

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006352.D
 Acq On : 07 Dec 2018 17:25
 Operator : JC/MD
 Sample : J6019-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120518

Quant Time: Dec 08 00:12:42 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	816633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1236276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1121144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	544467	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	402143	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	381542	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	8.71	98	1423094	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.13	95	530587	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

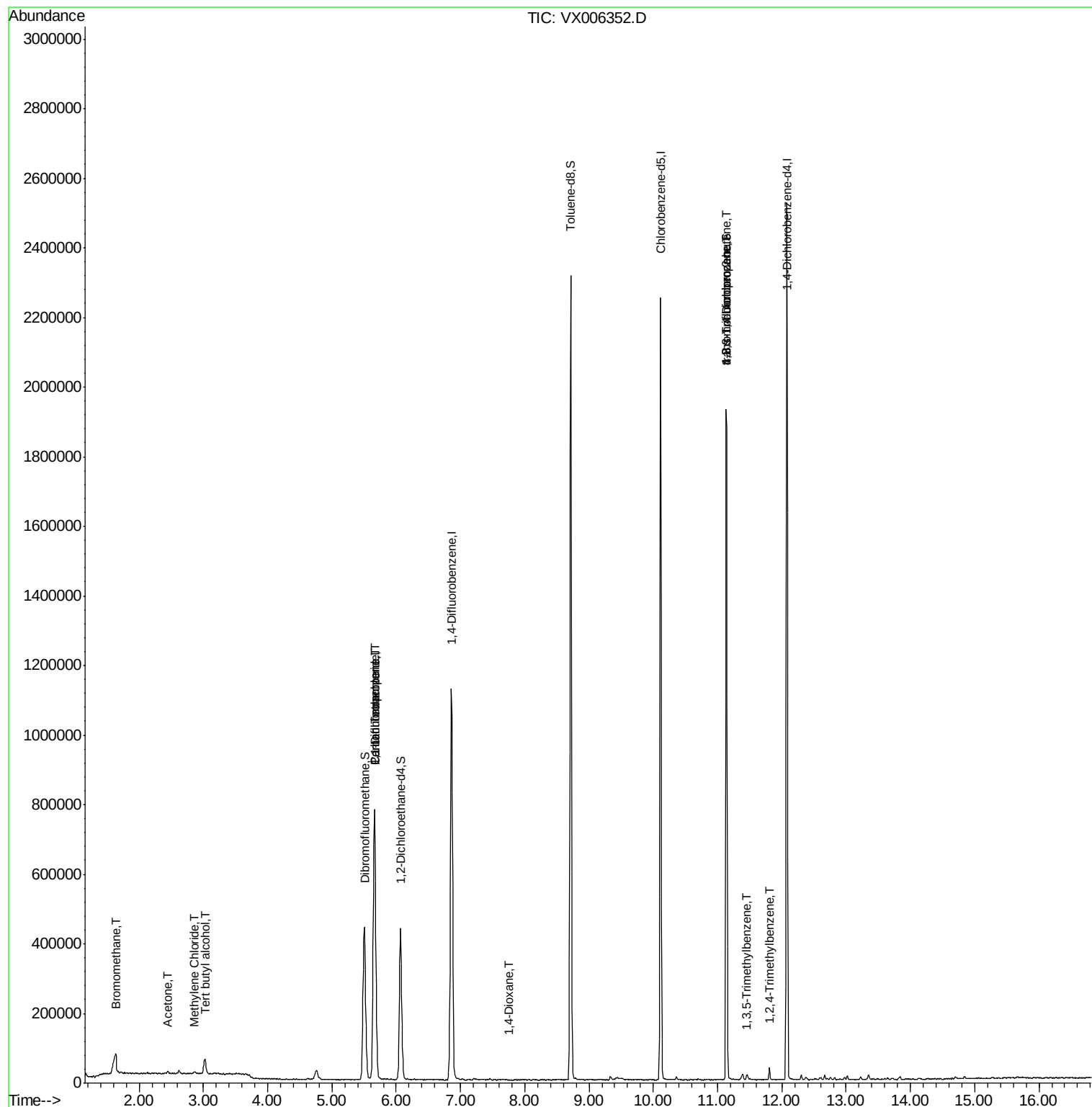
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1597	0.261	ug/l	100
11) Tert butyl alcohol	3.02	59	29106	12.767	ug/l #	81
16) Acetone	2.45	43	7274	1.859	ug/l	91
20) Methylene Chloride	2.86	84	3321	0.399	ug/l #	87
36) 1,1-Dichloropropene	5.66	75	48977	4.704	ug/l #	48
38) Carbon Tetrachloride	5.66	117	74472	6.081	ug/l #	17
49) 1,4-Dioxane	7.76	88	64	0.275	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	241169	22.949	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.46	105	6898	0.220	ug/l	76
81) trans-1,4-Dichloro-2-buten	11.13	75	241169	53.854	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.80	105	16280	0.504	ug/l	92

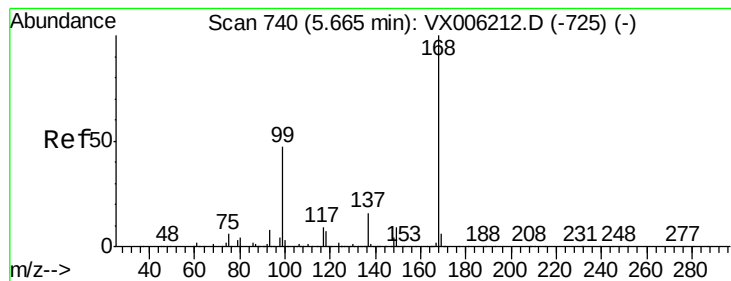
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\
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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: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

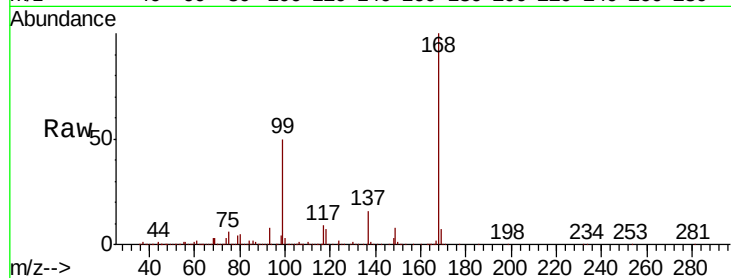
FB-120518

Tot Ion:168 Resp: 816633

Ion Ratio Lower Upper

168 100

99 49.7 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006352.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006352.D (-691) (-)

5.67

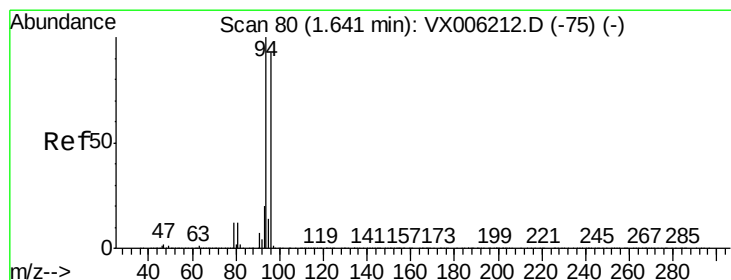
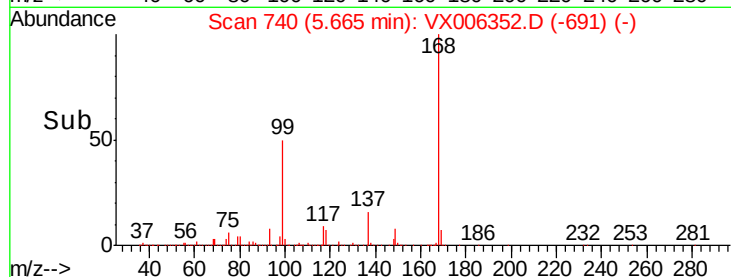
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.261 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006352.D

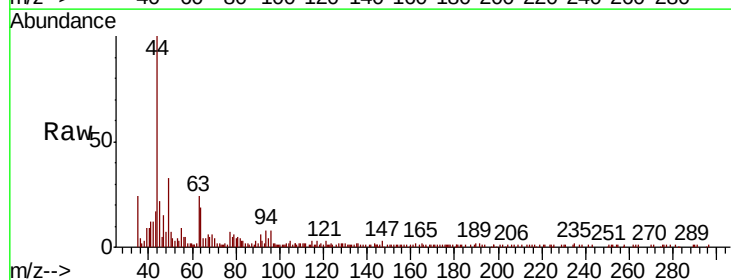
Acq: 07 Dec 2018 17:25

Tgt Ion: 94 Resp: 1597

Ion Ratio Lower Upper

94 100

96 93.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX006352.D (-31) (-)

Ion 95.90 (95.60 to 96.60): VX006352.D (-31) (-)

1.64

1000

800

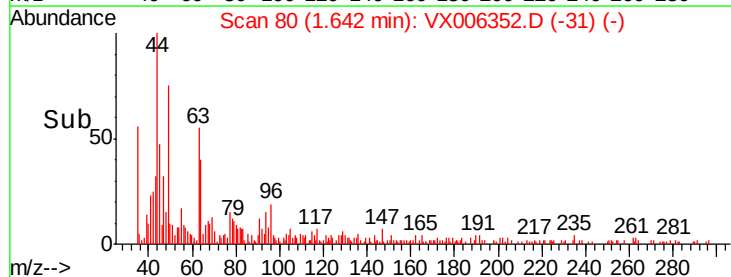
600

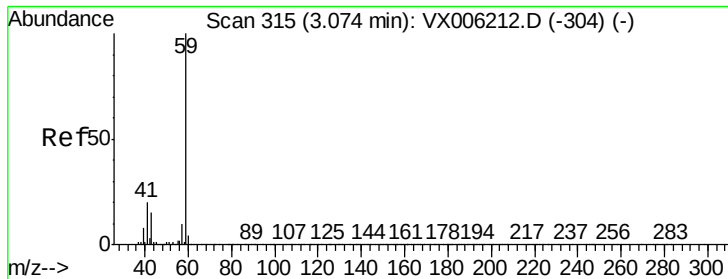
400

200

0

Time-->



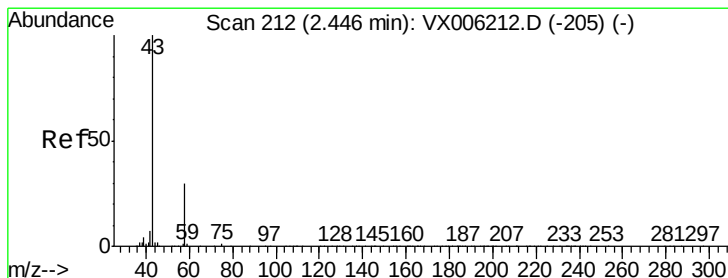
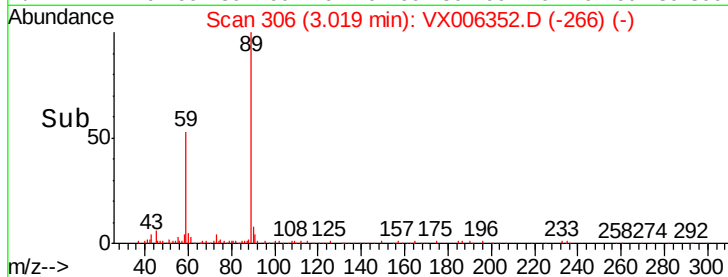
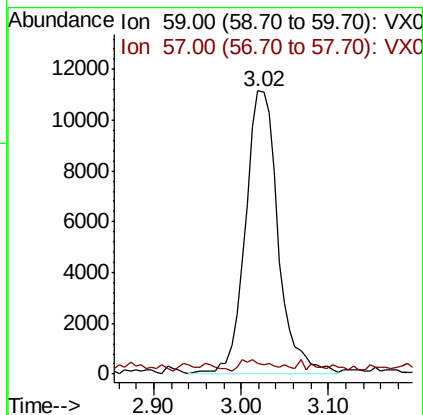
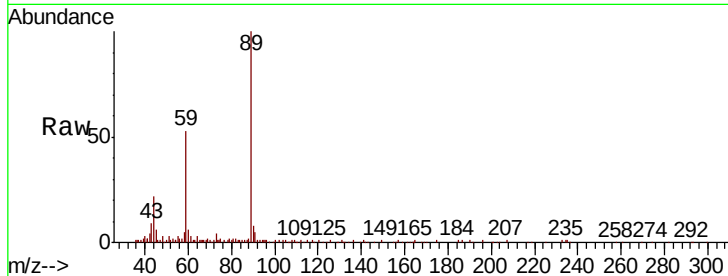


#11

Tert butyl alcohol
 Concen: 12.767 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120518

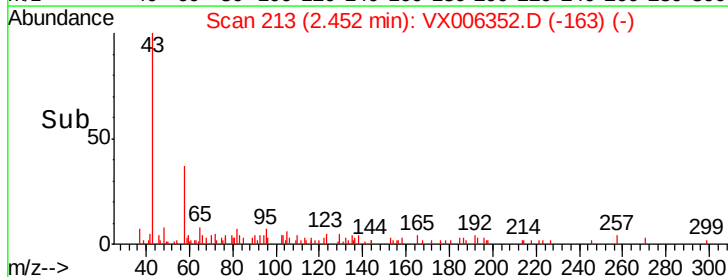
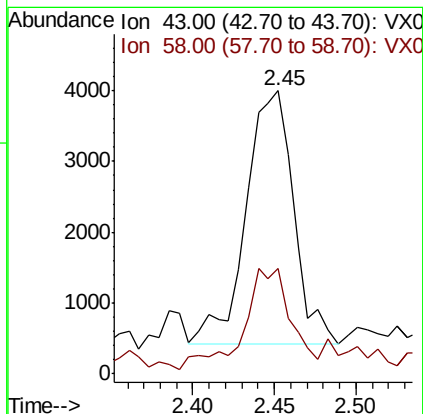
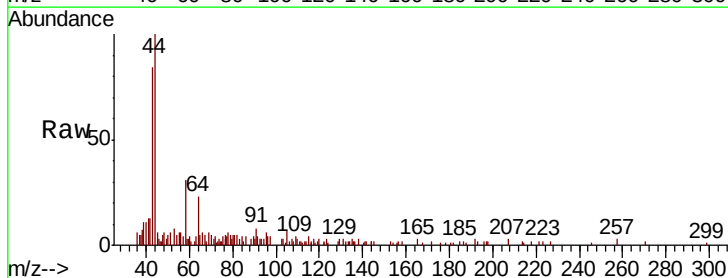
Tot Ion: 59 Resp: 29106
 Ion Ratio Lower Upper
 59 100
 57 3.3 8.2 12.2#

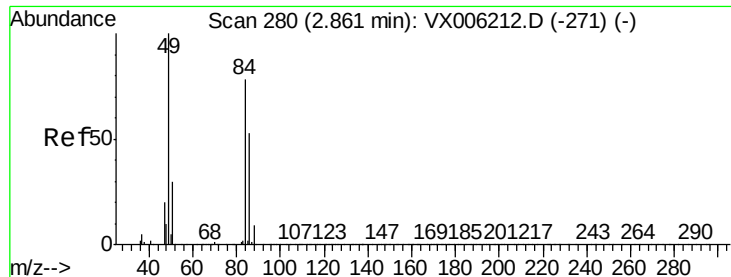


#16

Acetone
 Concen: 1.859 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

Tgt Ion: 43 Resp: 7274
 Ion Ratio Lower Upper
 43 100
 58 35.0 24.0 36.0

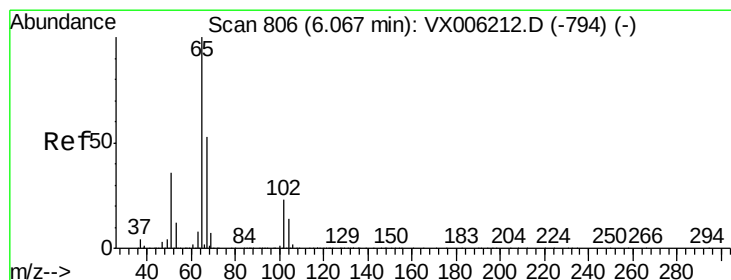
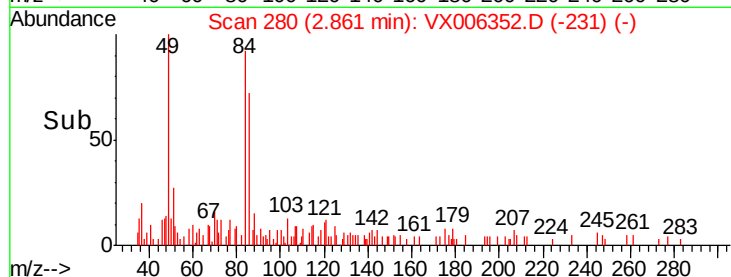
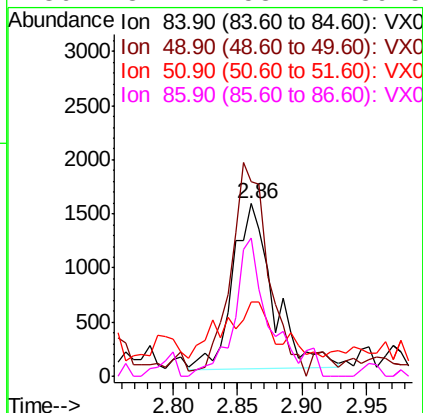
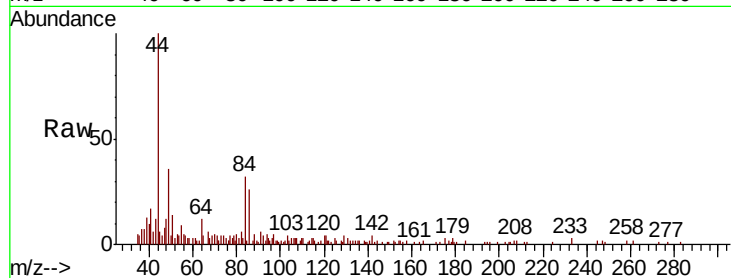




#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006352.D
Acq: 07 Dec 2018 17:25

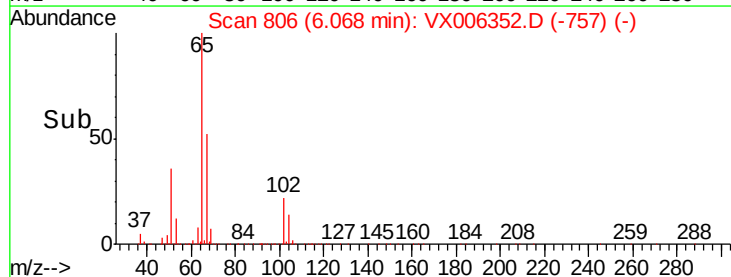
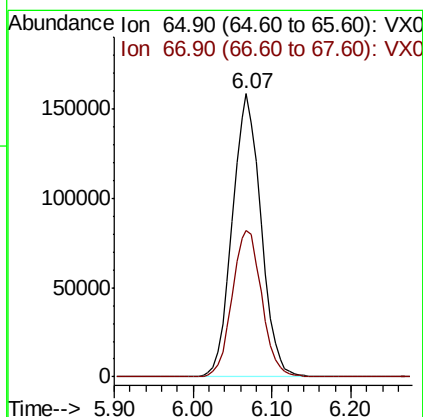
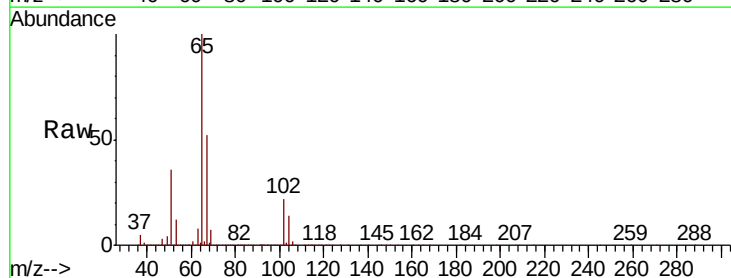
Instrument :
MSVOA_X
ClientSampled :
FB-120518

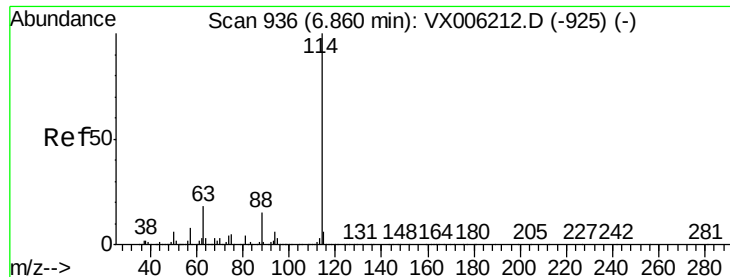
Tot Ion: 84 Resp: 3321
Ion Ratio Lower Upper
84 100
49 115.8 102.2 153.4
51 34.0 31.1 46.7
86 84.7 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 48.239 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006352.D
Acq: 07 Dec 2018 17:25

Tgt Ion: 65 Resp: 402143
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2

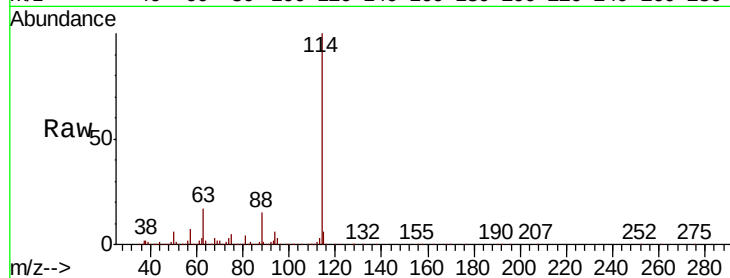




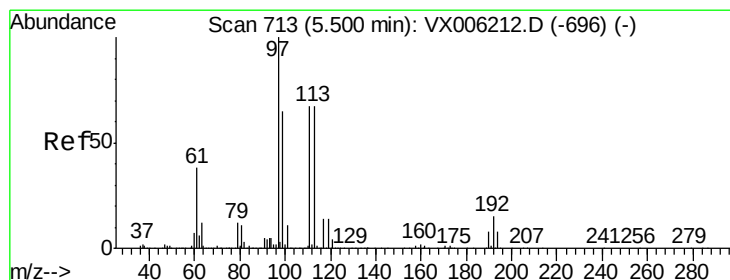
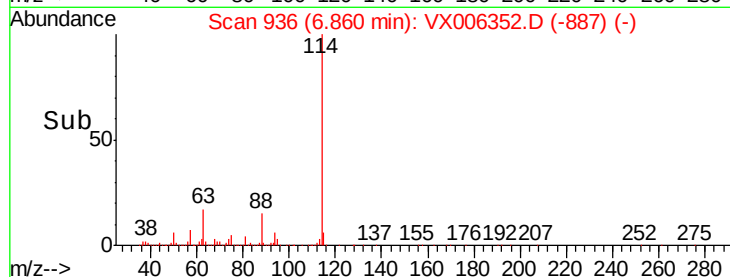
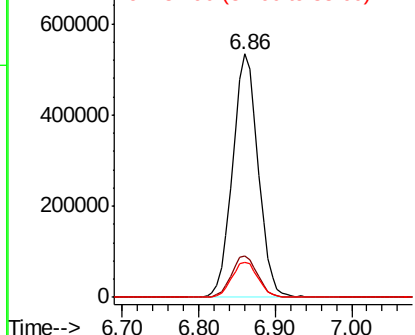
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120518

Tot Ion:114 Resp: 1236276
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.6
 88 14.6 0.0 29.0

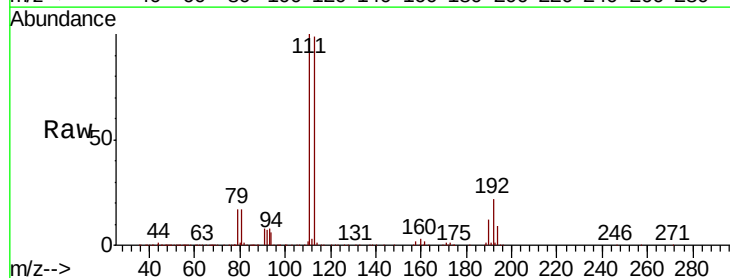


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

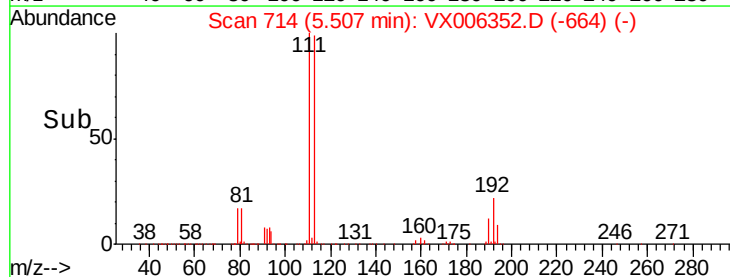
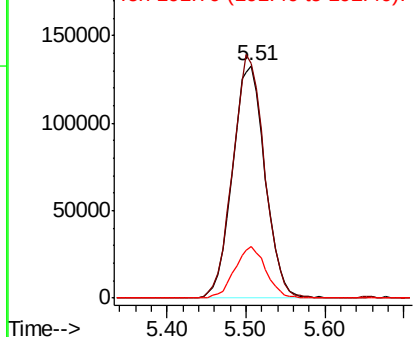


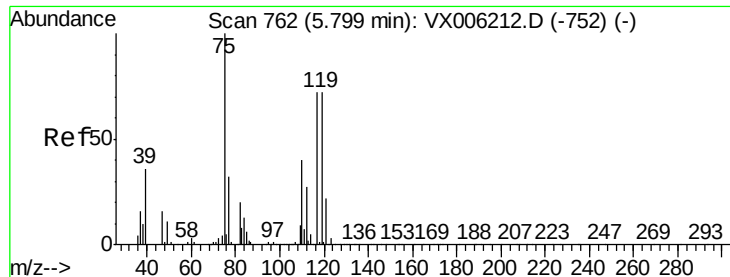
#35
 Dibromofluoromethane
 Concen: 47.667 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

Tgt Ion:113 Resp: 381542
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 21.5 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: 4.704 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampleId :

FB-120518

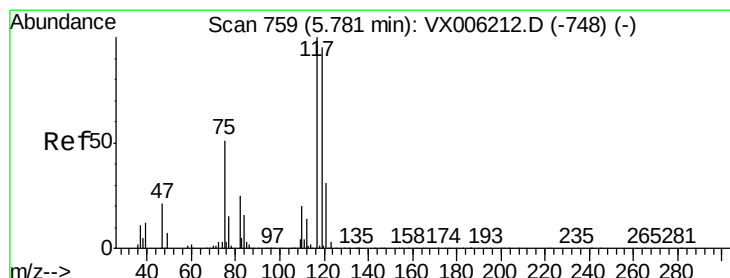
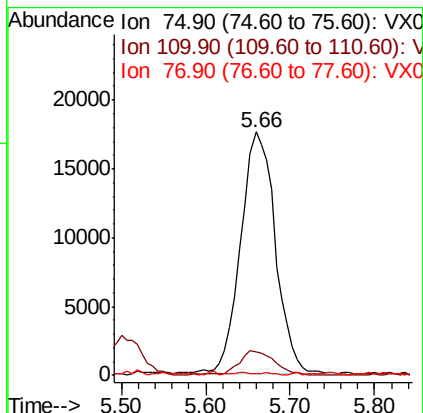
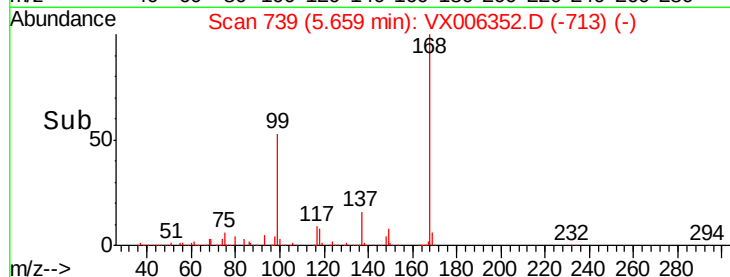
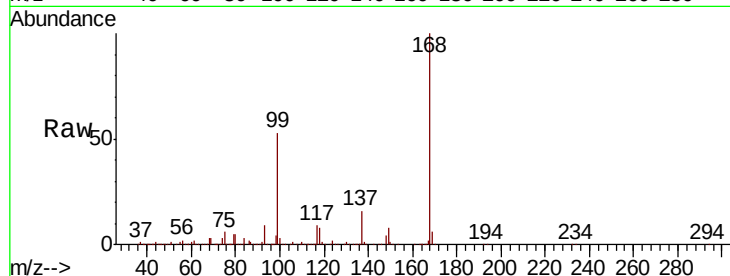
Tot Ion: 75 Resp: 48977

Ion Ratio Lower Upper

75 100

110 10.7 20.4 61.3#

77 0.4 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.081 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

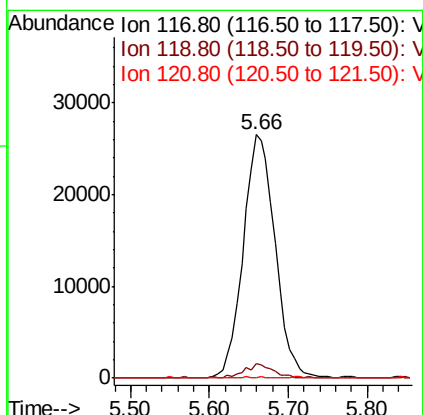
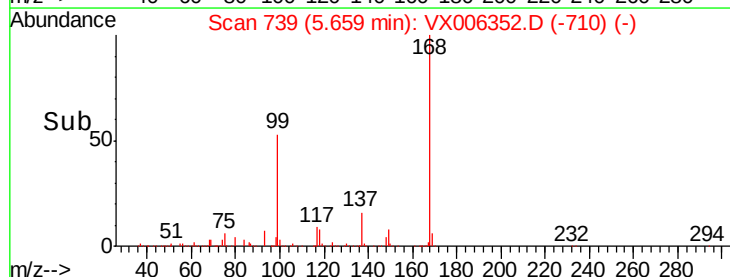
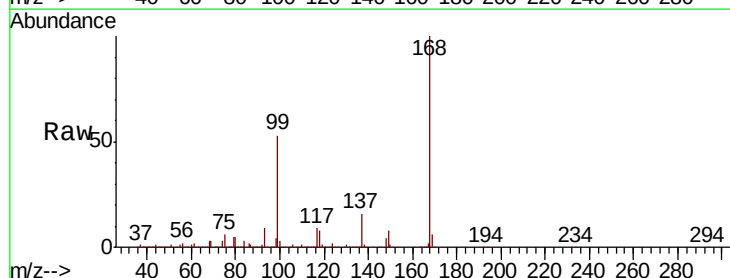
Tgt Ion: 117 Resp: 74472

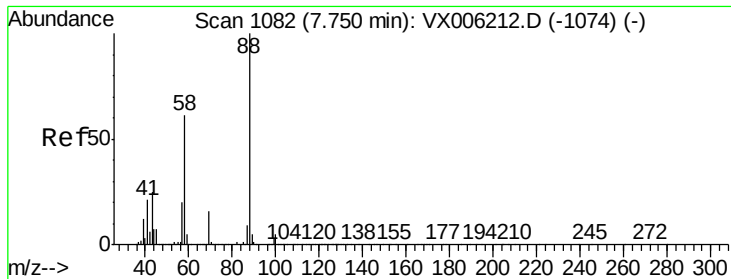
Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.8#

121 0.3 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.275 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006352.D

Acq: 07 Dec 2018 17:25

Instrument :

MSVOA_X

ClientSampled :

FB-120518

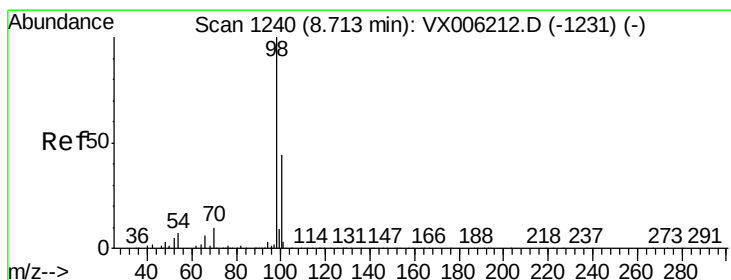
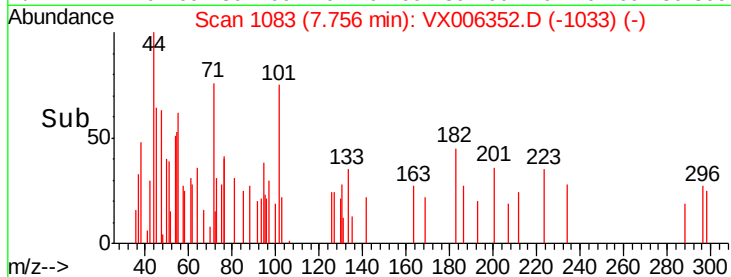
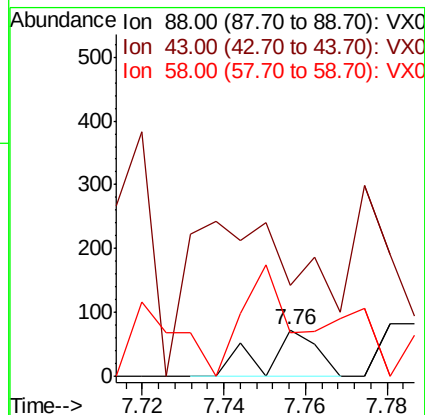
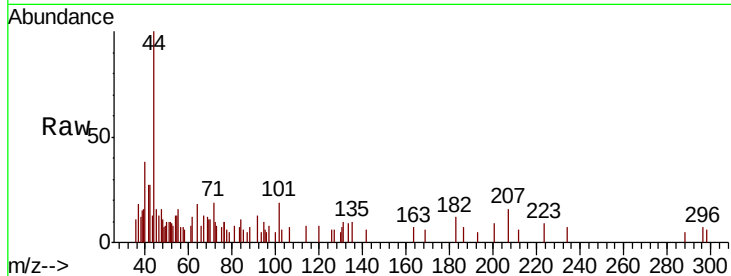
Tot Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 768.8 23.2 34.8#

58 232.8 51.4 77.0#



#50

Toluene-d8

Concen: 48.878 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006352.D

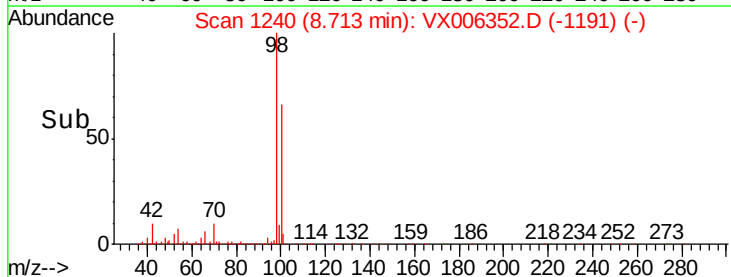
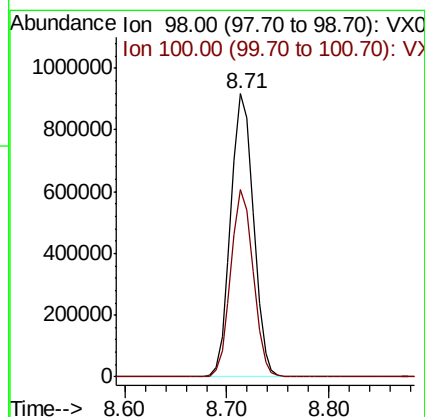
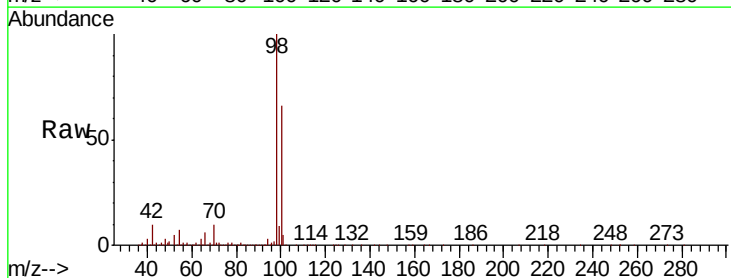
Acq: 07 Dec 2018 17:25

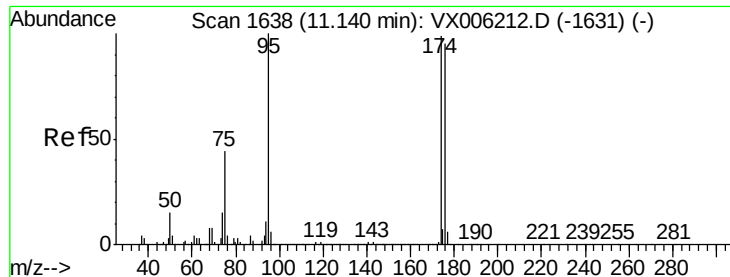
Tgt Ion: 98 Resp: 1423094

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

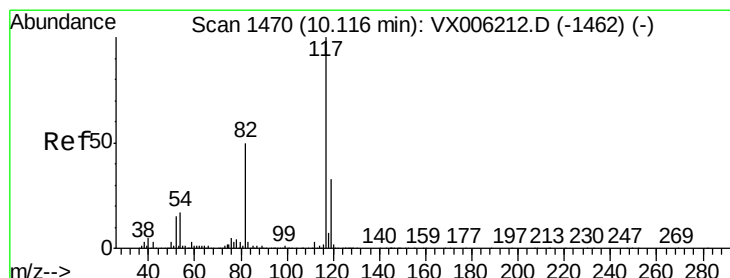
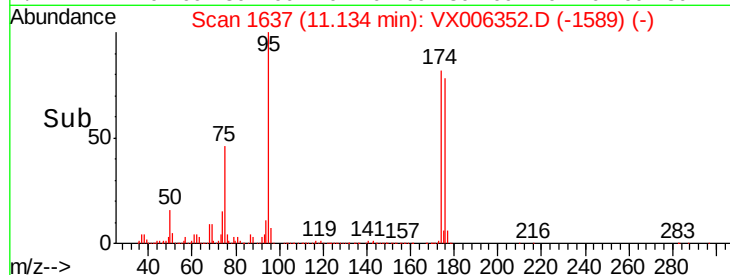
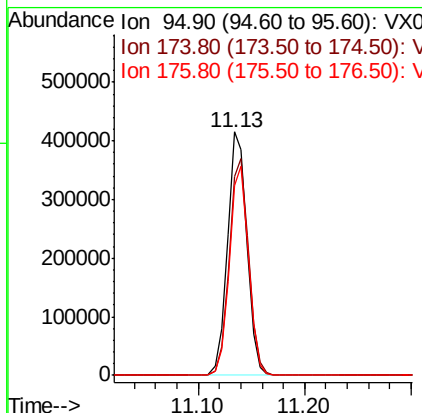
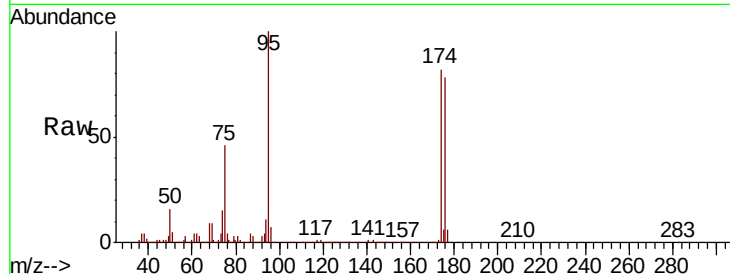




#62
4-Bromofluorobenzene
Concen: 48.360 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006352.D
Acq: 07 Dec 2018 17:25

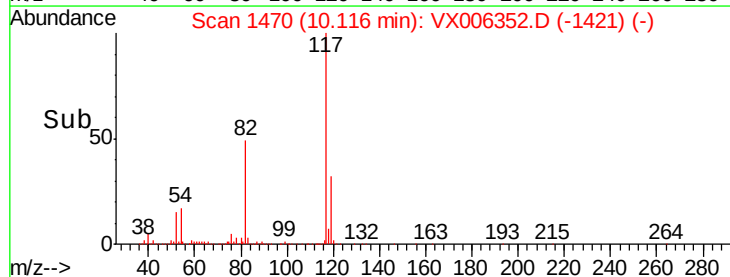
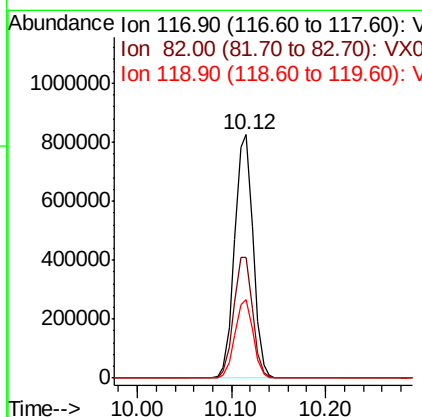
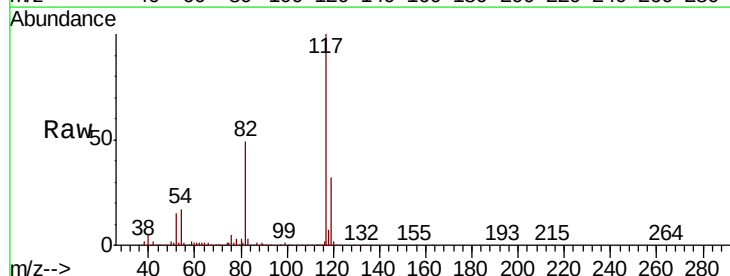
Instrument :
MSVOA_X
ClientSampled :
FB-120518

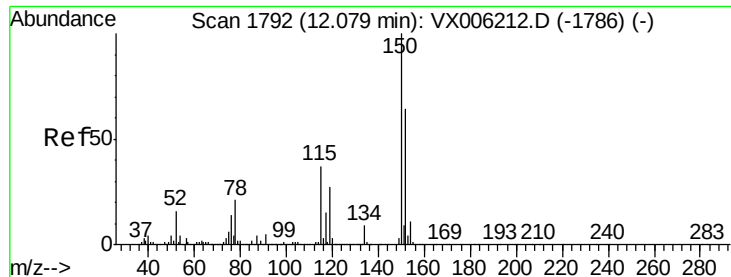
Tot Ion: 95 Resp: 530587
Ion Ratio Lower Upper
95 100
174 89.6 0.0 187.0
176 85.3 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006352.D
Acq: 07 Dec 2018 17:25

Tgt Ion: 117 Resp: 1121144
Ion Ratio Lower Upper
117 100
82 49.4 39.6 59.4
119 32.4 26.3 39.5



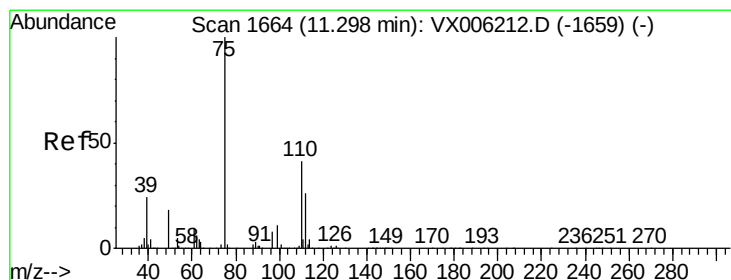
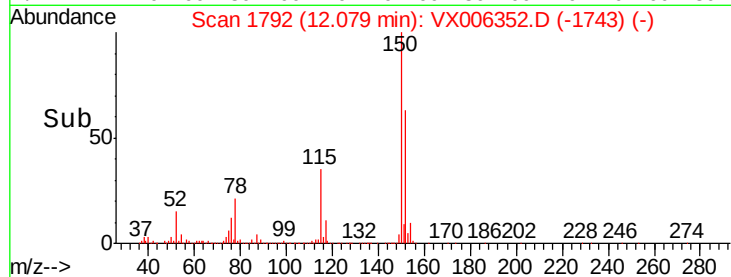
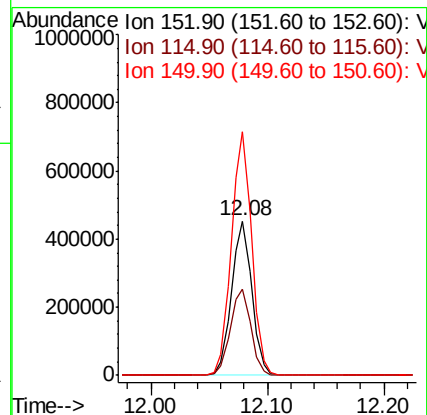
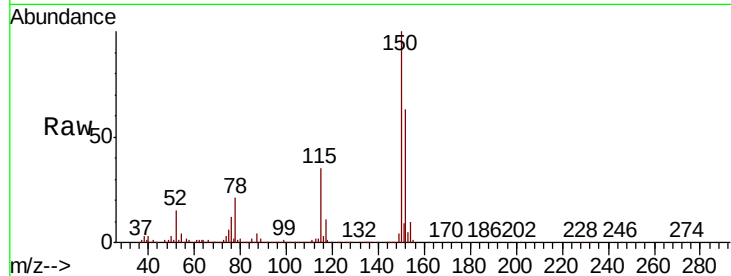


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006352.D
Acq: 07 Dec 2018 17:25

Instrument :
MSVOA_X
ClientSampleId :
FB-120518

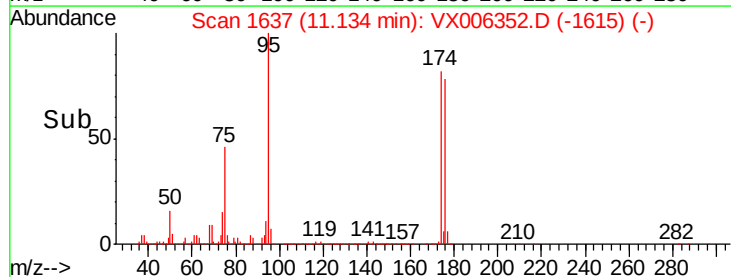
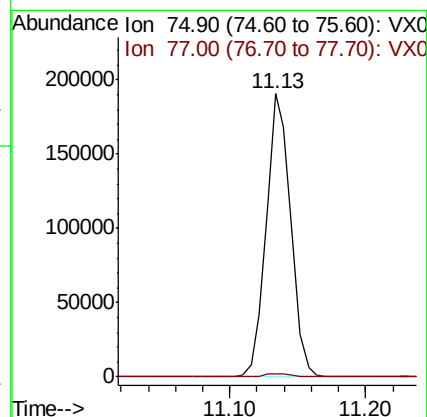
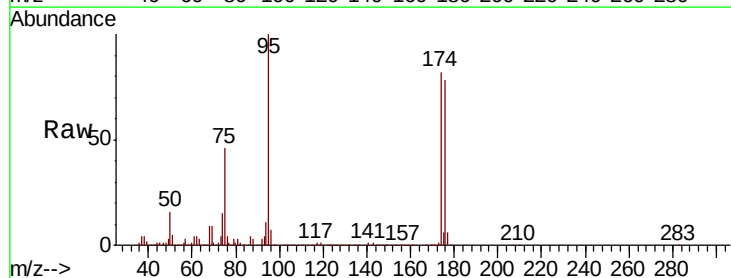
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	158.0	0.0	345.8

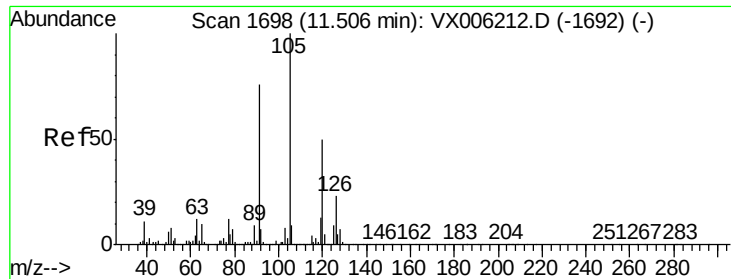


#76

1,2,3-Trichloropropane
Concen: 22.949 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006352.D
Acq: 07 Dec 2018 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7

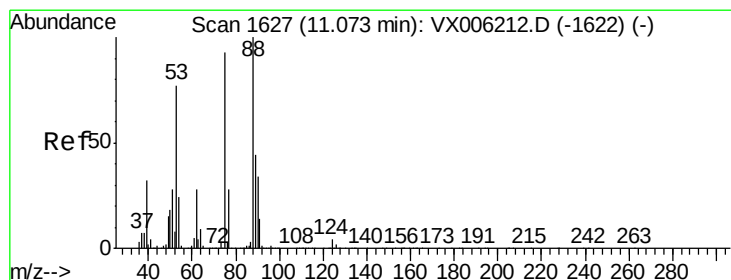
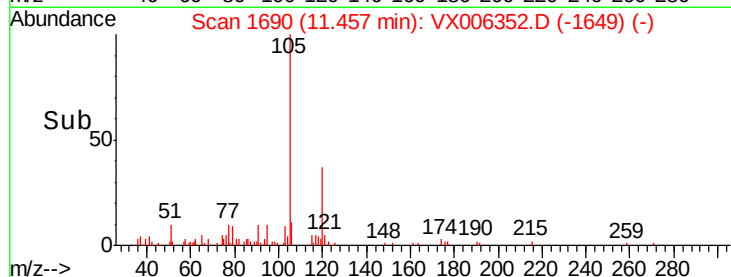
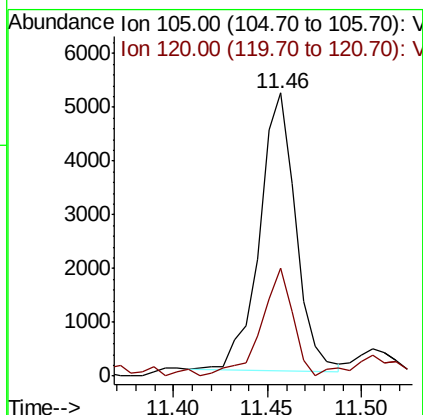
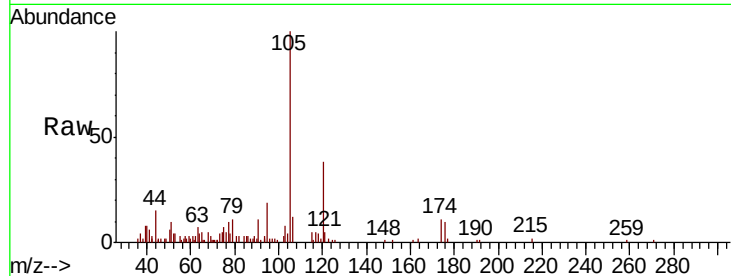




#80
 1,3,5-Trimethylbenzene
 Concen: 0.220 ug/l
 RT: 11.46 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

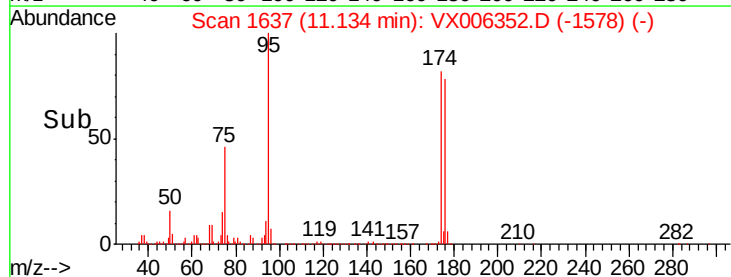
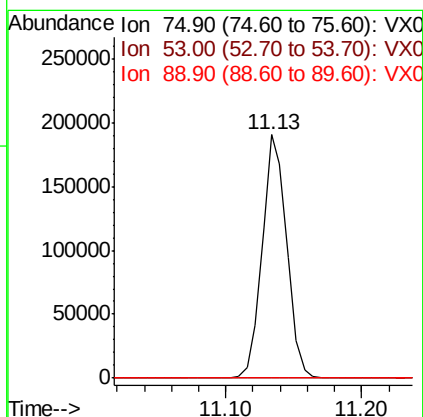
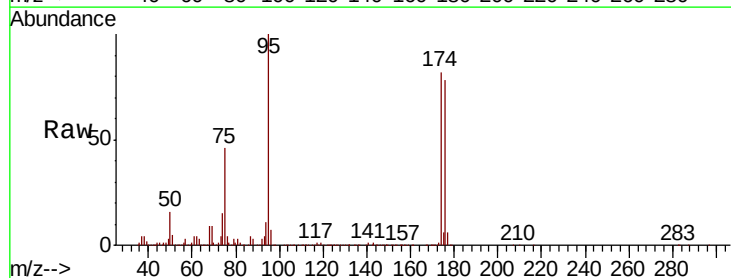
Instrument :
 MSVOA_X
 ClientSampled :
 FB-120518

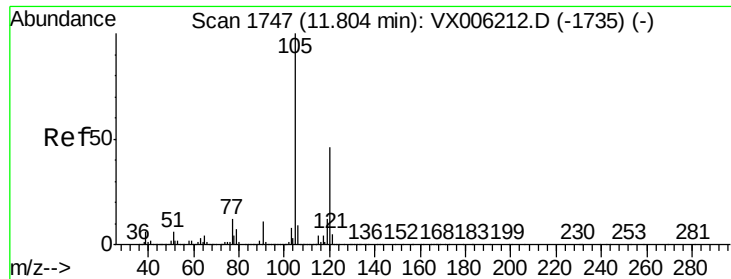
Tot Ion:105 Resp: 6898
 Ion Ratio Lower Upper
 105 100
 120 33.8 25.4 76.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.854 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

Tgt Ion: 75 Resp: 241169
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.1 44.2 66.4#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.504 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006352.D
 Acq: 07 Dec 2018 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-120518

Tot Ion:105 Resp: 16280
 Ion Ratio Lower Upper
 105 100
 120 51.9 23.4 70.0

