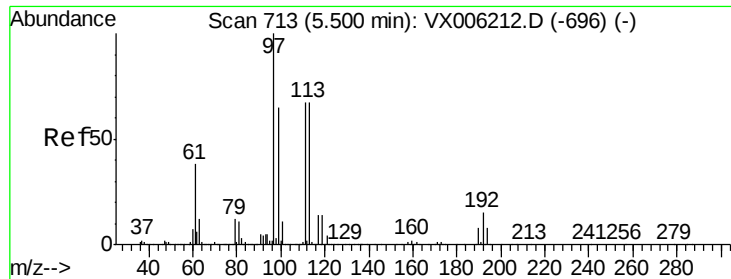
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 15.2 0.0 29.0

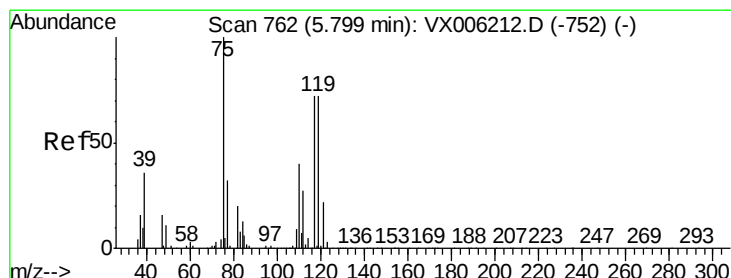
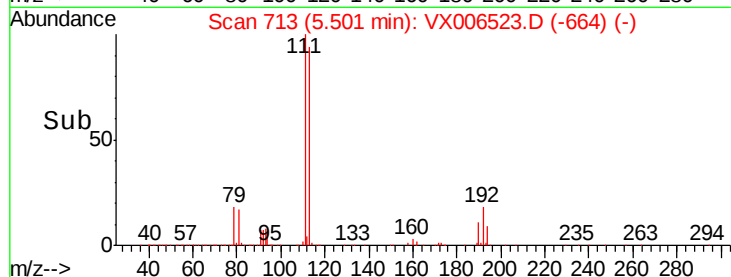
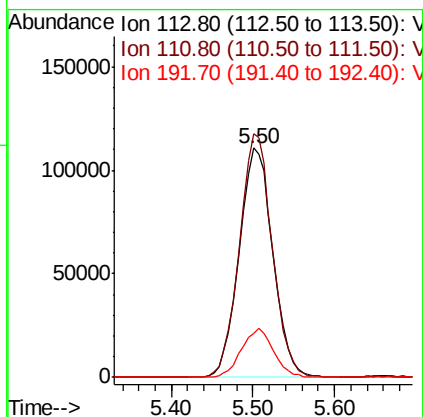
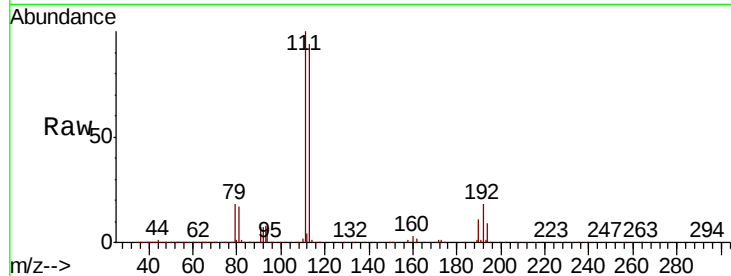




#35
 Dibromofluoromethane
 Concen: 45.181 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006523.D
 Acq: 14 Dec 2018 17:51

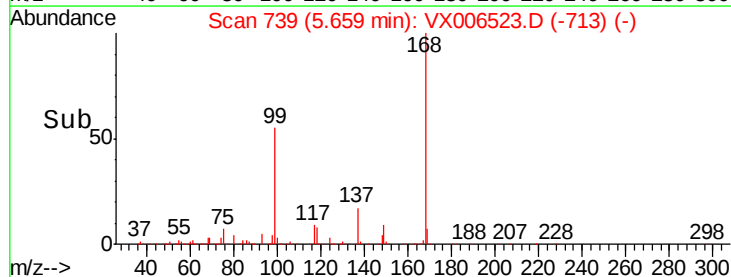
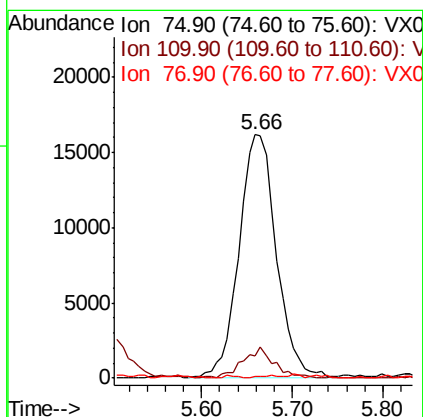
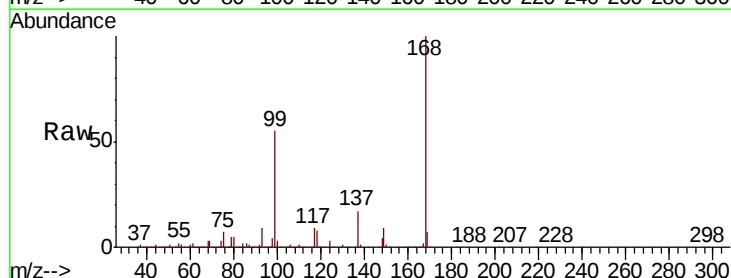
Instrument :
 MSVOA_X
 ClientSampleId :

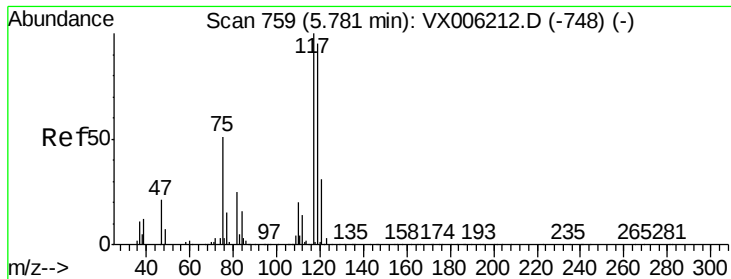
Tot Ion:113 Resp: 317630
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.1 121.7
 192 20.4 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.995 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006523.D
 Acq: 14 Dec 2018 17:51

Tgt Ion: 75 Resp: 45668
 Ion Ratio Lower Upper
 75 100
 110 10.7 20.4 61.3#
 77 0.5 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.886 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampled :

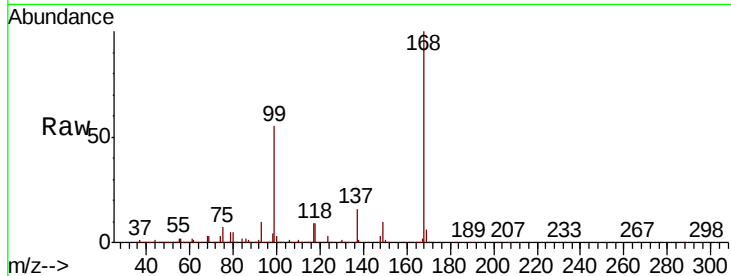
Tot Ion:117 Resp: 63317

Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.8#

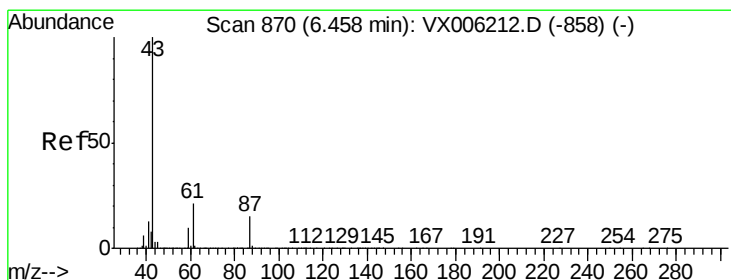
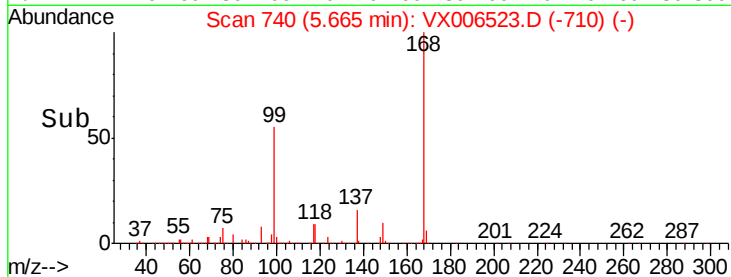
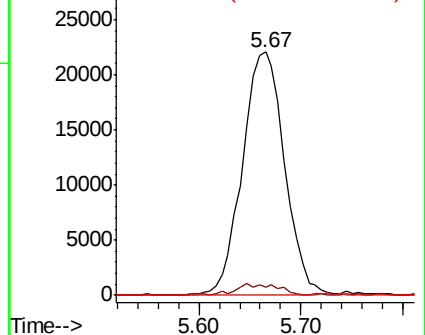
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.263 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

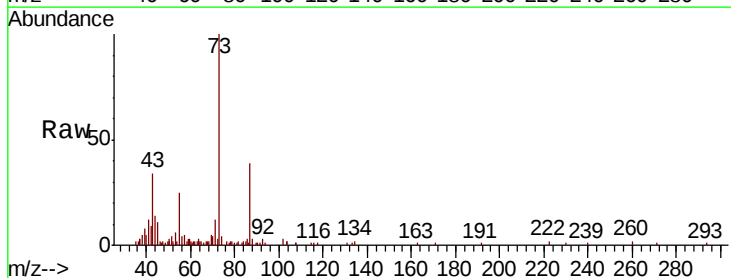
Tgt Ion: 43 Resp: 4488

Ion Ratio Lower Upper

43 100

61 4.8 16.8 25.2#

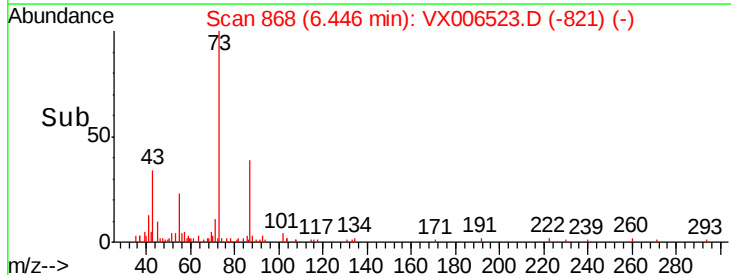
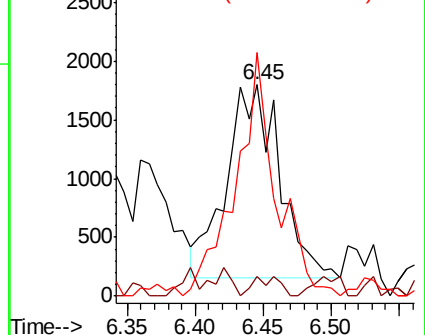
87 95.4 11.9 17.9#

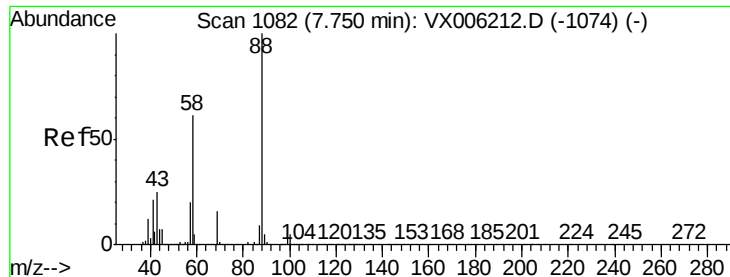


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

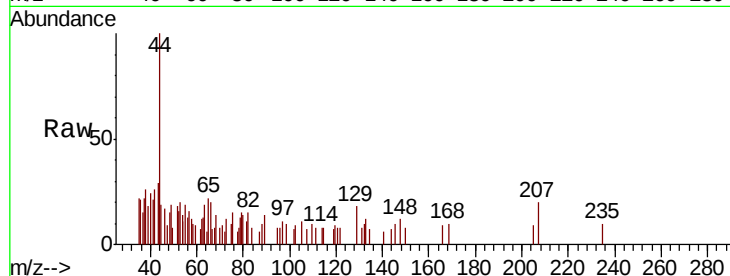




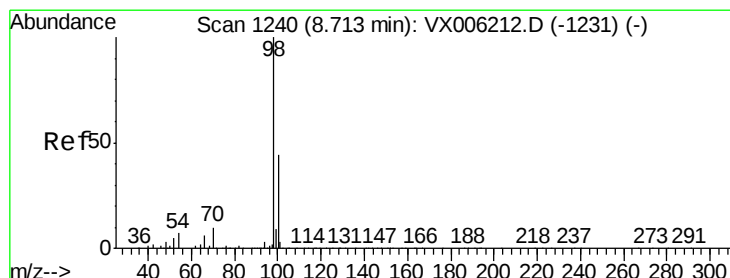
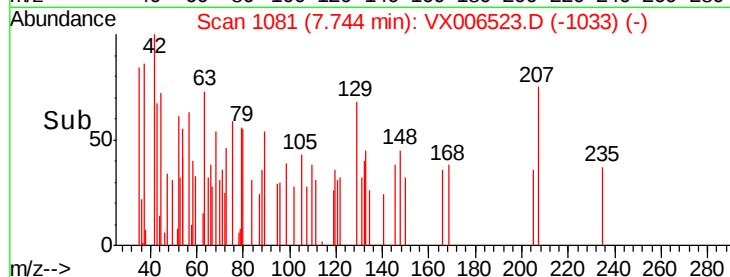
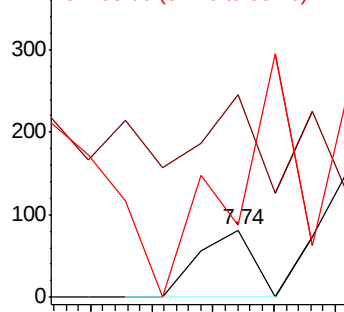
#49
1,4-Dioxane
Concen: 0.244 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 434.0 51.4 77.0#

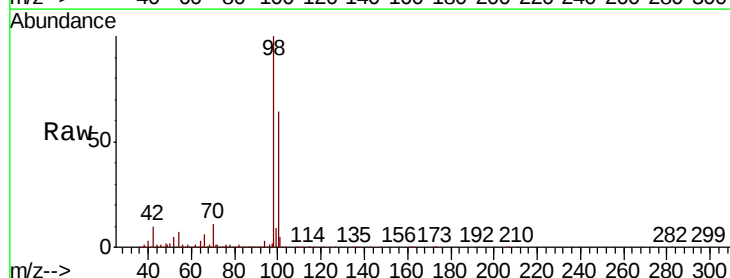


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

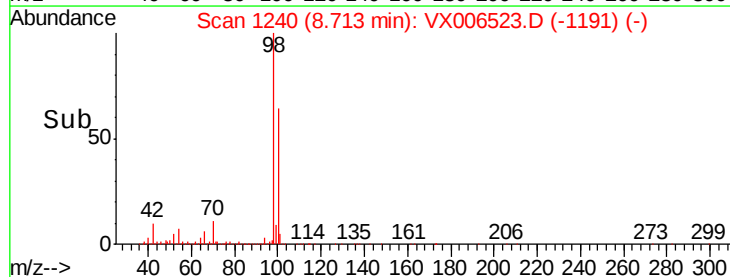
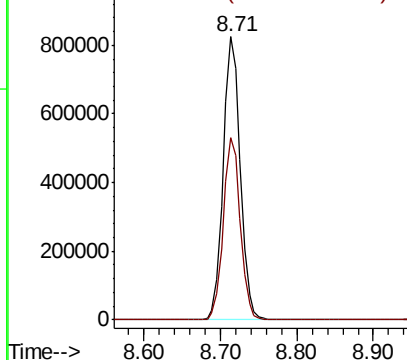


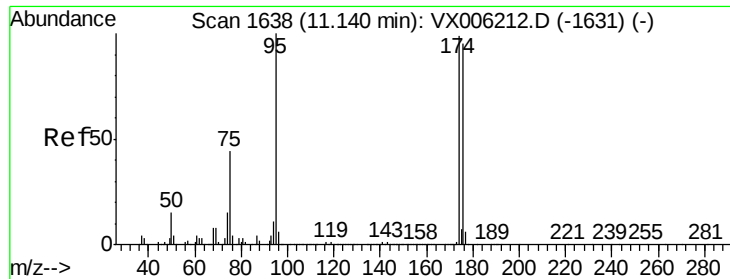
#50
Toluene-d8
Concen: 49.692 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

Tgt Ion: 98 Resp: 1270716
Ion Ratio Lower Upper
98 100
100 64.1 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: 48.668 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampled :

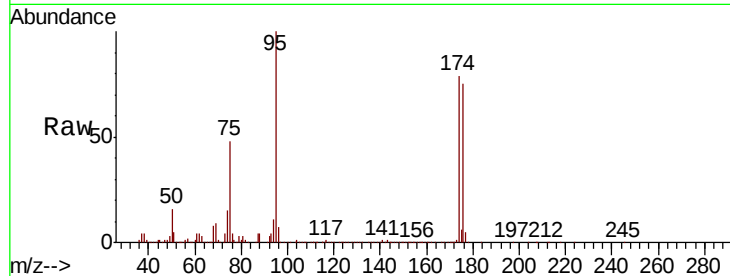
Tot Ion: 95 Resp: 468972

Ion Ratio Lower Upper

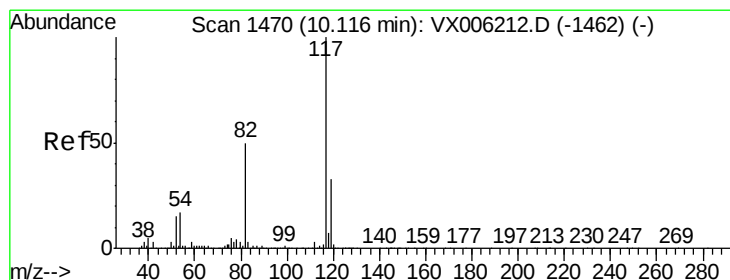
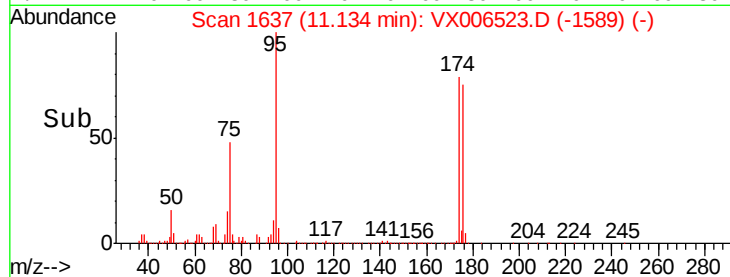
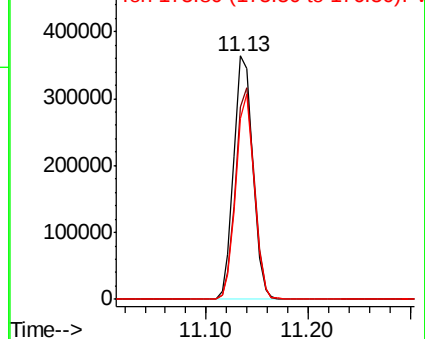
95 100

174 85.2 0.0 187.0

176 81.3 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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

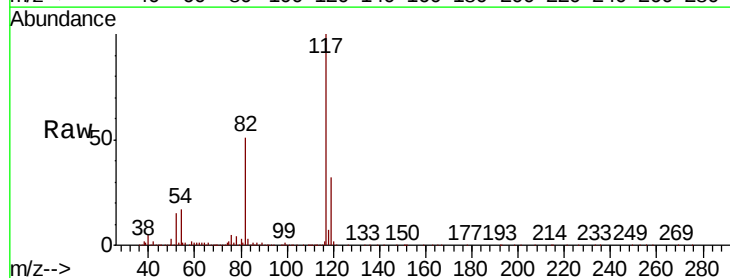
Tgt Ion: 117 Resp: 988866

Ion Ratio Lower Upper

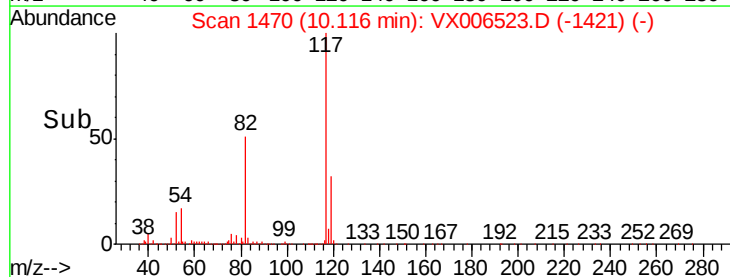
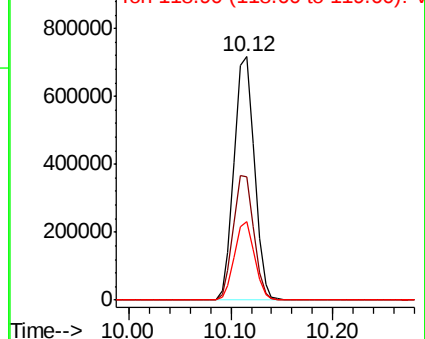
117 100

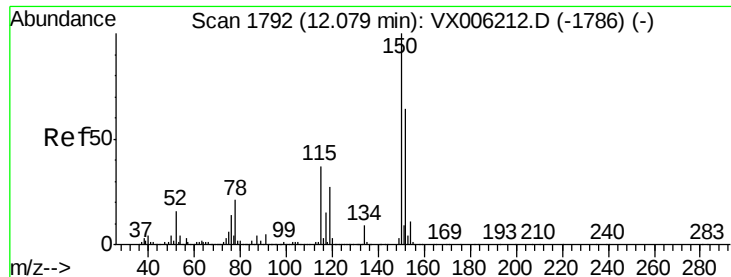
82 50.7 39.6 59.4

119 32.2 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



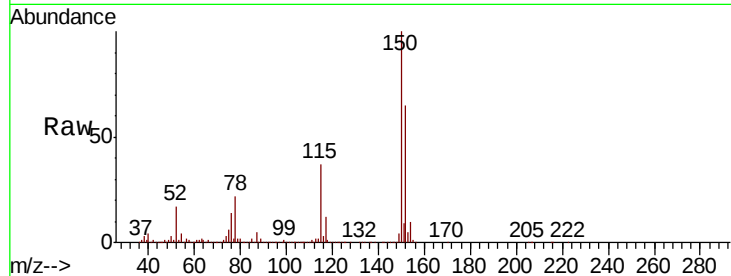


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.0	116.9
150	154.6	0.0	345.8

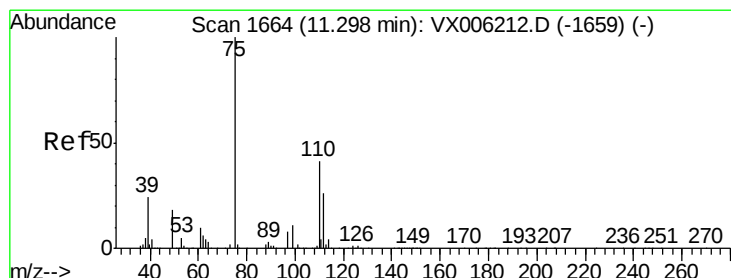
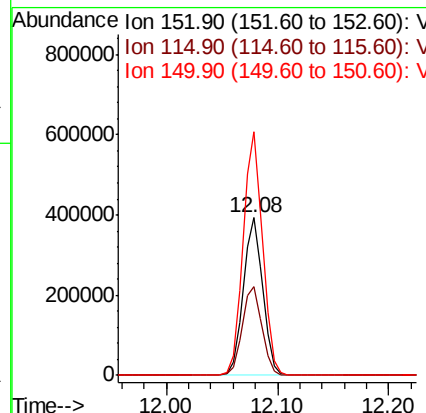
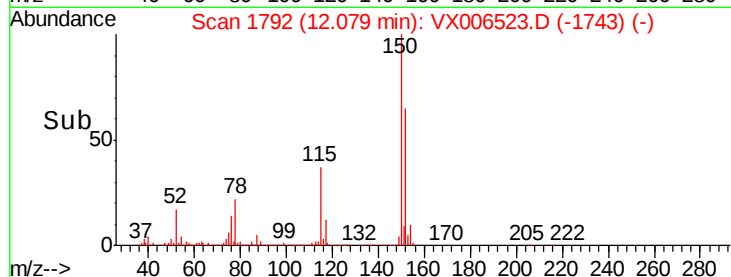


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

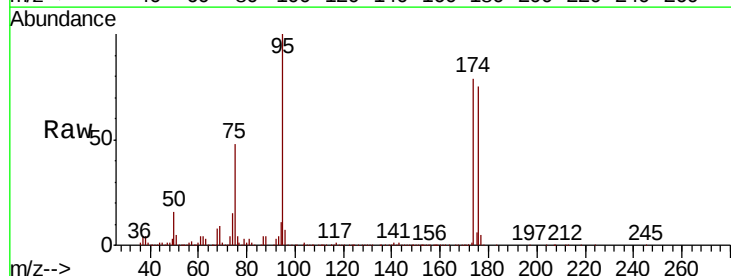
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 23.792 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006523.D
Acq: 14 Dec 2018 17:51

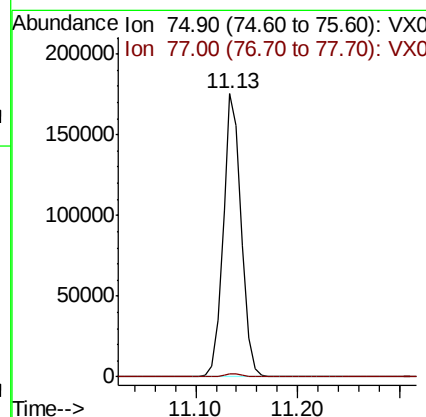
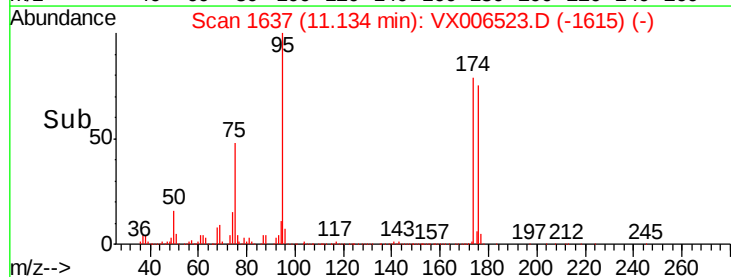
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#

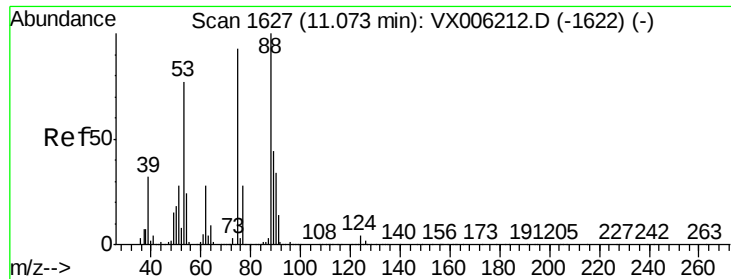


Abundance

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: 55.832 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006523.D

Acq: 14 Dec 2018 17:51

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 216862

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.1 44.2 66.4#

