

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006251.D
 Acq On : 03 Dec 2018 14:17
 Operator : JC/MD
 Sample : J6153-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Dec 04 04:56:13 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	903592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1366854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1213596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	582579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	445220	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	5.51	113	435648	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.71	98	1581502	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.14	95	576485	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

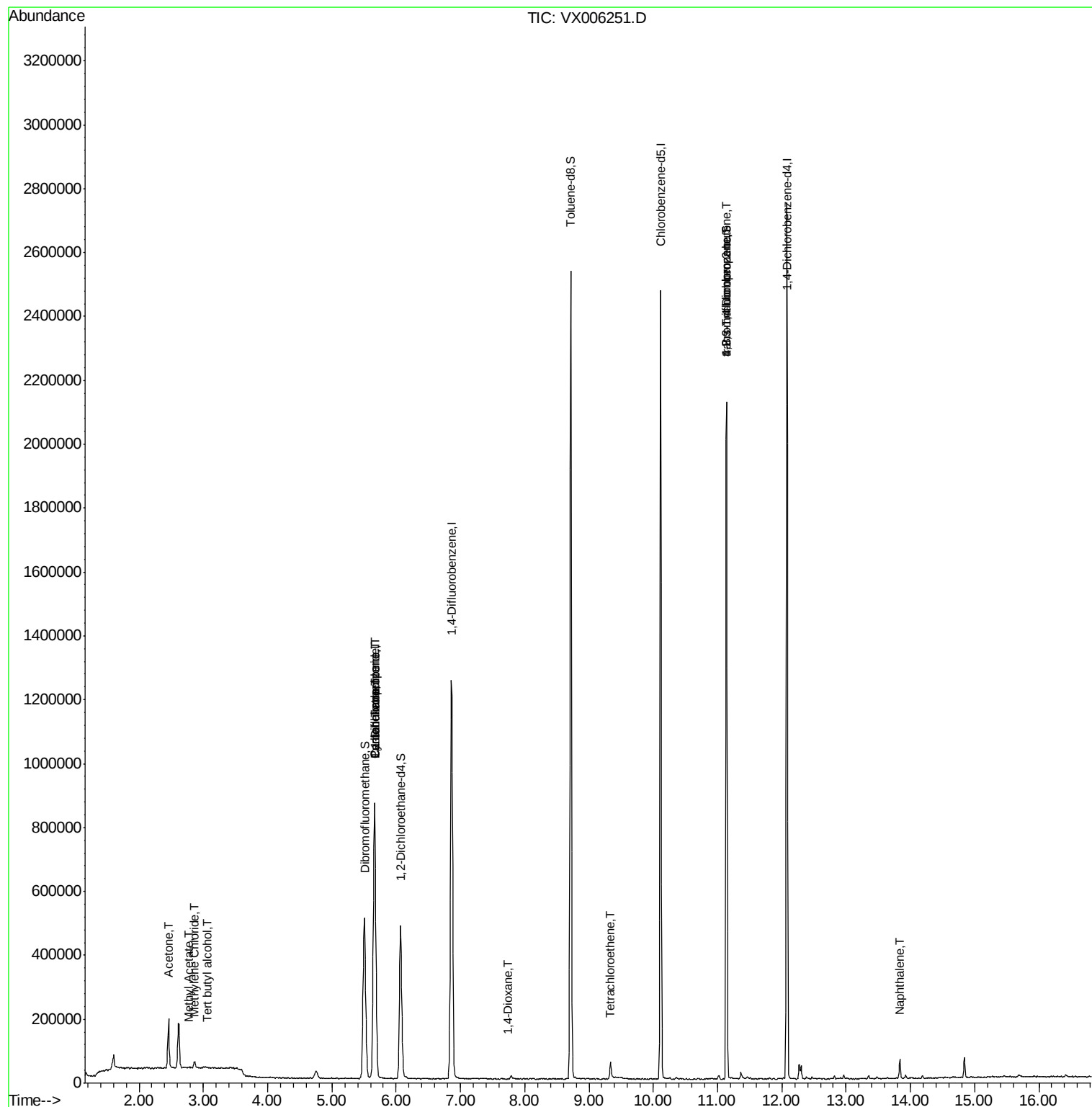
						Qvalue
11) Tert butyl alcohol	3.06	59	8358	3.313	ug/l #	92
16) Acetone	2.45	43	13101	3.026	ug/l	92
18) Methyl Acetate	2.78	43	4015	0.277	ug/l #	60
20) Methylene Chloride	2.86	84	9478	1.029	ug/l	97
31) Cyclohexane	5.66	56	14090	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	54372	4.724	ug/l #	49
38) Carbon Tetrachloride	5.67	117	80870	5.972	ug/l #	16
49) 1,4-Dioxane	7.74	88	53	0.206	ug/l #	1
64) Tetrachloroethene	9.34	164	4659	0.510	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	258957	23.029	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	258957	54.043	ug/l #	15
95) Naphthalene	13.83	128	38305	0.856	ug/l	98

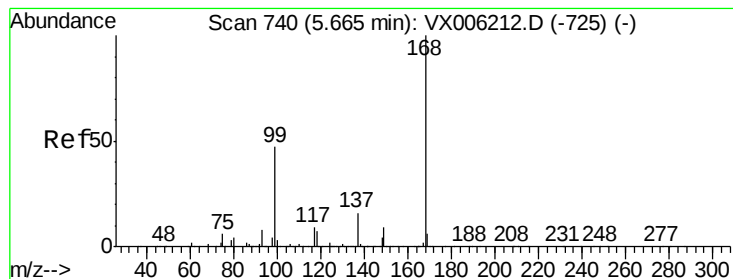
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120318\
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Quant Time: Dec 04 04:56:13 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: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

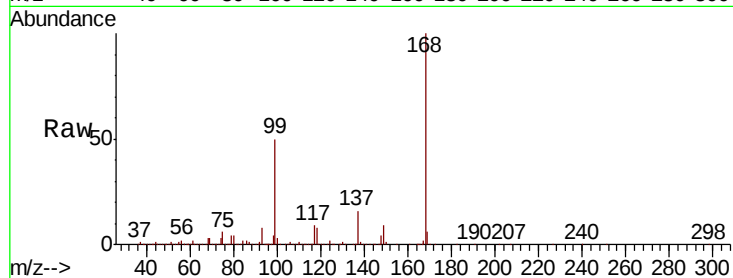
MH-G

Tot Ion:168 Resp: 903592

Ion Ratio Lower Upper

168 100

99 49.5 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

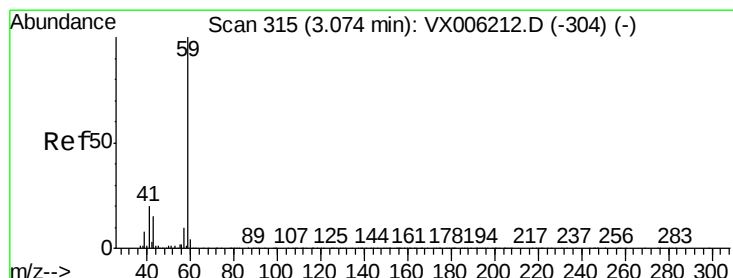
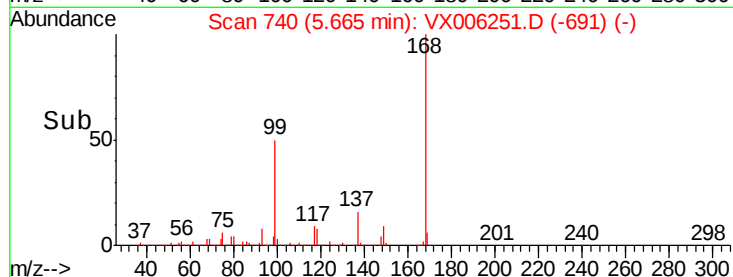
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.313 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006251.D

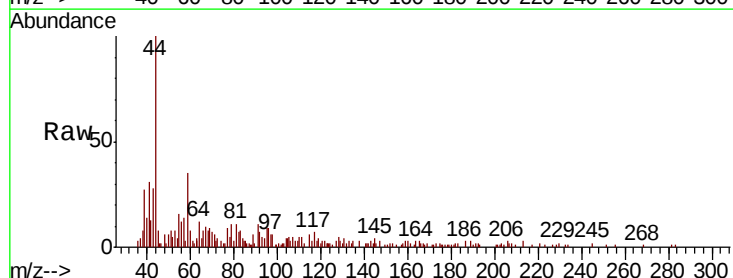
Acq: 03 Dec 2018 14:17

Tgt Ion: 59 Resp: 8358

Ion Ratio Lower Upper

59 100

57 13.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

2000

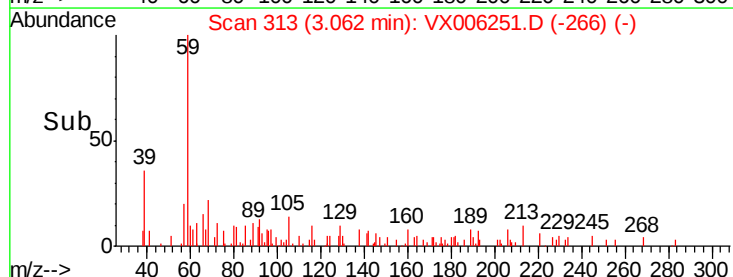
1500

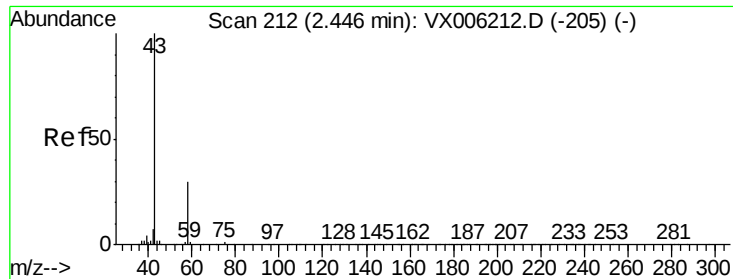
1000

500

0

Time-->

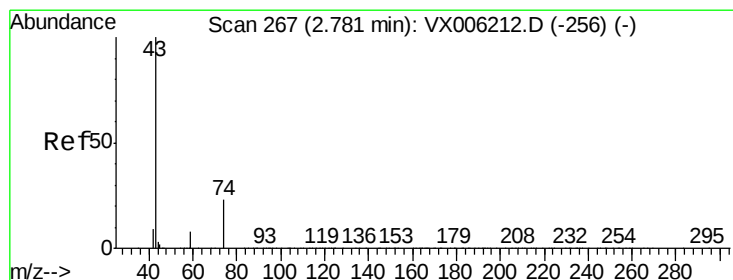
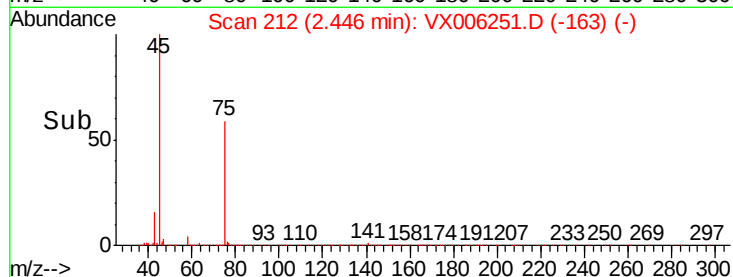
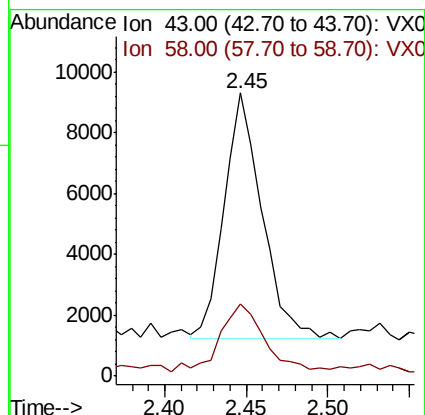
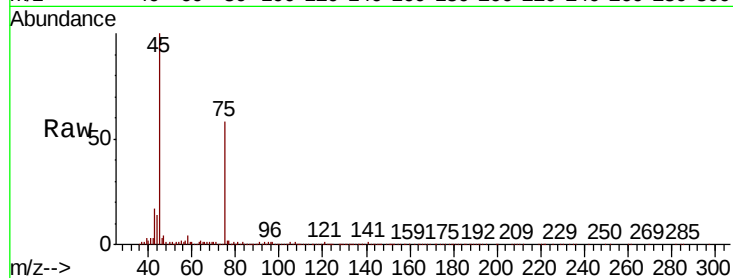




#16
Acetone
Concen: 3.026 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

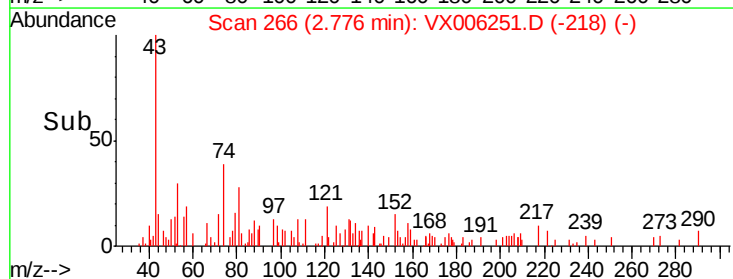
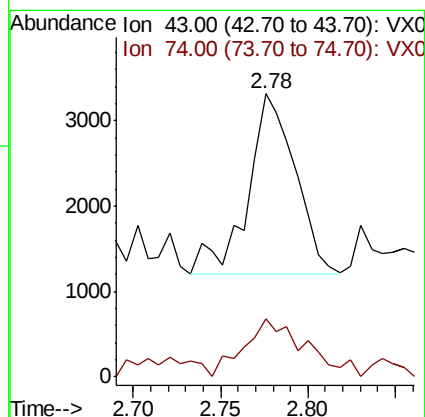
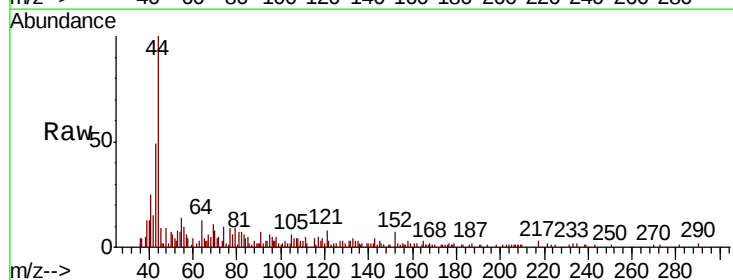
Instrument :
MSVOA_X
ClientSampled :
MH-G

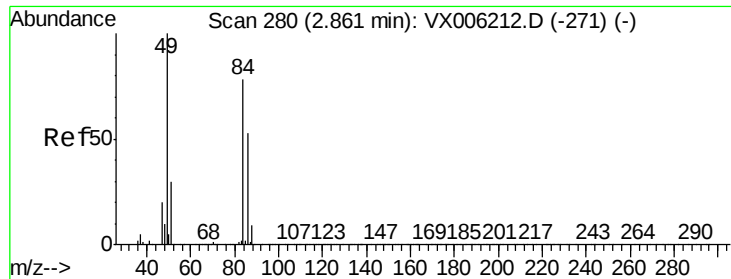
Tot Ion: 43 Resp: 13101
Ion Ratio Lower Upper
43 100
58 25.9 24.0 36.0



#18
Methyl Acetate
Concen: 0.277 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

Tgt Ion: 43 Resp: 4015
Ion Ratio Lower Upper
43 100
74 41.7 17.9 26.9#

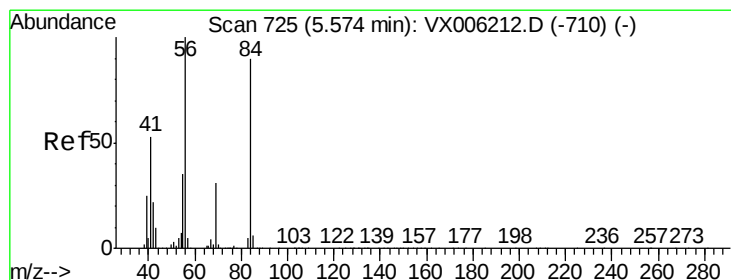
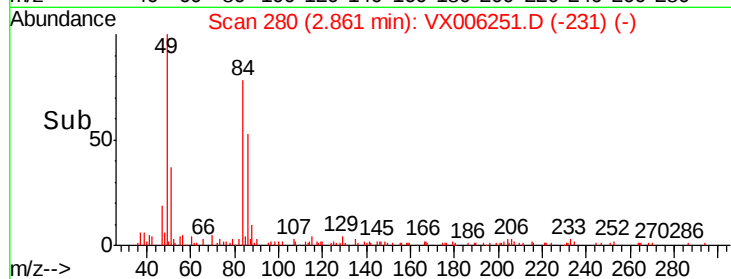
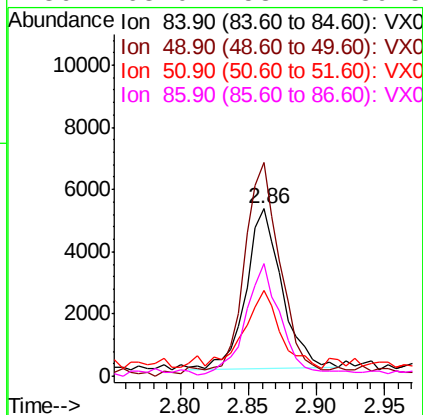
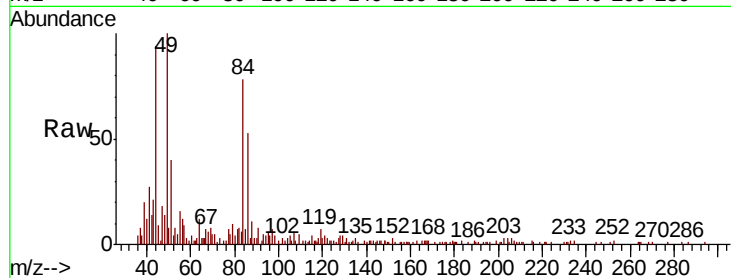




#20
Methvlene Chloride
Concen: 1.029 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

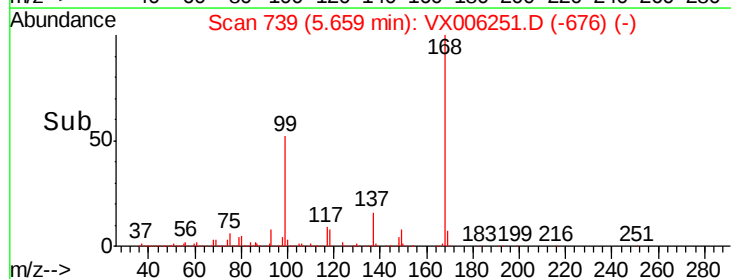
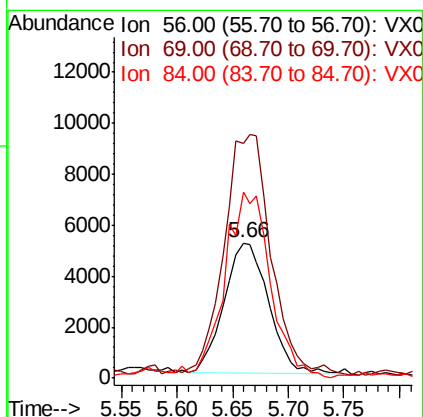
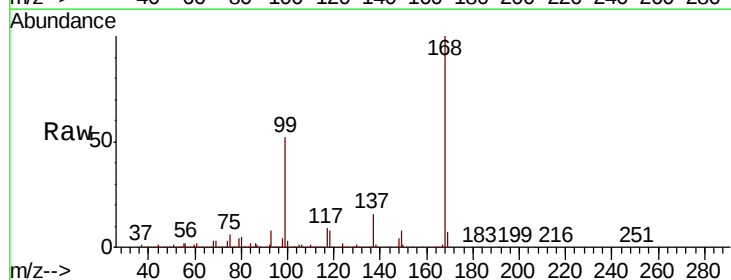
Instrument :
MSVOA_X
ClientSampled :
MH-G

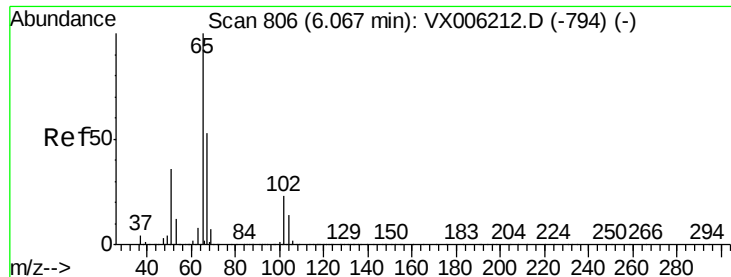
Tot Ion:	84	Resp:	9478
Ion	Ratio	Lower	Upper
84	100		
49	128.9	102.2	153.4
51	46.2	31.1	46.7
86	68.0	53.7	80.5



#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

Tgt Ion:	56	Resp:	14090
Ion	Ratio	Lower	Upper
56	100		
69	177.1	24.5	36.7#
84	141.7	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 48.266 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

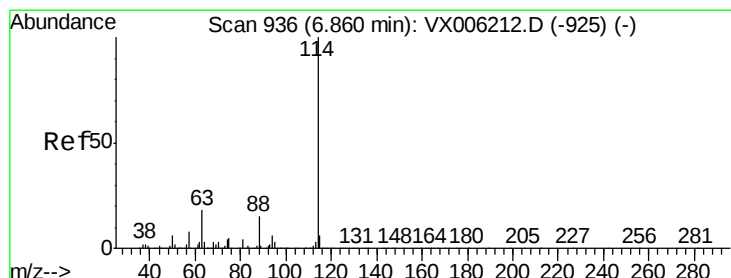
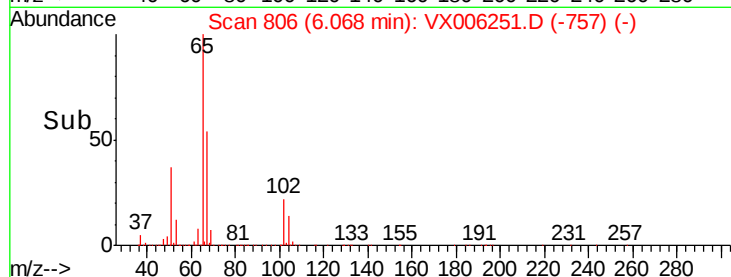
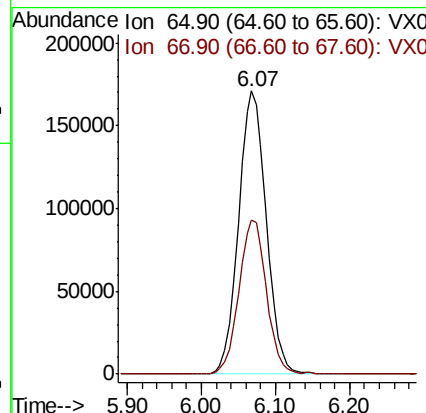
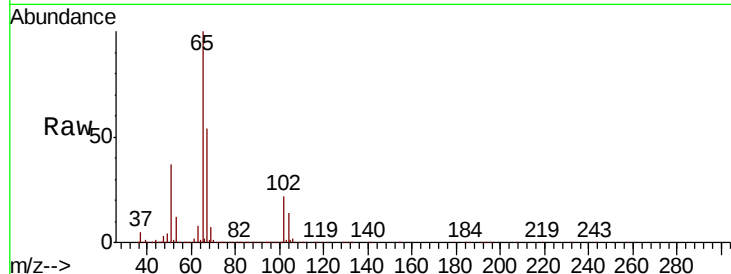
MH-G

Tot Ion: 65 Resp: 445220

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: VX006251.D

Acq: 03 Dec 2018 14:17

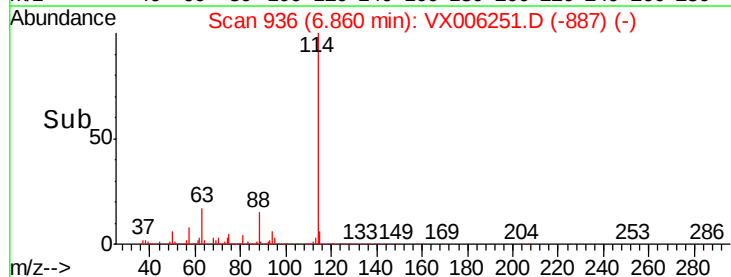
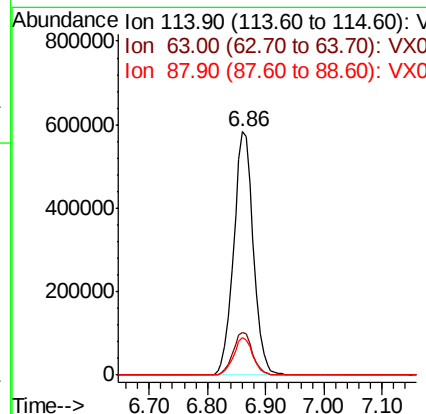
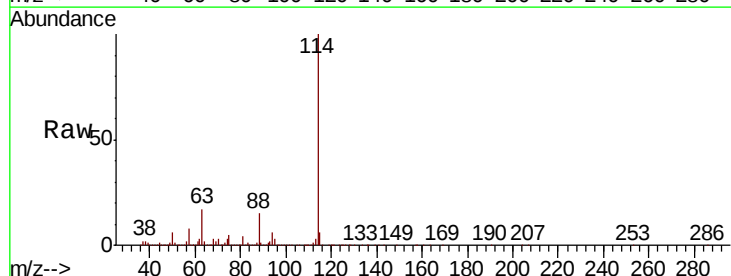
Tgt Ion: 114 Resp: 1366854

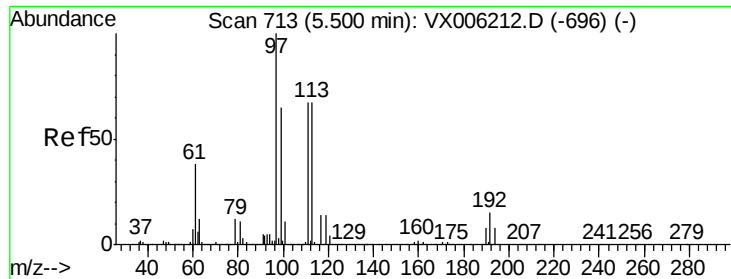
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.227 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

MH-G

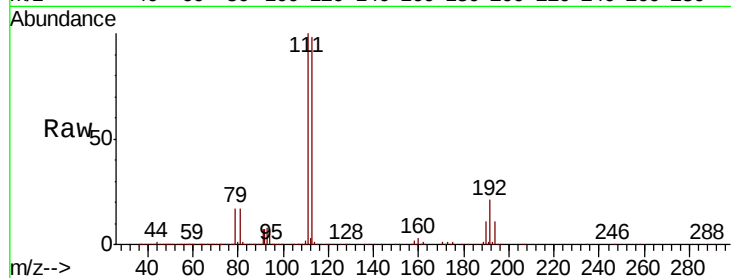
Tot Ion:113 Resp: 435648

Ion Ratio Lower Upper

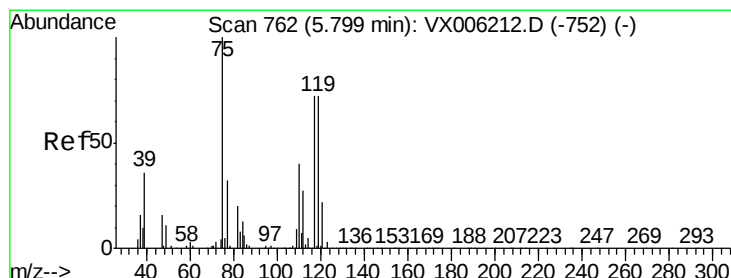
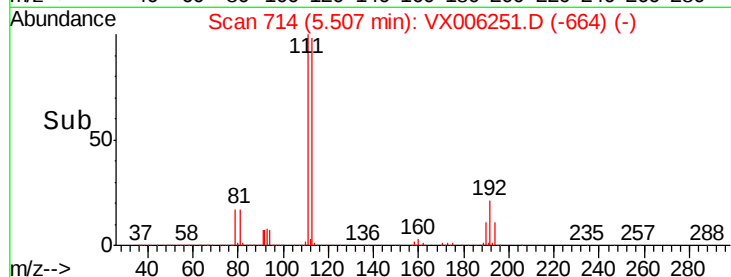
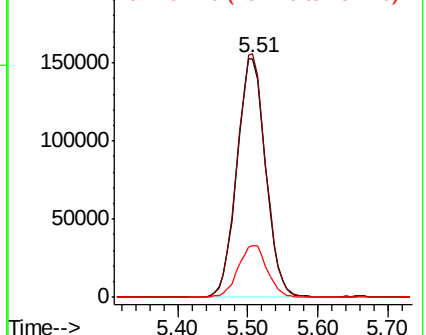
113 100

111 101.2 81.1 121.7

192 22.1 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: 4.724 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

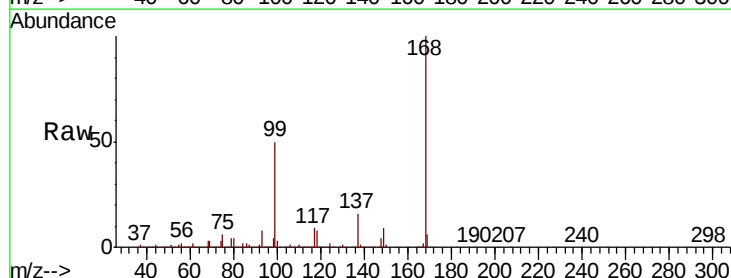
Tgt Ion: 75 Resp: 54372

Ion Ratio Lower Upper

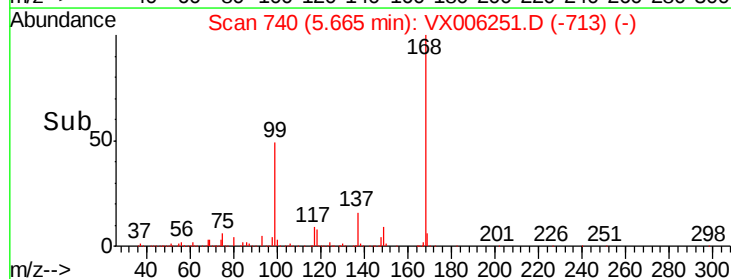
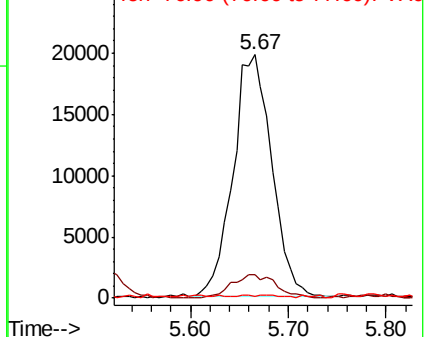
75 100

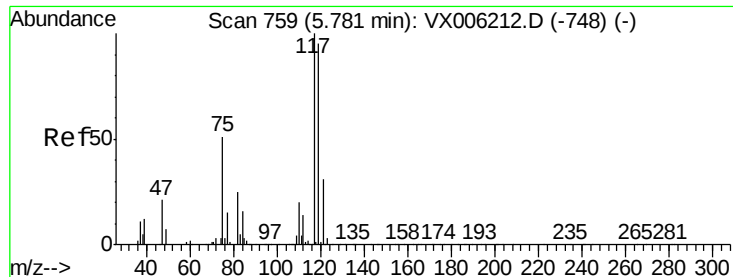
110 11.2 20.4 61.3#

77 0.8 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: 5.972 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

MH-G

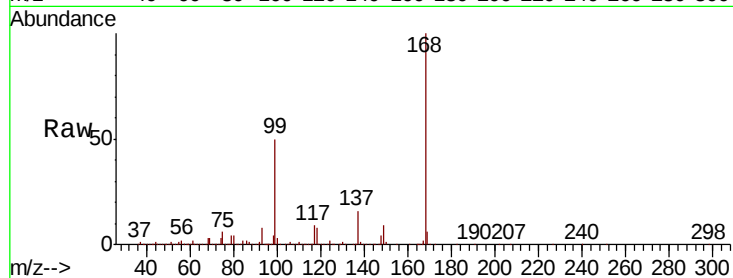
Tot Ion:117 Resp: 80870

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

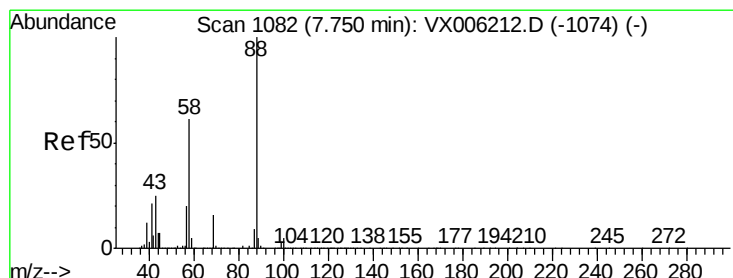
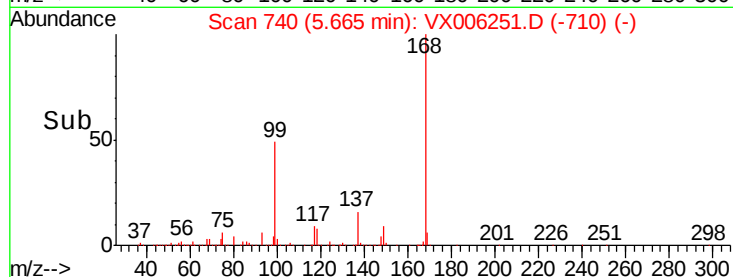
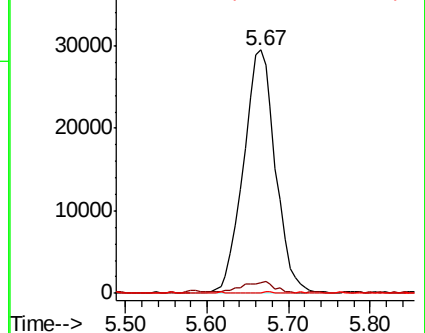
121 0.2 24.6 37.0#



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



#49

1,4-Dioxane

Concen: 0.206 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

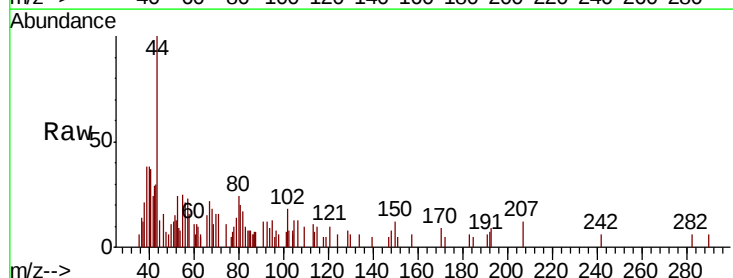
Tgt Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 266.0 23.2 34.8#

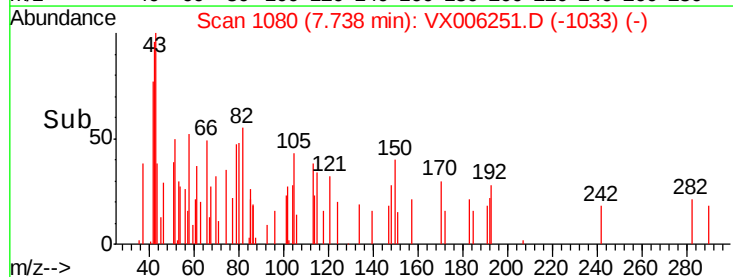
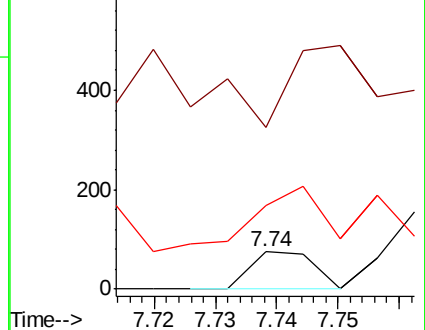
58 296.2 51.4 77.0#



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

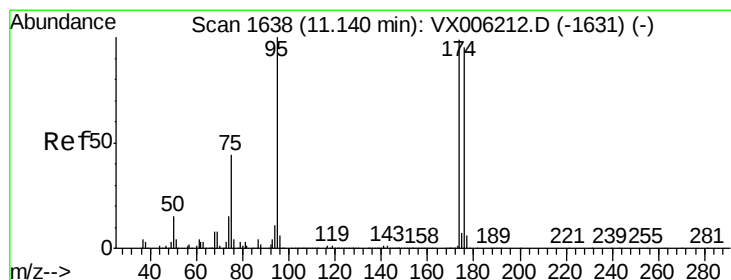
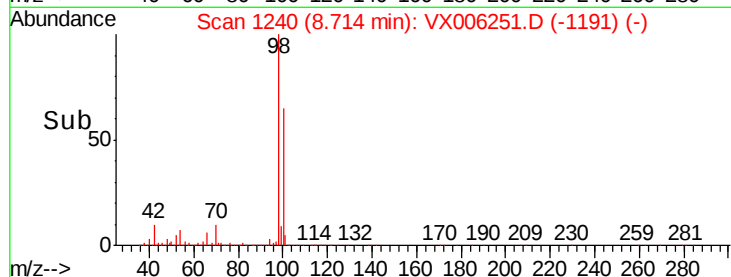
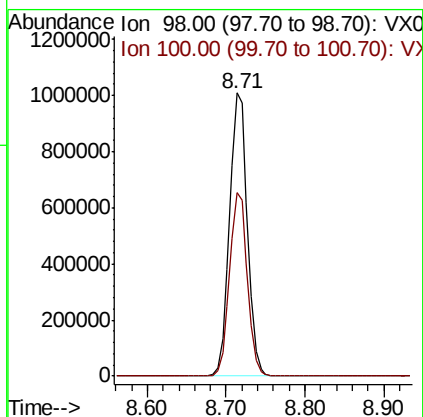
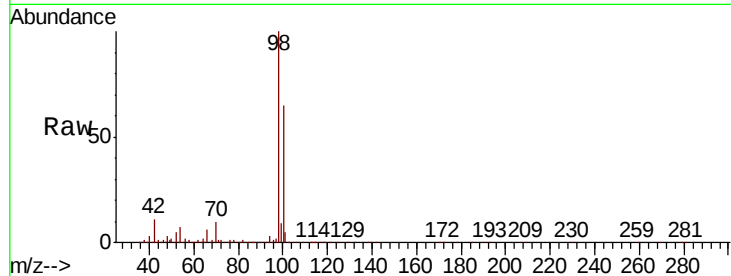




#50
Toluene-d8
Concen: 49.129 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

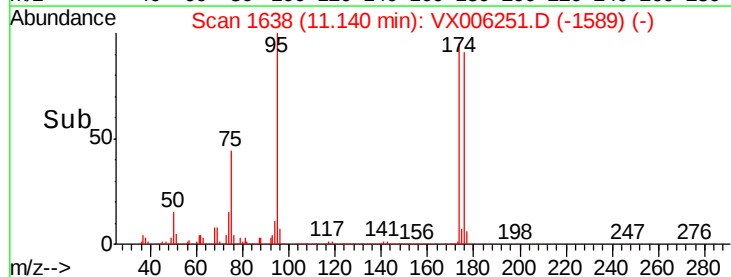
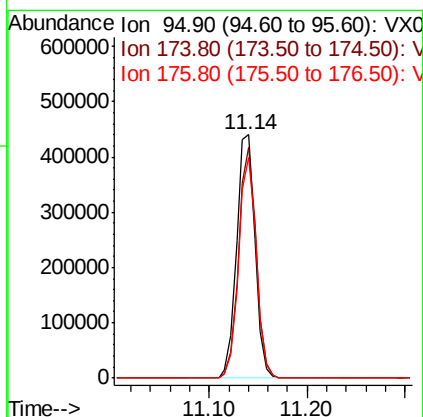
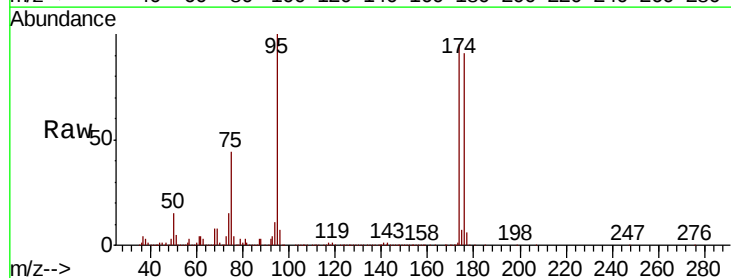
Instrument :
MSVOA_X
ClientSampleId :
MH-G

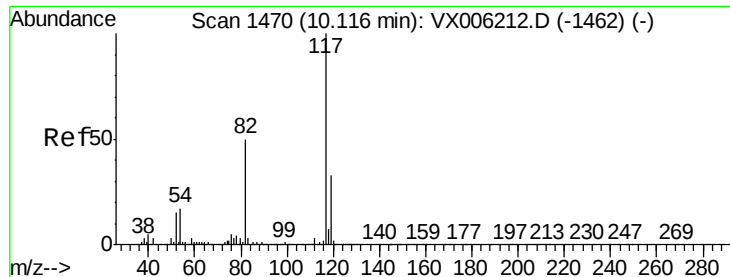
Tot Ion: 98 Resp: 1581502
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.524 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

Tgt Ion: 95 Resp: 576485
Ion Ratio Lower Upper
95 100
174 89.9 0.0 187.0
176 86.6 0.0 181.8

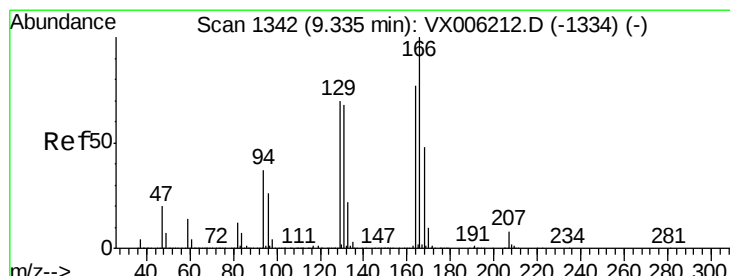
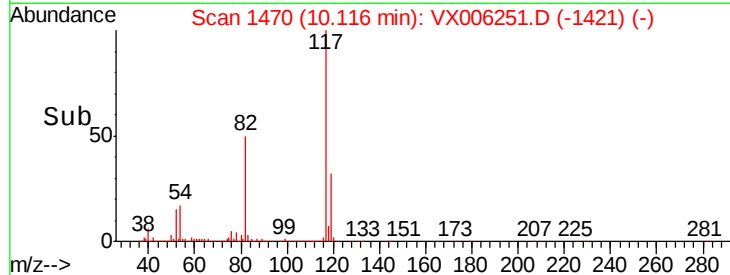
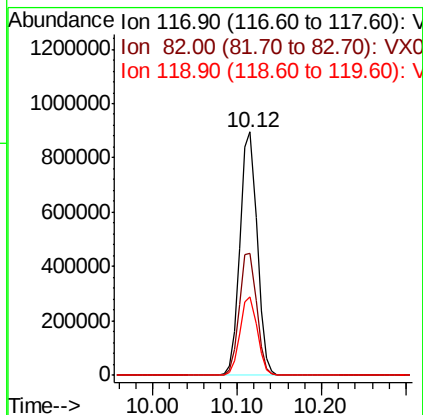
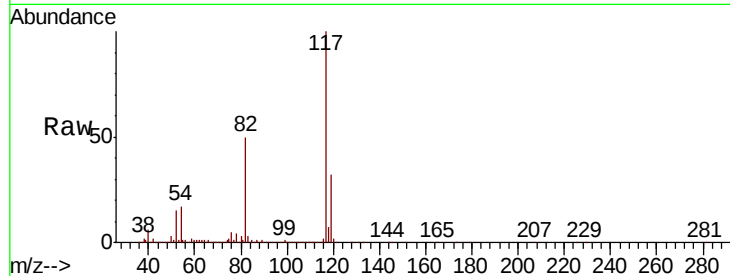




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

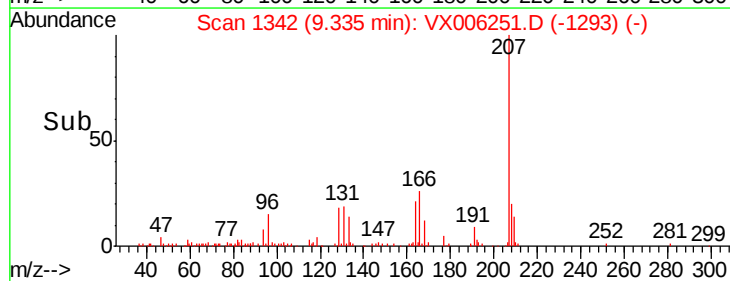
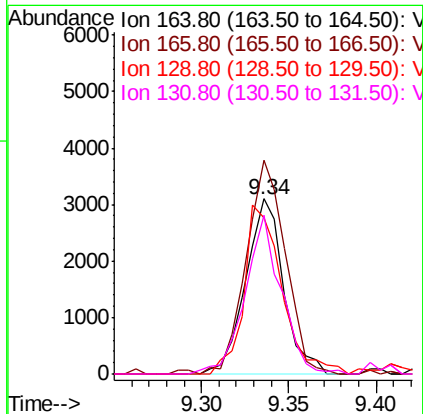
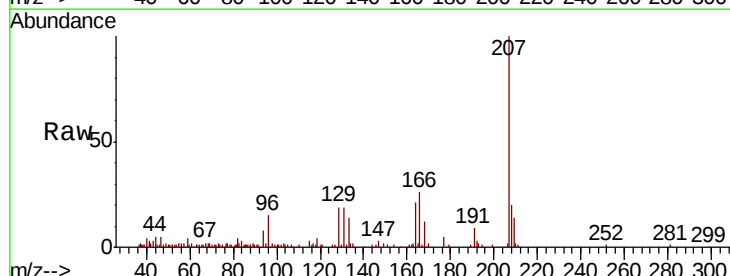
Instrument :
MSVOA_X
ClientSampleId :
MH-G

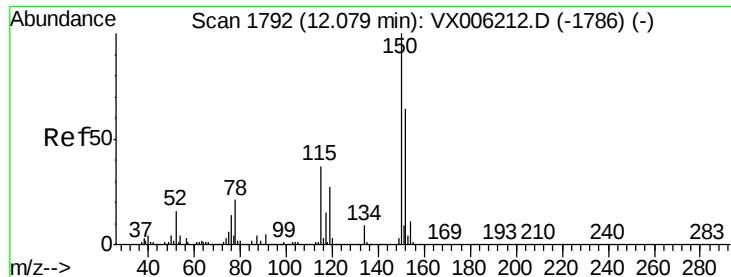
Tot Ion:117 Resp: 1213596
Ion Ratio Lower Upper
117 100
82 50.3 39.6 59.4
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 0.510 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006251.D
Acq: 03 Dec 2018 14:17

Tgt Ion:164 Resp: 4659
Ion Ratio Lower Upper
164 100
166 122.0 104.2 156.2
129 89.0 72.6 108.8
131 91.0 70.3 105.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

MH-G

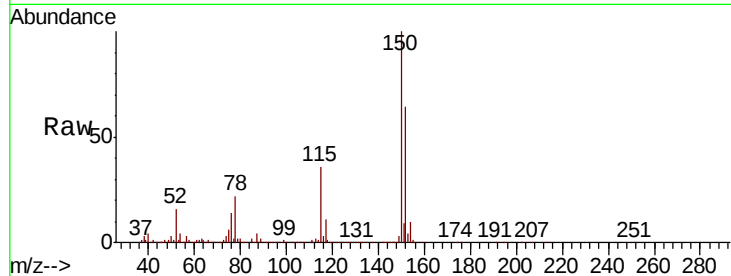
Tot Ion:152 Resp: 582579

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

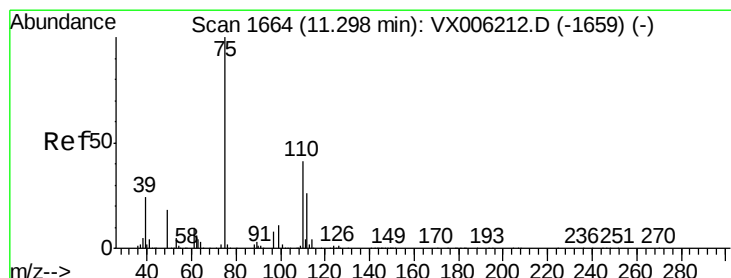
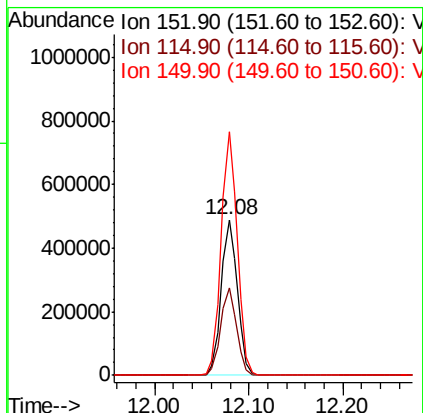
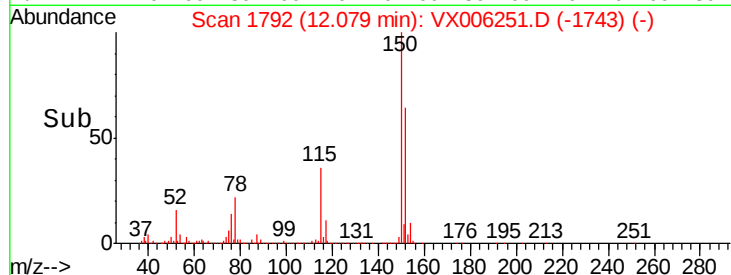
150 156.8 0.0 345.8



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: 23.029 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006251.D

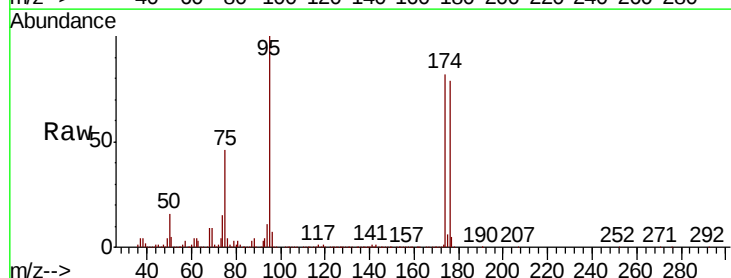
Acq: 03 Dec 2018 14:17

Tgt Ion: 75 Resp: 258957

Ion Ratio Lower Upper

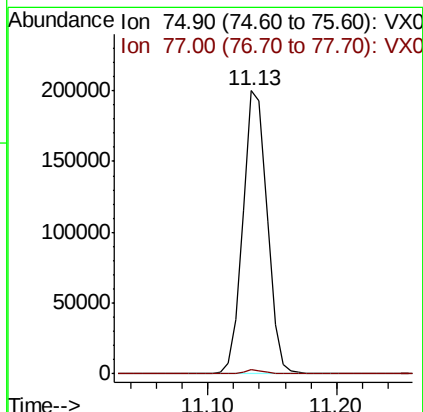
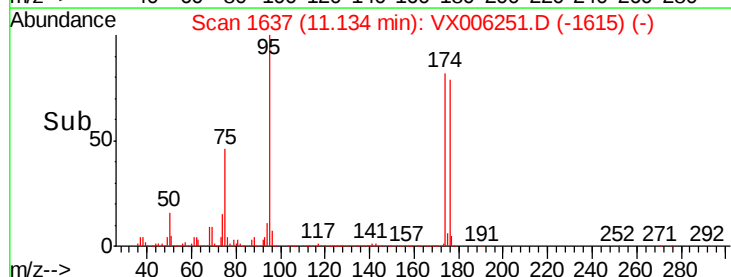
75 100

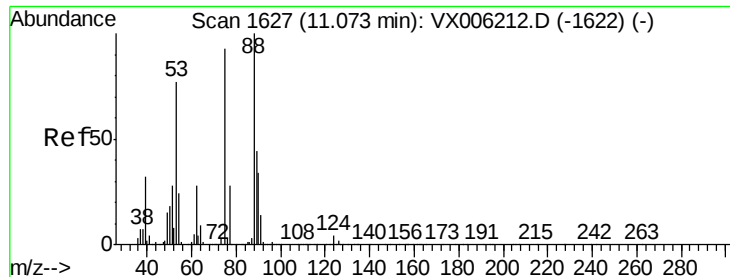
77 1.5 19.9 59.7#



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: 54.043 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

MH-G

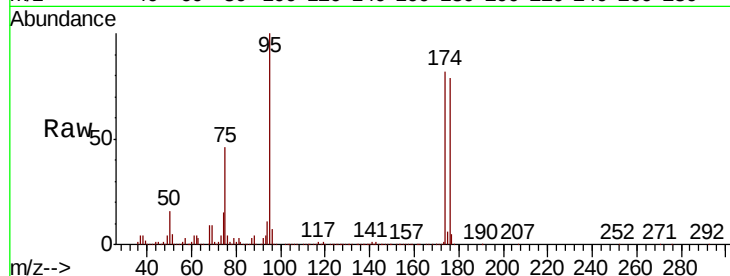
Tot Ion: 75 Resp: 258957

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

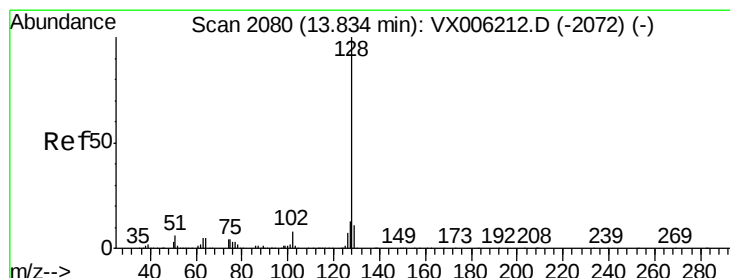
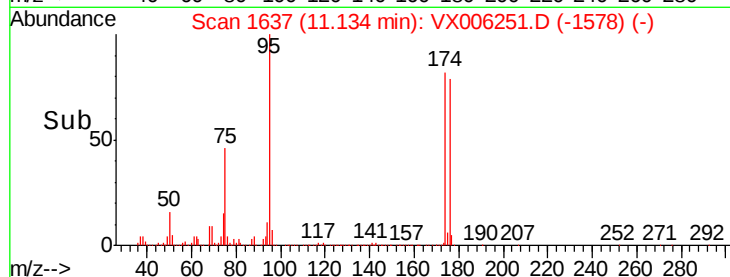
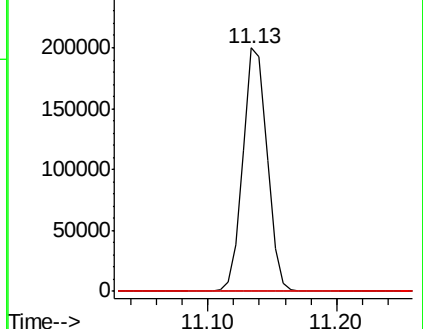
89 0.1 44.2 66.4#



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



#95

Naphthalene

Concen: 0.856 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

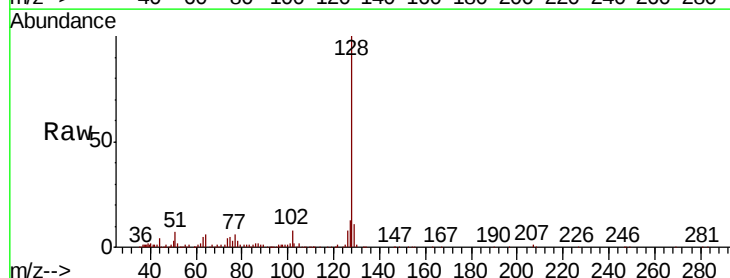
Tgt Ion: 128 Resp: 38305

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 11.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

