

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111718\
 Data File : VX006063.D
 Acq On : 17 Nov 2018 12:11
 Operator : JC/MD
 Sample : VX1117WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBL01

Quant Time: Nov 19 00:13:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	126321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	175998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	153923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98775	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	73813	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	5.51	113	63469	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	8.71	98	198121	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.14	95	67357	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

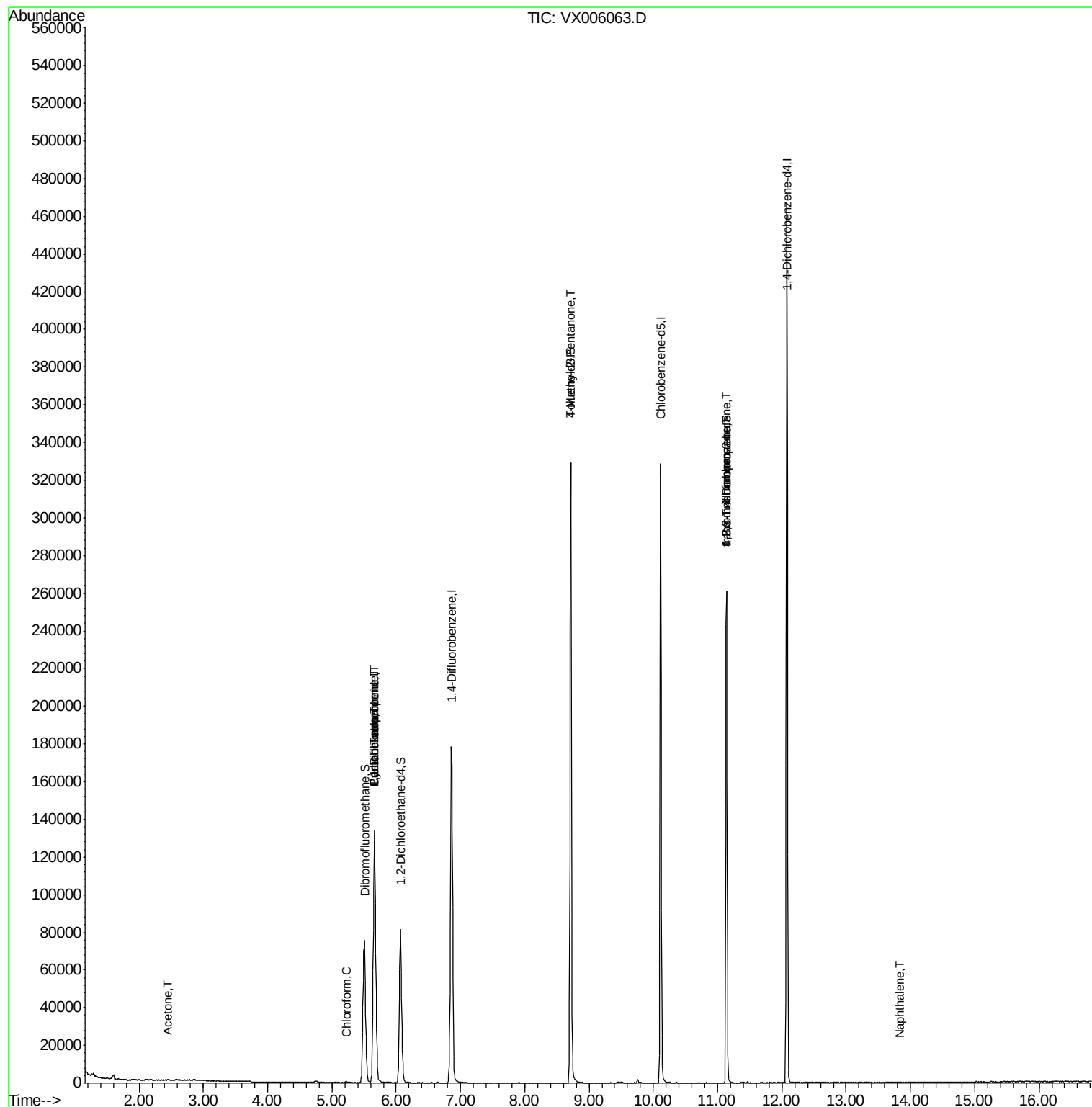
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	302	0.386	ug/l #	45
18) Methyl Acetate	2.78	43	341	Below Cal	#	55
30) Chloroform	5.21	83	688	0.306	ug/l	97
31) Cyclohexane	5.66	56	2056	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	8954	5.277	ug/l #	49
38) Carbon Tetrachloride	5.67	117	11844	6.973	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	888	0.436	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	32724	16.270	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	32724	51.856	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	126	Below Cal		83
95) Naphthalene	13.83	128	230	1.209	ug/l #	69

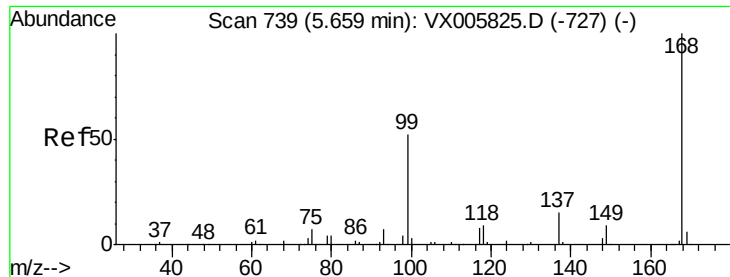
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111718\
Data File : VX006063.D
Acq On : 17 Nov 2018 12:11
Operator : JC/MD
Sample : VX1117WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1117WBL01

Quant Time: Nov 19 00:13:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006063.D

Acq: 17 Nov 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

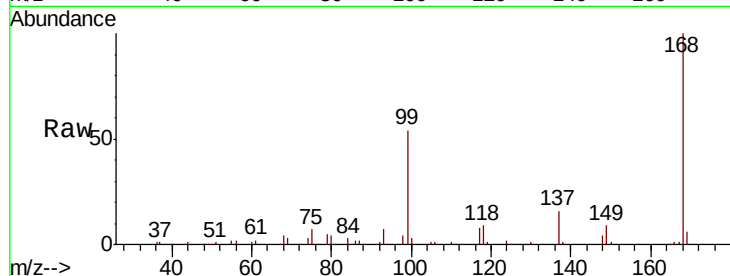
VX1117WBL01

Tot Ion:168 Resp: 126321

Ion Ratio Lower Upper

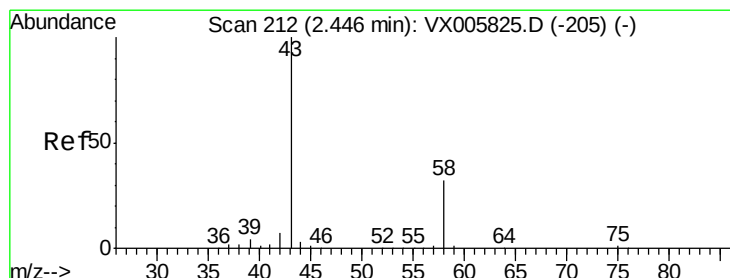
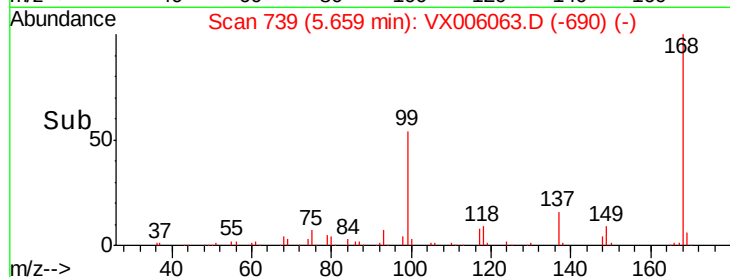
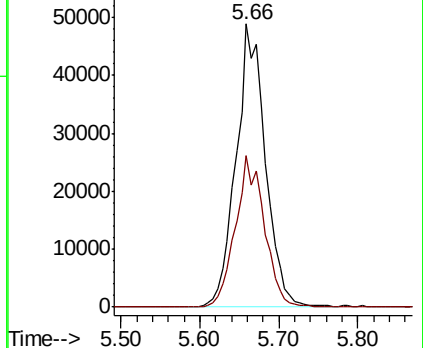
168 100

99 53.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 0.386 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006063.D

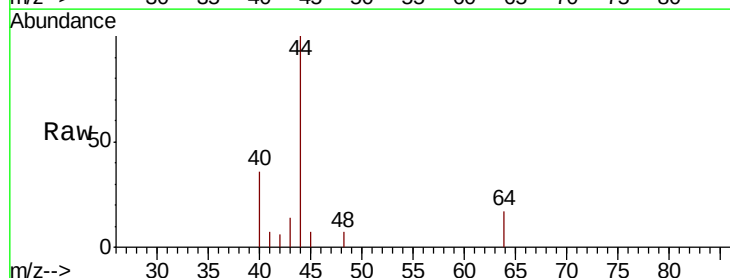
Acq: 17 Nov 2018 12:11

Tgt Ion: 43 Resp: 302

Ion Ratio Lower Upper

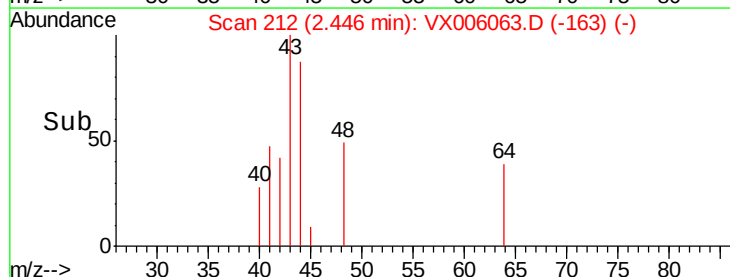
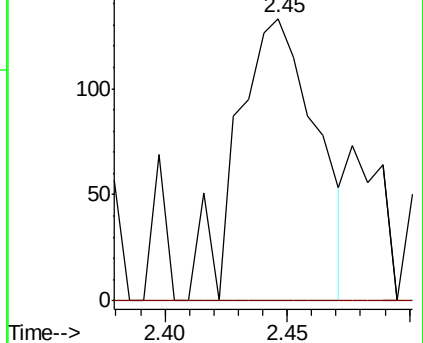
43 100

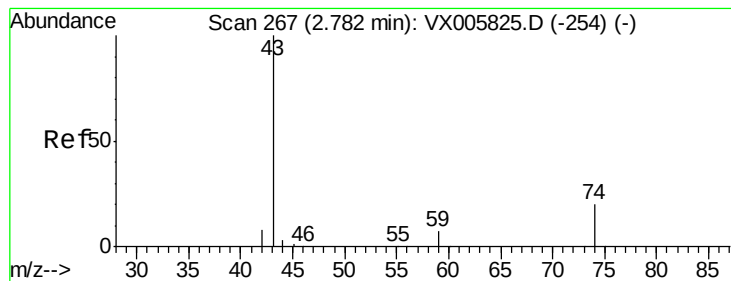
58 0.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006063.D

Acq: 17 Nov 2018 12:11

Instrument :

MSVOA_X

ClientSampled :

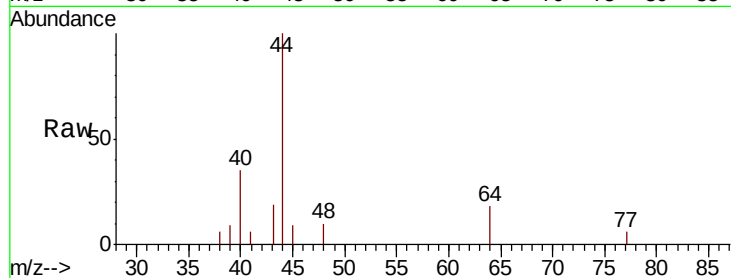
VX1117WBL01

Tot Ion: 43 Resp: 341

Ion Ratio Lower Upper

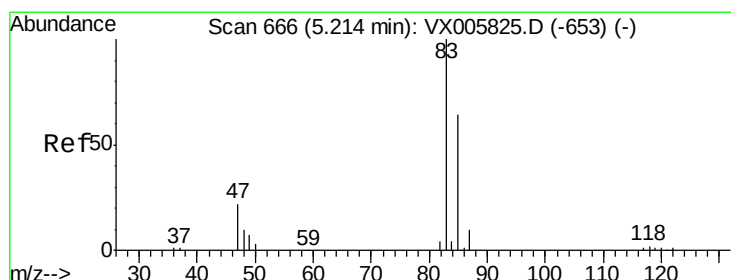
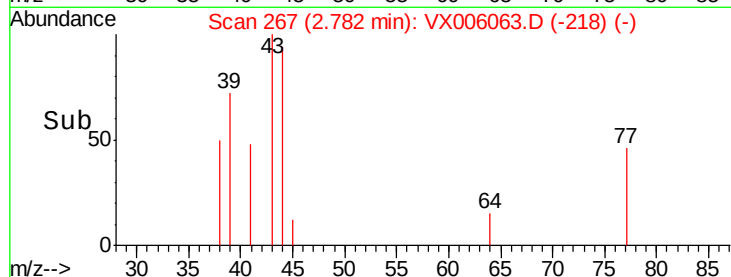
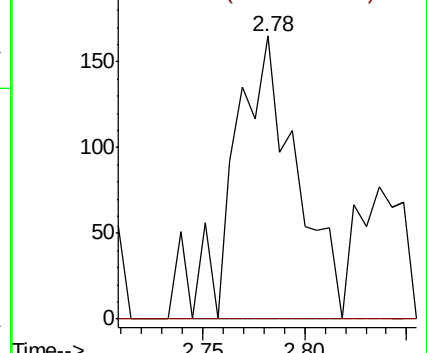
43 100

74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#30

Chloroform

Concen: 0.306 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006063.D

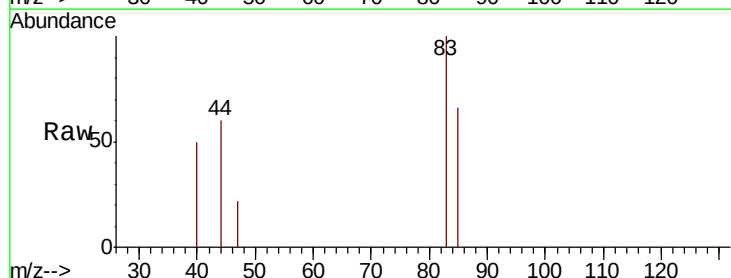
Acq: 17 Nov 2018 12:11

Tgt Ion: 83 Resp: 688

Ion Ratio Lower Upper

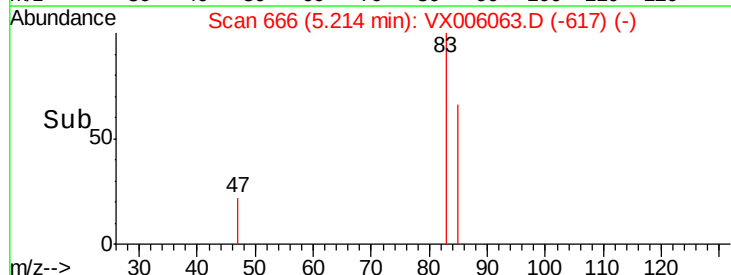
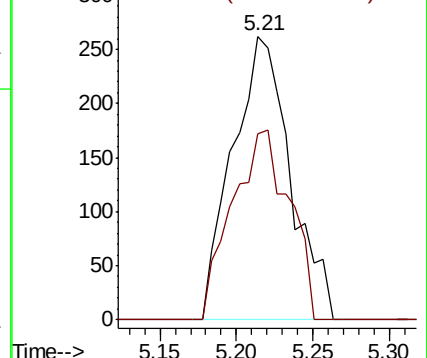
83 100

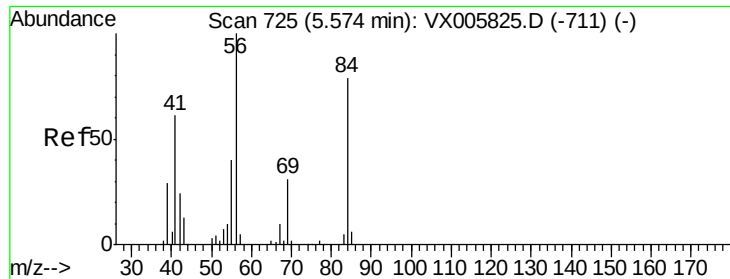
85 65.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

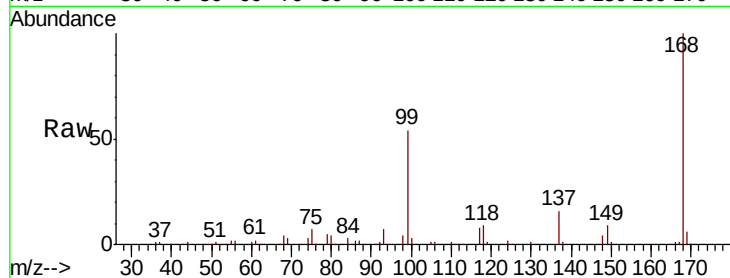




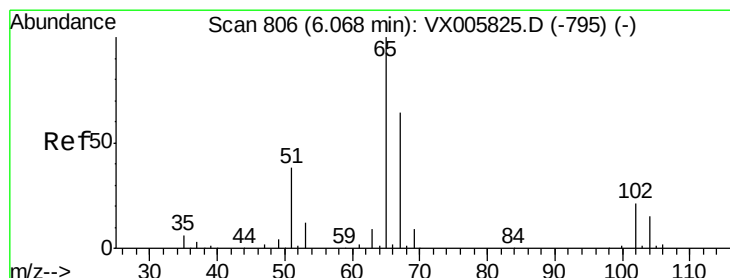
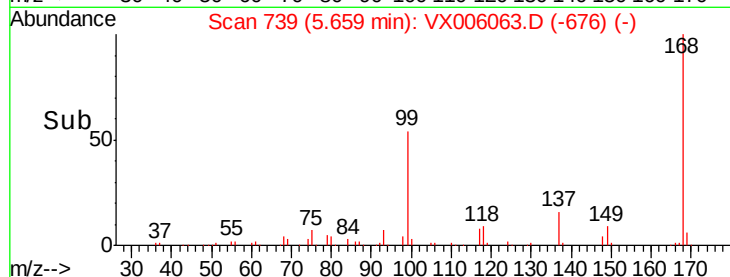
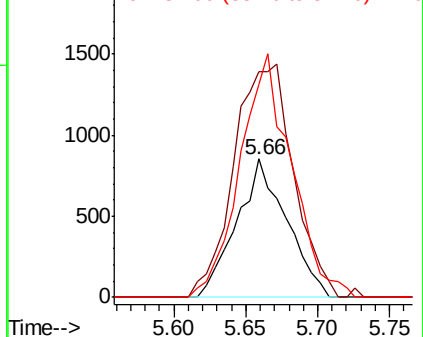
#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

Tot Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
69 163.6 22.6 34.0#
84 153.8 62.7 94.1#

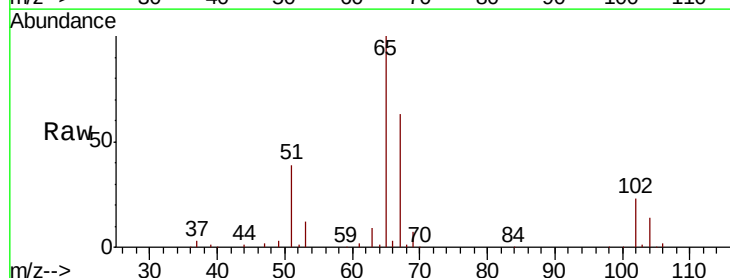


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

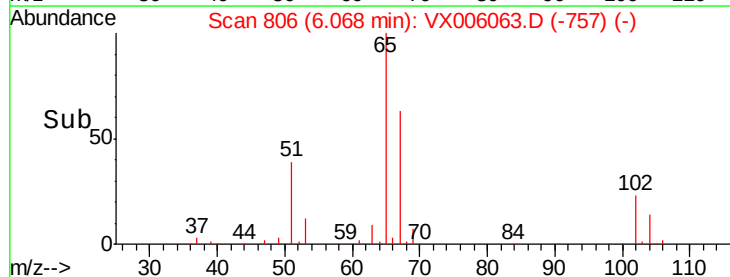
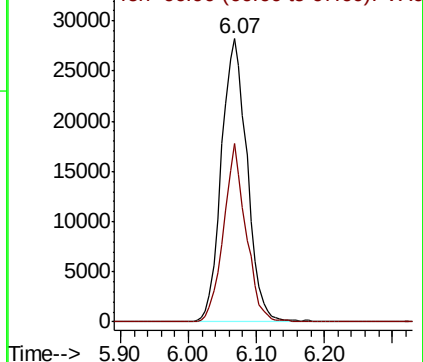


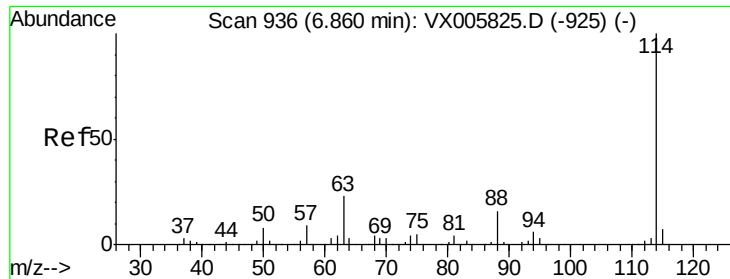
#33
1,2-Dichloroethane-d4
Concen: 50.828 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

Tgt Ion: 65 Resp: 73813
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

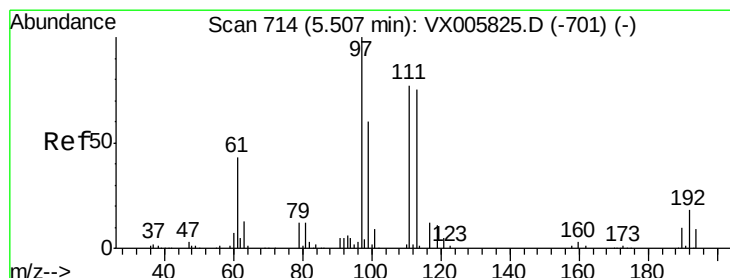
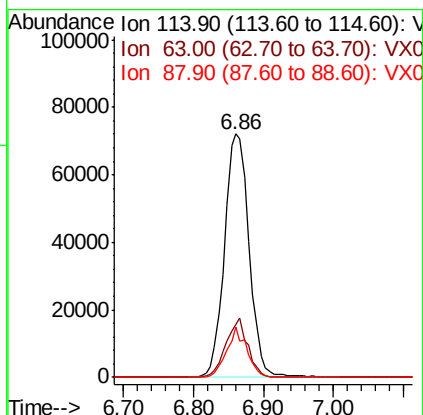
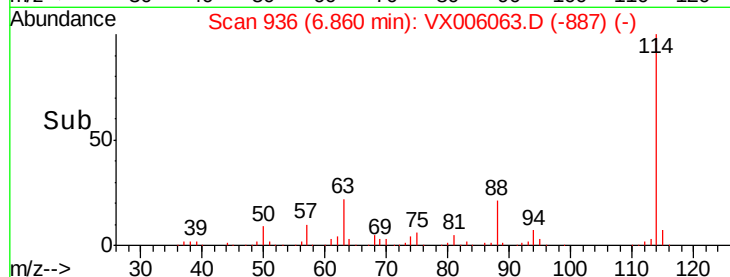
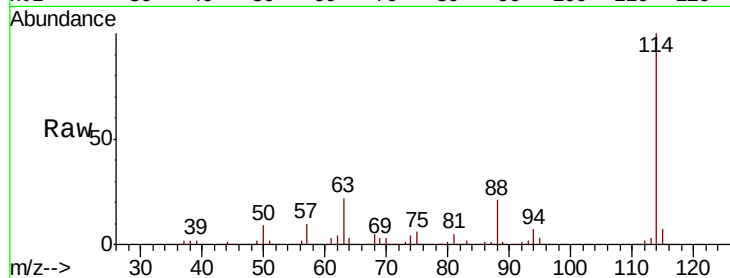




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

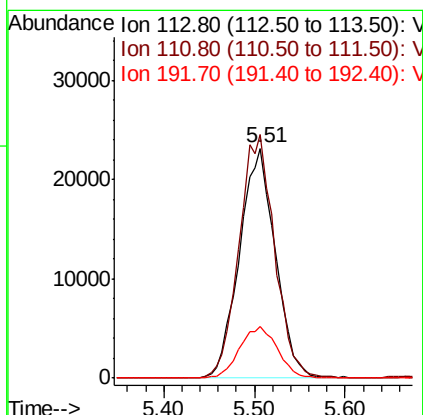
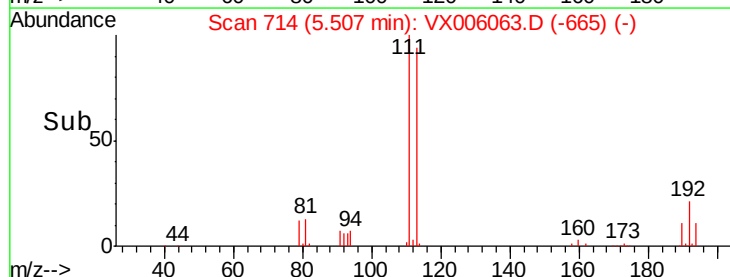
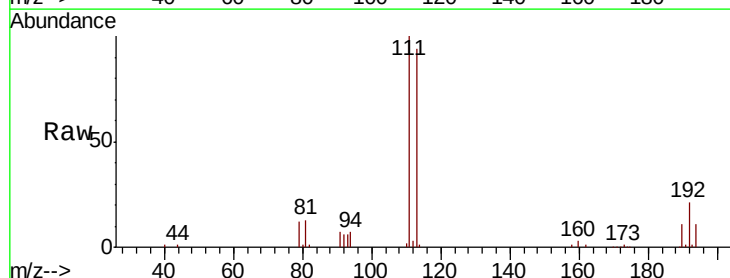
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

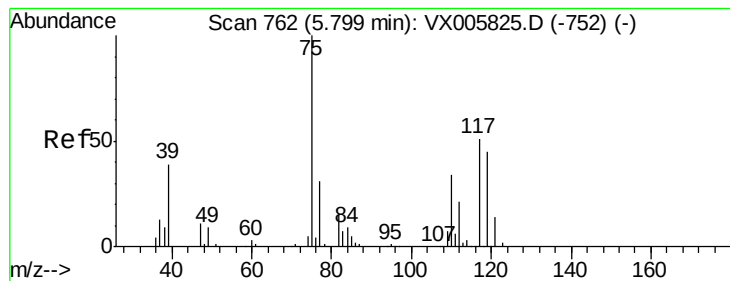
Tot Ion:114 Resp: 175998
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 20.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 53.021 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

Tgt Ion:113 Resp: 63469
Ion Ratio Lower Upper
113 100
111 105.0 82.3 123.5
192 23.5 17.9 26.9





#36

1,1-Dichloropropene

Concen: 5.277 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006063.D

Acq: 17 Nov 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBL01

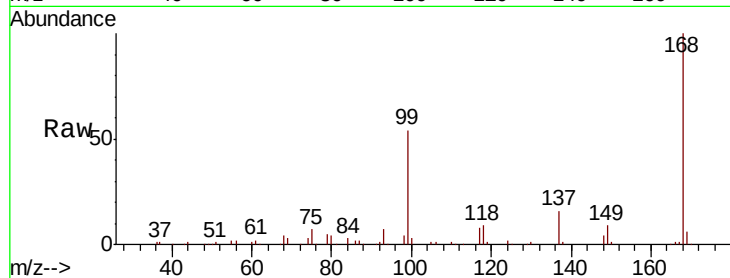
Tot Ion: 75 Resp: 8954

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.2#

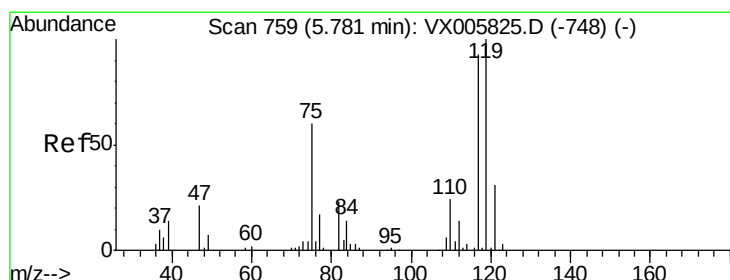
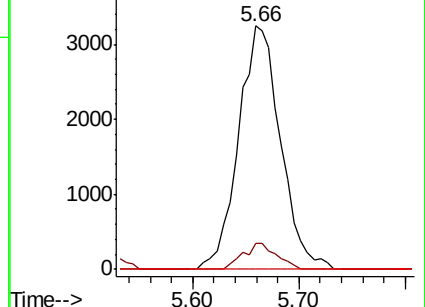
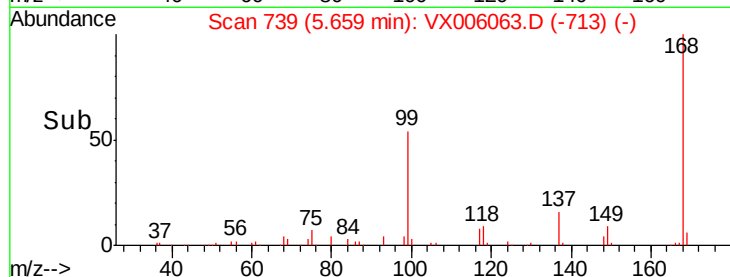
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX006063.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX006063.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX006063.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.973 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006063.D

Acq: 17 Nov 2018 12:11

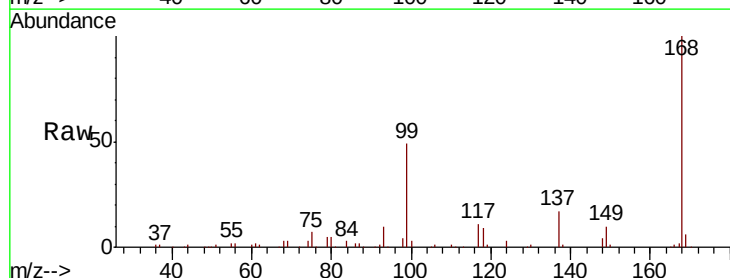
Tgt Ion: 117 Resp: 11844

Ion Ratio Lower Upper

117 100

119 6.3 78.1 117.1#

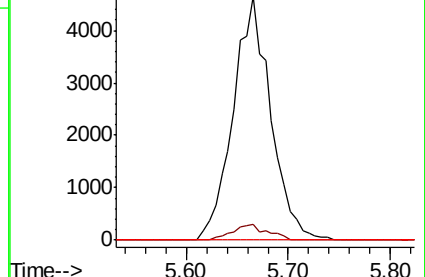
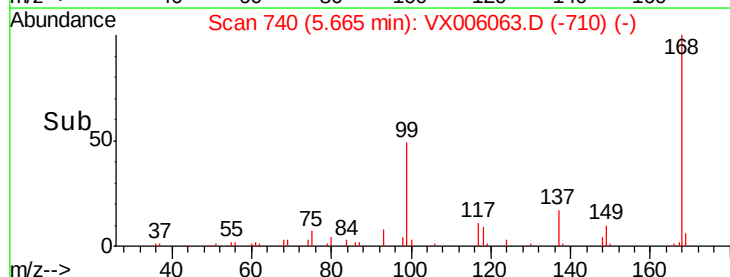
121 0.0 24.6 36.8#

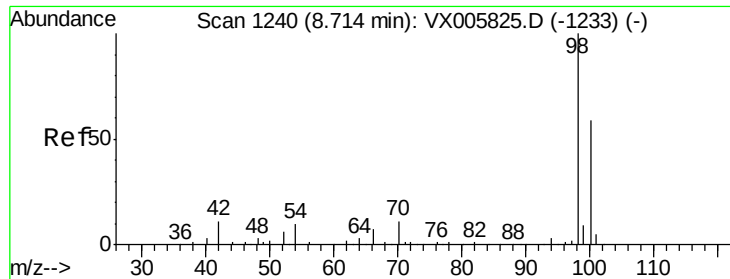


Abundance Ion 116.80 (116.50 to 117.50): VX006063.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX006063.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX006063.D (-710) (-)





#50

Toluene-d8

Concen: 49.783 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006063.D

Acq: 17 Nov 2018 12:11

Instrument :

MSVOA_X

ClientSampled :

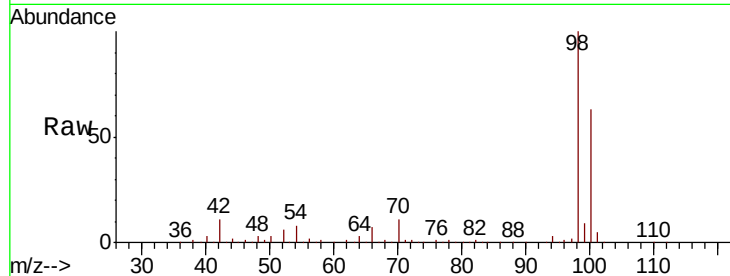
VX1117WBL01

Tot Ion: 98 Resp: 198121

Ion Ratio Lower Upper

98 100

100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

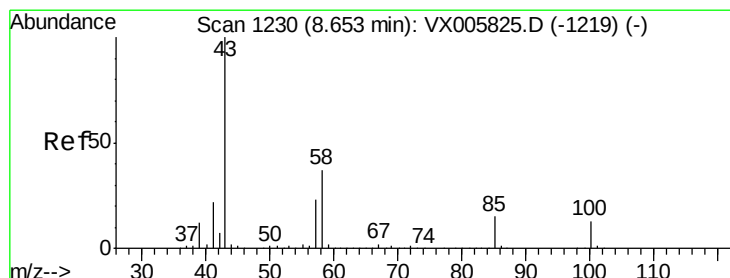
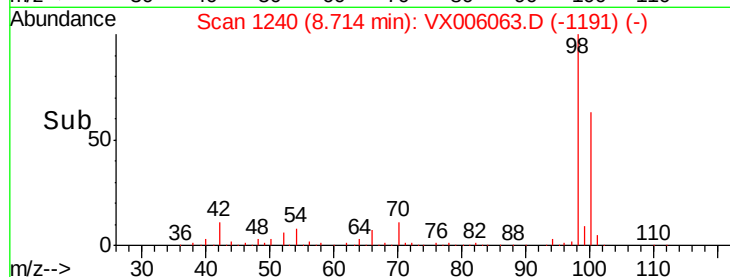
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.436 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX006063.D

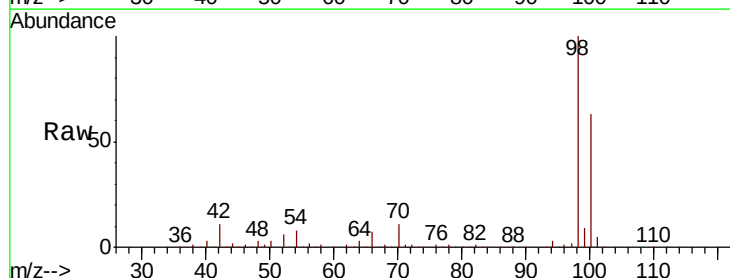
Acq: 17 Nov 2018 12:11

Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

58 184.7 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1200

1000

800

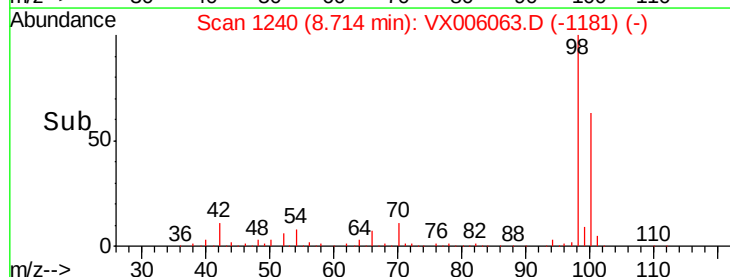
600

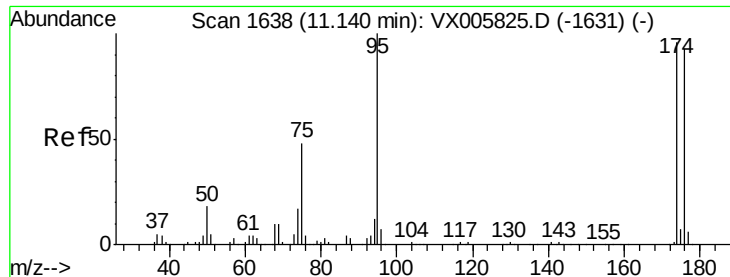
400

200

0

Time-->

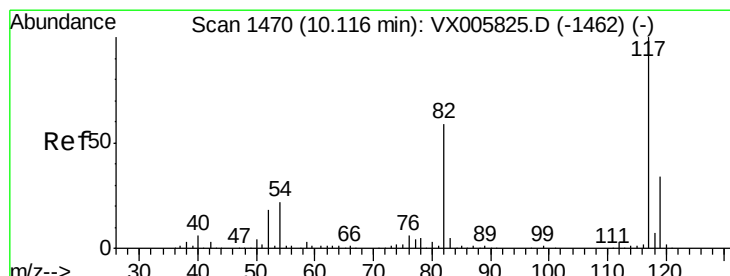
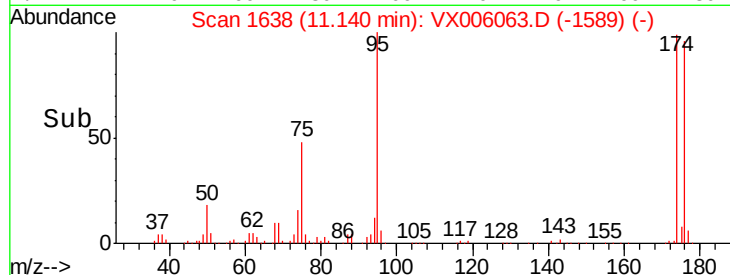
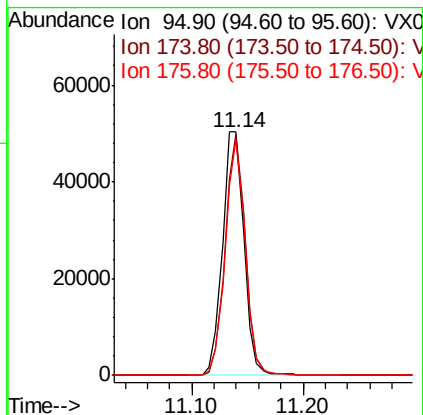
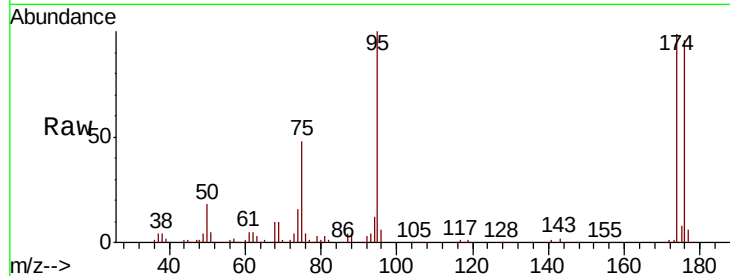




#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

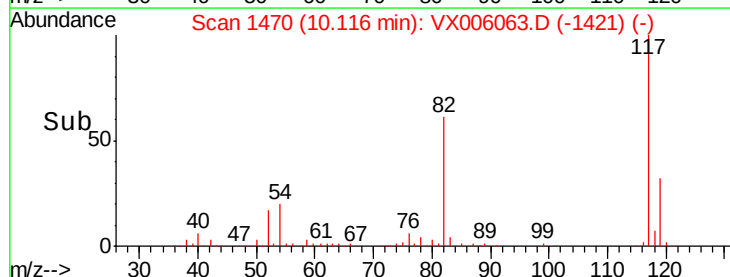
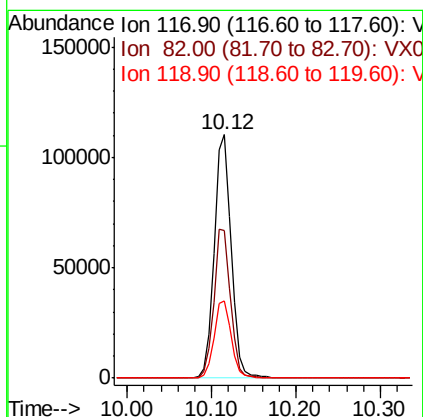
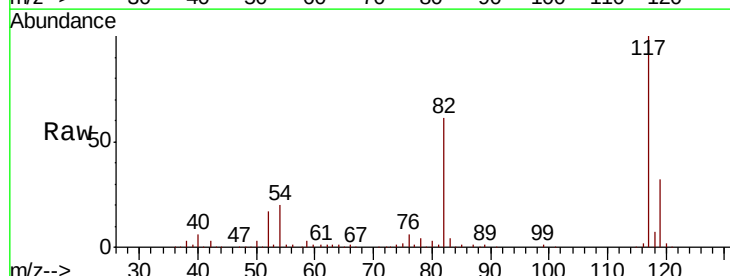
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

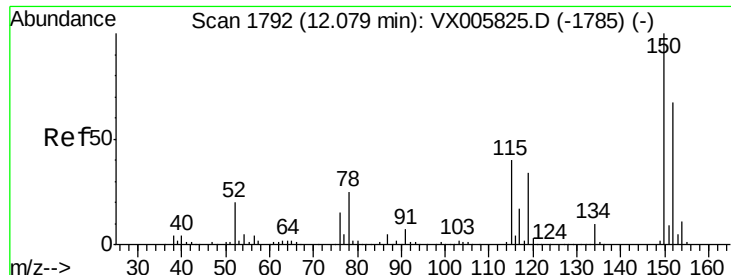
Tot Ion: 95 Resp: 67357
Ion Ratio Lower Upper
95 100
174 92.4 0.0 184.4
176 89.8 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

Tgt Ion: 117 Resp: 153923
Ion Ratio Lower Upper
117 100
82 60.7 44.1 66.1
119 31.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006063.D

Acq: 17 Nov 2018 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX1117WBL01

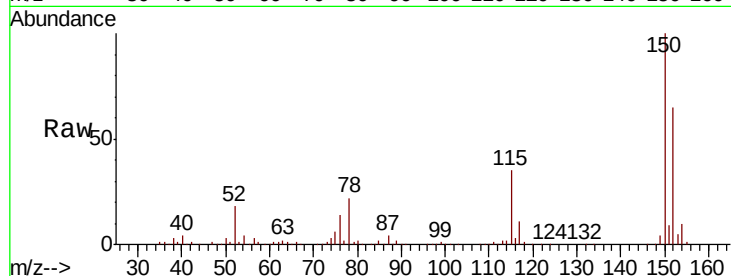
Tot Ion:152 Resp: 98775

Ion Ratio Lower Upper

152 100

115 54.3 39.4 118.1

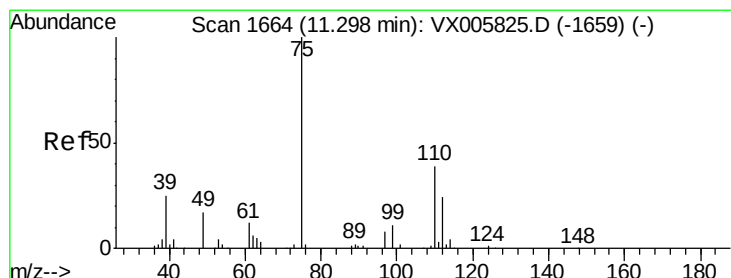
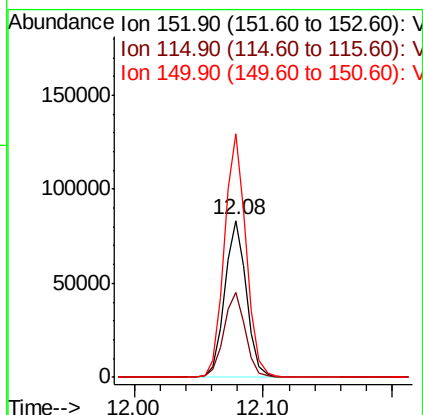
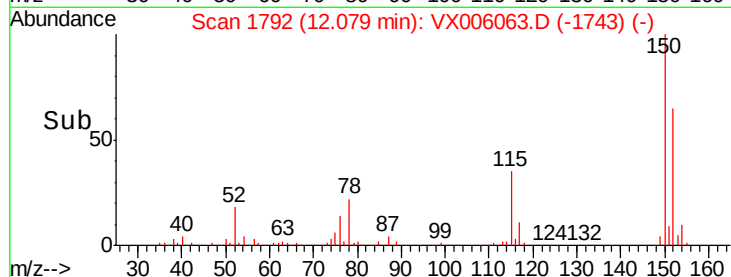
150 155.5 0.0 346.4



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: 16.270 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006063.D

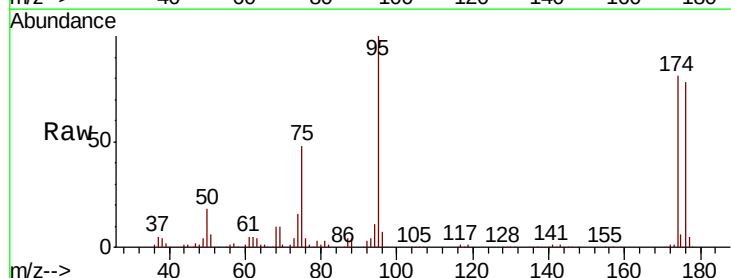
Acq: 17 Nov 2018 12:11

Tgt Ion: 75 Resp: 32724

Ion Ratio Lower Upper

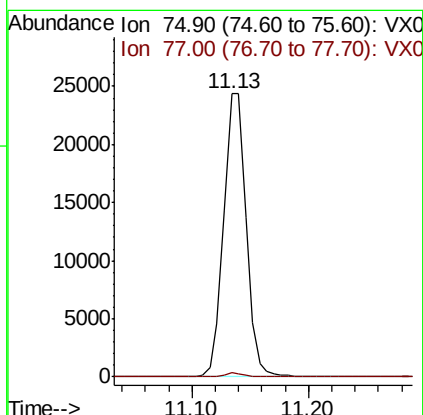
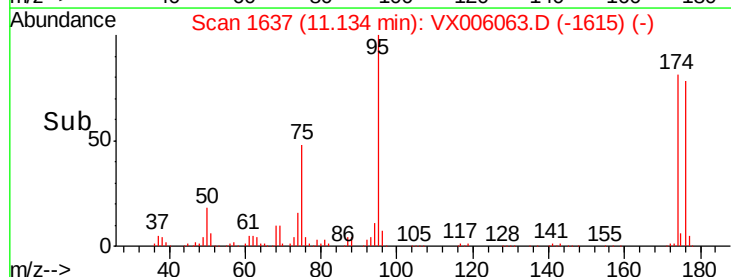
75 100

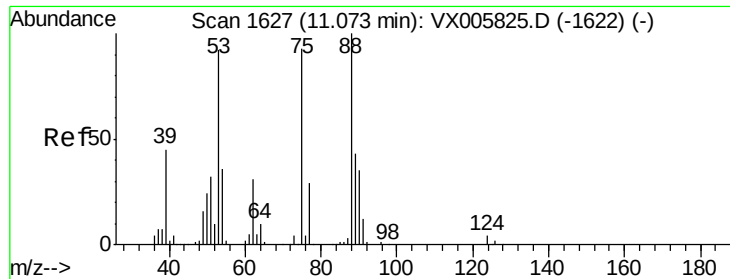
77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

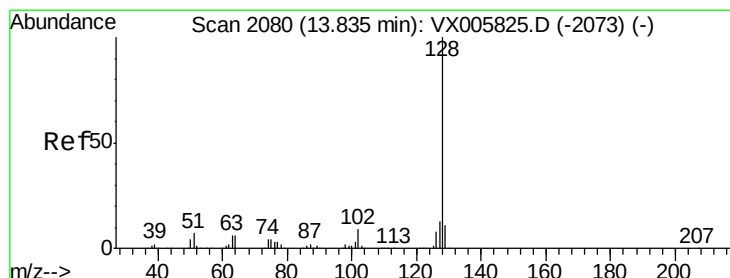
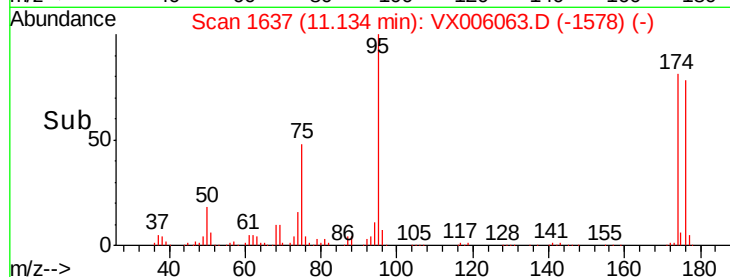
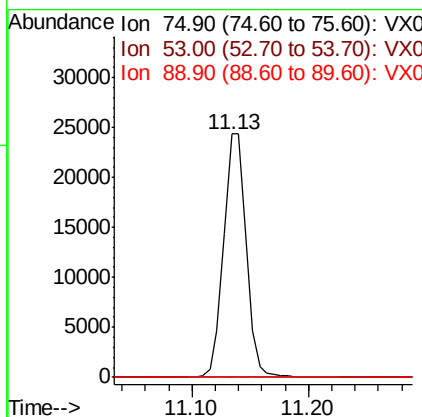
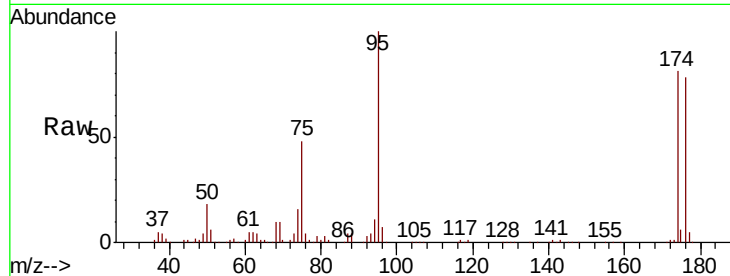




#81
trans-1,4-Dichloro-2-butene
Concen: 51.856 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL01

Tot Ion: 75 Resp: 32724
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.2#
89 0.0 39.8 59.8#



#95
Naphthalene
Concen: 1.209 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006063.D
Acq: 17 Nov 2018 12:11

Tgt Ion: 128 Resp: 230
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.7 13.1#

