

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006522.D
 Acq On : 14 Dec 2018 17:25
 Operator : JC/MD
 Sample : J6396-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:37:11 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	669355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1087209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	978181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474189	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	369638	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
35) Dibromofluoromethane	5.50	113	320469	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
50) Toluene-d8	8.71	98	1269530	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	467083	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	

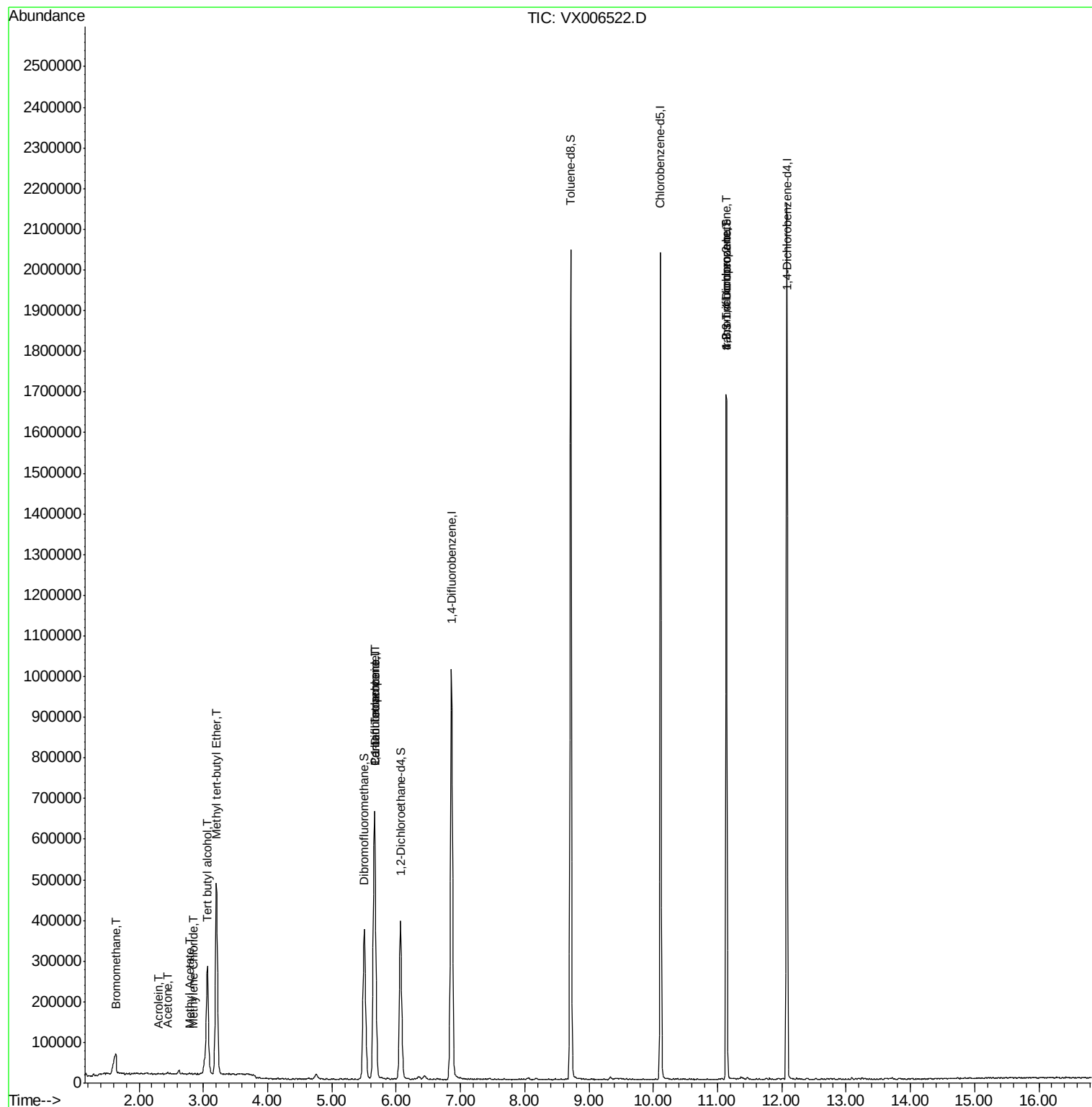
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1011	0.201	ug/l #	62
11) Tert butyl alcohol	3.06	59	355895	190.452	ug/l	99
13) Acrolein	2.29	56	251	0.246	ug/l #	60
16) Acetone	2.45	43	5524	1.723	ug/l	90
18) Methyl Acetate	2.78	43	3158	0.294	ug/l #	76
19) Methyl tert-butyl Ether	3.20	73	548174	25.370	ug/l	98
20) Methylene Chloride	2.85	84	1670	0.245	ug/l #	73
36) 1,1-Dichloropropene	5.67	75	42522	4.644	ug/l #	49
38) Carbon Tetrachloride	5.67	117	64036	5.945	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	214448	23.430	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	214448	54.984	ug/l #	15

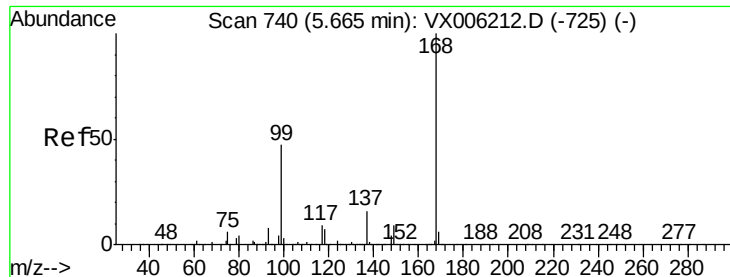
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
Data File : VX006522.D
Acq On : 14 Dec 2018 17:25
Operator : JC/MD
Sample : J6396-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 15 04:37:11 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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :

MSVOA_X

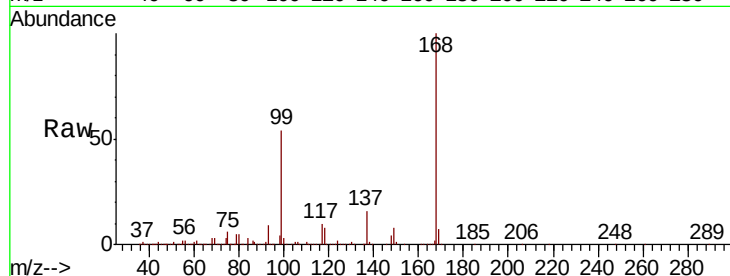
ClientSampleId :

Tot Ion:168 Resp: 669355

Ion Ratio Lower Upper

168 100

99 54.1 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

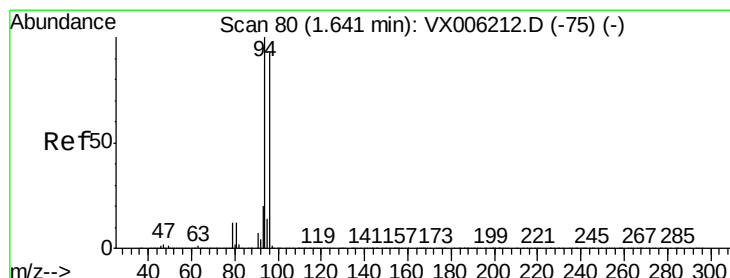
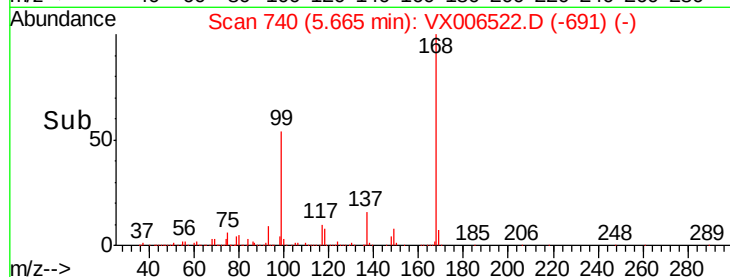
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.201 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006522.D

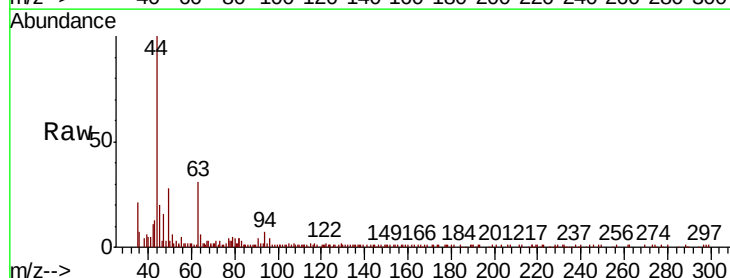
Acq: 14 Dec 2018 17:25

Tgt Ion: 94 Resp: 1011

Ion Ratio Lower Upper

94 100

96 56.8 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1000

800

600

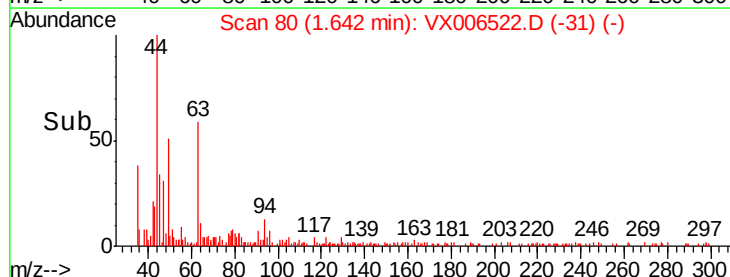
400

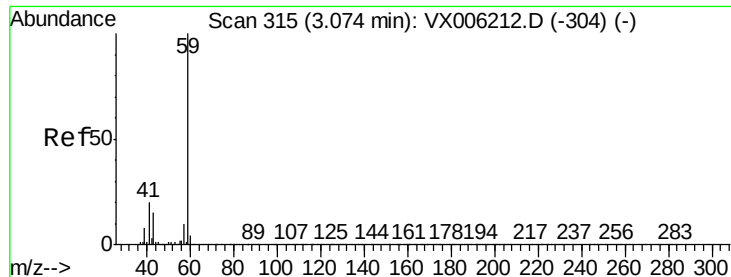
200

0

Time-->

1.60 1.62 1.64 1.66 1.68



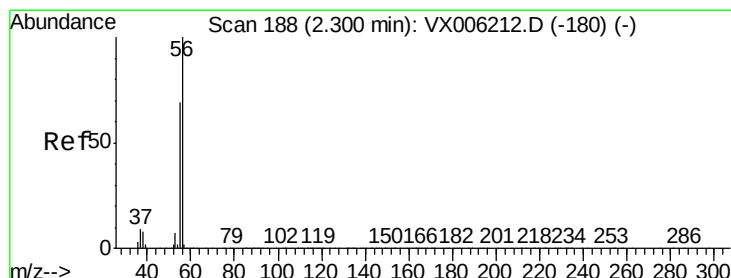
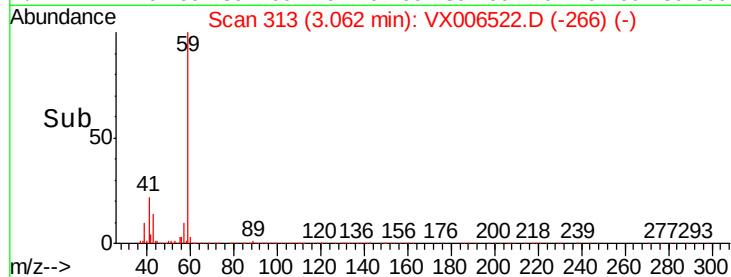
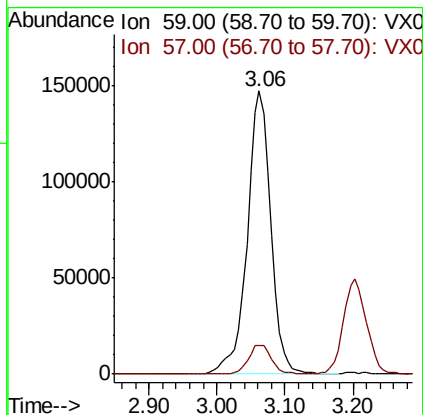
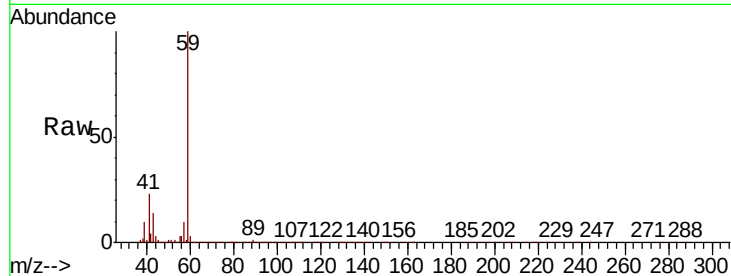


#11

Tert butyl alcohol
Concen: 190.452 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

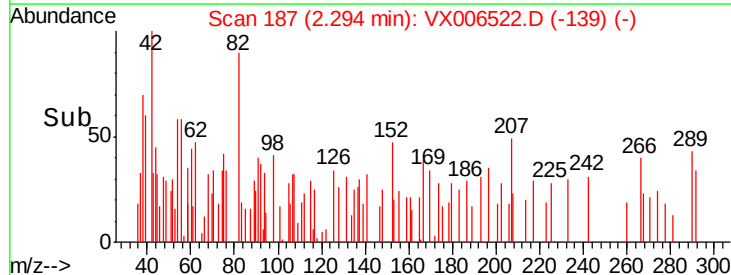
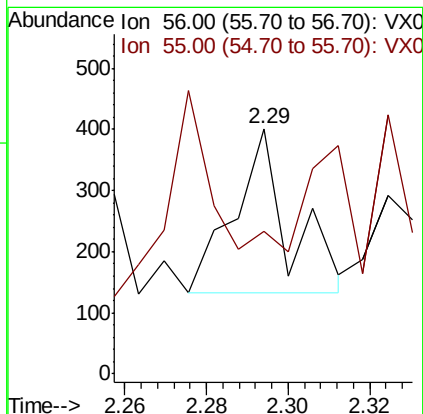
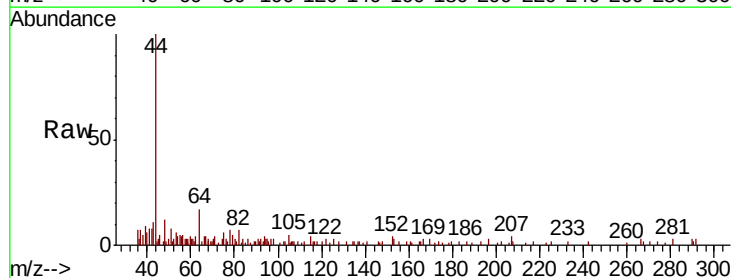
Tot Ion: 59 Resp: 355895
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

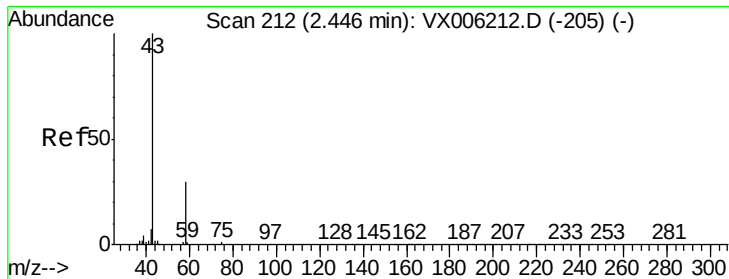


#13

Acrolein
Concen: 0.246 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

Tgt Ion: 56 Resp: 251
Ion Ratio Lower Upper
56 100
55 106.0 57.8 86.6#

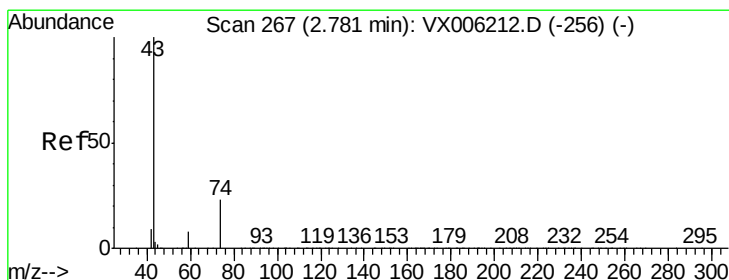
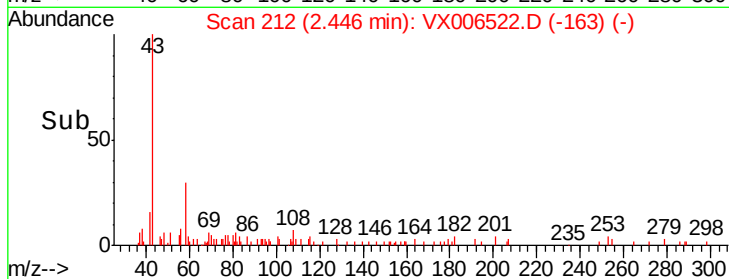
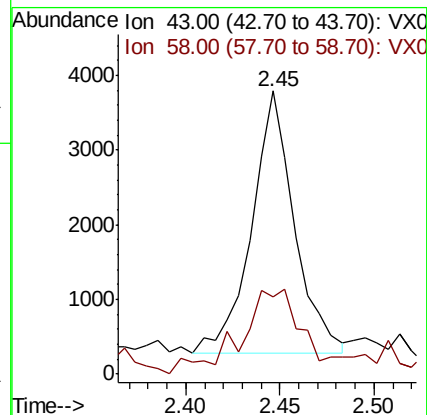
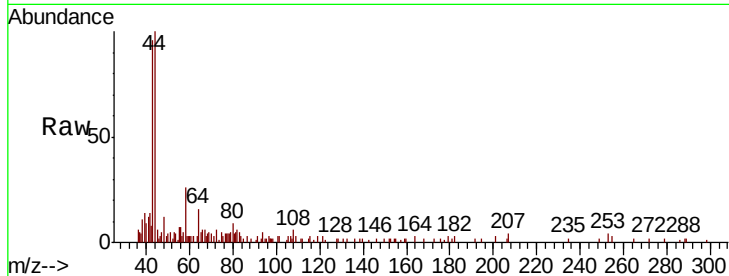




#16
Acetone
Concen: 1.723 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

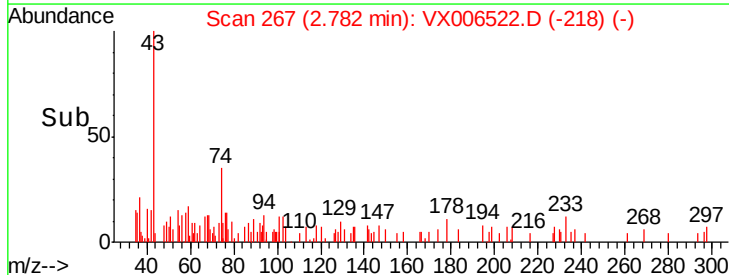
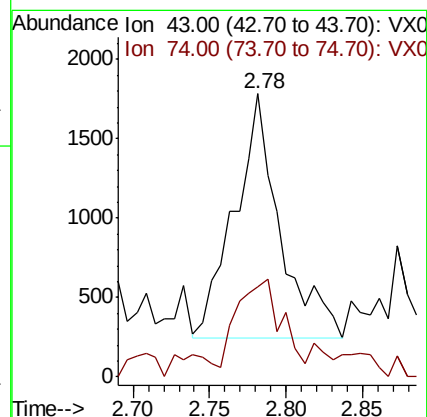
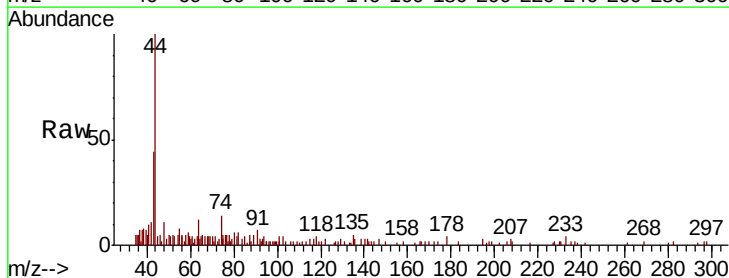
Instrument :
MSVOA_X
ClientSampleId :

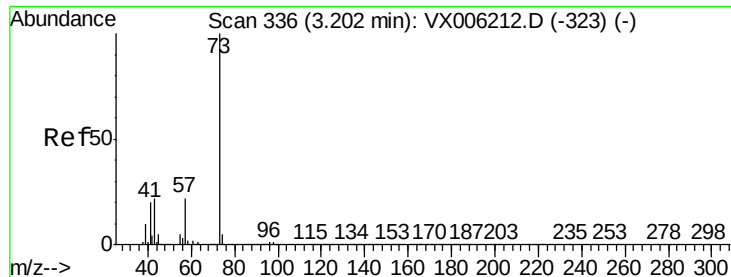
Tot Ion: 43 Resp: 5524
Ion Ratio Lower Upper
43 100
58 24.8 24.0 36.0



#18
Methyl Acetate
Concen: 0.294 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

Tgt Ion: 43 Resp: 3158
Ion Ratio Lower Upper
43 100
74 33.9 17.9 26.9#



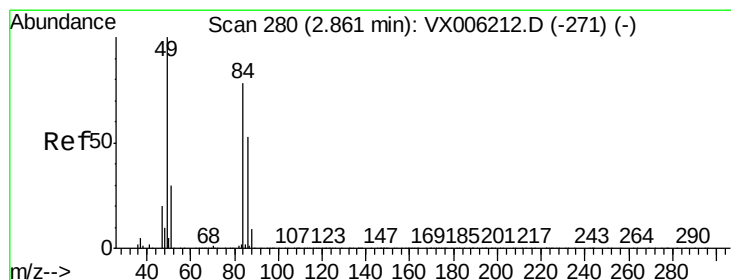
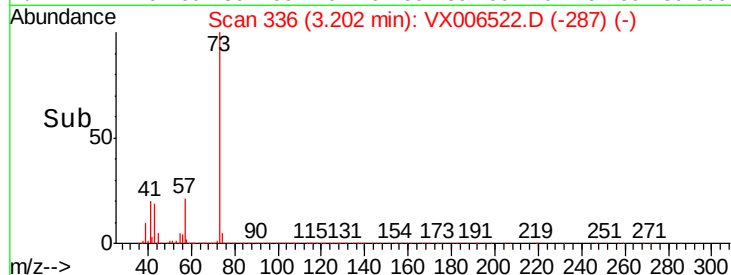
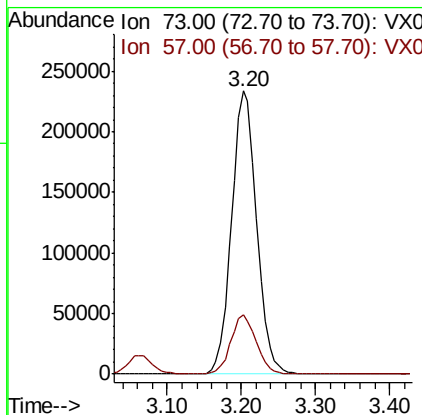
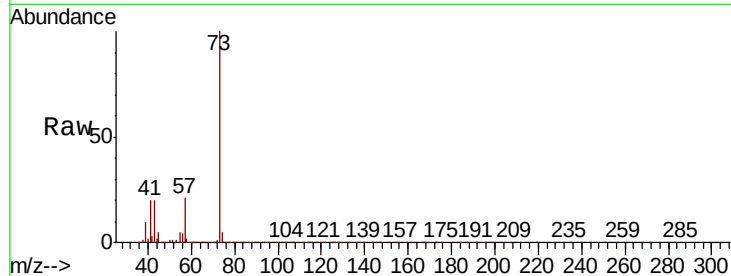


#19

Methyl tert-butyl Ether
 Concen: 25.370 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006522.D
 Acq: 14 Dec 2018 17:25

Instrument :
 MSVOA_X
 ClientSampleId :

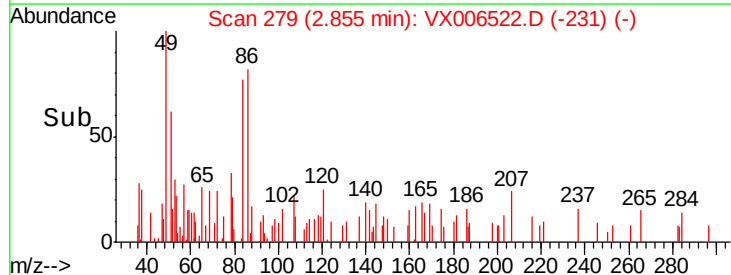
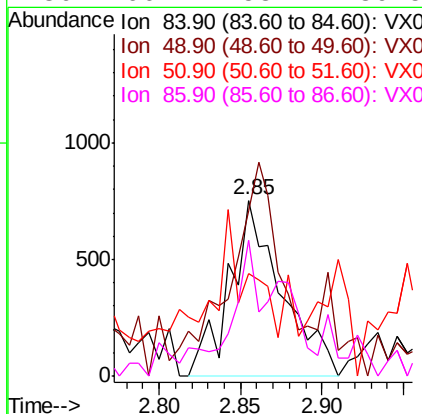
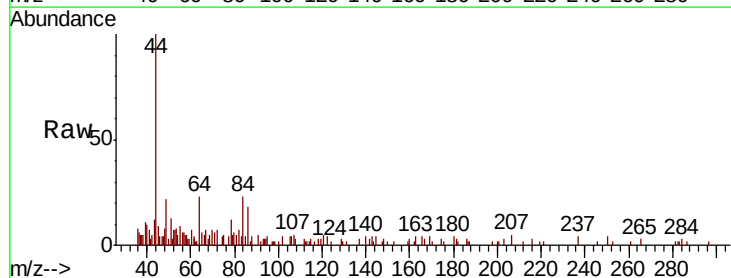
Tot Ion: 73 Resp: 548174
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.5 26.3

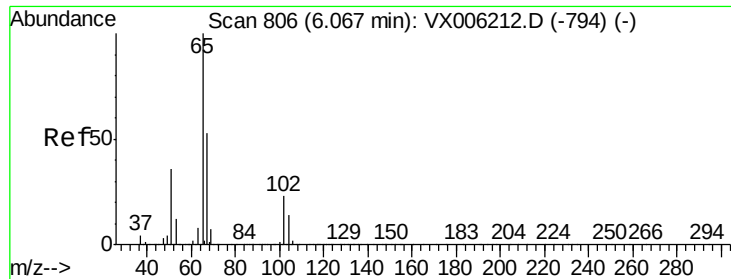


#20

Methylene Chloride
 Concen: 0.245 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006522.D
 Acq: 14 Dec 2018 17:25

Tgt Ion: 84 Resp: 1670
 Ion Ratio Lower Upper
 84 100
 49 79.0 102.2 153.4#
 51 25.2 31.1 46.7#
 86 66.7 53.7 80.5

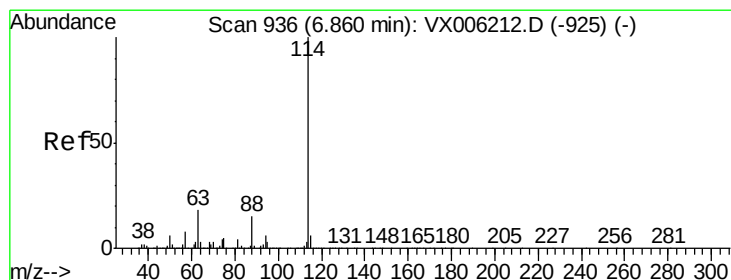
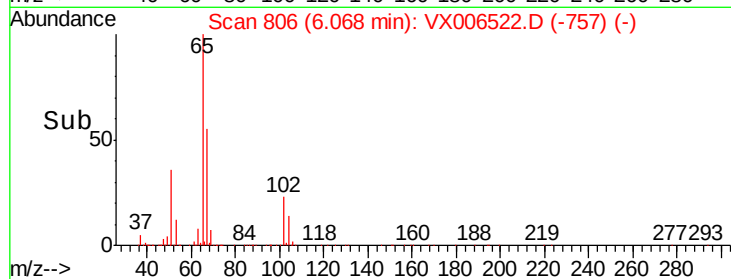
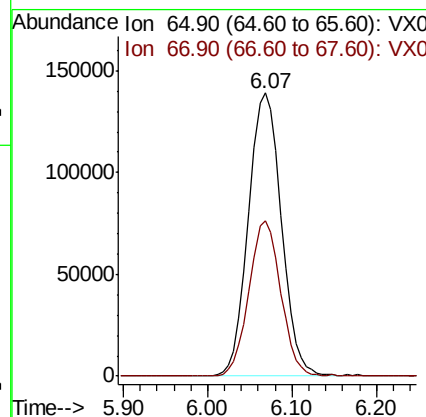
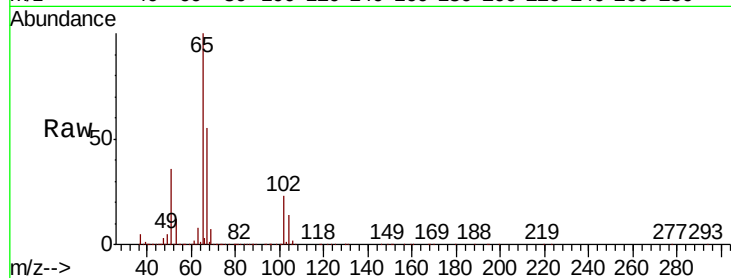




#33
 1,2-Dichloroethane-d4
 Concen: 54.096 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006522.D
 Acq: 14 Dec 2018 17:25

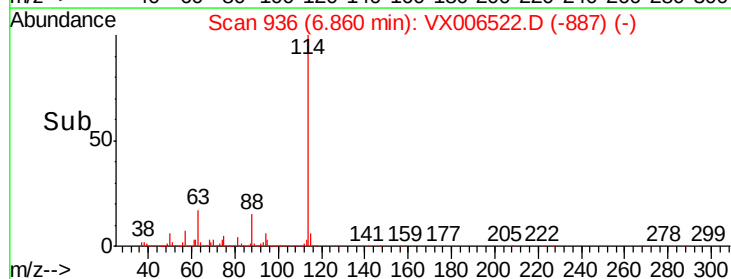
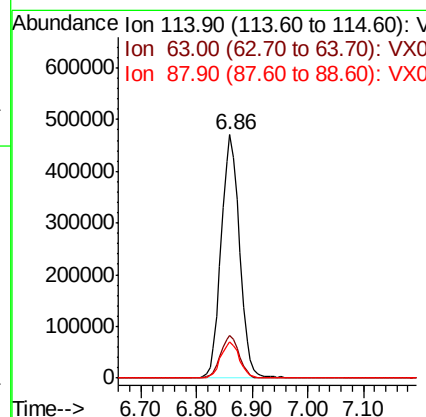
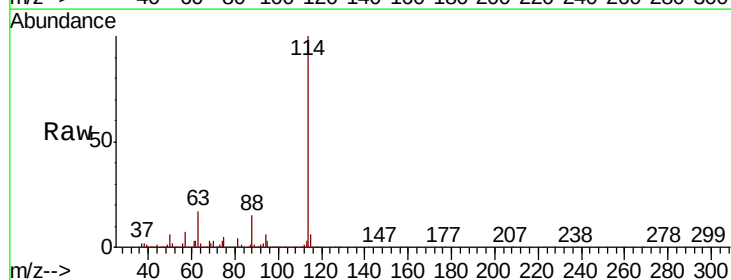
Instrument :
 MSVOA_X
 ClientSampleId :

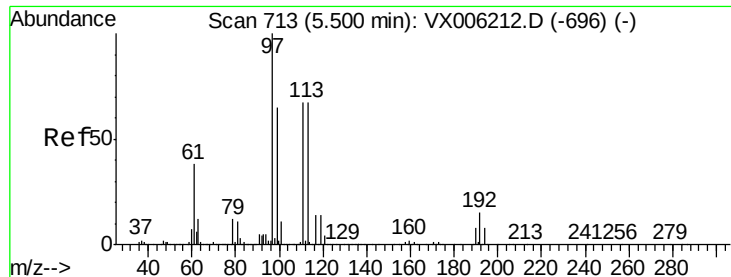
Tot Ion: 65 Resp: 369638
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006522.D
 Acq: 14 Dec 2018 17:25

Tgt Ion: 114 Resp: 1087209
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.6
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.526 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :

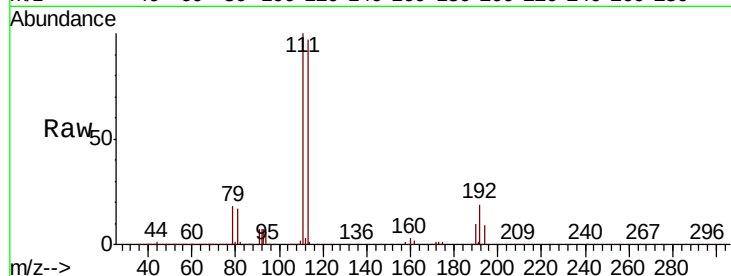
Tot Ion: 113 Resp: 320469

Ion Ratio Lower Upper

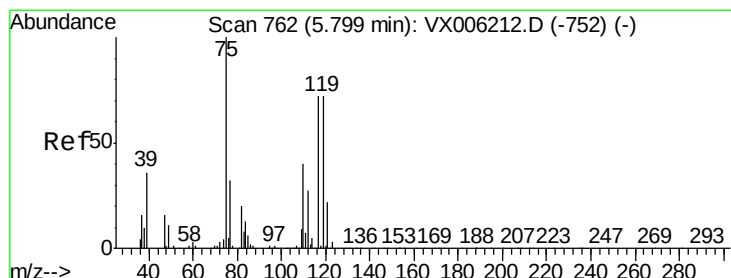
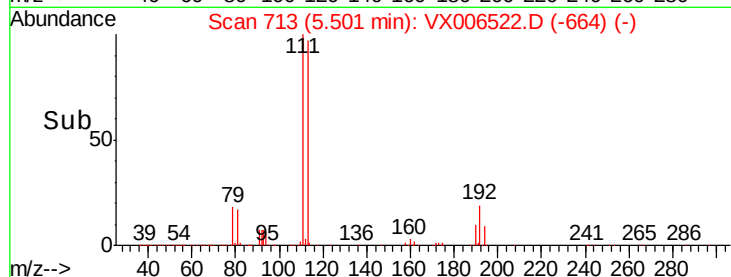
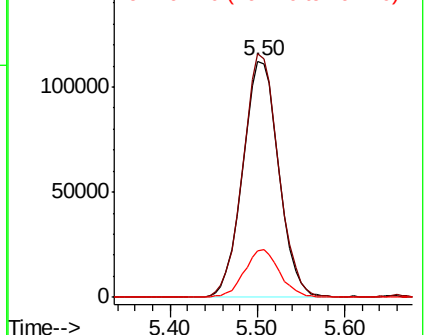
113 100

111 101.7 81.1 121.7

192 19.8 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: 4.644 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

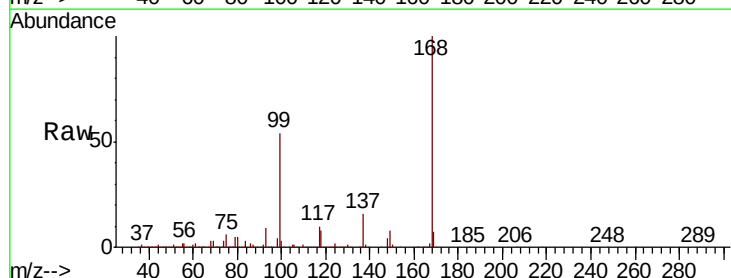
Tgt Ion: 75 Resp: 42522

Ion Ratio Lower Upper

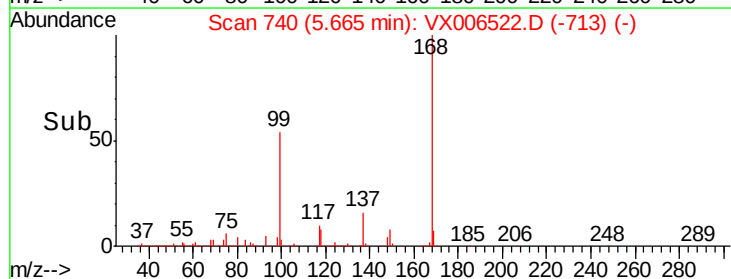
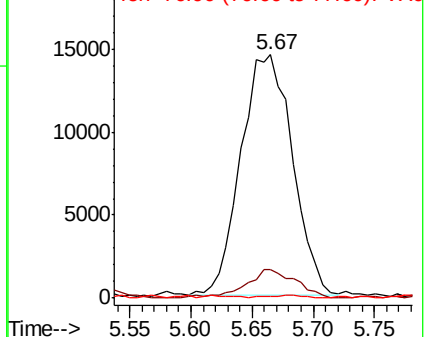
75 100

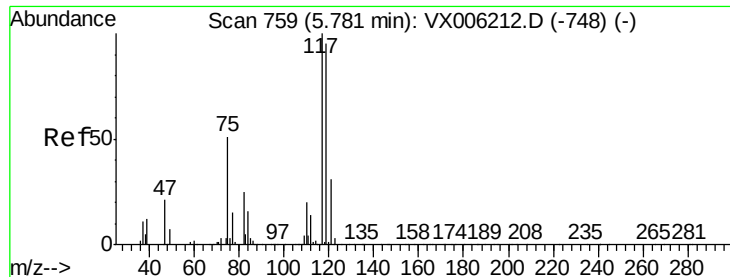
110 11.5 20.4 61.3#

77 0.7 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.945 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

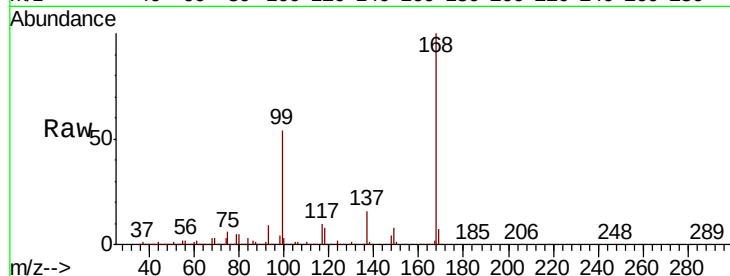
Tot Ion:117 Resp: 64036

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

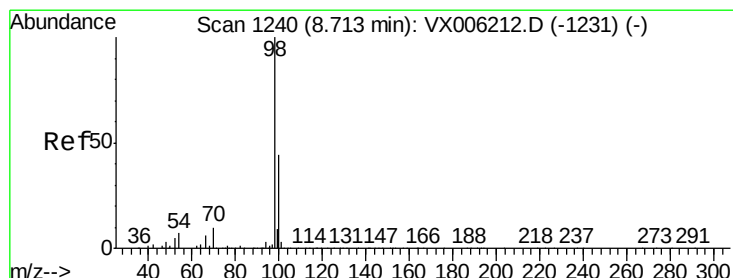
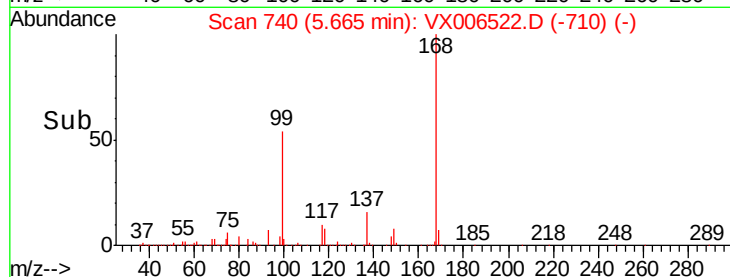
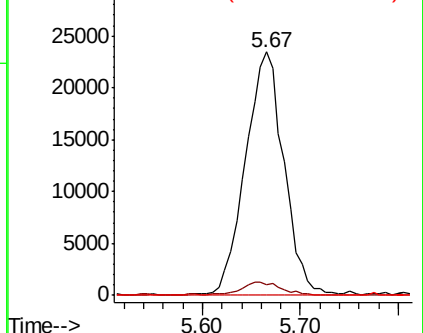
121 0.0 24.6 37.0#



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



#50

Toluene-d8

Concen: 49.582 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006522.D

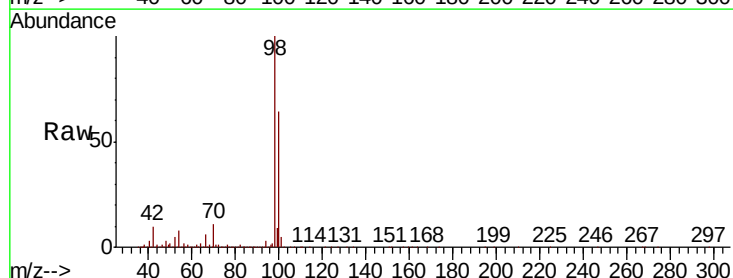
Acq: 14 Dec 2018 17:25

Tgt Ion: 98 Resp: 1269530

Ion Ratio Lower Upper

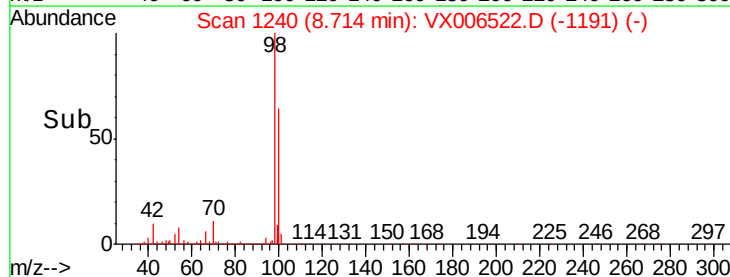
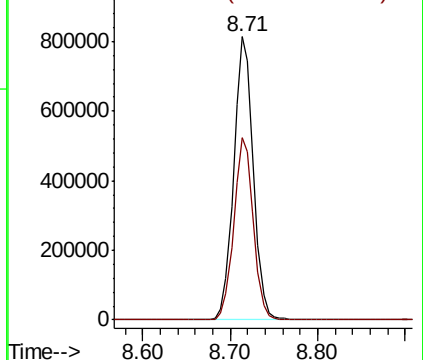
98 100

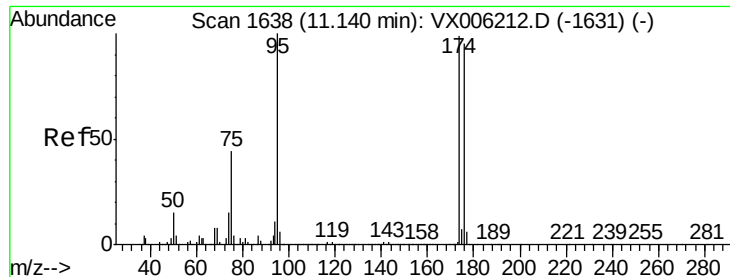
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

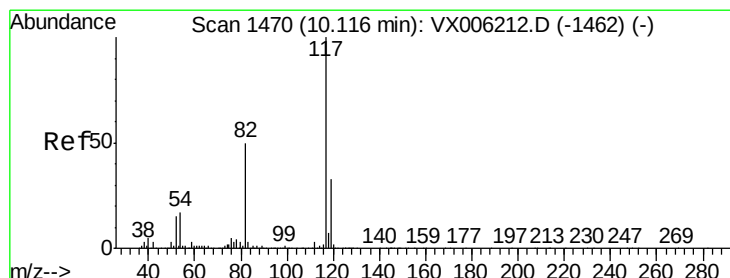
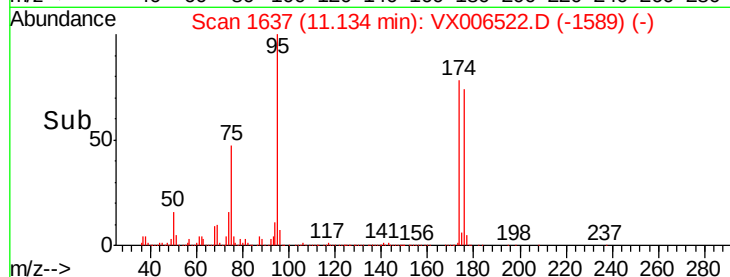
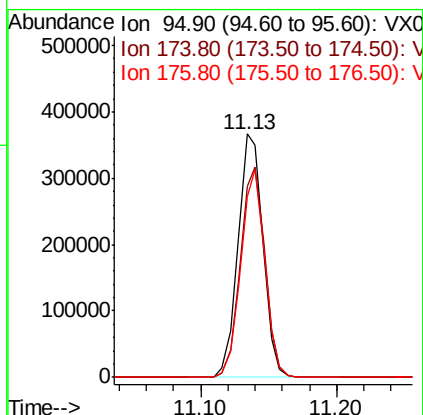
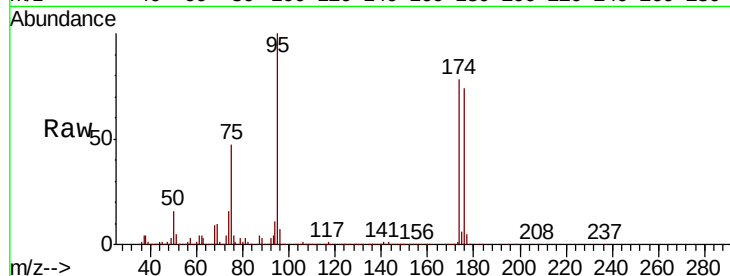




#62
4-Bromofluorobenzene
Concen: 48.409 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

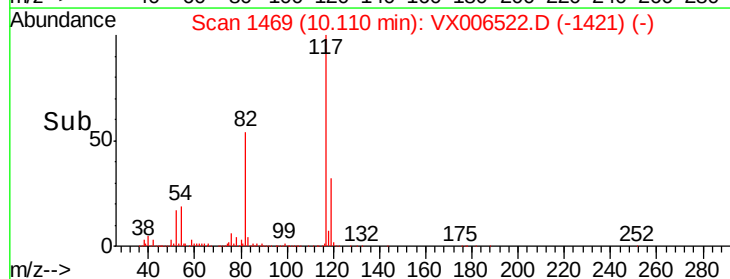
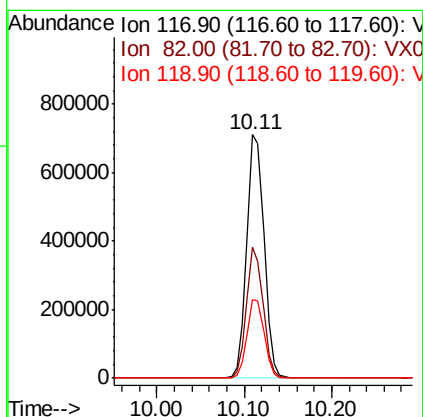
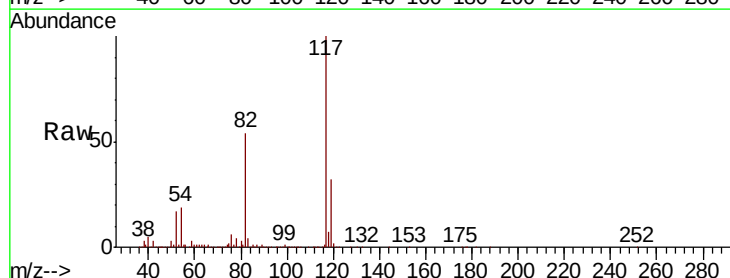
Instrument :
MSVOA_X
ClientSampleId :

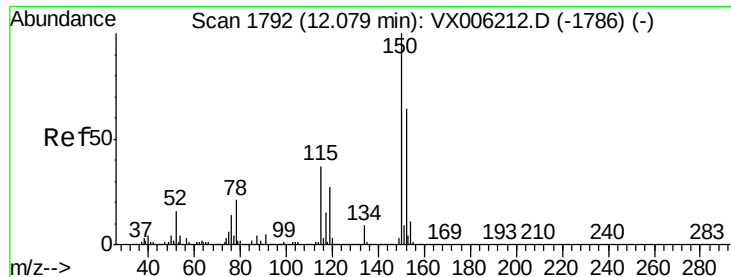
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	187.0
176	82.5	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006522.D
Acq: 14 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	39.6	59.4
119	32.5	26.3	39.5

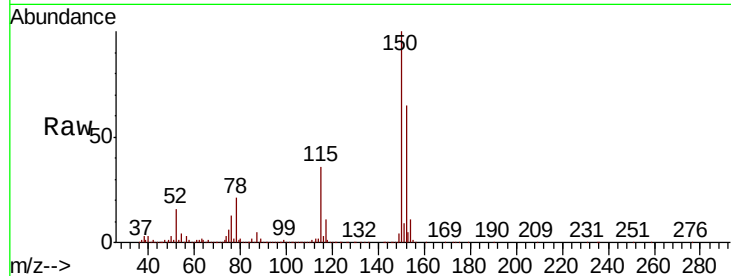




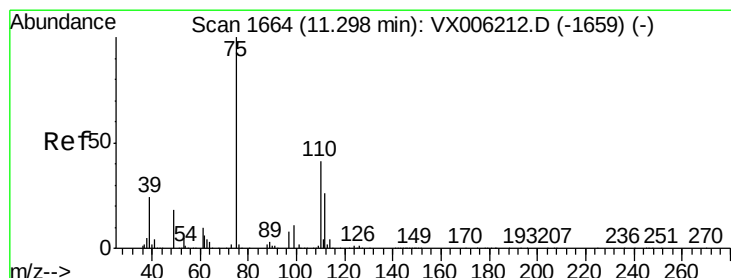
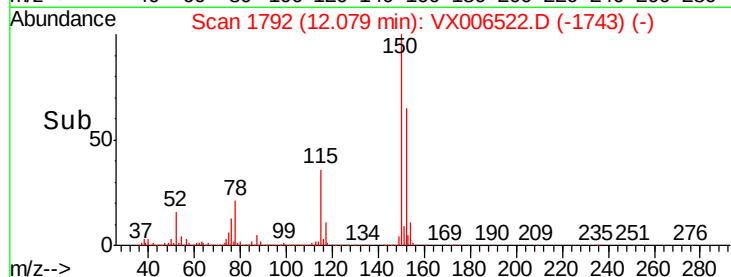
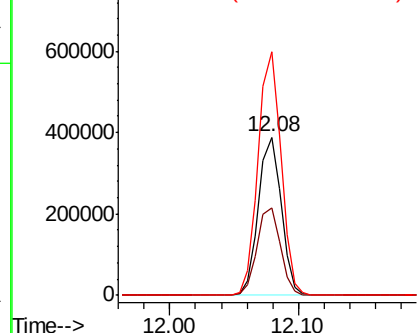
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006522.D
 Acq: 14 Dec 2018 17:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.6	39.0	116.9
150	154.5	0.0	345.8

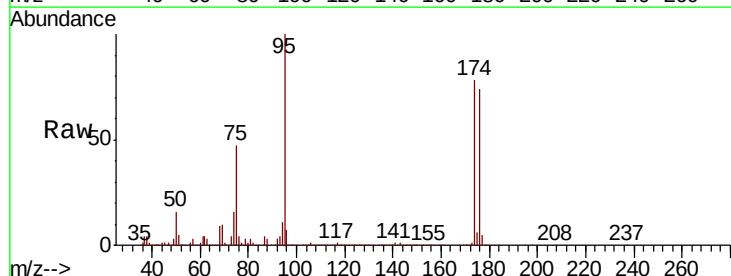


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

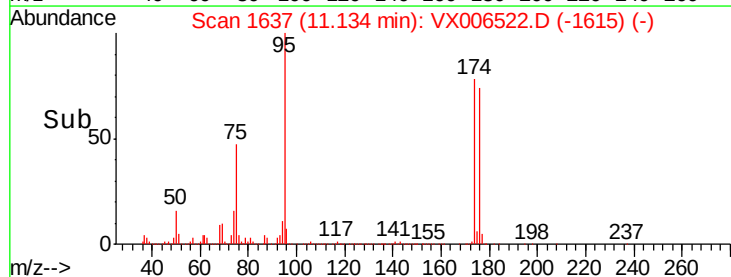
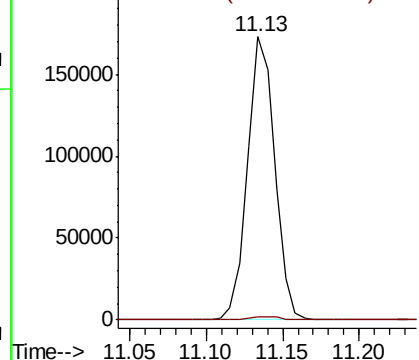


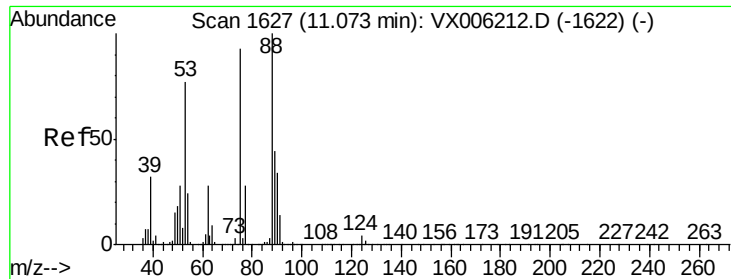
#76
 1,2,3-Trichloropropane
 Concen: 23.430 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006522.D
 Acq: 14 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	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: 54.984 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006522.D

Acq: 14 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 214448

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#

