

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010254.D
 Acq On : 12 Jun 2019 16:35
 Operator : JC/SP
 Sample : K3309-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:27:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	306613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	462431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	418824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193918	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	140466	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	5.50	113	141179	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	8.71	98	542787	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.13	95	184002	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	

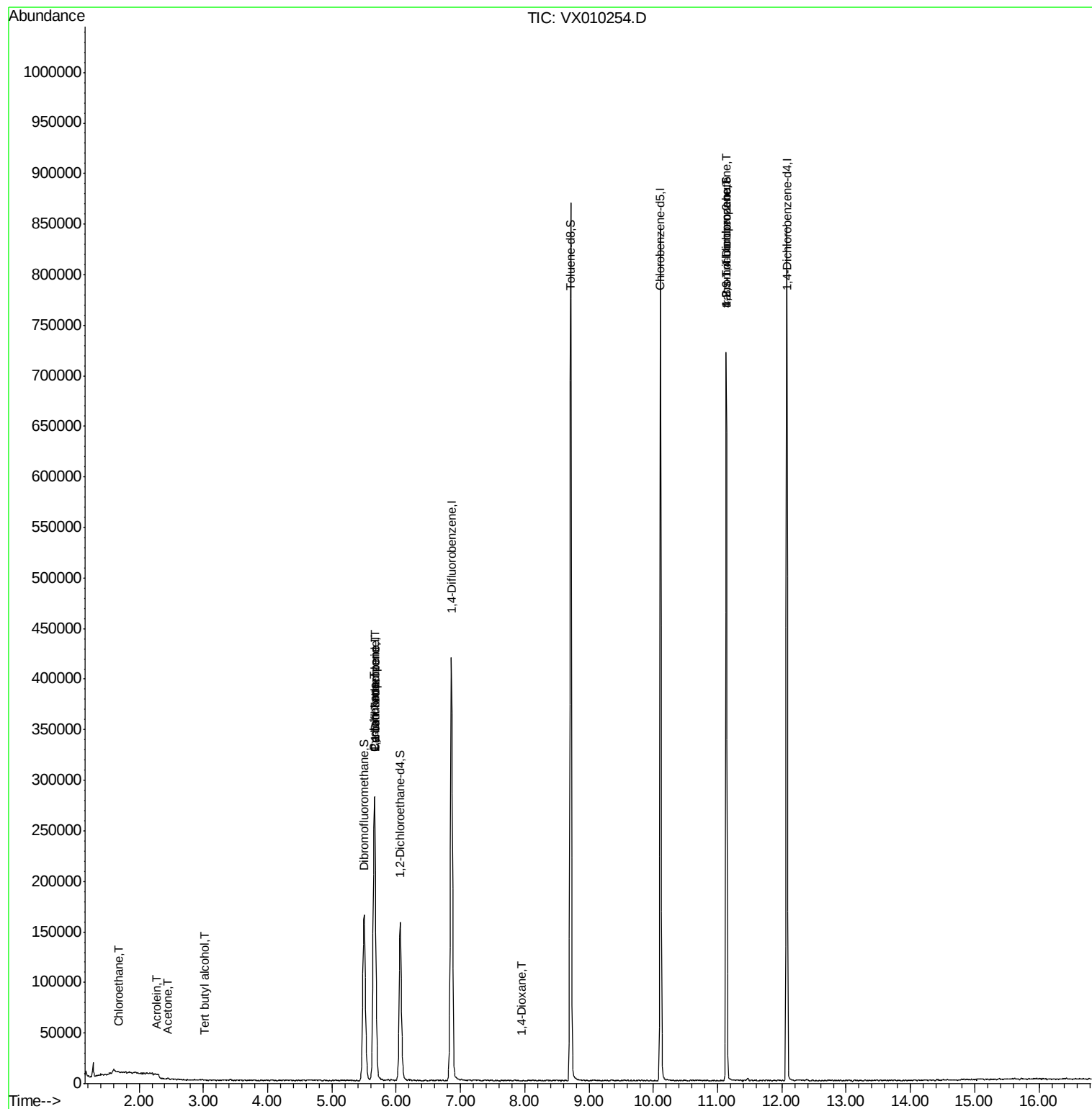
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	1501	1.131	ug/l #	43
11) Tert butyl alcohol	3.02	59	253	0.345	ug/l	97
13) Acrolein	2.28	56	125	0.935	ug/l #	76
16) Acetone	2.45	43	1662	1.181	ug/l #	67
31) Cyclohexane	5.65	56	5151	1.183	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17846	4.730	ug/l #	53
38) Carbon Tetrachloride	5.67	117	26451	6.194	ug/l #	16
49) 1,4-Dioxane	7.95	88	20	0.229	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	83534	21.536	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	83534	47.583	ug/l #	10

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

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ClientSampleId :

Quant Time: Jun 13 01:27:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 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: VX010254.D

Acq: 12 Jun 2019 16:35

Instrument :

MSVOA_X

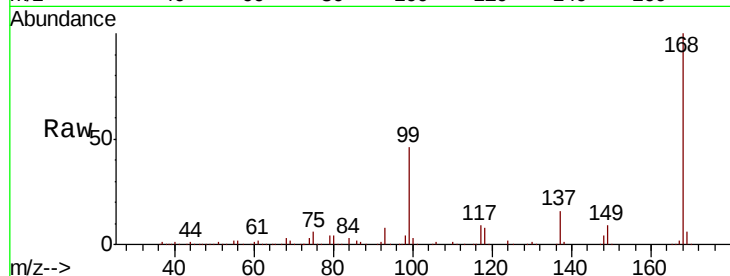
ClientSampled :

Tot Ion:168 Resp: 306613

Ion Ratio Lower Upper

168 100

99 46.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

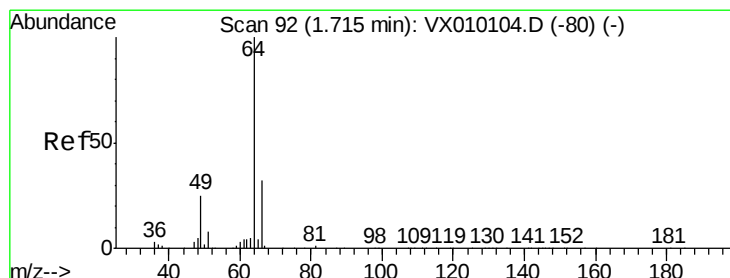
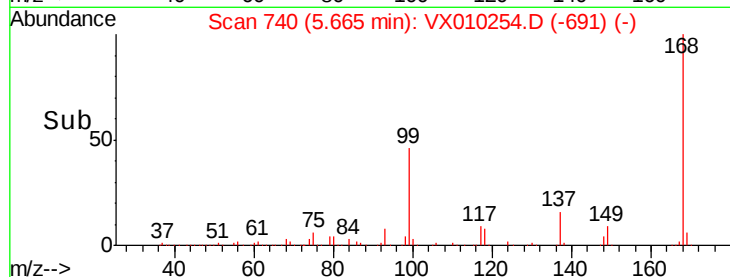
40000

20000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: 1.131 ug/l

RT: 1.68 min Scan# 86

Delta R.T. -0.04 min

Lab File: VX010254.D

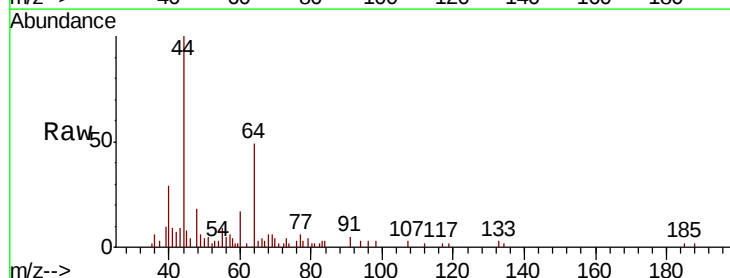
Acq: 12 Jun 2019 16:35

Tgt Ion: 64 Resp: 1501

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

1.68

1500

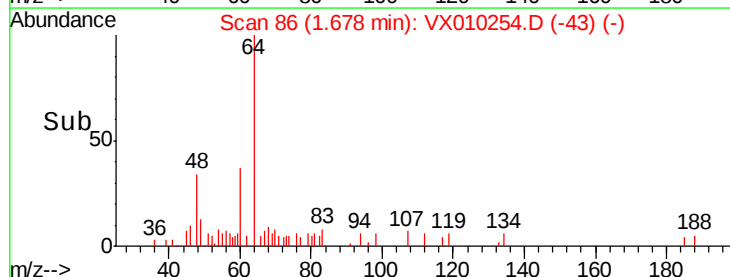
1000

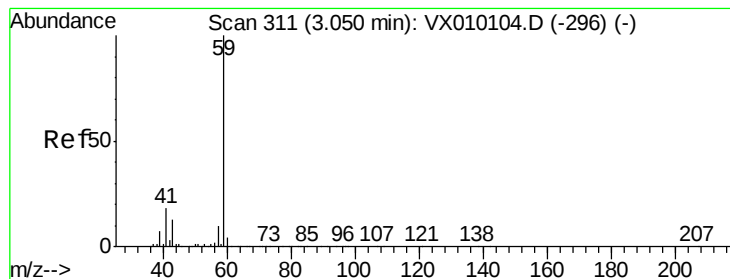
500

0

Time-->

1.60 1.65 1.70



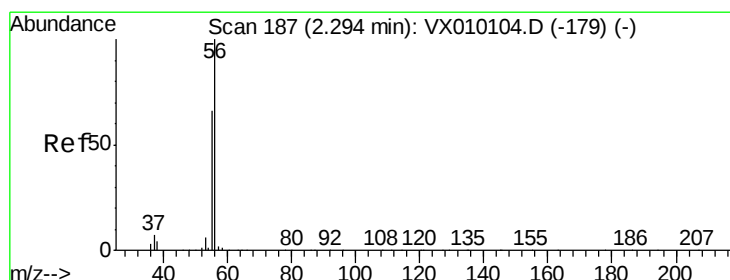
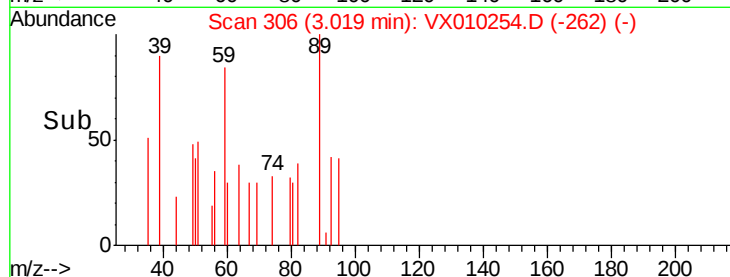
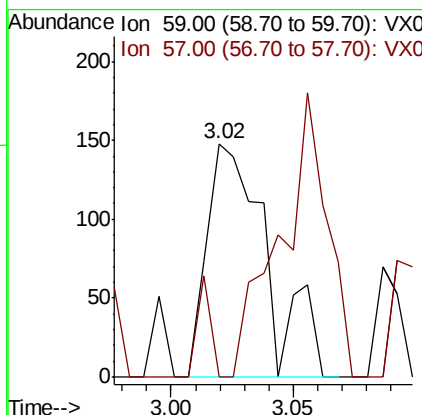
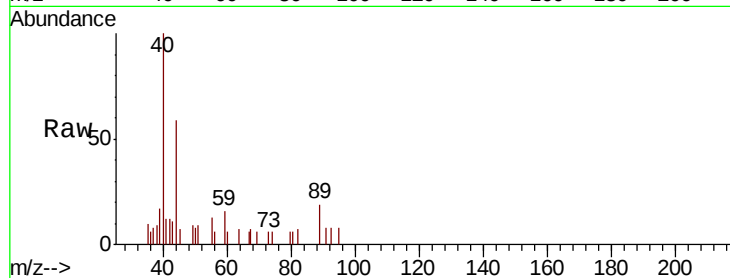


#11

Tert butyl alcohol
Concen: 0.345 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

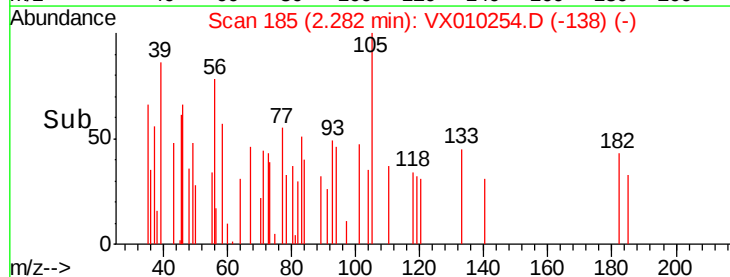
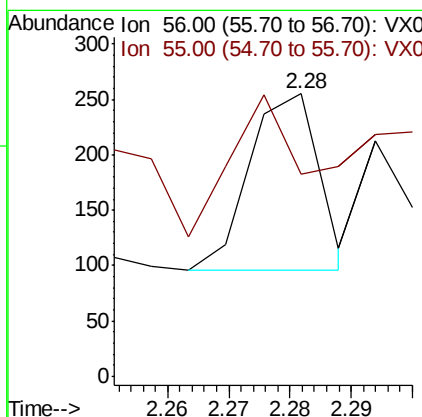
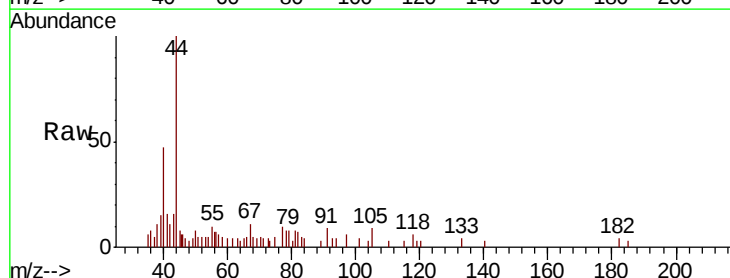
Tot Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2

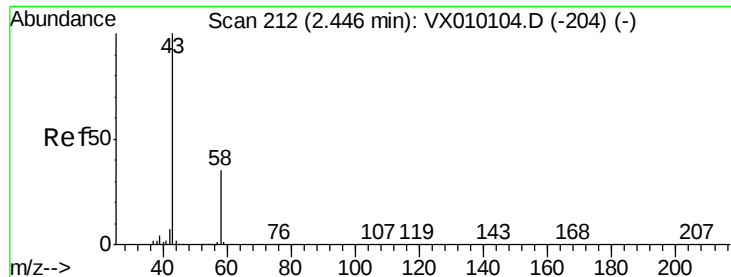


#13

Acrolein
Concen: 0.935 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 91.2 57.0 85.4#

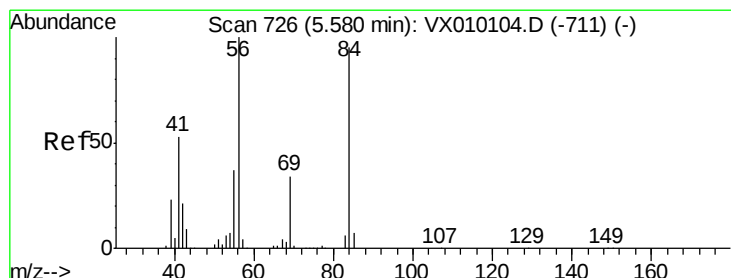
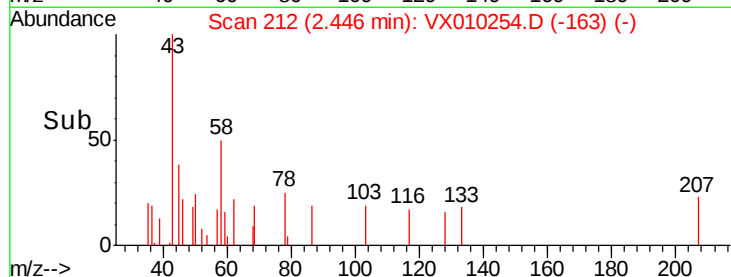
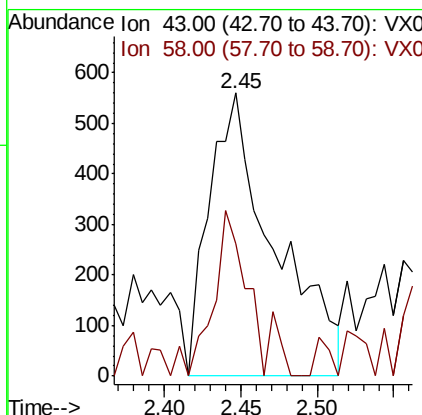
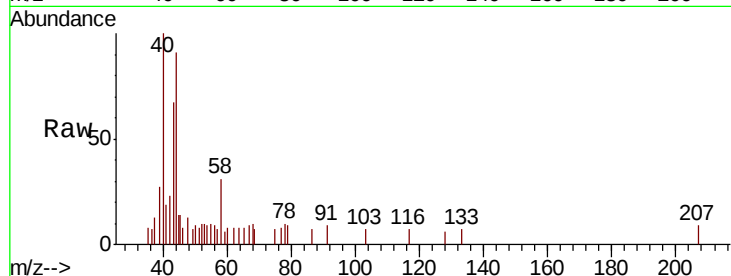




#16
Acetone
Concen: 1.181 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

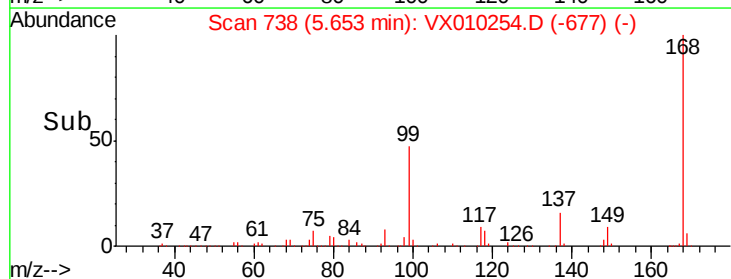
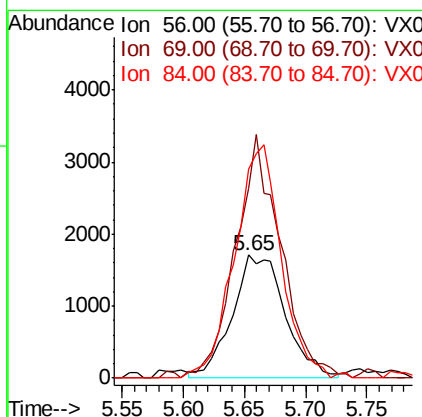
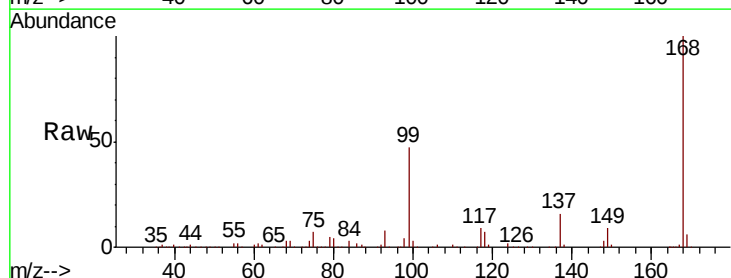
Instrument :
MSVOA_X
ClientSampled :

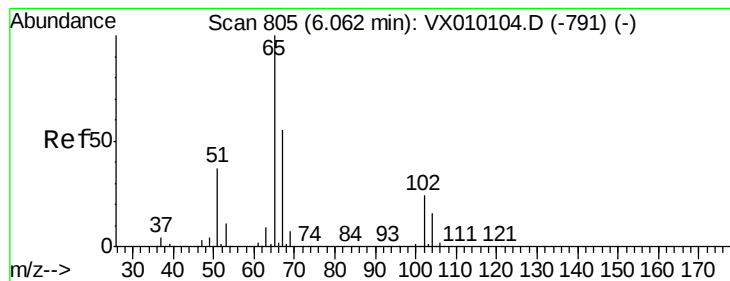
Tot Ion: 43 Resp: 1662
Ion Ratio Lower Upper
43 100
58 46.6 23.2 34.8#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Tgt Ion: 56 Resp: 5151
Ion Ratio Lower Upper
56 100
69 155.1 21.6 32.4#
84 171.5 56.8 85.2#





#33

1,2-Dichloroethane-d4

Concen: 46.933 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010254.D

Acq: 12 Jun 2019 16:35

Instrument :

MSVOA_X

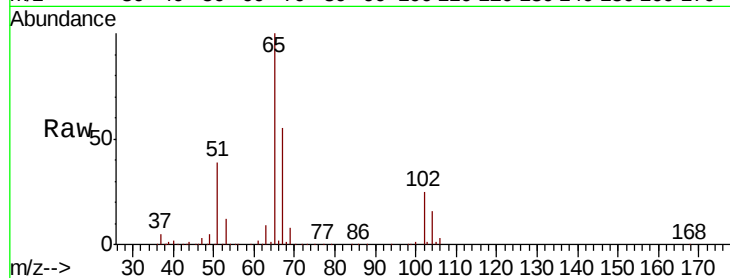
ClientSampleId :

Tot Ion: 65 Resp: 140466

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

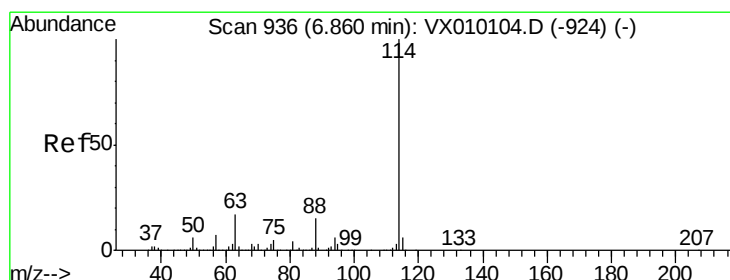
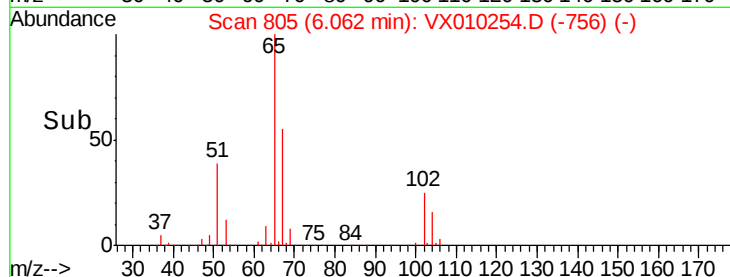
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010254.D

Acq: 12 Jun 2019 16:35

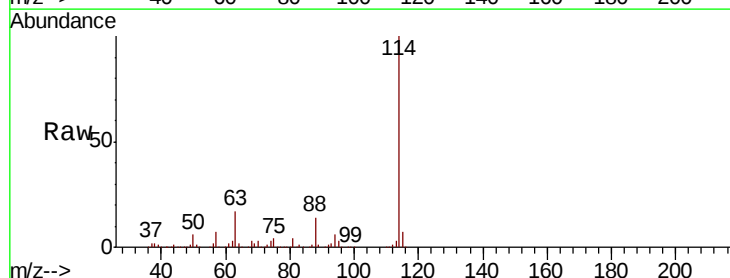
Tgt Ion: 114 Resp: 462431

Ion Ratio Lower Upper

114 100

63 16.8 0.0 47.4

88 14.4 0.0 33.0



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

250000

200000

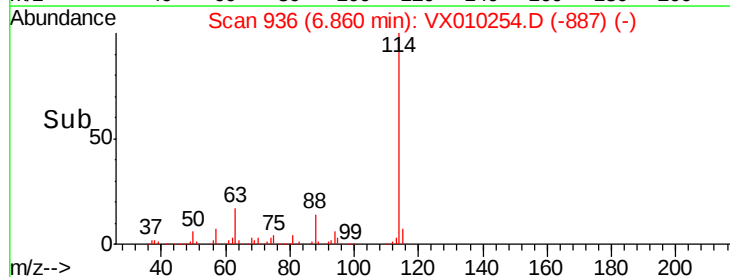
150000

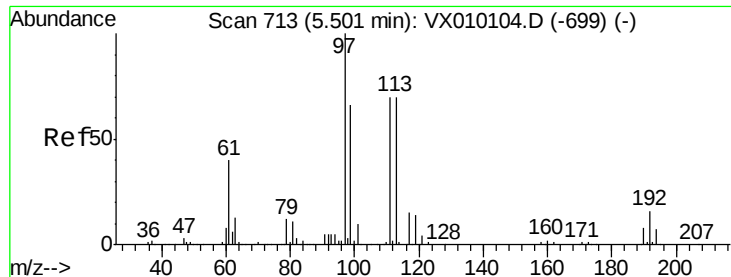
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

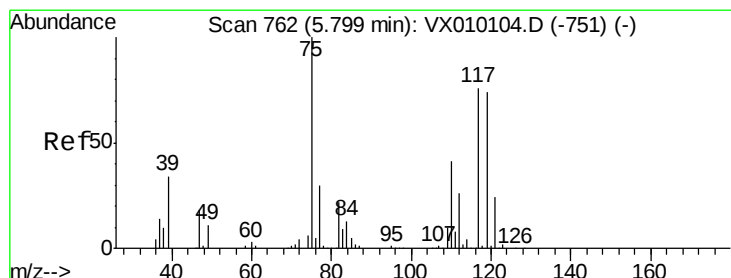
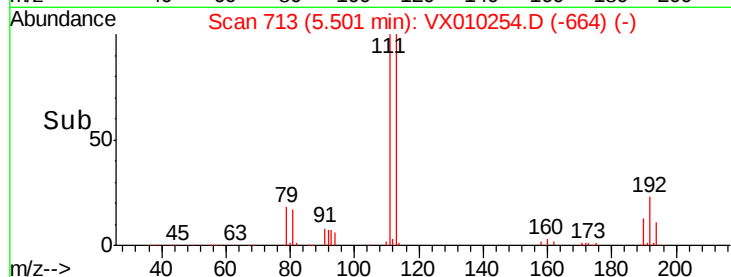
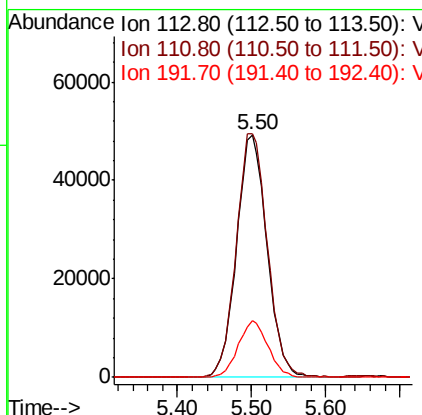
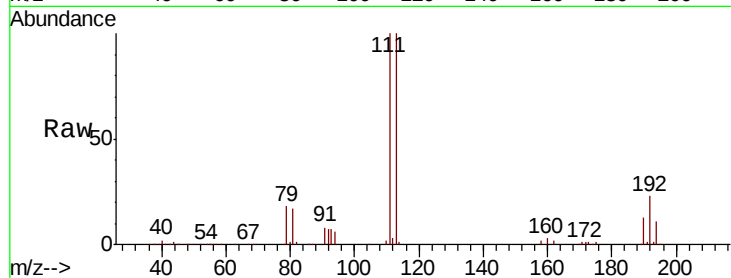




#35
Dibromofluoromethane
Concen: 49.495 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

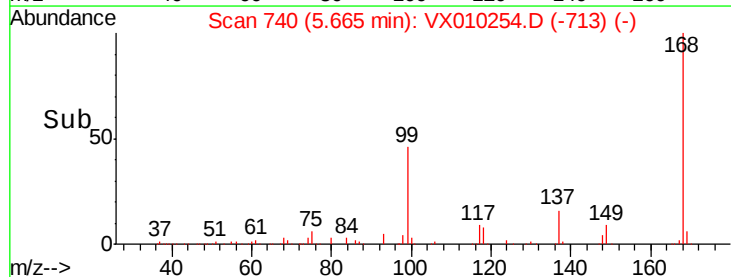
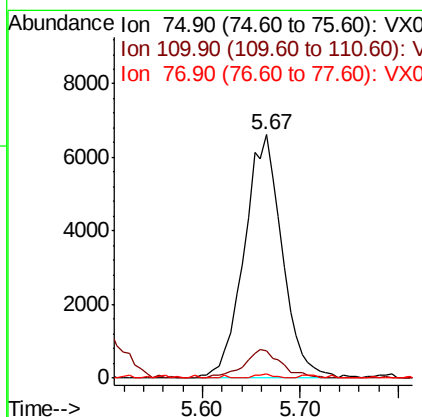
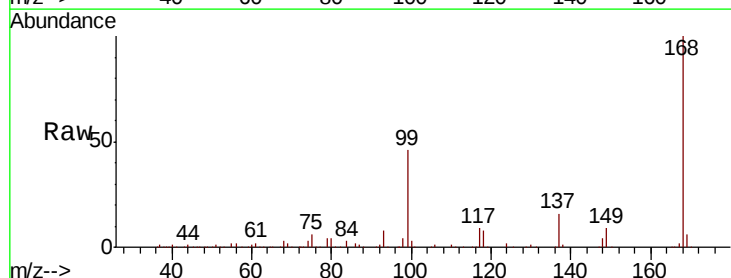
Instrument :
MSVOA_X
ClientSampleId :

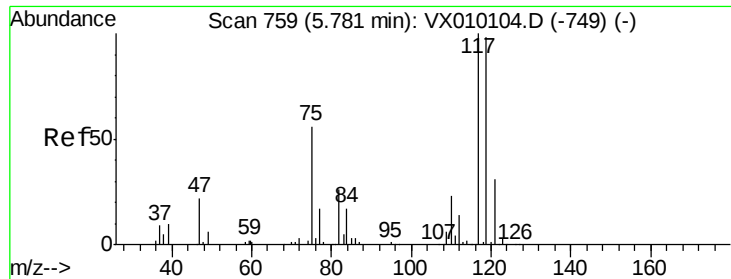
Tot Ion:113 Resp: 141179
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 22.9 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Tgt Ion: 75 Resp: 17846
Ion Ratio Lower Upper
75 100
110 11.6 16.7 50.1#
77 0.7 25.0 37.4#

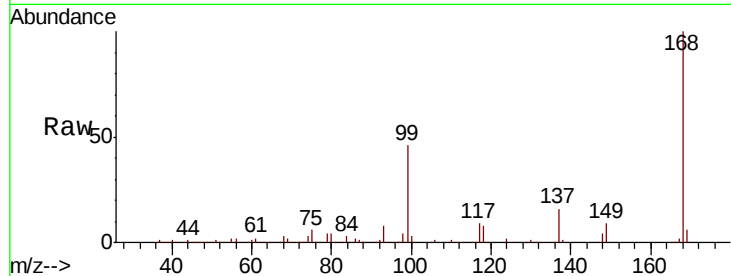




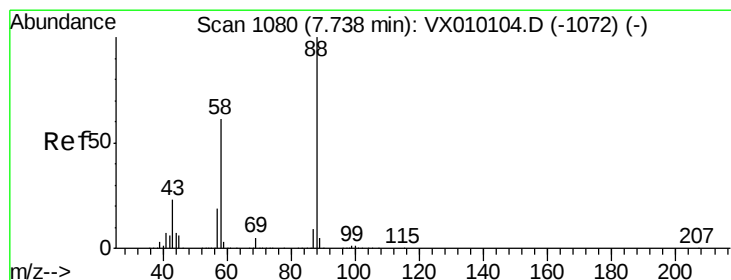
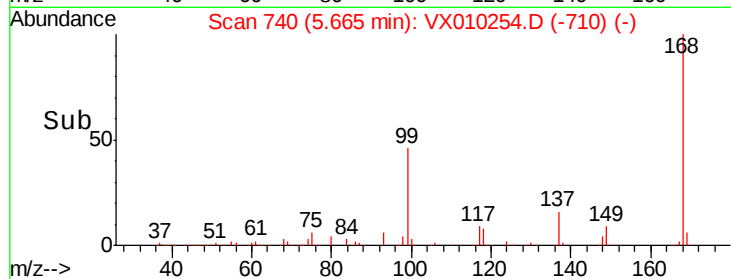
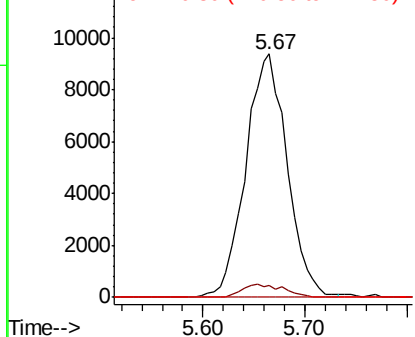
#38
Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 26451
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 25.4 38.0#

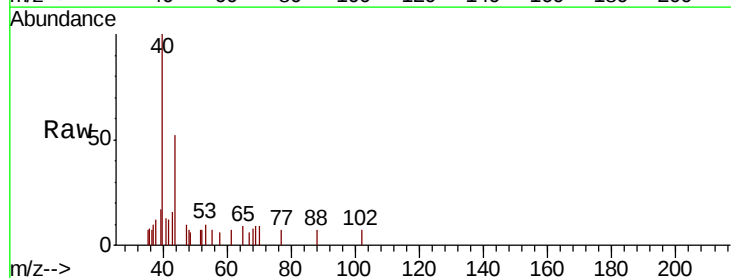


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

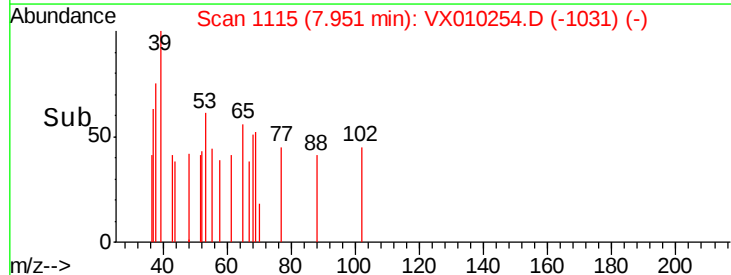
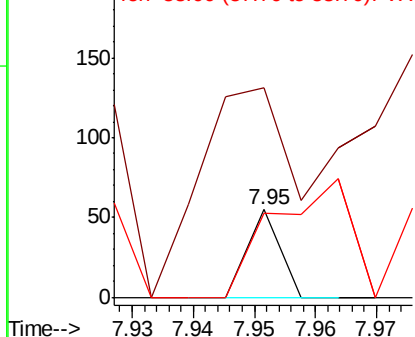


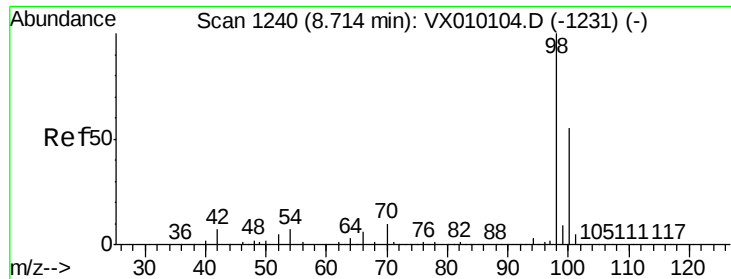
#49
1,4-Dioxane
Concen: 0.229 ug/l
RT: 7.95 min Scan# 1115
Delta R.T. 0.21 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 690.0 30.2 45.4#
58 0.0 64.0 96.0#



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: 50.774 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010254.D

Acq: 12 Jun 2019 16:35

Instrument :

MSVOA_X

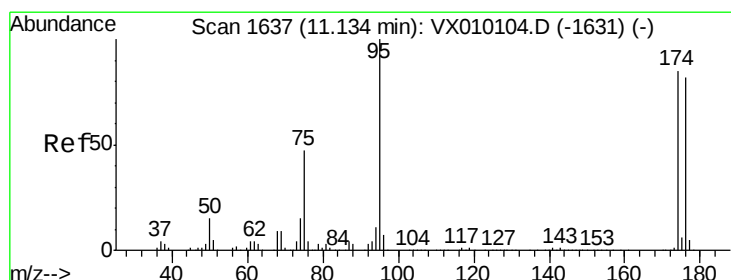
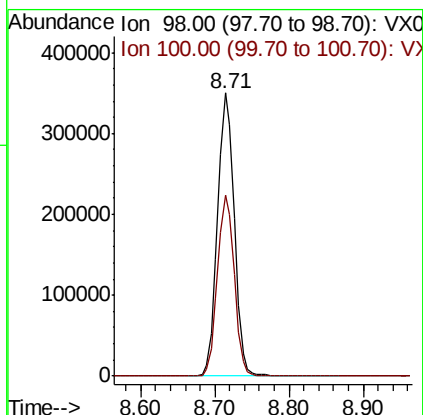
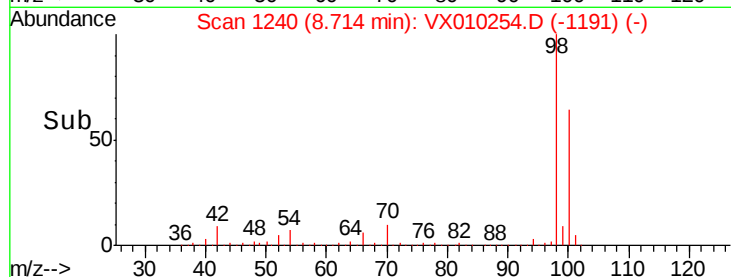
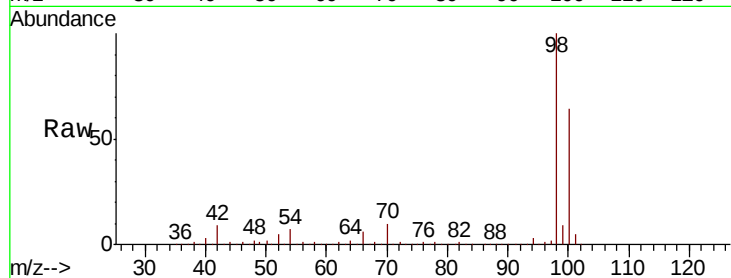
ClientSampleId :

Tot Ion: 98 Resp: 542787

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.088 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010254.D

Acq: 12 Jun 2019 16:35

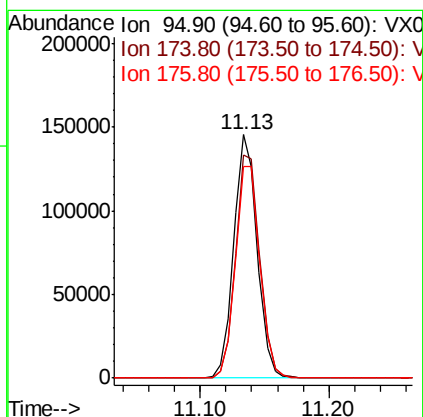
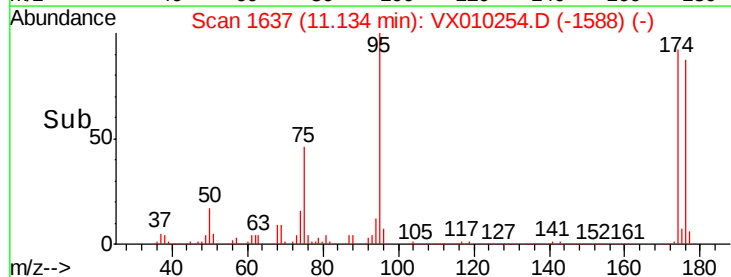
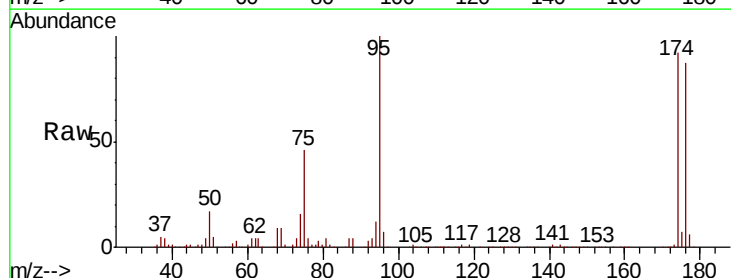
Tgt Ion: 95 Resp: 184002

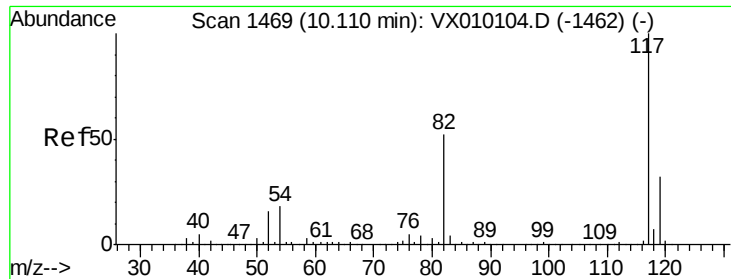
Ion Ratio Lower Upper

95 100

174 95.0 0.0 160.4

176 91.4 0.0 154.6

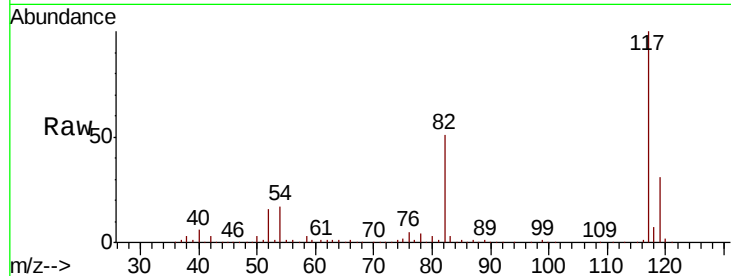




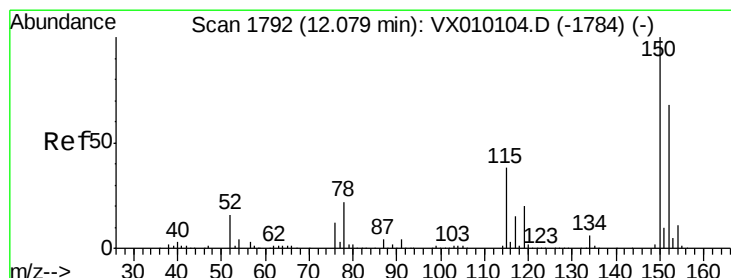
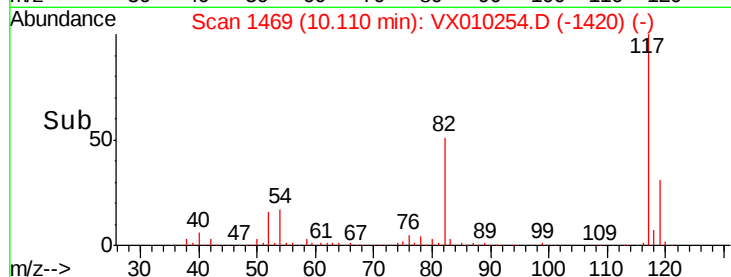
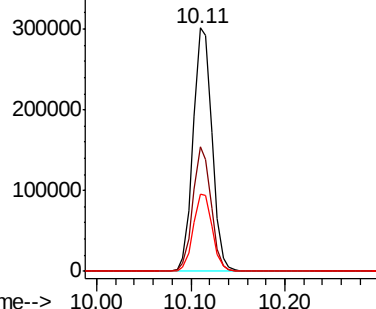
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 418824
Ion Ratio Lower Upper
117 100
82 50.9 49.2 73.8
119 31.5 25.2 37.8

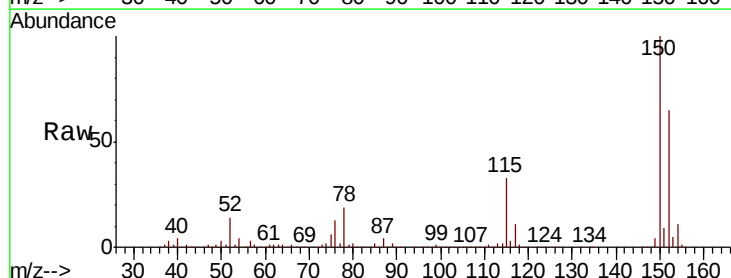


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

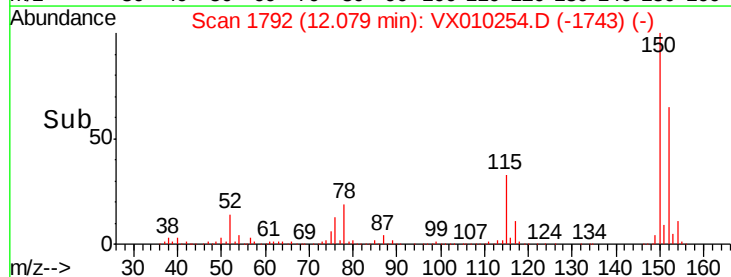
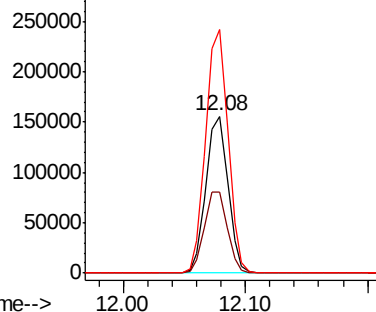


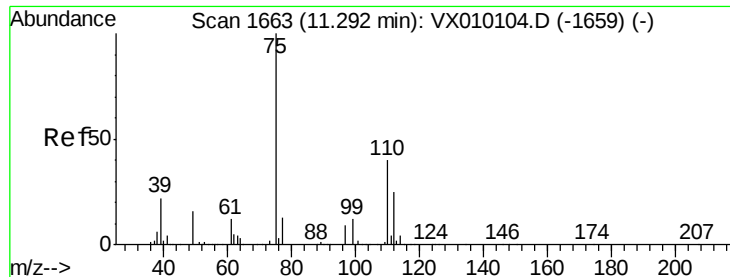
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010254.D
Acq: 12 Jun 2019 16:35

Tgt Ion:152 Resp: 193918
Ion Ratio Lower Upper
152 100
115 53.7 41.4 124.2
150 157.3 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: 21.536 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010254.D

Acq: 12 Jun 2019 16:35

Instrument :

MSVOA_X

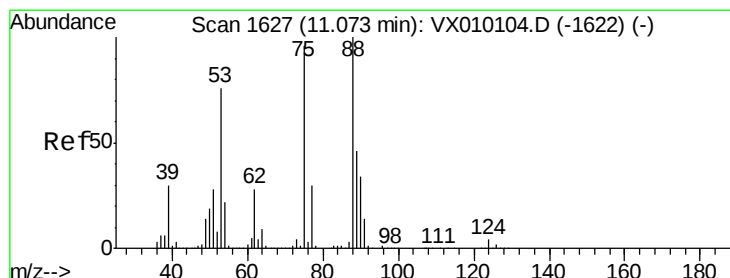
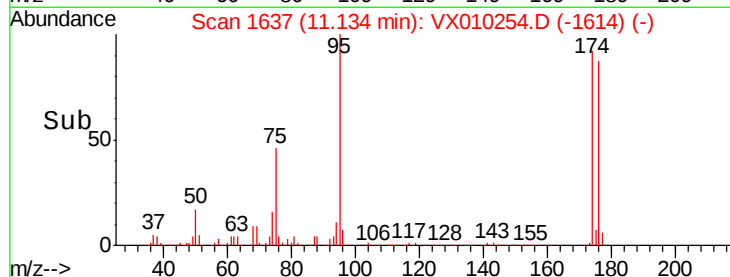
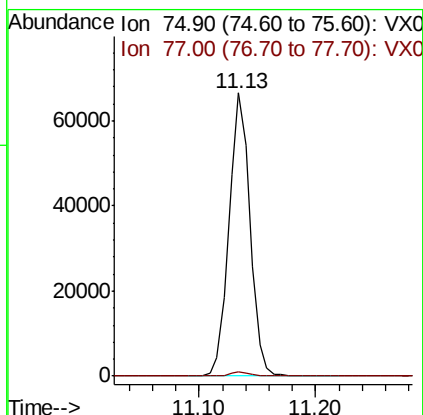
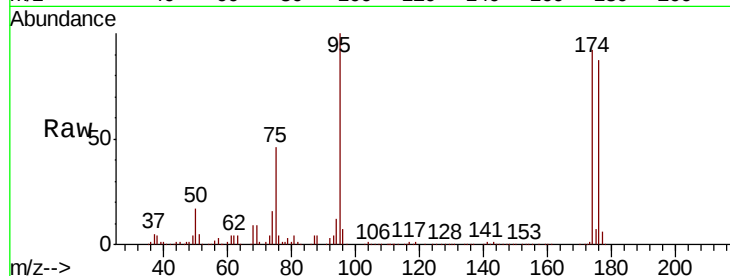
ClientSampleId :

Tot Ion: 75 Resp: 83534

Ion Ratio Lower Upper

75 100

77 1.5 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.583 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010254.D

Acq: 12 Jun 2019 16:35

Tgt Ion: 75 Resp: 83534

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.0 34.2 51.4#

