

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051419\
 Data File : VX009555.D
 Acq On : 14 May 2019 11:39
 Operator : JC/SP
 Sample : VX0514WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

Quant Time: May 15 01:52:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109484	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	124777	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
35) Dibromofluoromethane	5.50	113	91983	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	380378	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	124897	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	

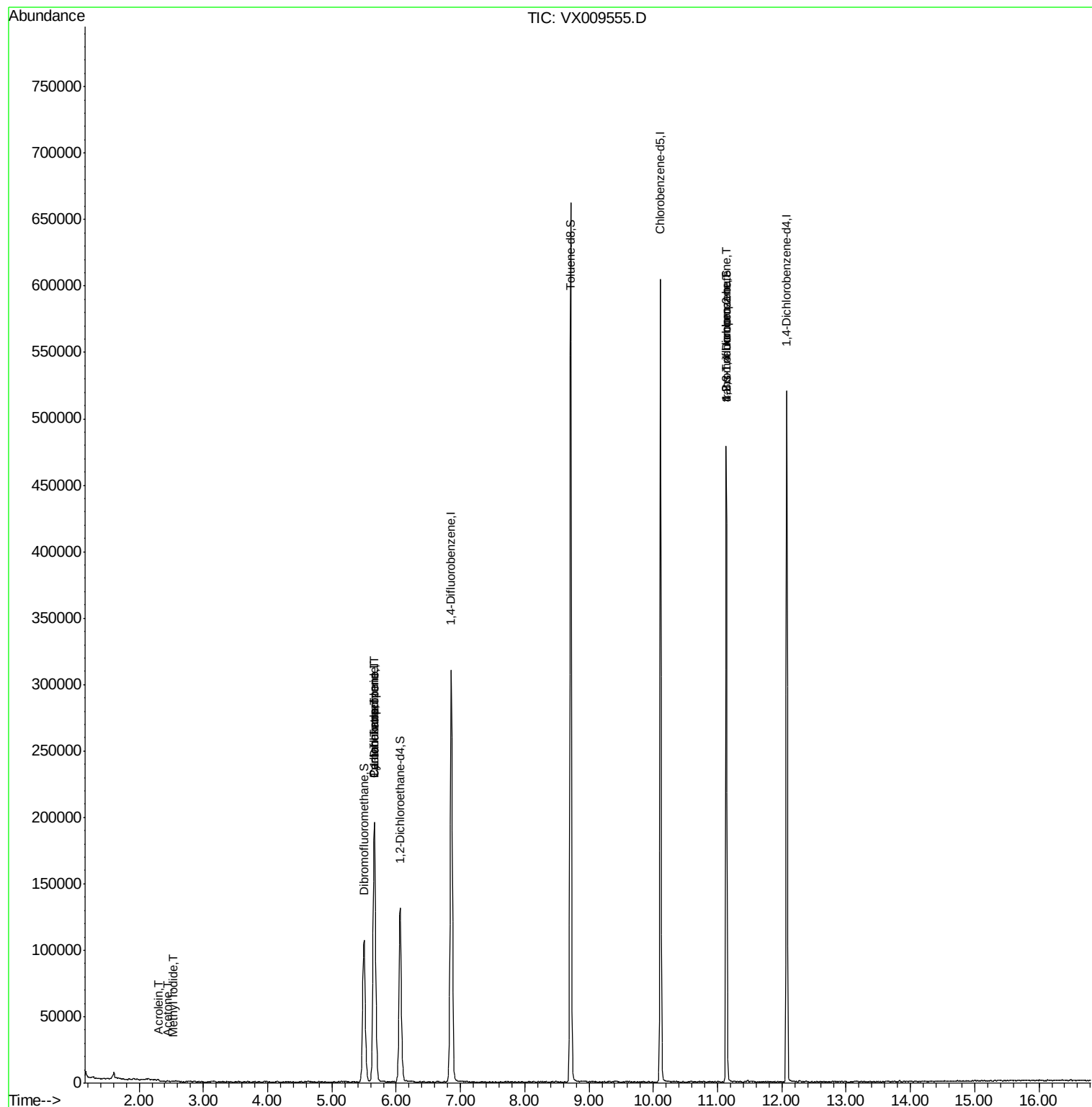
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	127	4.649	ug/l #	51
13) Acrolein	2.29	56	289	0.526	ug/l #	46
16) Acetone	2.43	43	536	0.381	ug/l #	77
28) Bromochloromethane	5.01	49	37	Below Cal	#	20
31) Cyclohexane	5.65	56	4449	1.148	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14737	5.203	ug/l #	50
38) Carbon Tetrachloride	5.67	117	18487	7.184	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	62054	24.434	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62054	62.518	ug/l #	10

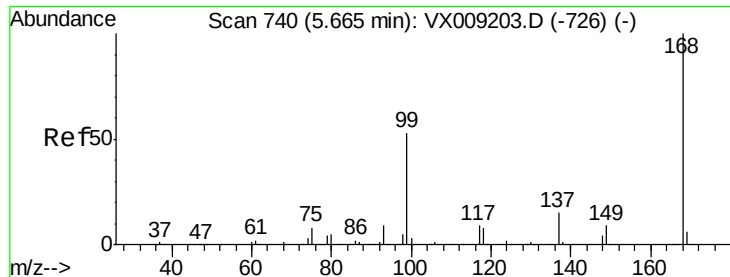
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051419\
Data File : VX009555.D
Acq On : 14 May 2019 11:39
Operator : JC/SP
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Time: May 15 01:52:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

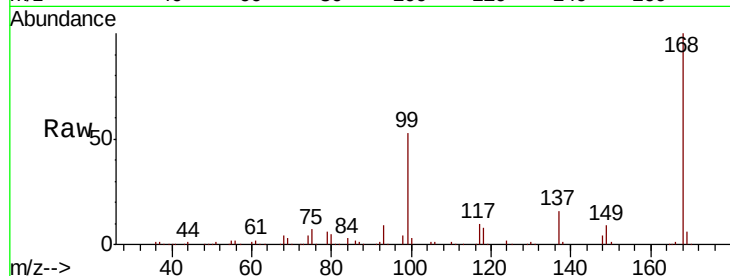
VX0514WBL01

Tot Ion:168 Resp: 191954

Ion Ratio Lower Upper

168 100

99 52.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

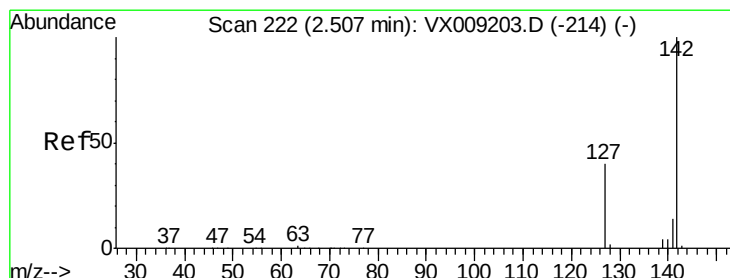
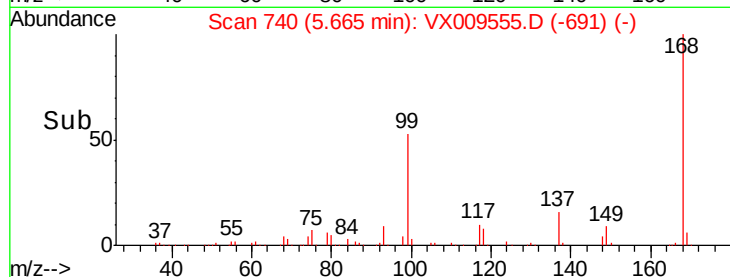
40000

20000

0

Time-->

5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.649 ug/l

RT: 2.53 min Scan# 225

Delta R.T. 0.02 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

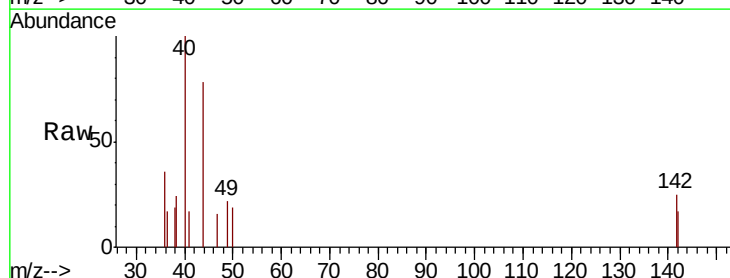
Tgt Ion:142 Resp: 127

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

141 15.0 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.53

150

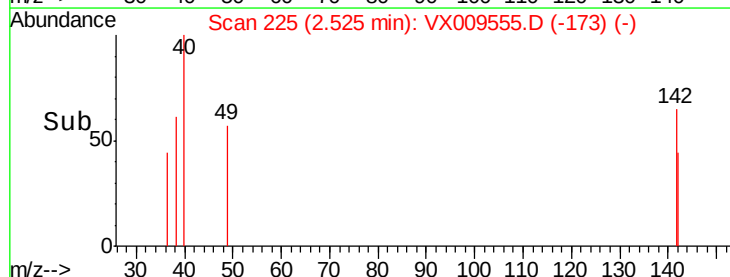
100

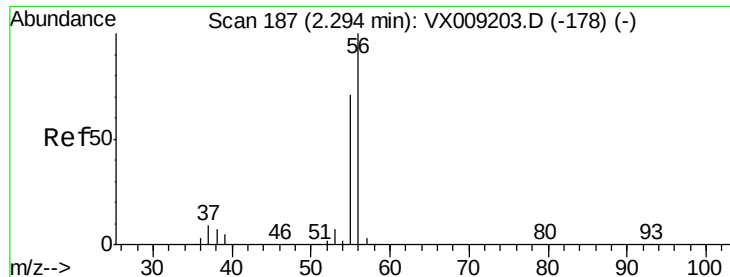
50

0

Time-->

2.48 2.50 2.52 2.54





#13

Acrolein

Concen: 0.526 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

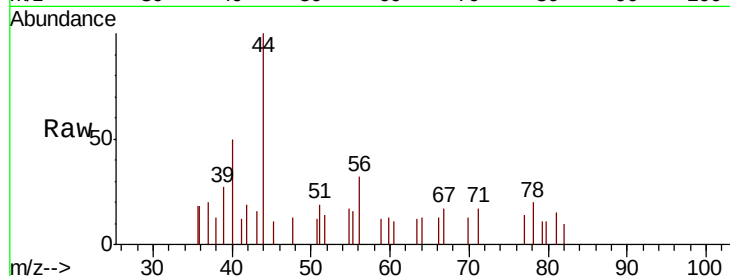
VX0514WBL01

Tot Ion: 56 Resp: 289

Ion Ratio Lower Upper

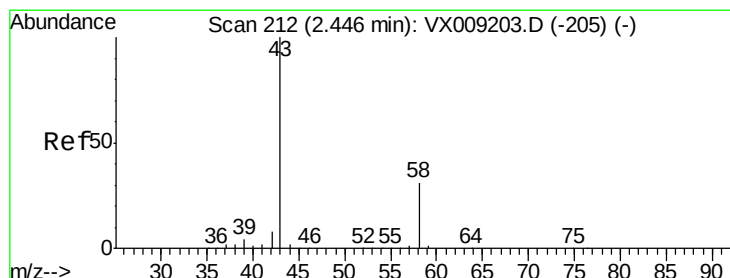
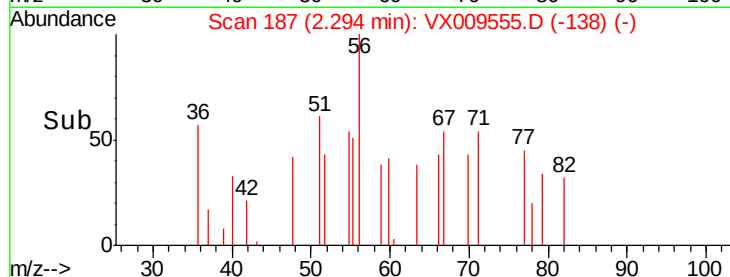
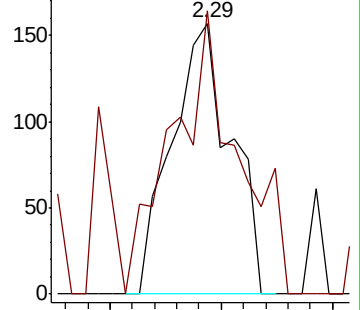
56 100

55 115.6 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.381 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX009555.D

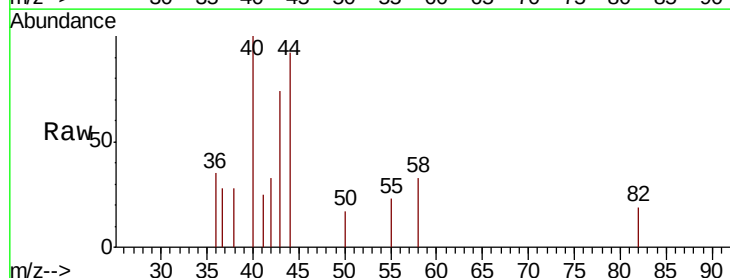
Acq: 14 May 2019 11:39

Tgt Ion: 43 Resp: 536

Ion Ratio Lower Upper

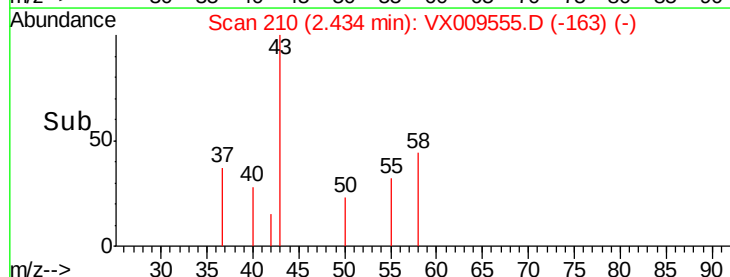
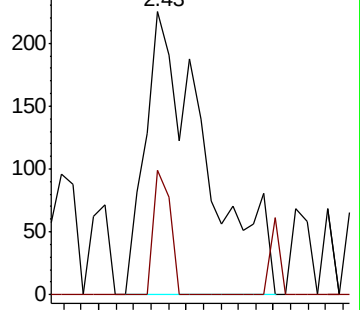
43 100

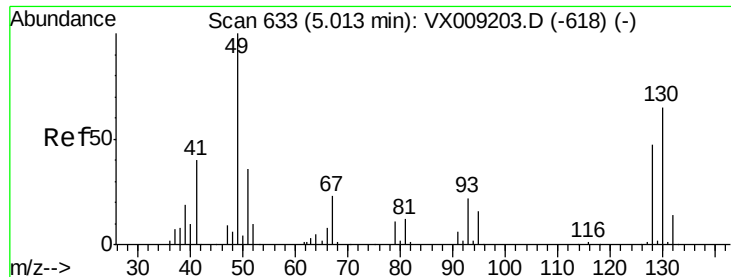
58 44.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

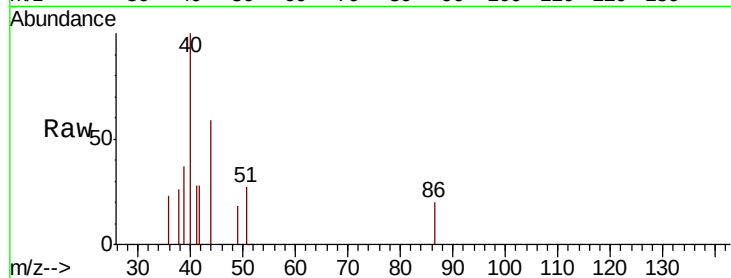
Tot Ion: 49 Resp: 37

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

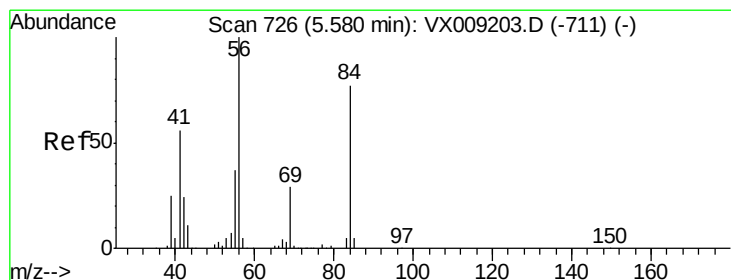
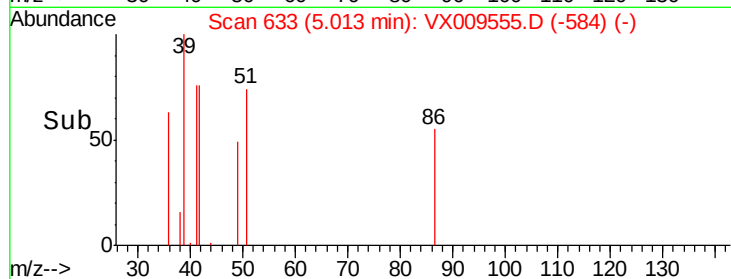
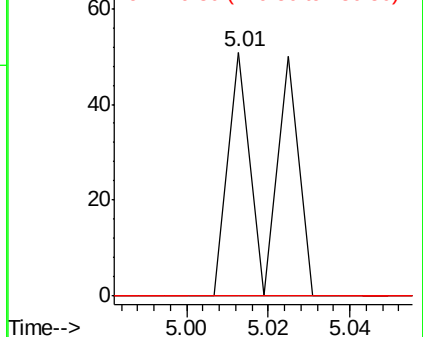
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#31

Cyclohexane

Concen: 1.148 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.07 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

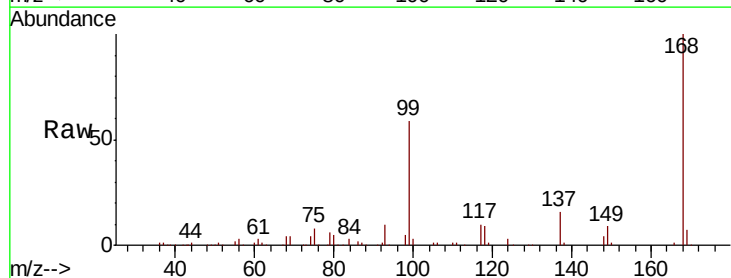
Tgt Ion: 56 Resp: 4449

Ion Ratio Lower Upper

56 100

69 149.1 23.4 35.0#

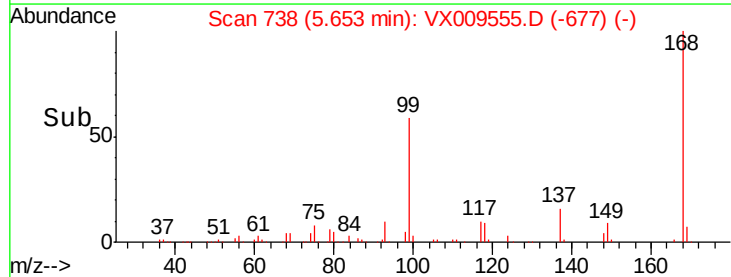
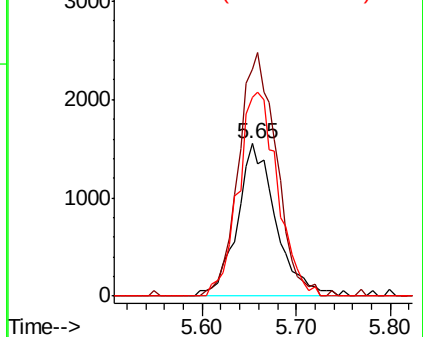
84 130.2 61.9 92.9#

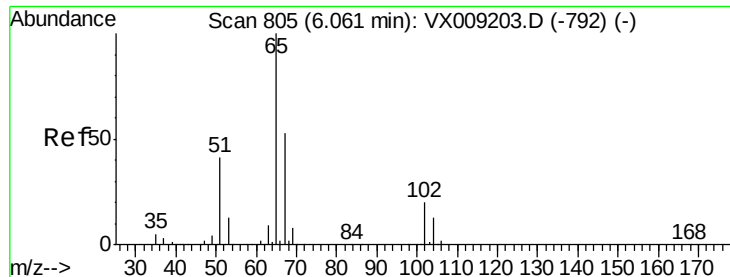


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

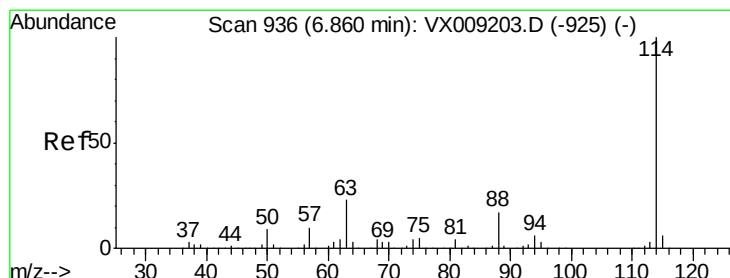
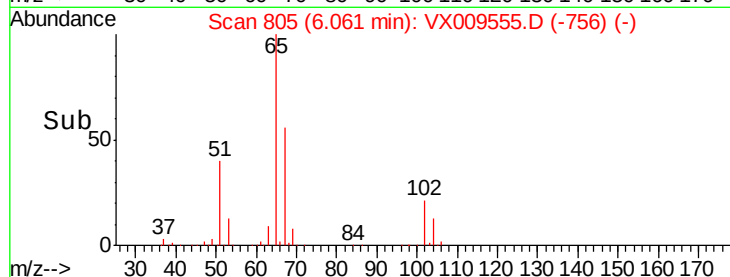
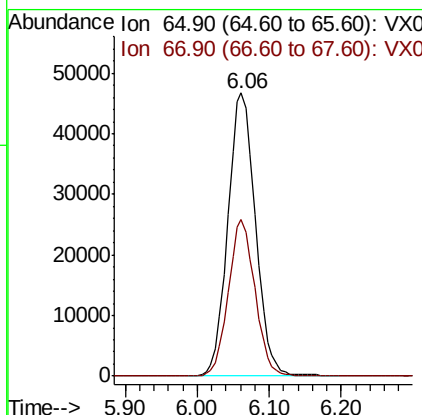
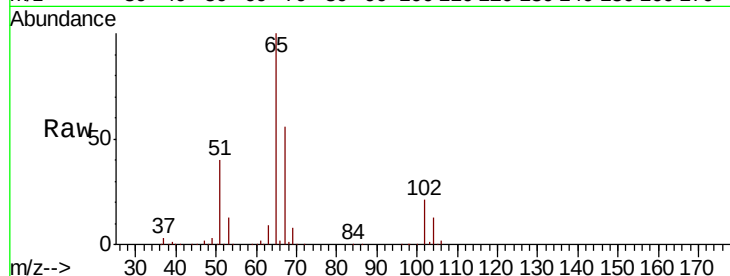




#33
 1,2-Dichloroethane-d4
 Concen: 47.618 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009555.D
 Acq: 14 May 2019 11:39

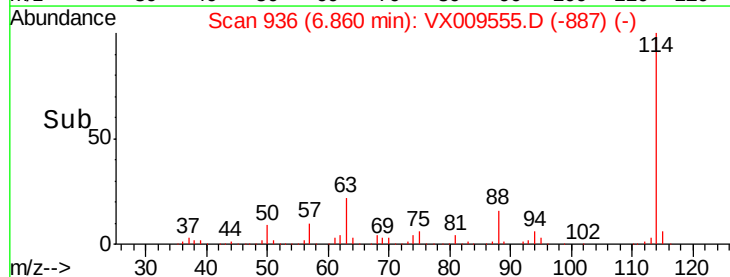
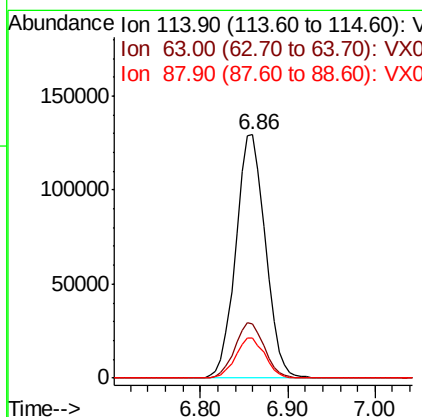
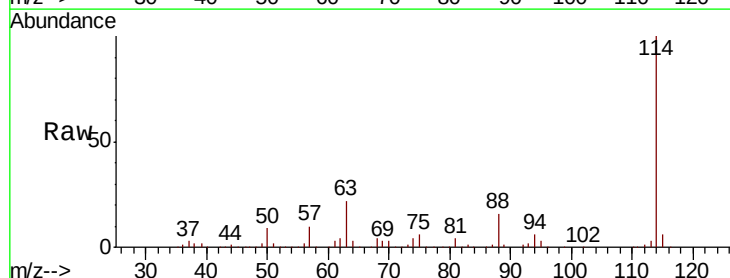
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

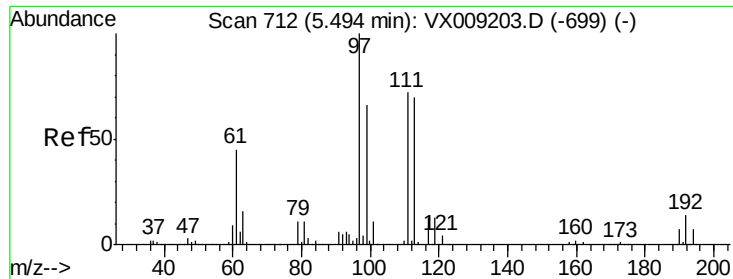
Tot Ion: 65 Resp: 124777
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009555.D
 Acq: 14 May 2019 11:39

Tgt Ion: 114 Resp: 304757
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.6
 88 16.3 0.0 33.2

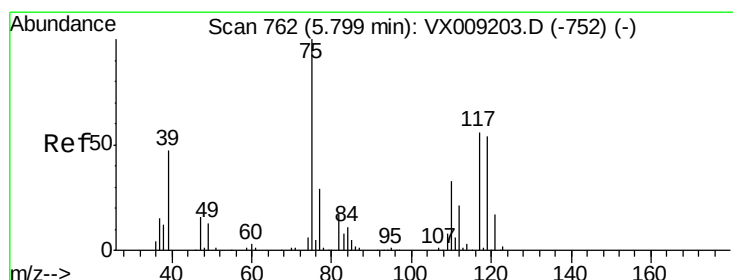
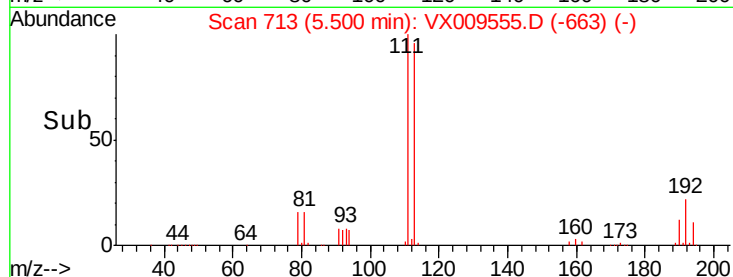
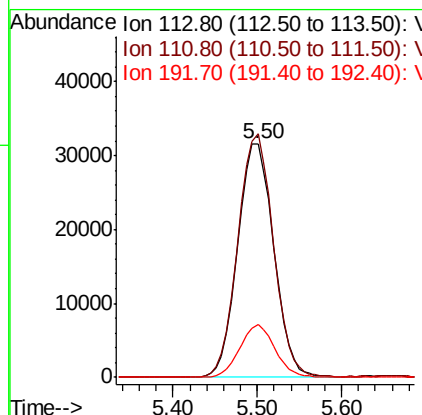
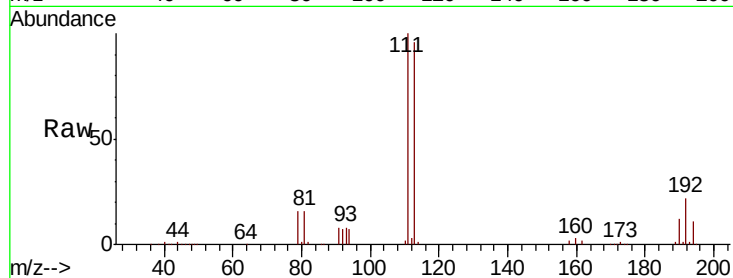




#35
 Dibromofluoromethane
 Concen: 48.012 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009555.D
 Acq: 14 May 2019 11:39

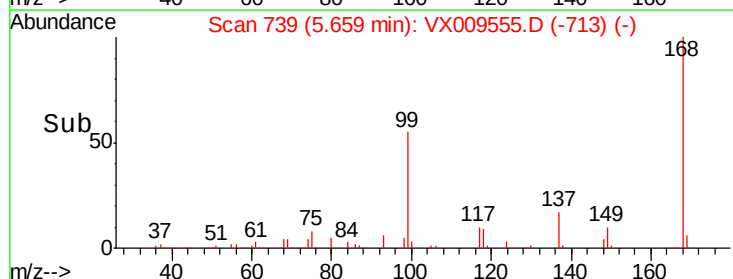
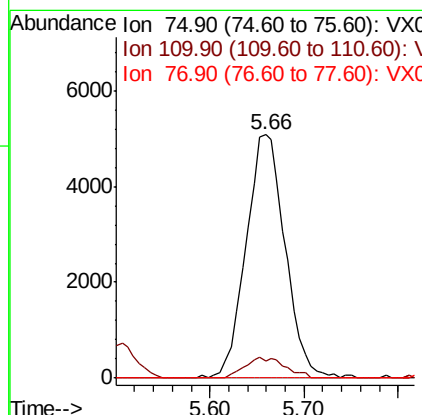
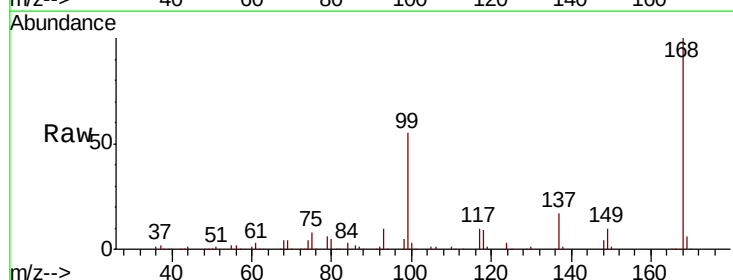
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

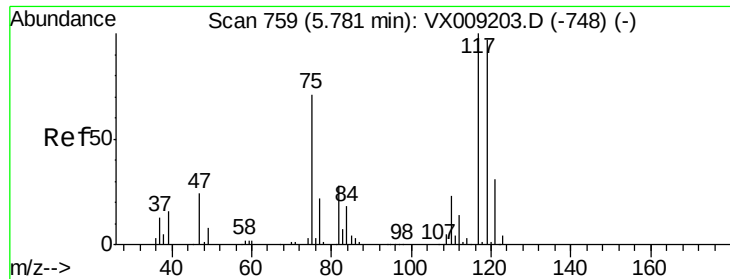
Tot Ion:113 Resp: 91983
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.203 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009555.D
 Acq: 14 May 2019 11:39

Tgt Ion: 75 Resp: 14737
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.9 50.6#
 77 0.0 24.8 37.2#

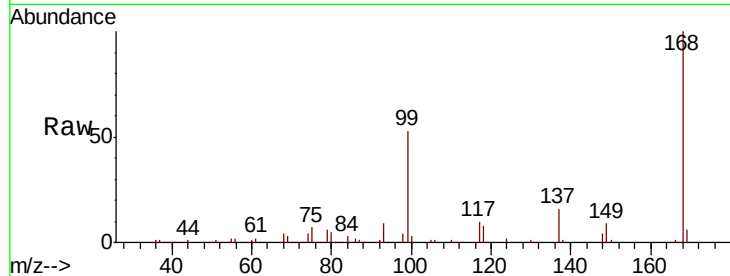




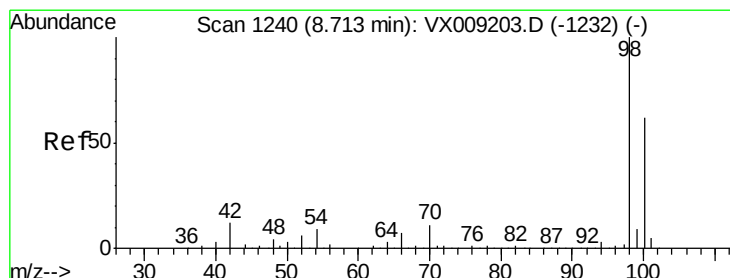
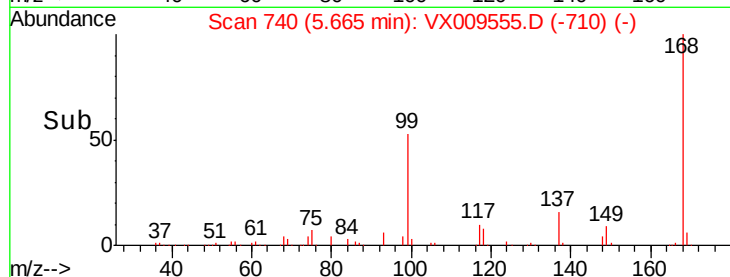
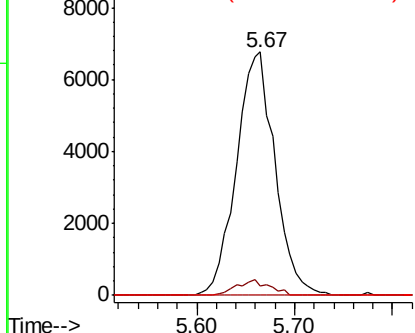
#38
Carbon Tetrachloride
Concen: 7.184 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009555.D
Acq: 14 May 2019 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Tot Ion:117 Resp: 18487
Ion Ratio Lower Upper
117 100
119 3.9 77.5 116.3#
121 0.0 24.7 37.1#

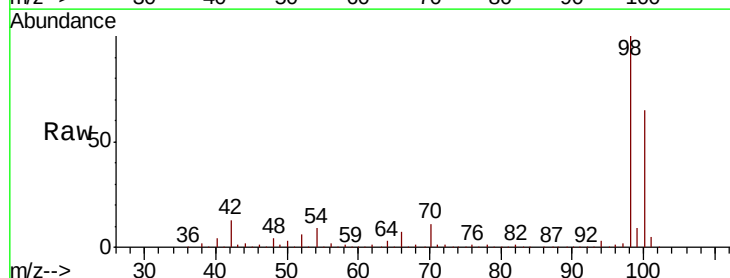


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

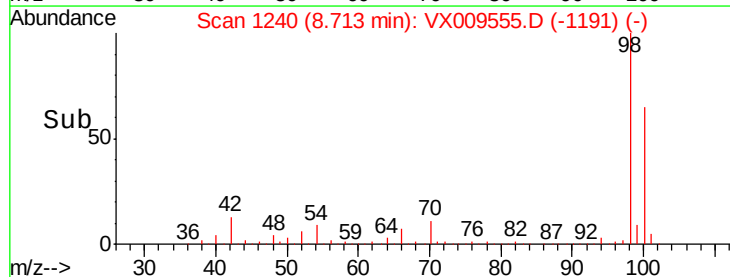
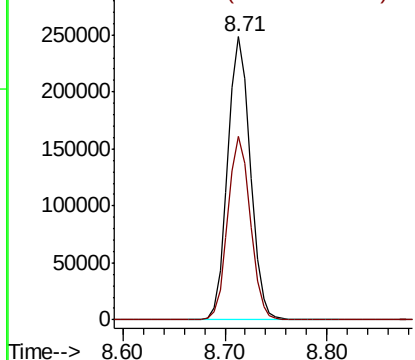


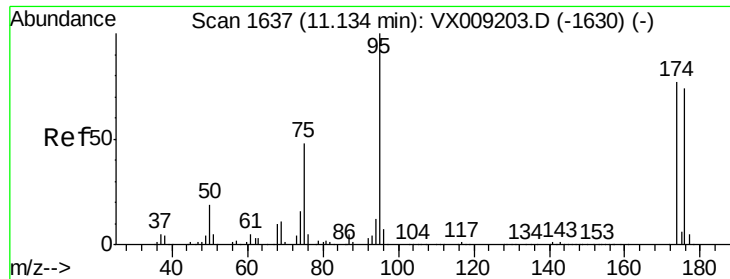
#50
Toluene-d8
Concen: 49.178 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009555.D
Acq: 14 May 2019 11:39

Tgt Ion: 98 Resp: 380378
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.440 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

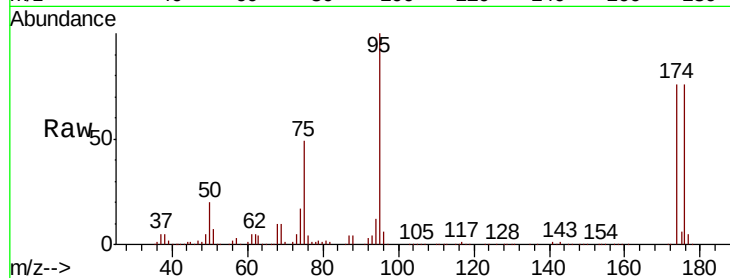
Tot Ion: 95 Resp: 124897

Ion Ratio Lower Upper

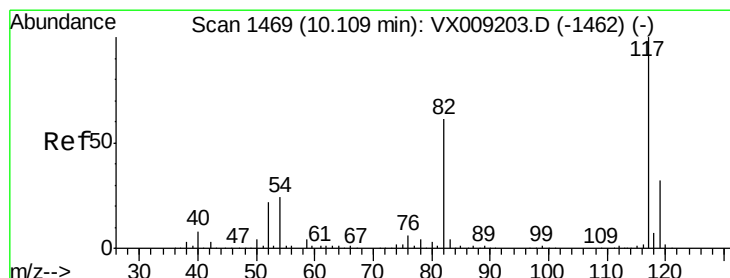
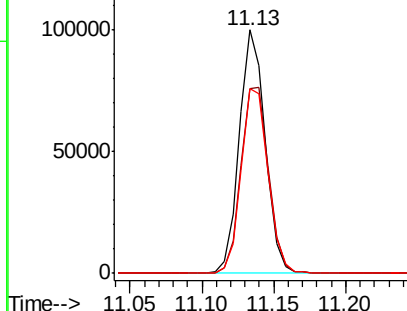
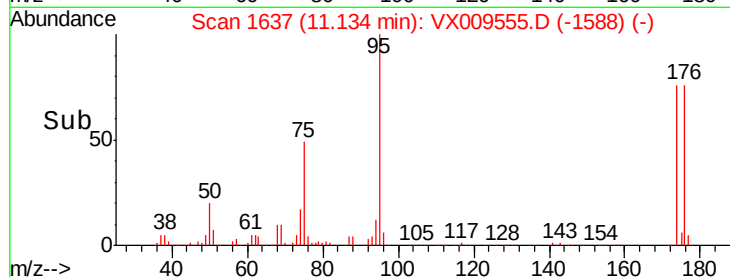
95 100

174 81.4 0.0 161.6

176 78.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009555.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

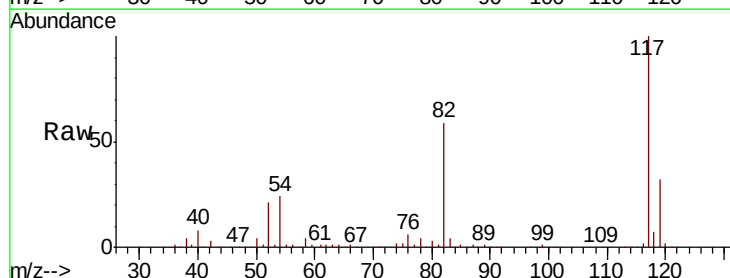
Tgt Ion: 117 Resp: 264516

Ion Ratio Lower Upper

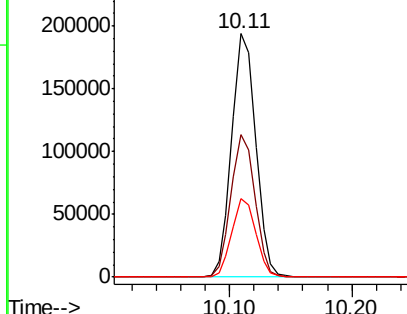
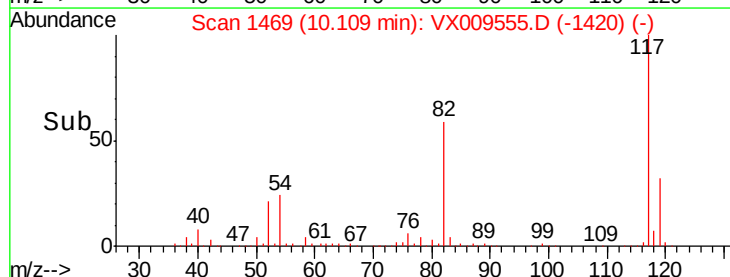
117 100

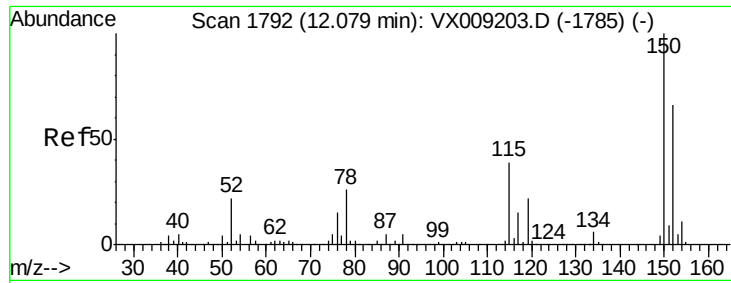
82 58.6 48.8 73.2

119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009555.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

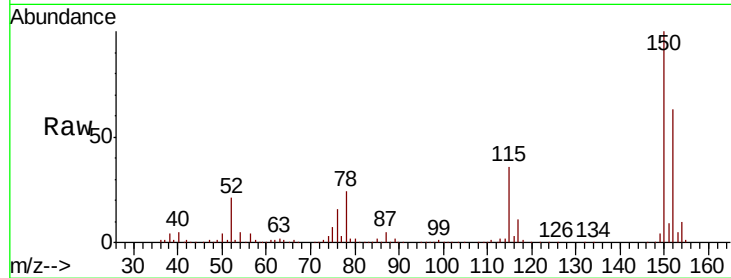
Tot Ion:152 Resp: 109484

Ion Ratio Lower Upper

152 100

115 58.6 41.2 123.6

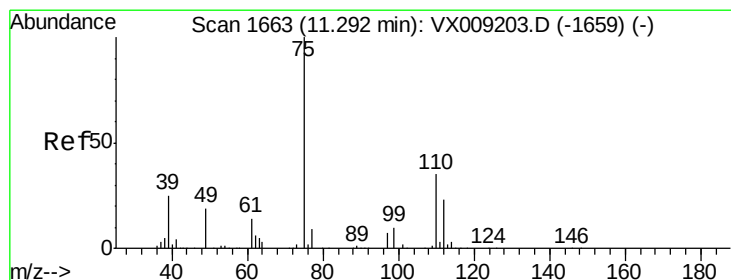
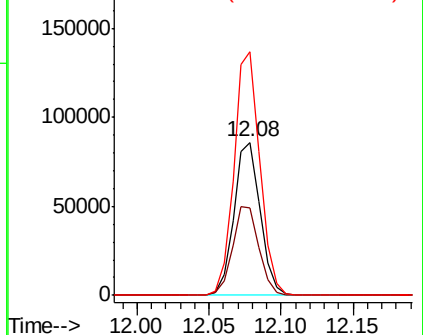
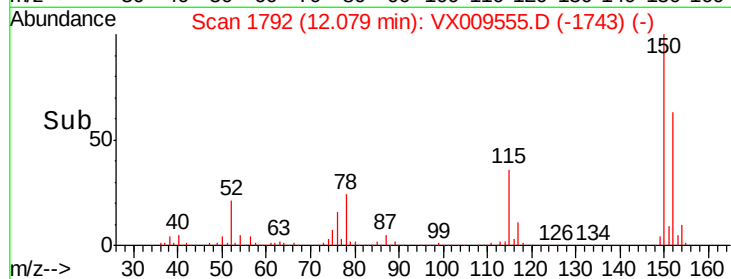
150 157.3 0.0 346.4



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: 24.434 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009555.D

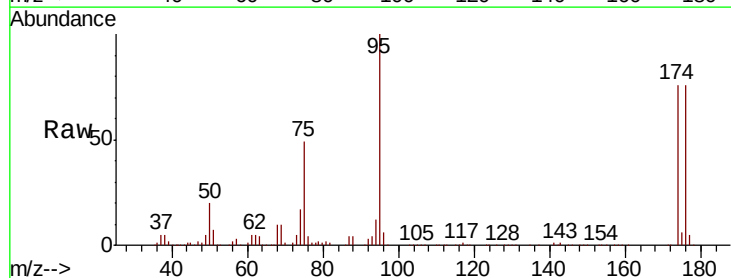
Acq: 14 May 2019 11:39

Tgt Ion: 75 Resp: 62054

Ion Ratio Lower Upper

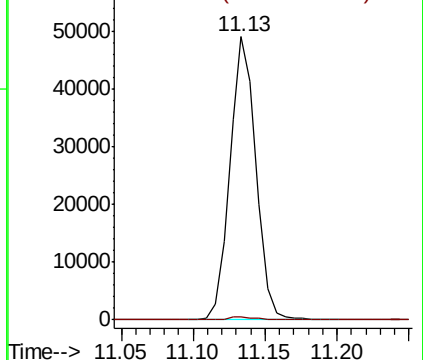
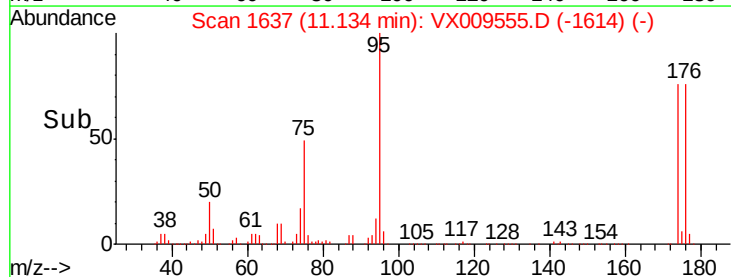
75 100

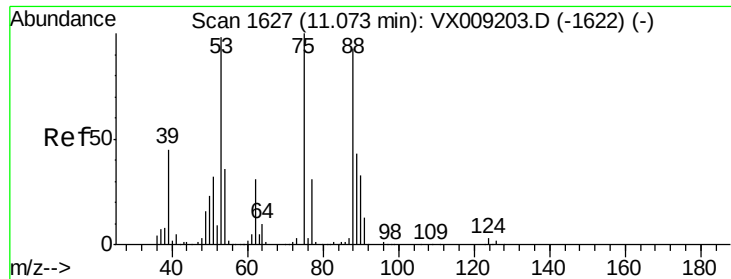
77 1.2 22.1 66.1#



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: 62.518 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009555.D

Acq: 14 May 2019 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

Tot Ion: 75 Resp: 62054

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

