

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060519\
 Data File : VX010086.D
 Acq On : 05 Jun 2019 18:48
 Operator : JC/SP
 Sample : K3190-15 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 06:34:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116820	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	
35) Dibromofluoromethane	5.50	113	87274	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	362037	49.75	ug/l	0.00
Spiked Amount			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	122354	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	

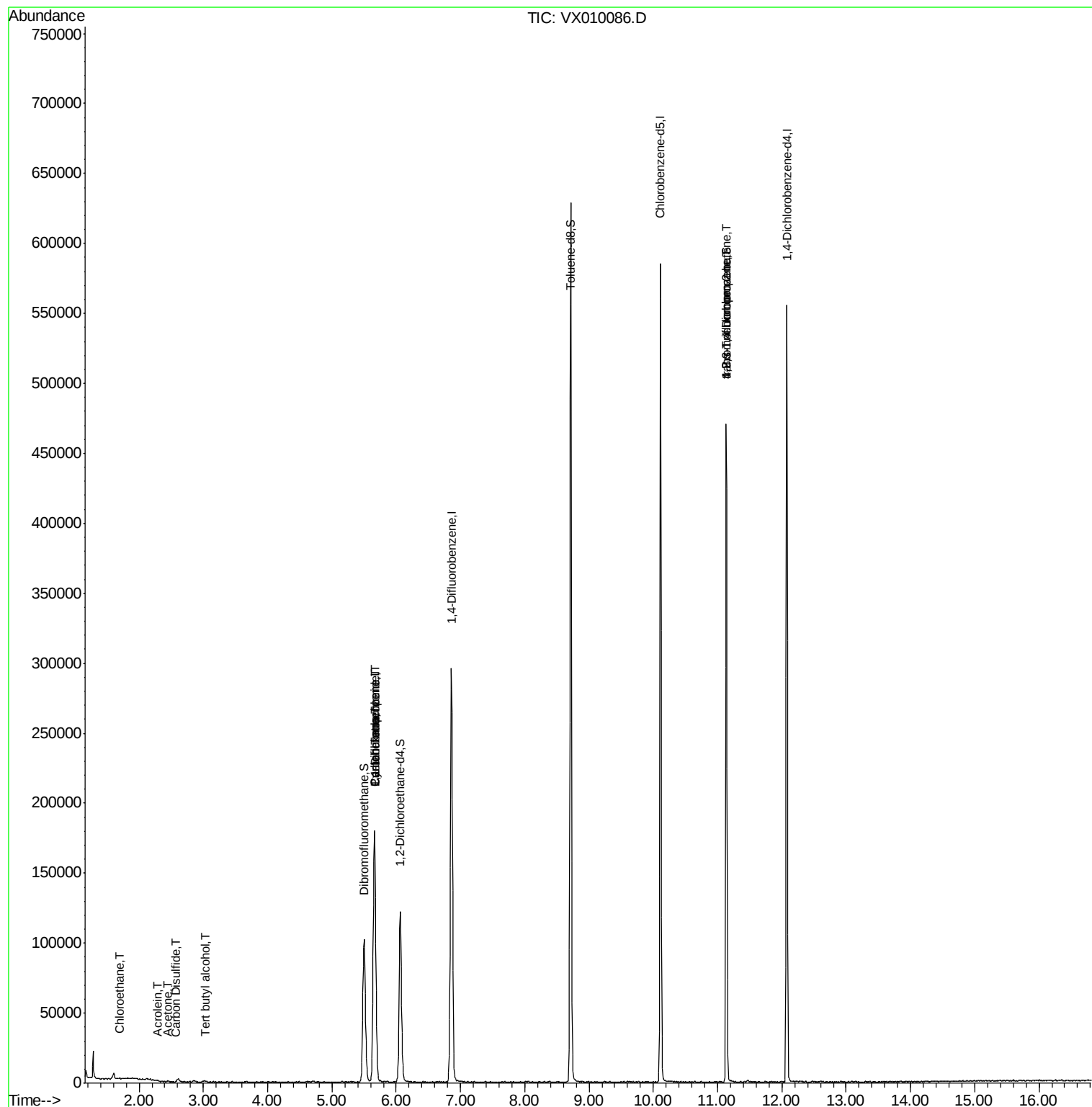
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.70	64	726	0.445	ug/l #	43
11) Tert butyl alcohol	3.03	59	578	0.929	ug/l #	92
13) Acrolein	2.29	56	84	21.271	ug/l #	43
16) Acetone	2.45	43	903	0.618	ug/l #	67
17) Carbon Disulfide	2.57	76	326	0.444	ug/l #	76
31) Cyclohexane	5.66	56	3834	0.997	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13338	4.612	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16410	6.566	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	62408	22.828	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62408	56.481	ug/l #	10

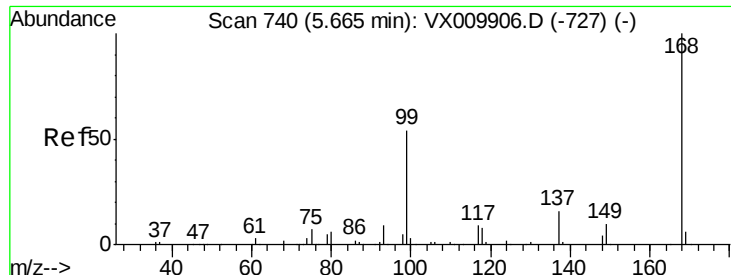
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060519\
Data File : VX010086.D
Acq On : 05 Jun 2019 18:48
Operator : JC/SP
Sample : K3190-15 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 06 06:34:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
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: VX010086.D

Acq: 05 Jun 2019 18:48

Instrument :

MSVOA_X

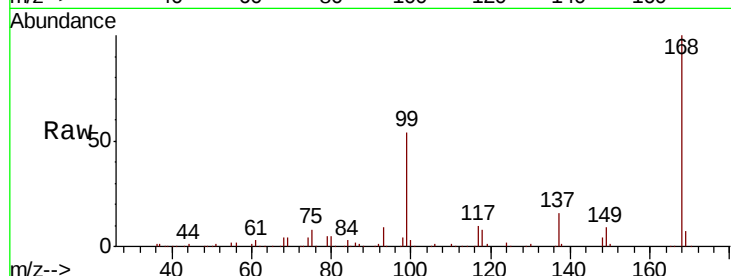
ClientSampled :

Tot Ion:168 Resp: 178970

Ion Ratio Lower Upper

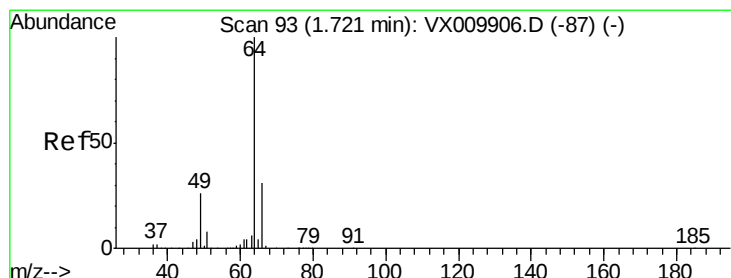
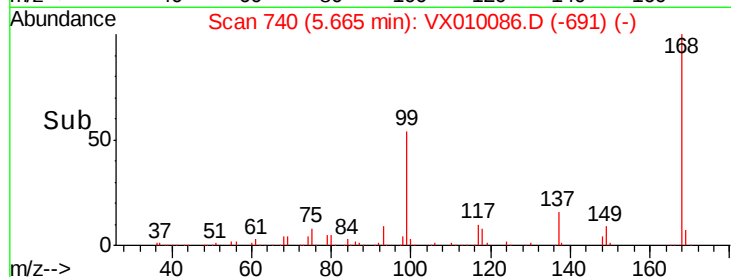
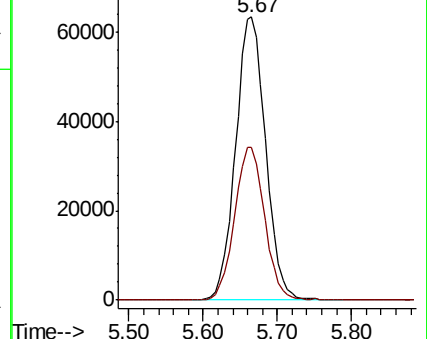
168 100

99 54.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.445 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX010086.D

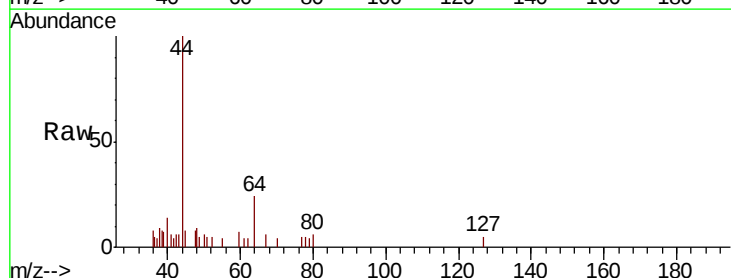
Acq: 05 Jun 2019 18:48

Tgt Ion: 64 Resp: 726

Ion Ratio Lower Upper

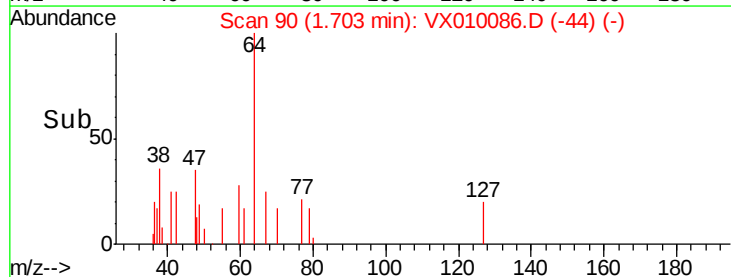
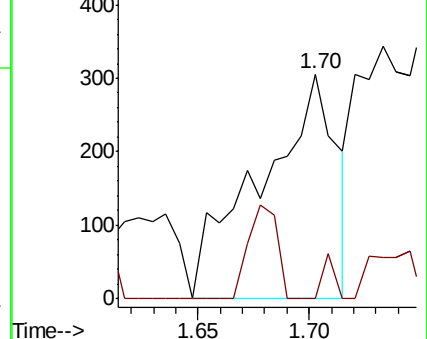
64 100

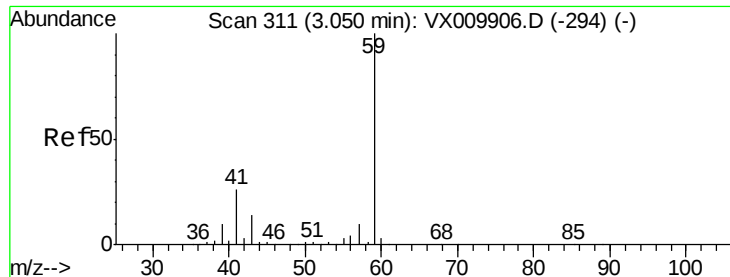
66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



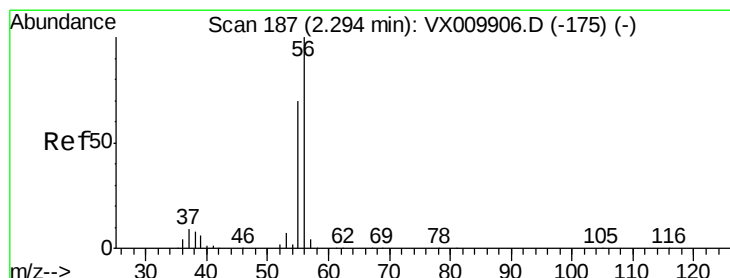
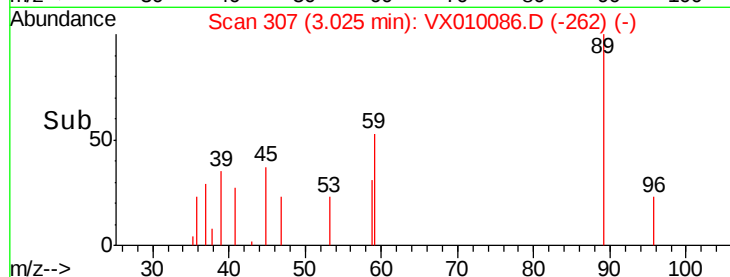
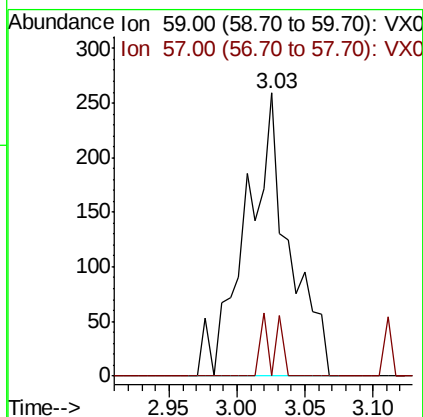
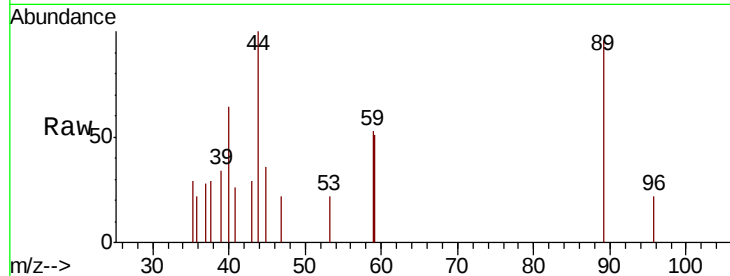


#11

Tert butyl alcohol
 Concen: 0.929 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX010086.D
 Acq: 05 Jun 2019 18:48

Instrument :
 MSVOA_X
 ClientSampled :

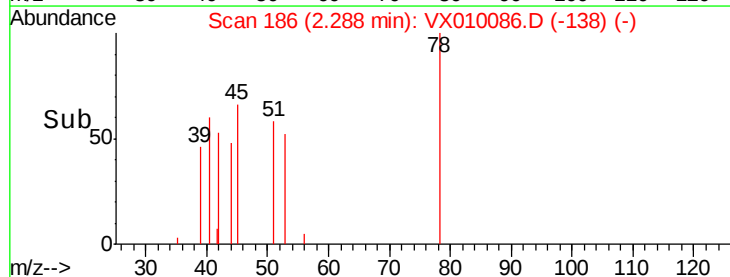
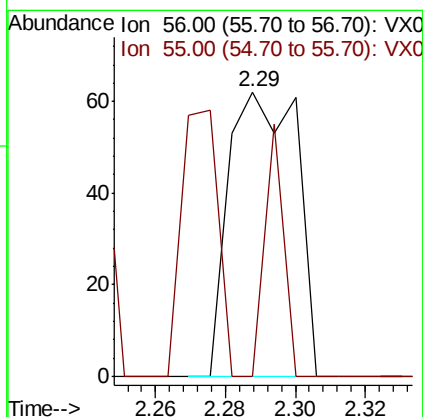
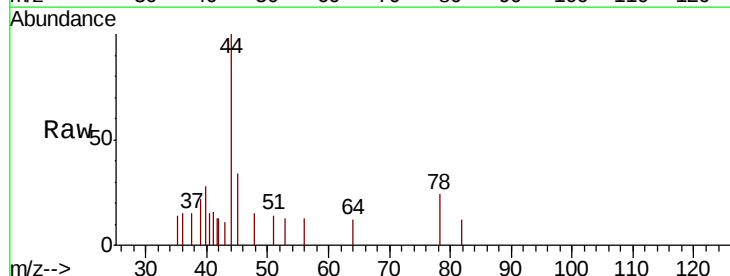
Tot Ion: 59 Resp: 578
 Ion Ratio Lower Upper
 59 100
 57 7.1 8.2 12.2#

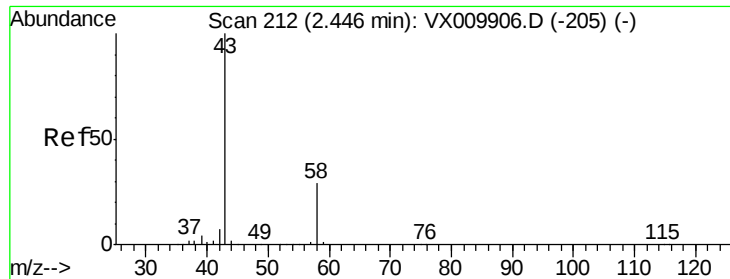


#13

Acrolein
 Concen: 21.271 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX010086.D
 Acq: 05 Jun 2019 18:48

Tgt Ion: 56 Resp: 84
 Ion Ratio Lower Upper
 56 100
 55 23.8 57.0 85.4#





#16

Acetone

Concen: 0.618 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010086.D

Acq: 05 Jun 2019 18:48

Instrument :

MSVOA_X

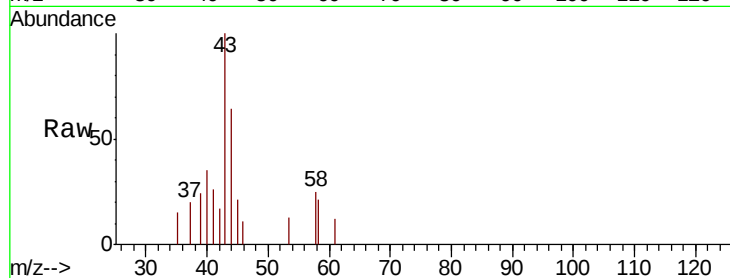
ClientSampled :

Tot Ion: 43.00 Resp: 903

Ion Ratio Lower Upper

43 100

58 46.8 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

400

300

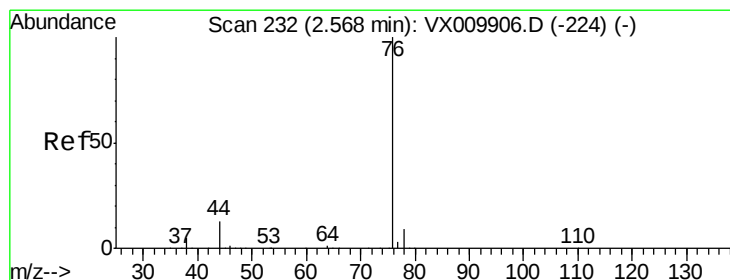
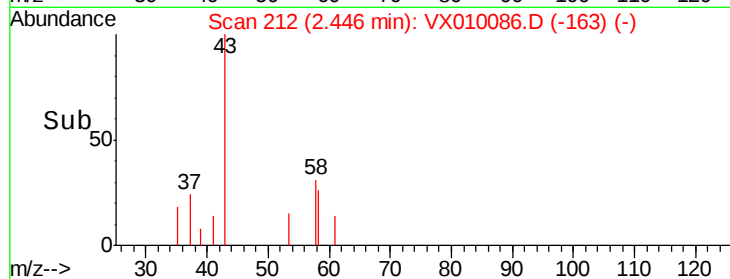
200

100

0

2.40 2.45 2.50

Time-->



#17

Carbon Disulfide

Concen: 0.444 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010086.D

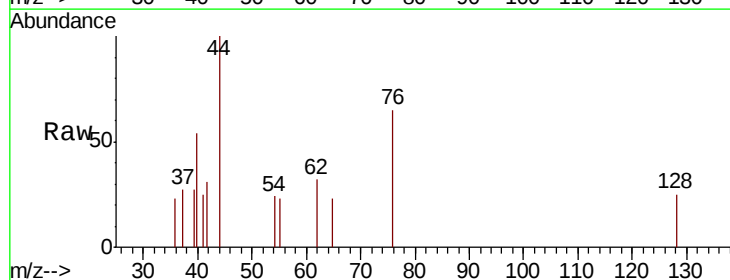
Acq: 05 Jun 2019 18:48

Tgt Ion: 76 Resp: 326

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150

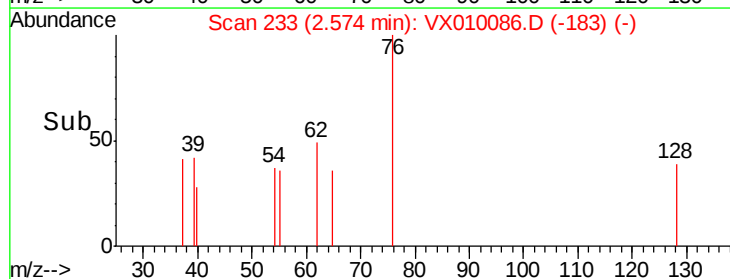
100

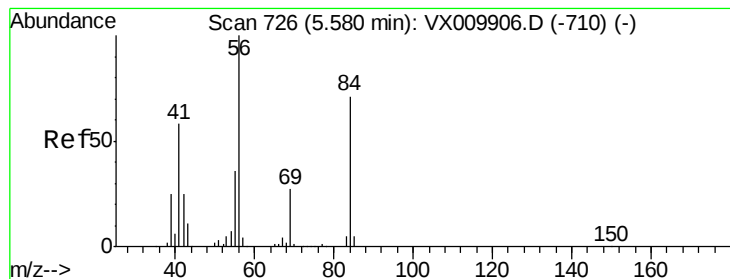
50

0

2.55 2.60

Time-->





#31

Cyclohexane

Concen: 0.997 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX010086.D

Acq: 05 Jun 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

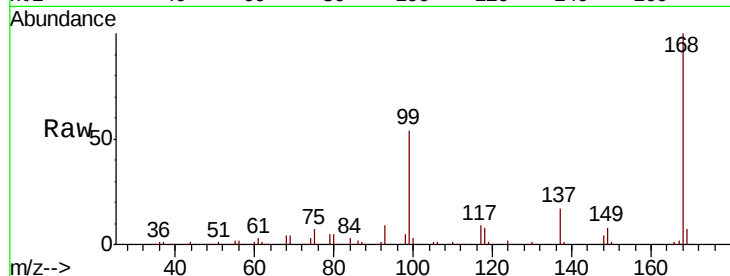
Tot Ion: 56 Resp: 3834

Ion Ratio Lower Upper

56 100

69 173.7 21.6 32.4#

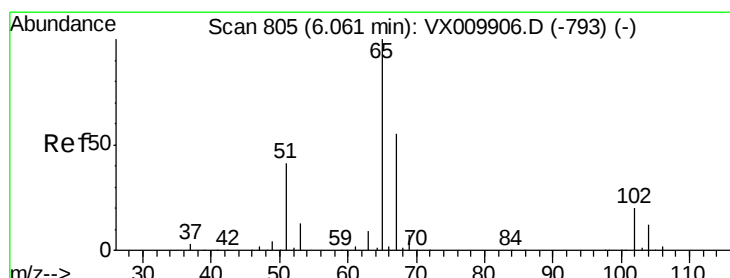
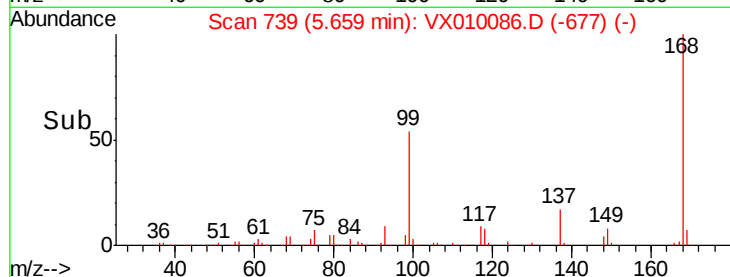
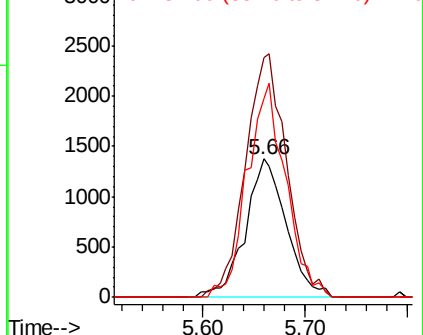
84 143.6 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.209 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010086.D

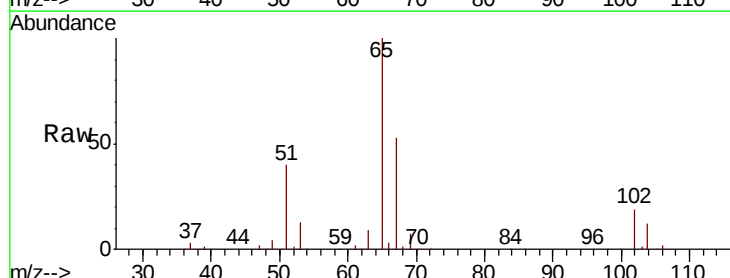
Acq: 05 Jun 2019 18:48

Tgt Ion: 65 Resp: 116820

Ion Ratio Lower Upper

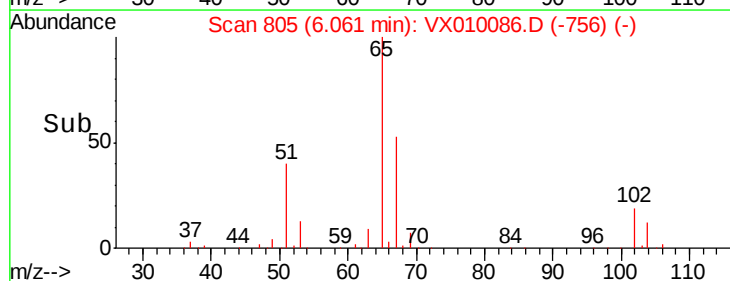
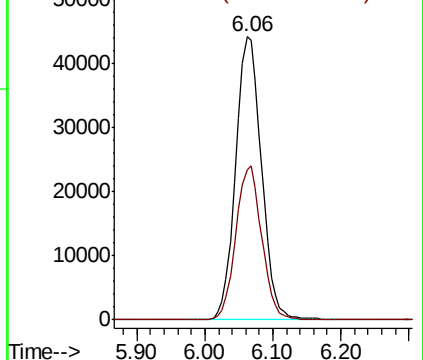
65 100

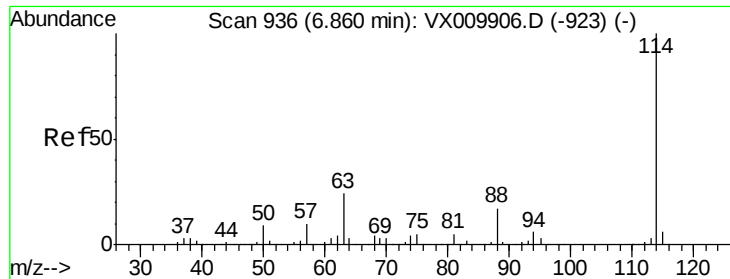
67 54.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

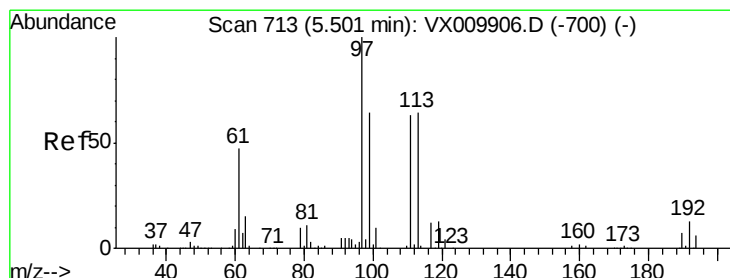
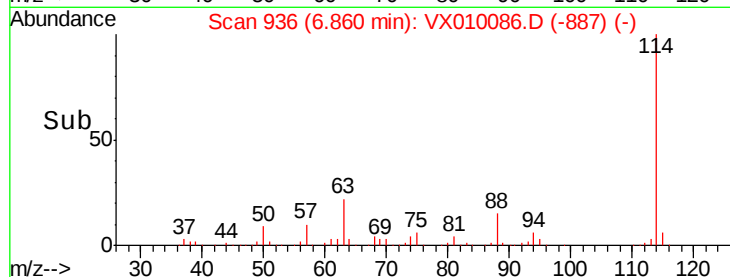
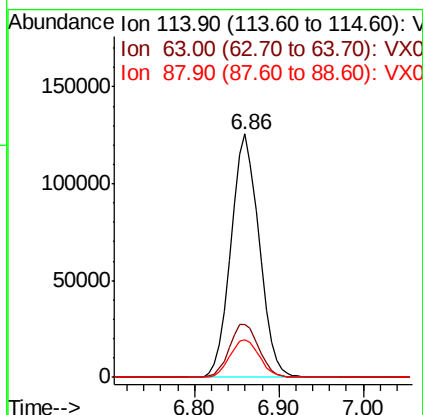
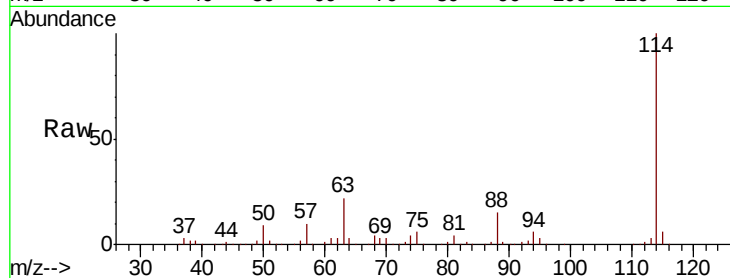




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010086.D
Acq: 05 Jun 2019 18:48

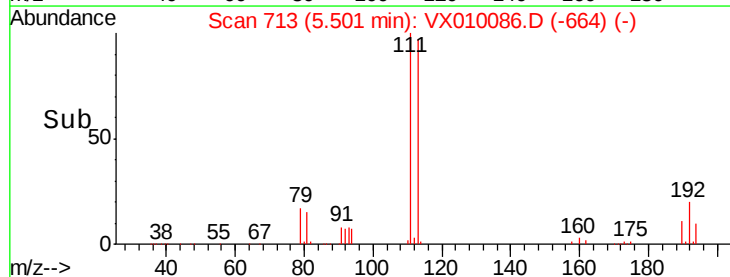
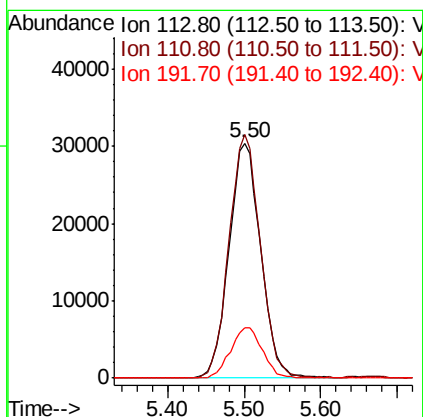
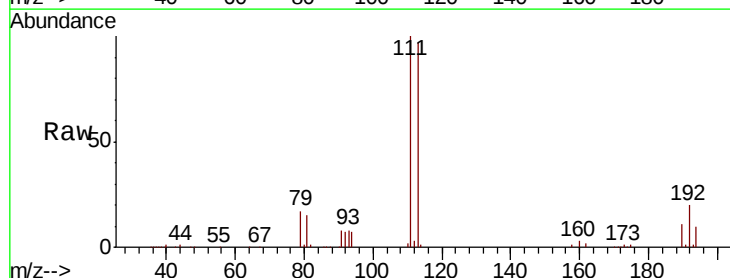
Instrument :
MSVOA_X
ClientSampleId :

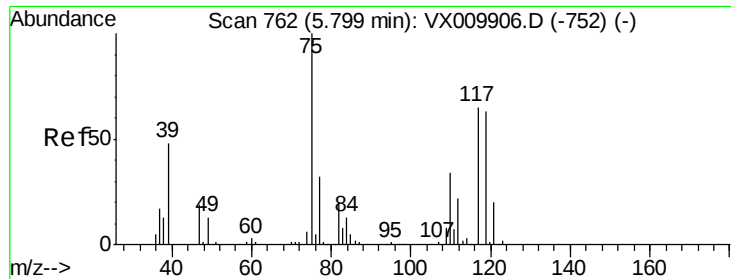
Tot Ion:114 Resp: 285036
Ion Ratio Lower Upper
114 100
63 21.9 0.0 47.4
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.701 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010086.D
Acq: 05 Jun 2019 18:48

Tgt Ion:113 Resp: 87274
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 21.7 17.1 25.7





#36

1,1-Dichloropropene

Concen: 4.612 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010086.D

Acq: 05 Jun 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

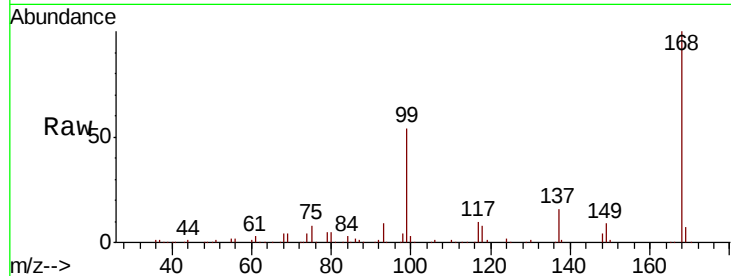
Tot Ion: 75 Resp: 13338

Ion Ratio Lower Upper

75 100

110 9.9 16.7 50.1#

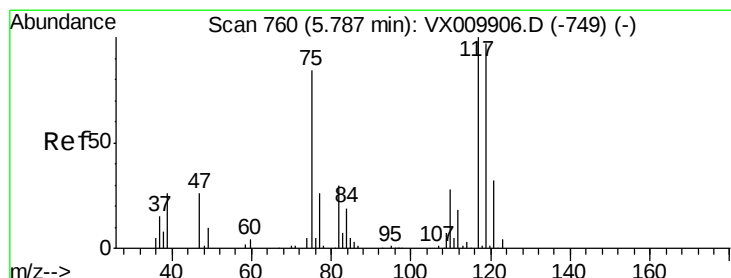
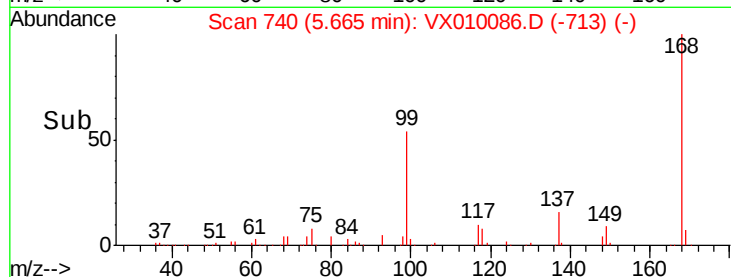
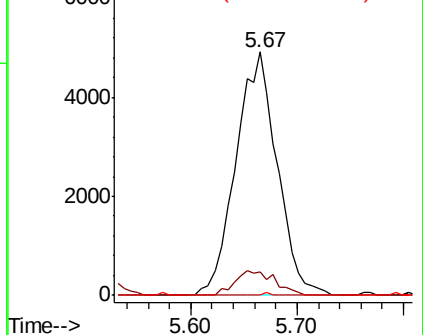
77 0.1 25.0 37.4#



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: 6.566 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010086.D

Acq: 05 Jun 2019 18:48

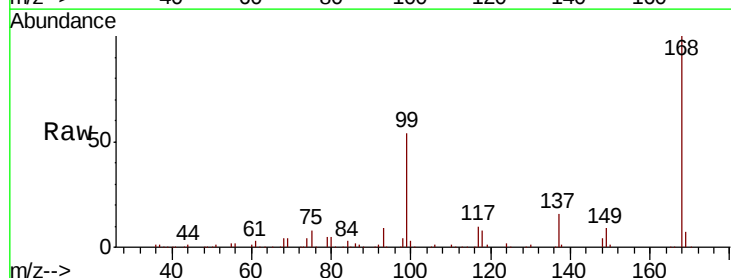
Tgt Ion: 117 Resp: 16410

Ion Ratio Lower Upper

117 100

119 5.3 77.3 115.9#

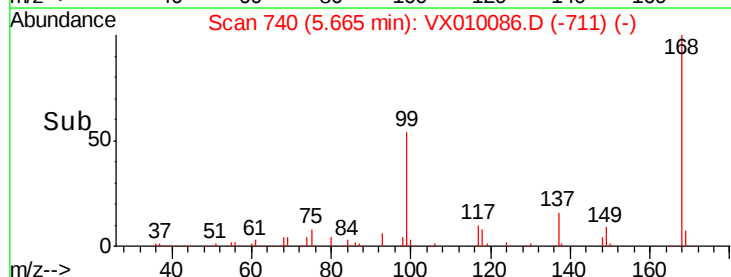
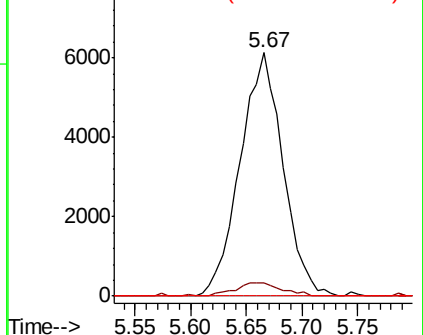
121 0.0 25.4 38.0#

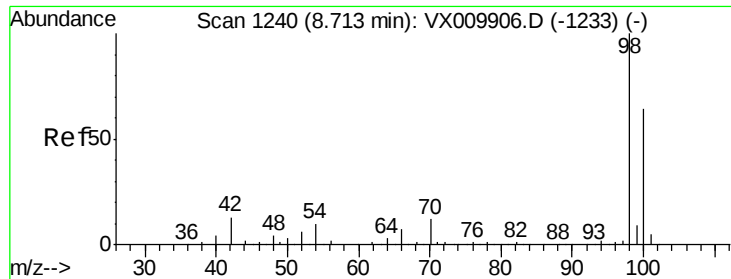


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

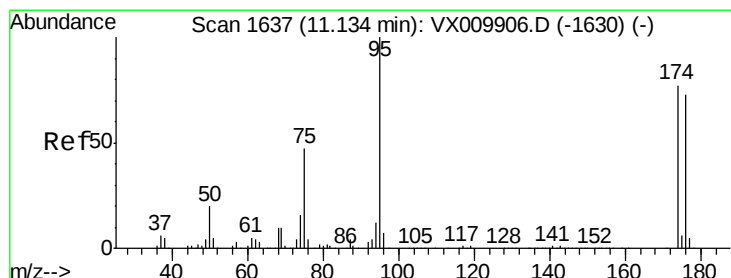
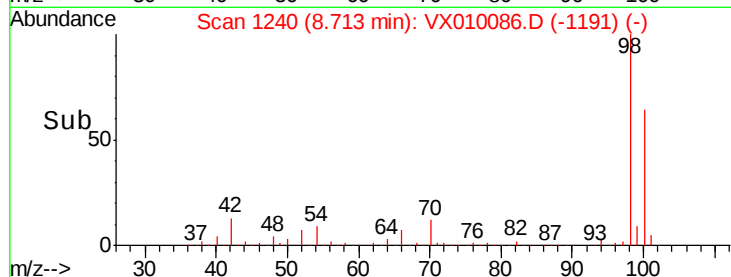
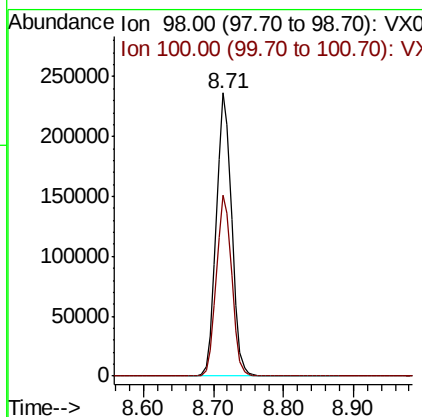
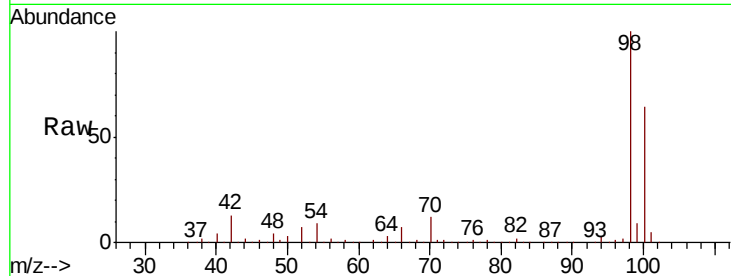




#50
Toluene-d8
Concen: 49.751 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010086.D
Acq: 05 Jun 2019 18:48

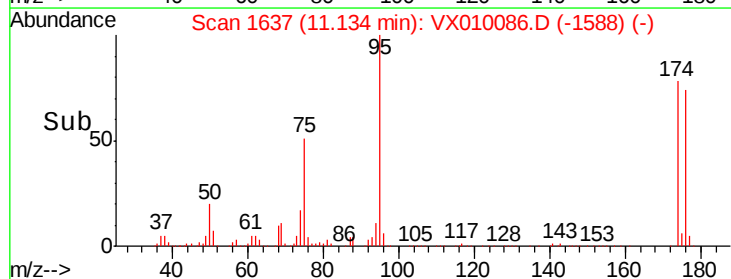
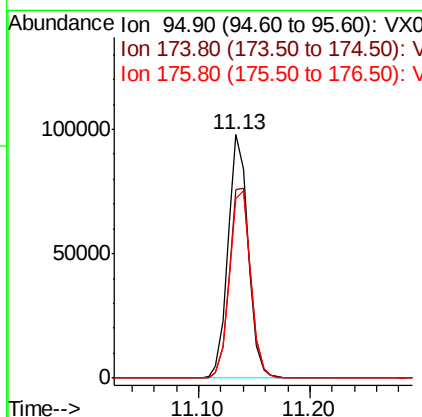
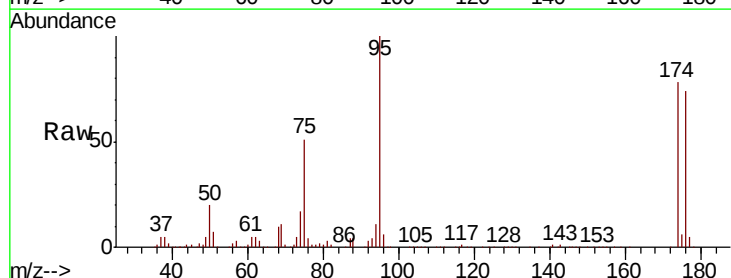
Instrument :
MSVOA_X
ClientSampleId :

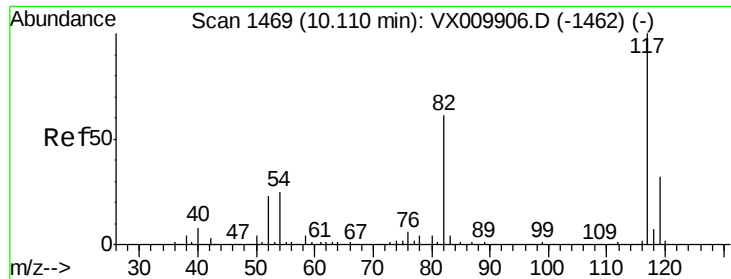
Tot Ion: 98 Resp: 362037
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.811 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010086.D
Acq: 05 Jun 2019 18:48

Tgt Ion: 95 Resp: 122354
Ion Ratio Lower Upper
95 100
174 82.7 0.0 160.4
176 80.8 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX010086.D

Acq: 05 Jun 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

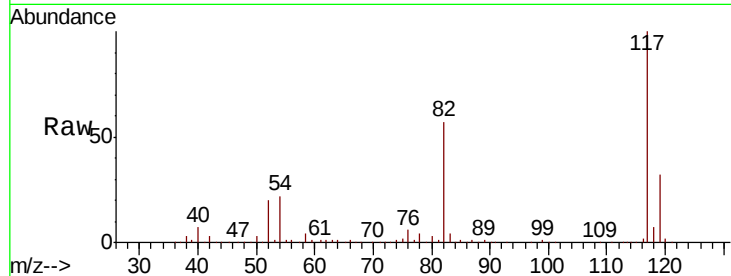
Tot Ion:117 Resp: 257507

Ion Ratio Lower Upper

117 100

82 57.3 49.2 73.8

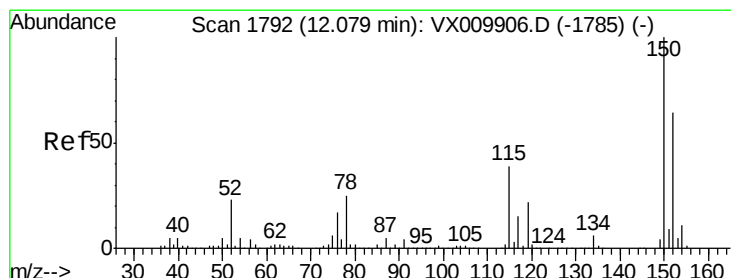
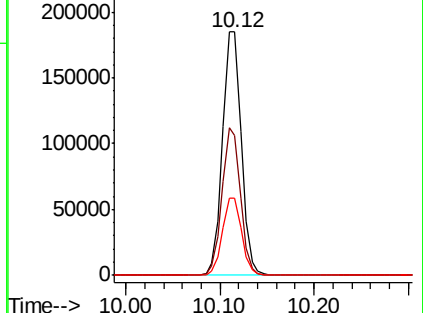
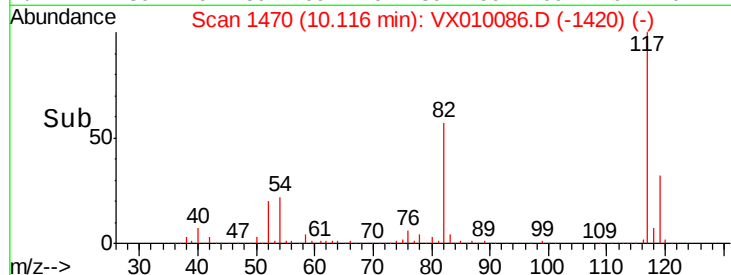
119 32.0 25.2 37.8



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: VX010086.D

Acq: 05 Jun 2019 18:48

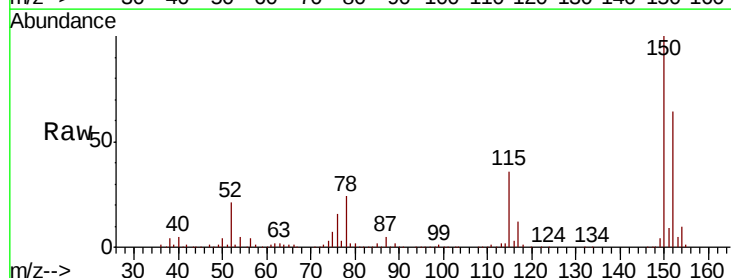
Tgt Ion:152 Resp: 114322

Ion Ratio Lower Upper

152 100

115 58.0 41.4 124.2

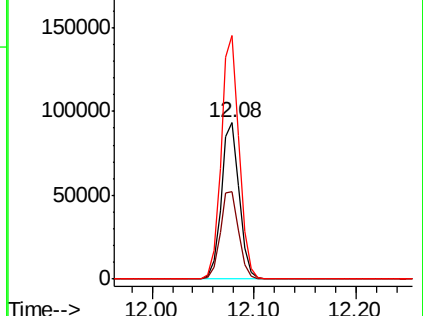
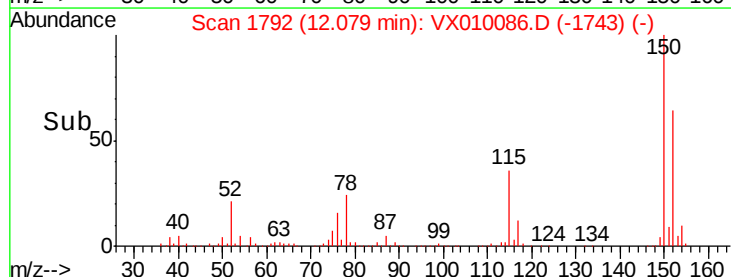
150 156.1 0.0 345.2

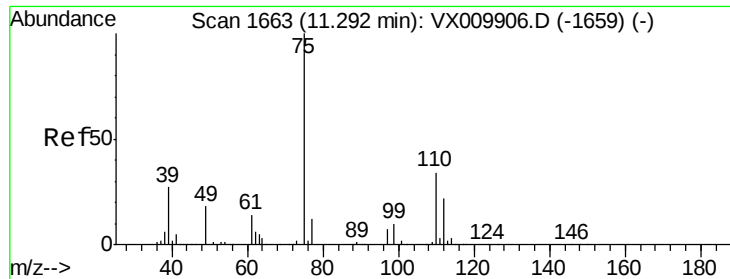


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

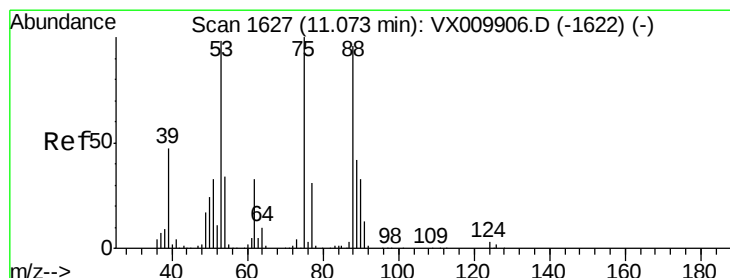
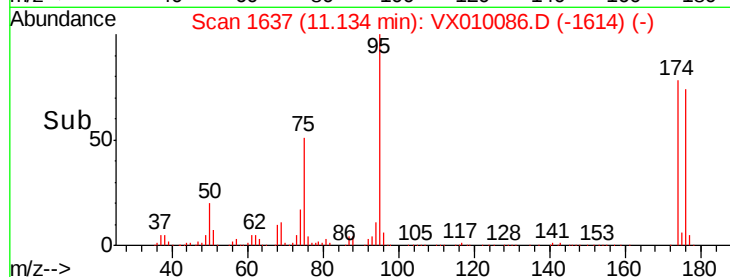
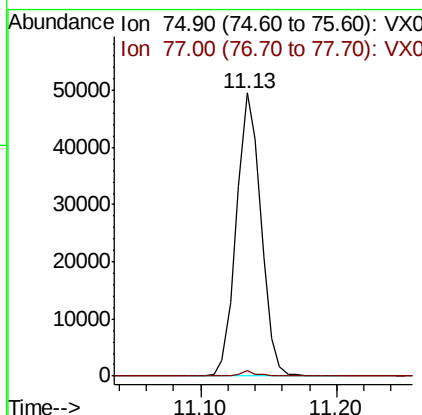
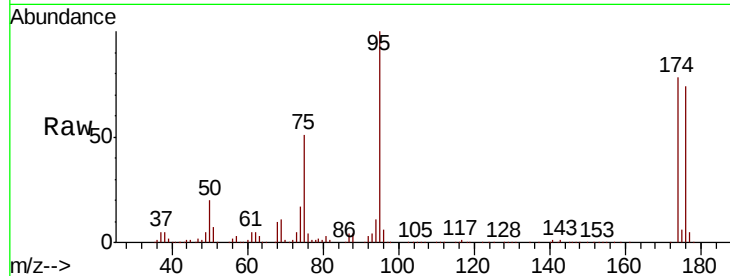




#76
 1,2,3-Trichloropropane
 Concen: 22.828 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010086.D
 Acq: 05 Jun 2019 18:48

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 62408
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.481 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010086.D
 Acq: 05 Jun 2019 18:48

Tgt Ion: 75 Resp: 62408
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 34.2 51.4#

