

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010243.D
 Acq On : 12 Jun 2019 12:17
 Operator : JC/SP
 Sample : K3309-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:25:16 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	330613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209804	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	149763	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.82%		
35) Dibromofluoromethane	5.50	113	153944	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.74%		
50) Toluene-d8	8.71	98	584940	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.12%		
62) 4-Bromofluorobenzene	11.13	95	199315	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.26%		

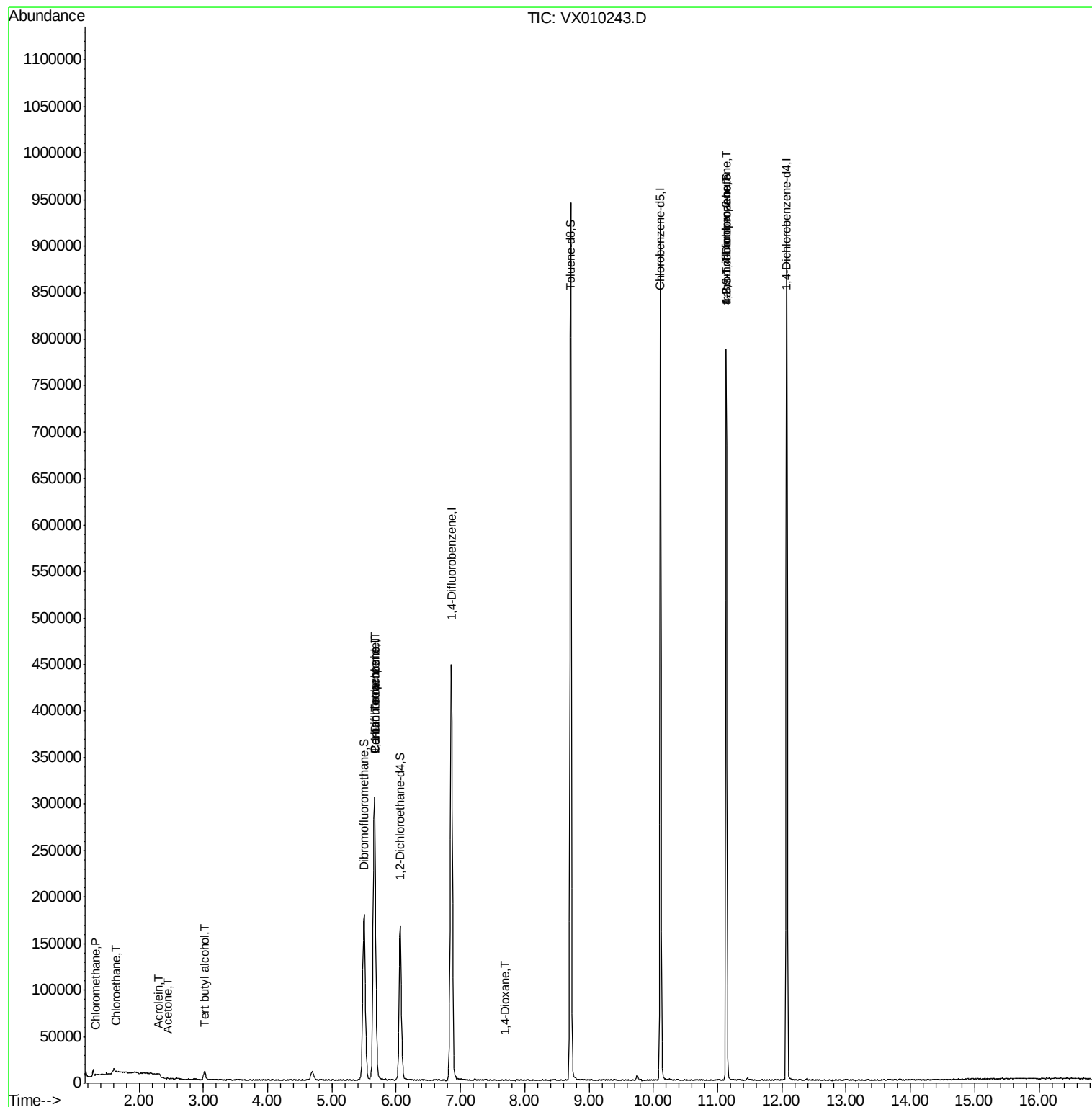
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	606	0.201	ug/l #	63
6) Chloroethane	1.65	64	2555	1.785	ug/l #	55
11) Tert butyl alcohol	3.01	59	4787	6.055	ug/l #	91
13) Acrolein	2.31	56	70	0.486	ug/l #	1
16) Acetone	2.44	43	923	0.608	ug/l #	86
36) 1,1-Dichloropropene	5.66	75	19339	4.736	ug/l #	52
38) Carbon Tetrachloride	5.67	117	28225	6.107	ug/l #	15
49) 1,4-Dioxane	7.70	88	67	0.707	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	90706	21.615	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	90706	47.756	ug/l #	10

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

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ClientSampleId :

Quant Time: Jun 13 01:25:16 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: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

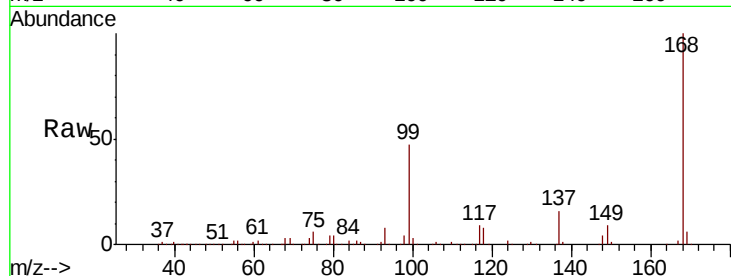
ClientSampled :

Tot Ion:168 Resp: 330613

Ion Ratio Lower Upper

168 100

99 47.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

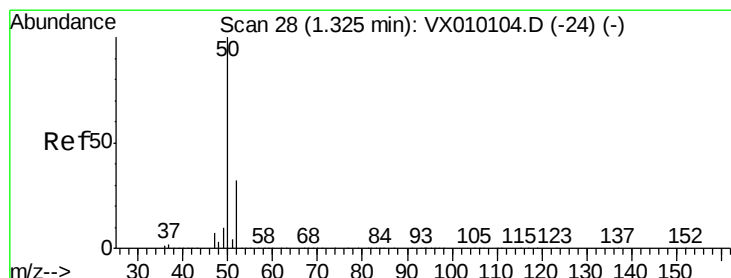
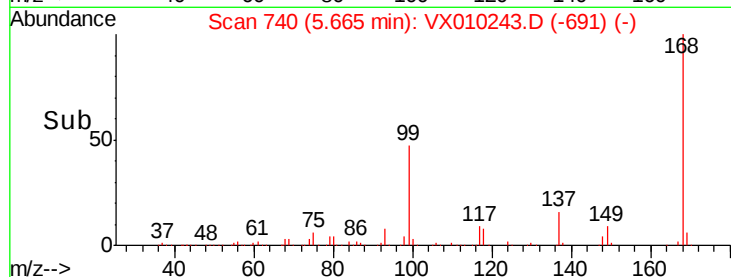
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.201 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010243.D

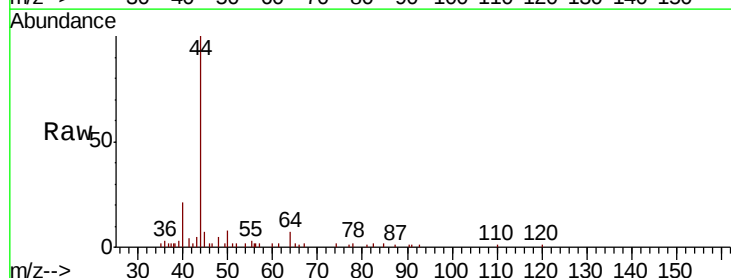
Acq: 12 Jun 2019 12:17

Tgt Ion: 50 Resp: 606

Ion Ratio Lower Upper

50 100

52 11.9 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

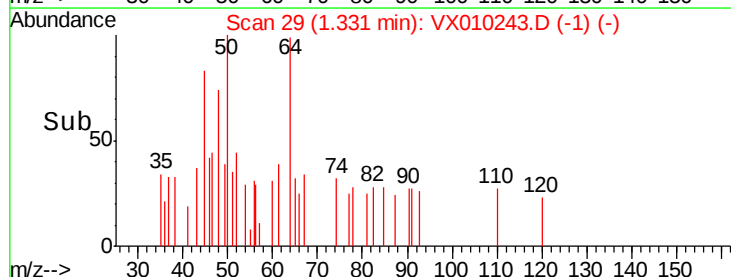
300

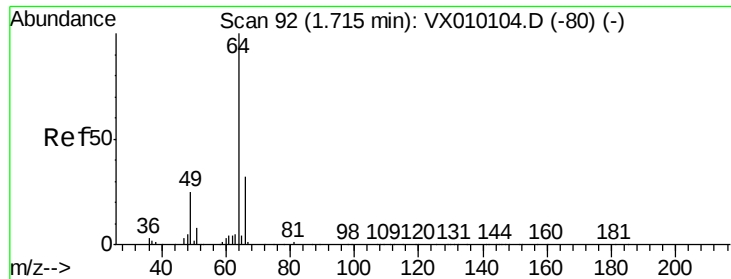
200

100

0

Time--> 1.30 1.35





#6

Chloroethane

Concen: 1.785 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.07 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

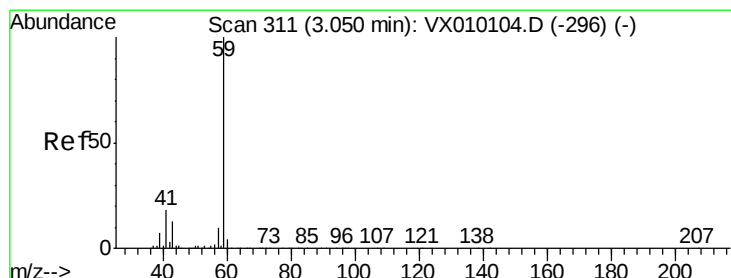
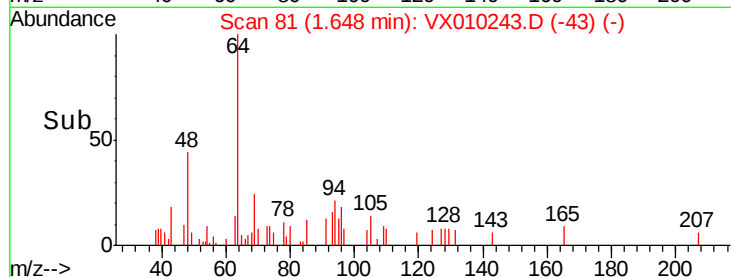
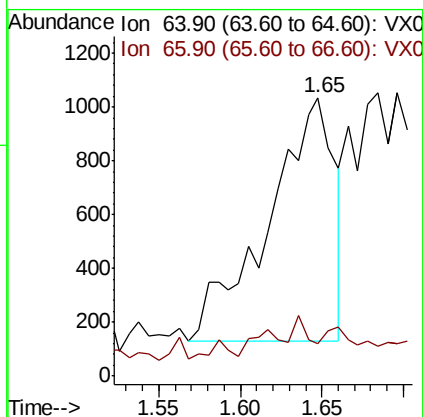
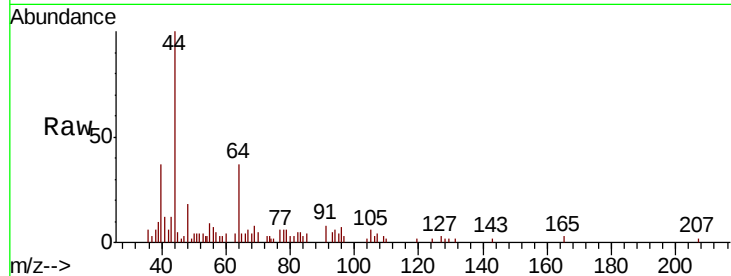
ClientSampleId :

Tot Ion: 64 Resp: 2555

Ion Ratio Lower Upper

64 100

66 6.7 25.1 37.7#



#11

Tert butyl alcohol

Concen: 6.055 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX010243.D

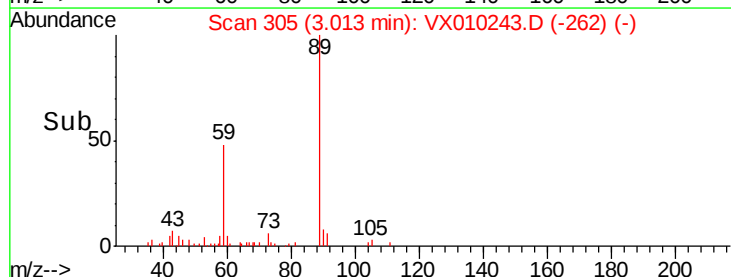
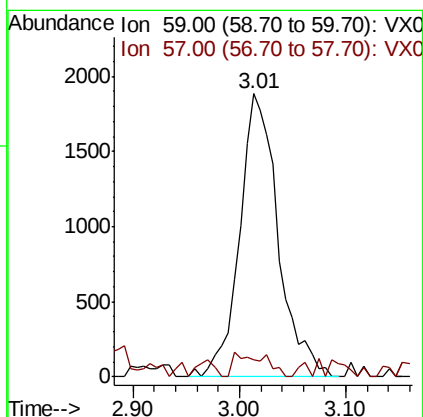
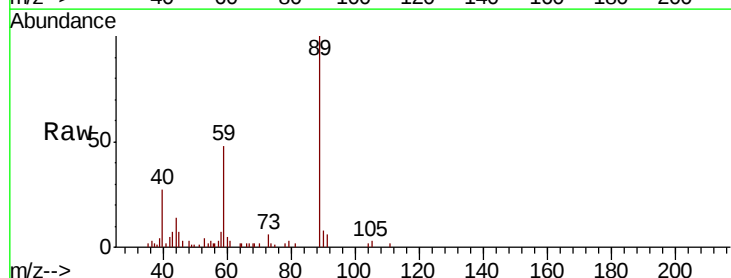
Acq: 12 Jun 2019 12:17

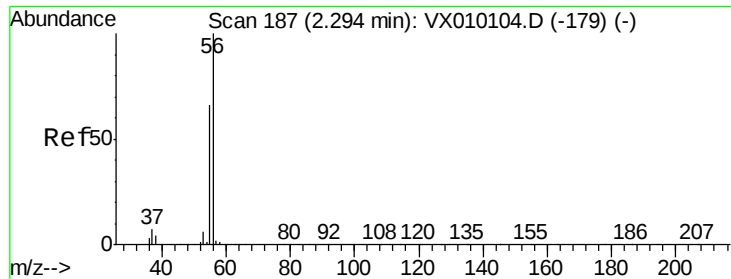
Tgt Ion: 59 Resp: 4787

Ion Ratio Lower Upper

59 100

57 7.0 8.2 12.2#





#13

Acrolein

Concen: 0.486 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

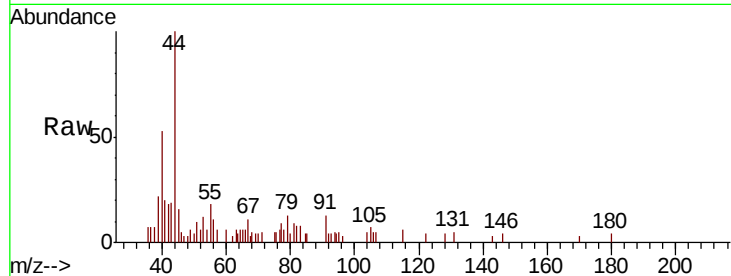
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 70

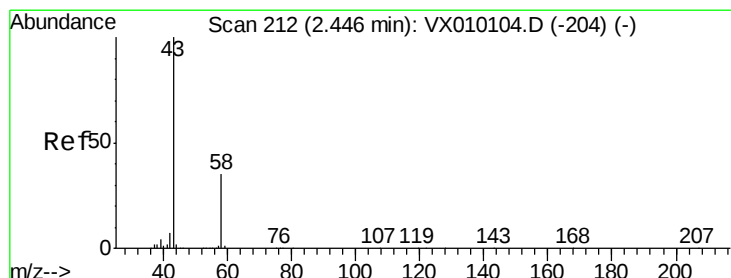
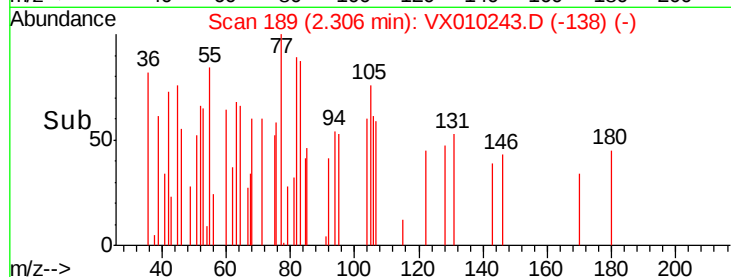
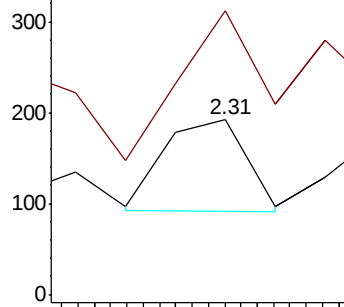
Ion Ratio Lower Upper

56 100

55 412.9 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.608 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010243.D

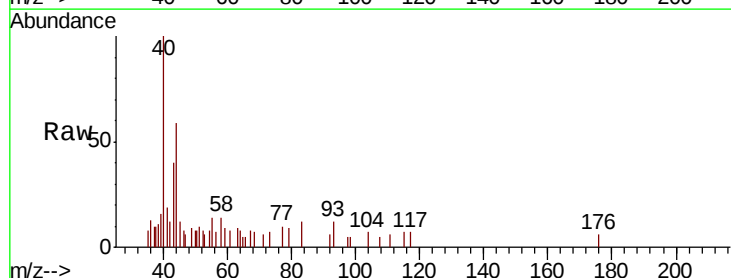
Acq: 12 Jun 2019 12:17

Tgt Ion: 43 Resp: 923

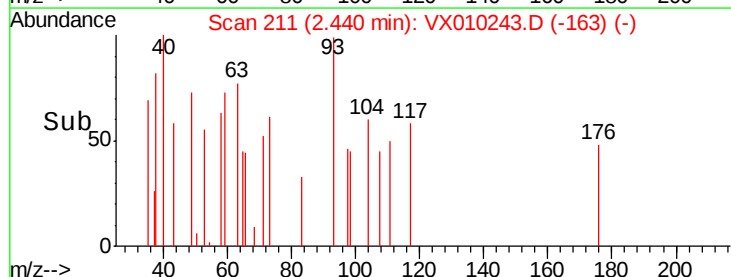
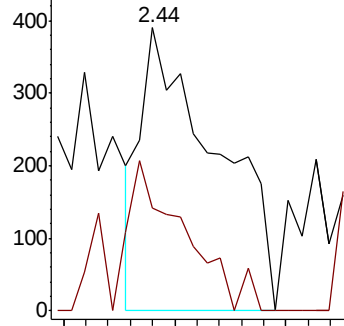
Ion Ratio Lower Upper

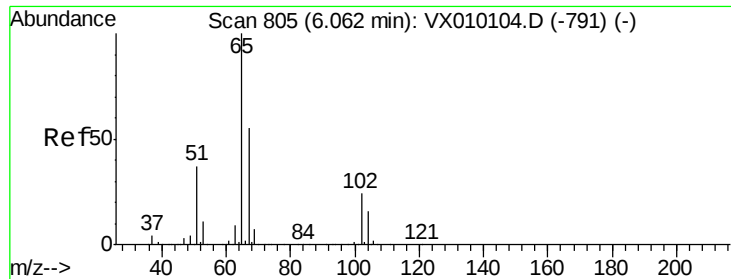
43 100

58 36.4 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

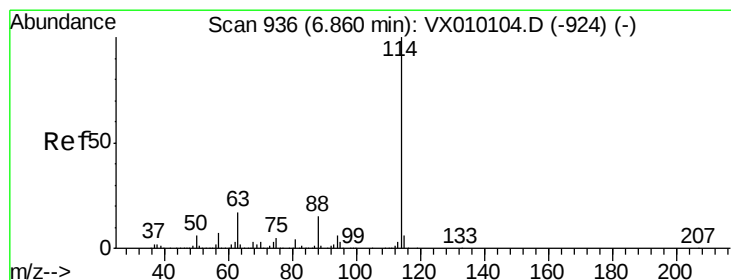
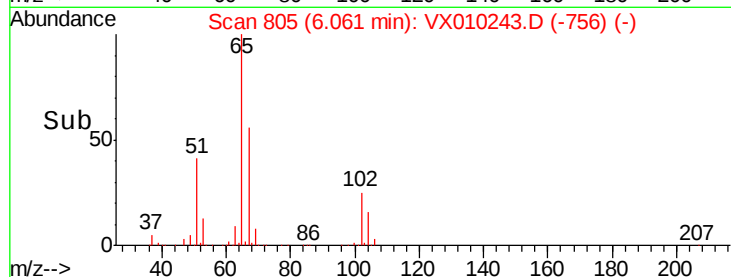
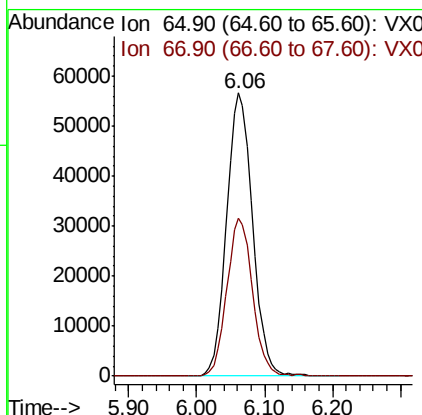
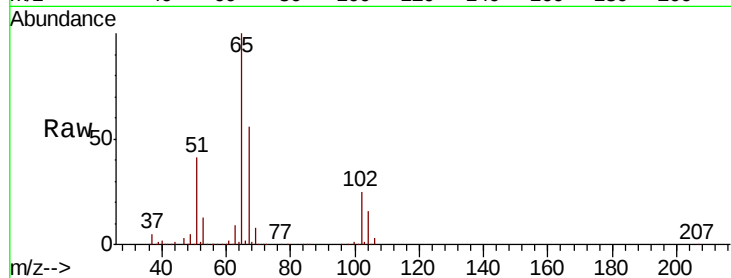




#33
 1,2-Dichloroethane-d4
 Concen: 46.407 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010243.D
 Acq: 12 Jun 2019 12:17

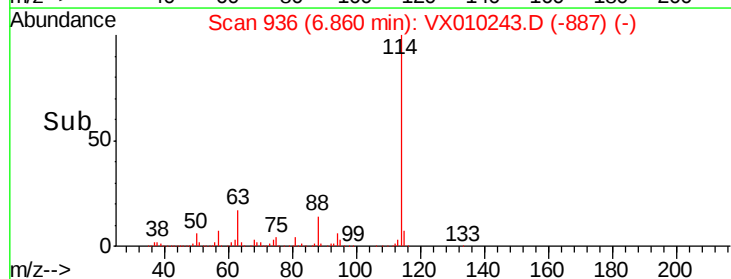
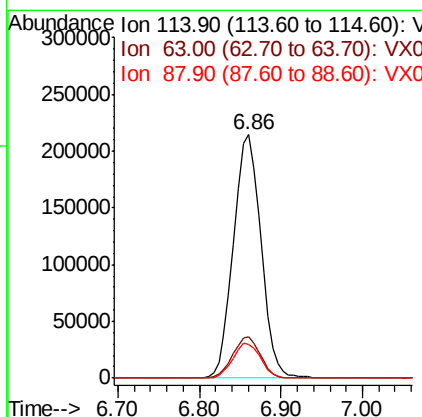
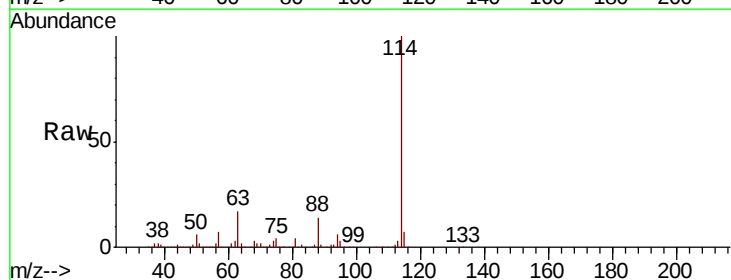
Instrument :
 MSVOA_X
 ClientSampleId :

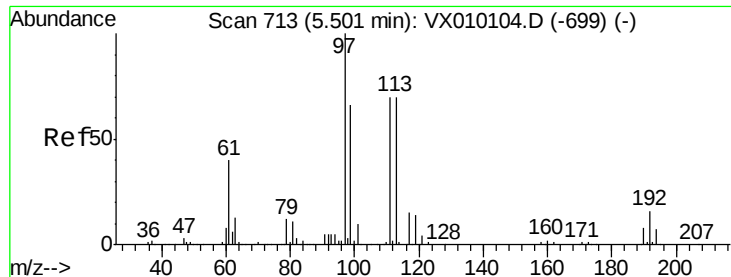
Tot Ion: 65 Resp: 149763
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010243.D
 Acq: 12 Jun 2019 12:17

Tgt Ion: 114 Resp: 500493
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 47.4
 88 13.9 0.0 33.0

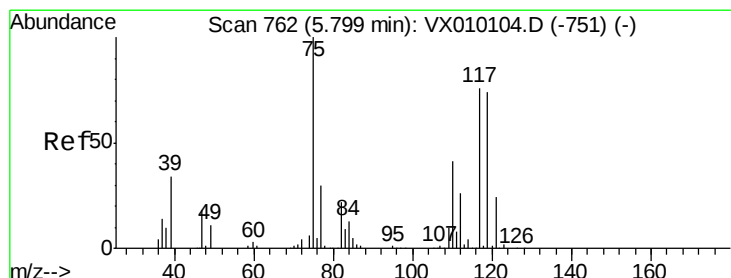
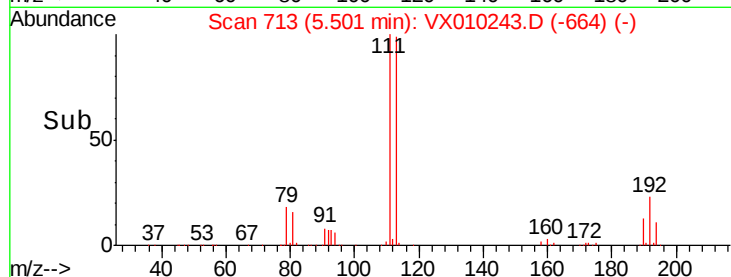
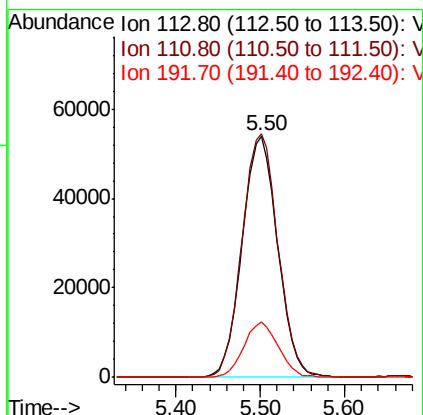
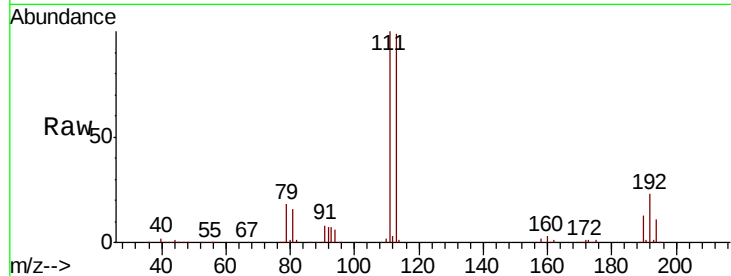




#35
Dibromofluoromethane
Concen: 49.866 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

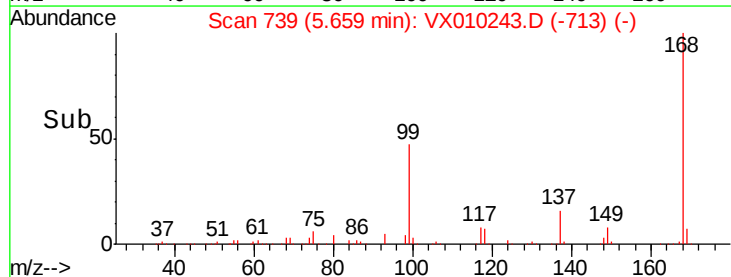
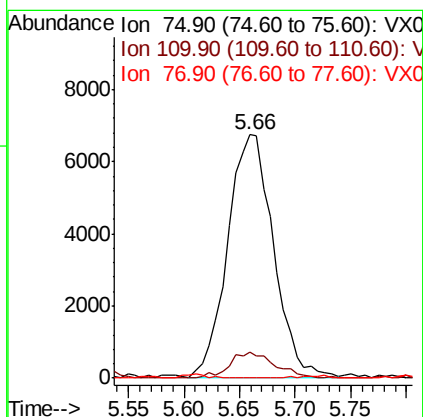
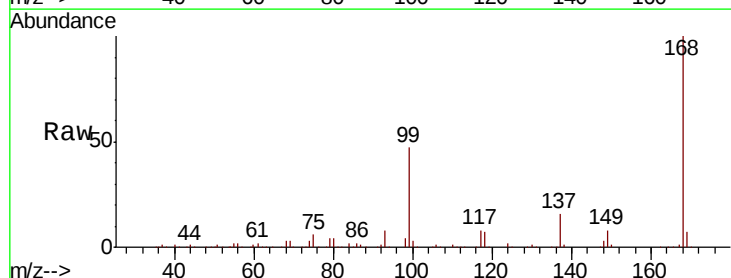
Instrument :
MSVOA_X
ClientSampleId :

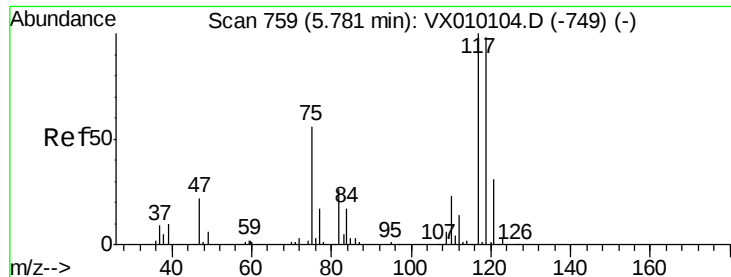
Tot Ion:113 Resp: 153944
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 22.4 17.1 25.7



#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

Tgt Ion: 75 Resp: 19339
Ion Ratio Lower Upper
75 100
110 10.5 16.7 50.1#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.107 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

ClientSampled :

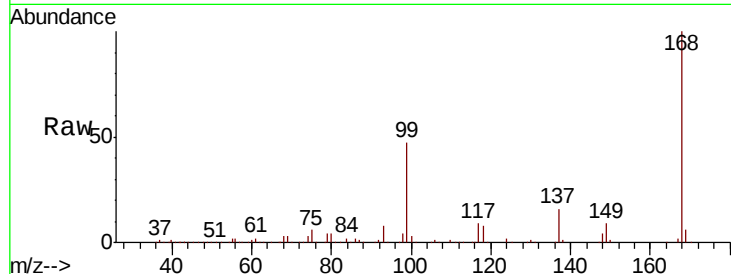
Tot Ion:117 Resp: 28225

Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

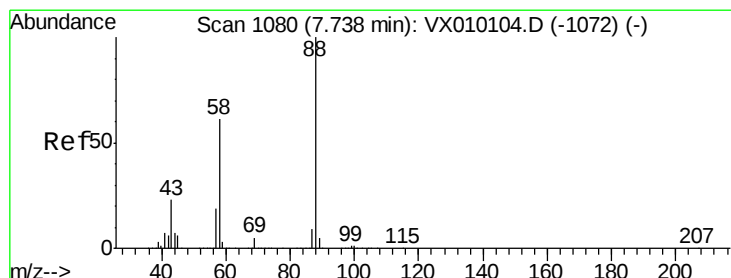
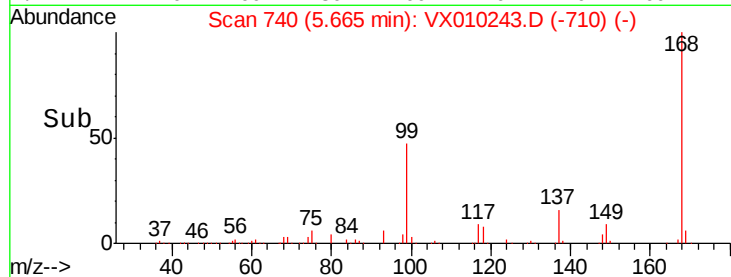
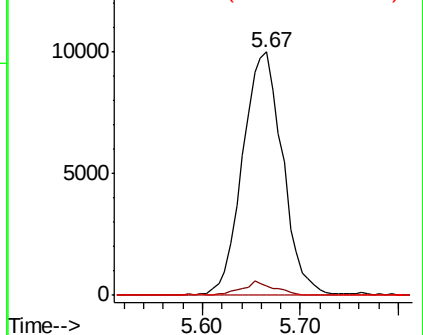
121 0.0 25.4 38.0#



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: 0.707 ug/l

RT: 7.70 min Scan# 1074

Delta R.T. -0.04 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

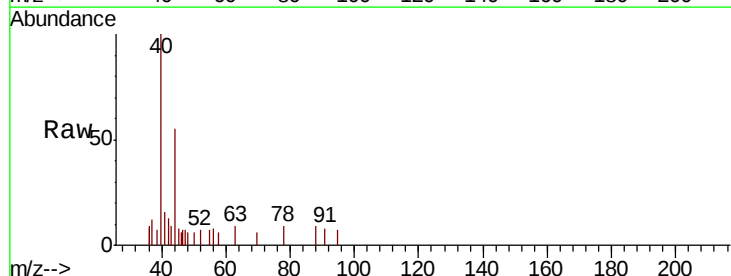
Tgt Ion: 88 Resp: 67

Ion Ratio Lower Upper

88 100

43 126.9 30.2 45.4#

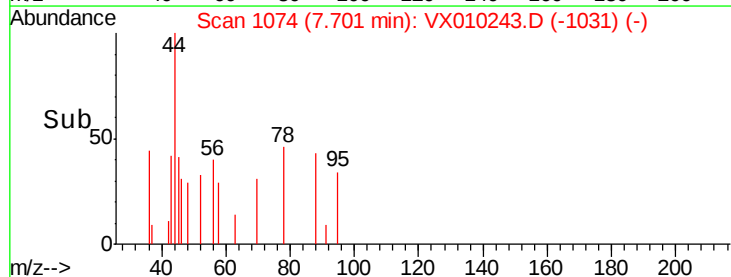
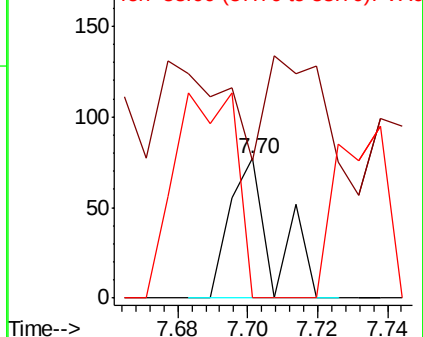
58 0.0 64.0 96.0#

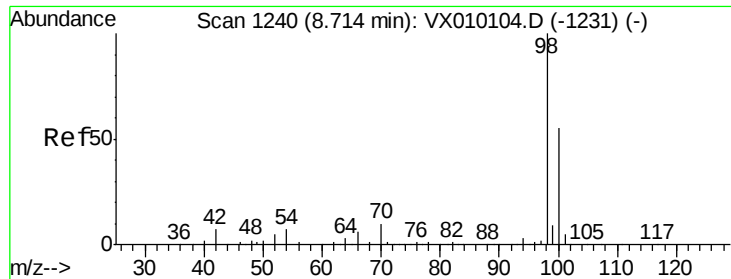


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

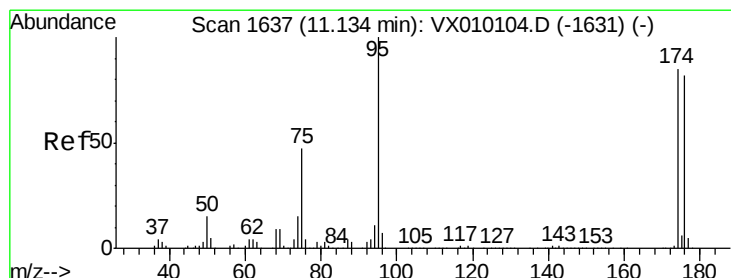
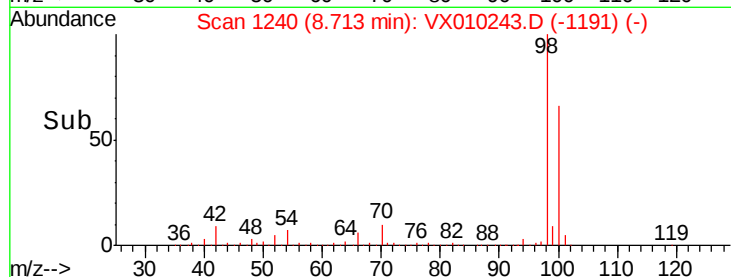
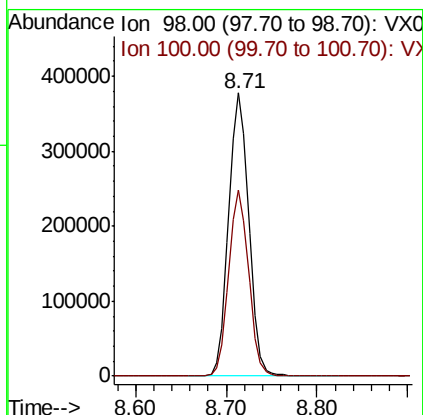
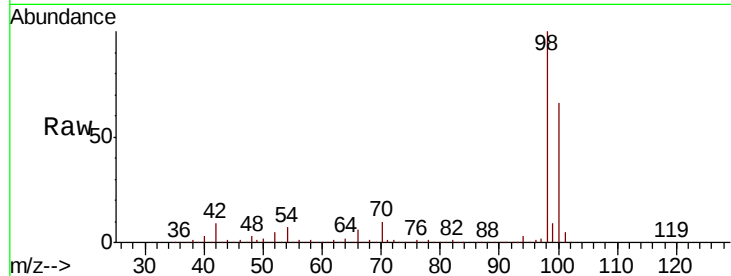




#50
Toluene-d8
Concen: 50.556 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

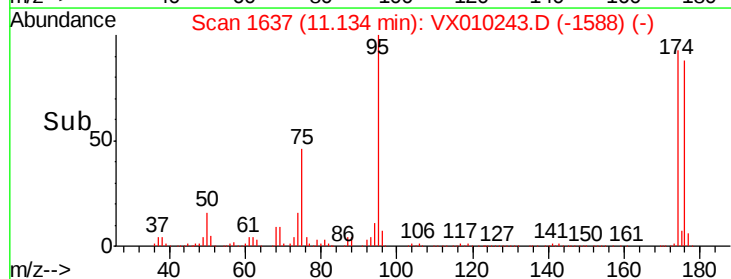
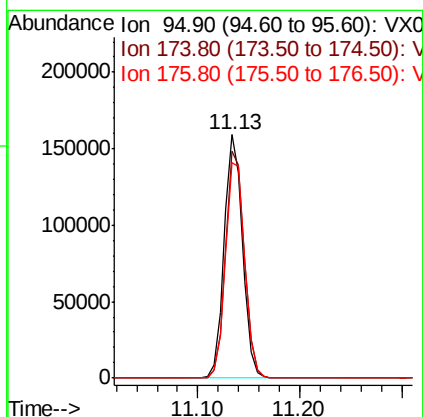
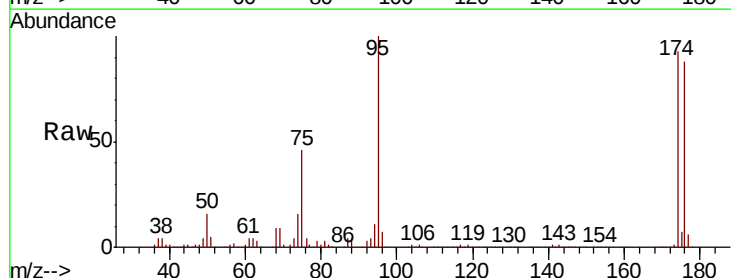
Instrument :
MSVOA_X
ClientSampleId :

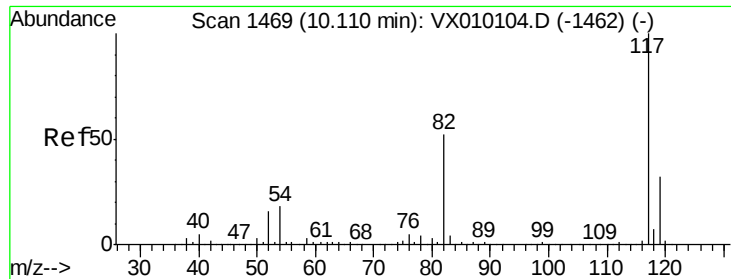
Tot Ion: 98 Resp: 584940
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.127 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

Tgt Ion: 95 Resp: 199315
Ion Ratio Lower Upper
95 100
174 94.9 0.0 160.4
176 92.6 0.0 154.6

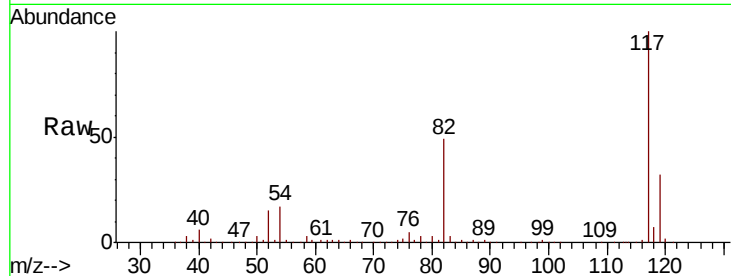




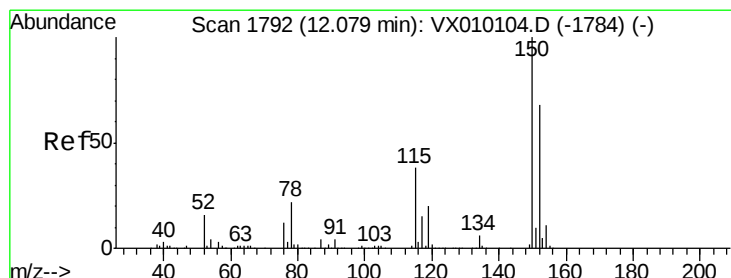
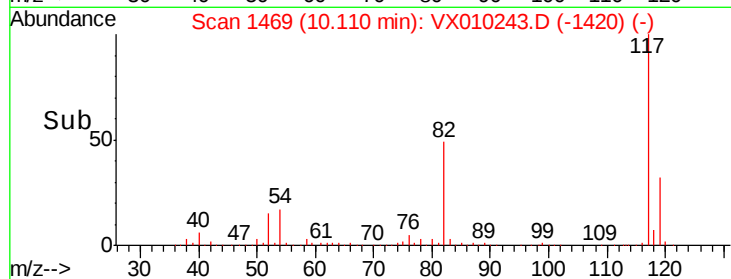
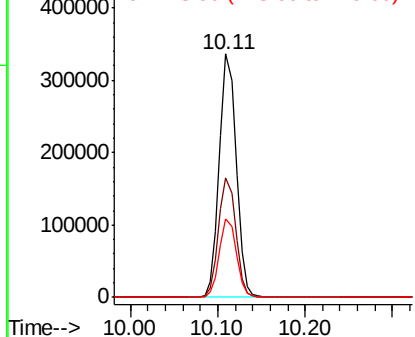
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 451907
Ion Ratio Lower Upper
117 100
82 49.2 49.2 73.8
119 32.1 25.2 37.8

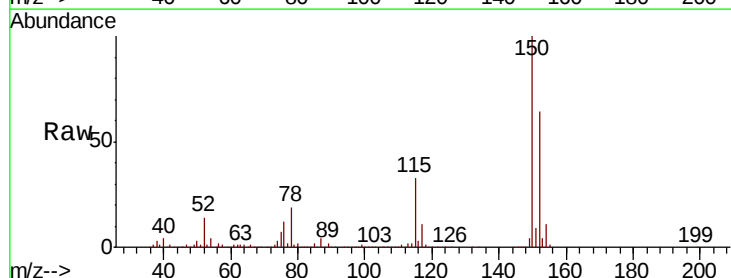


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

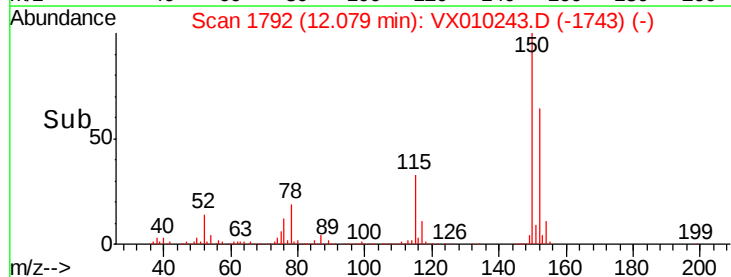
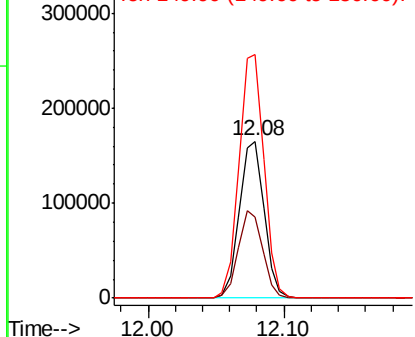


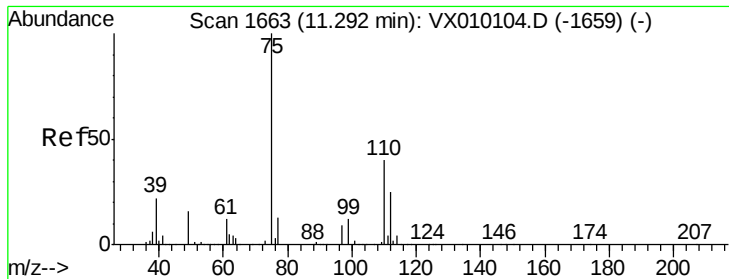
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010243.D
Acq: 12 Jun 2019 12:17

Tgt Ion:152 Resp: 209804
Ion Ratio Lower Upper
152 100
115 54.5 41.4 124.2
150 156.7 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: 21.615 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

Instrument :

MSVOA_X

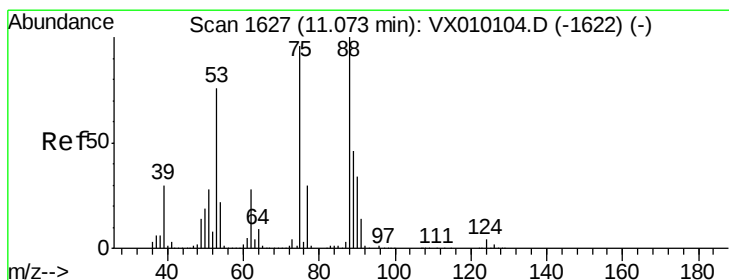
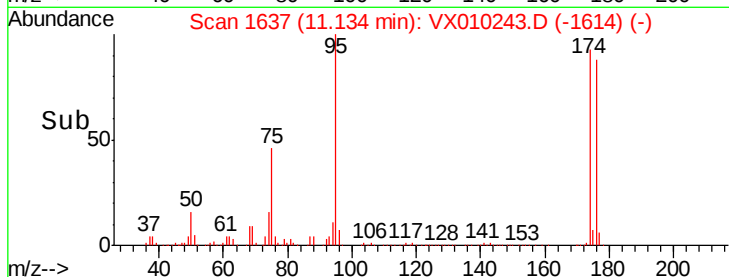
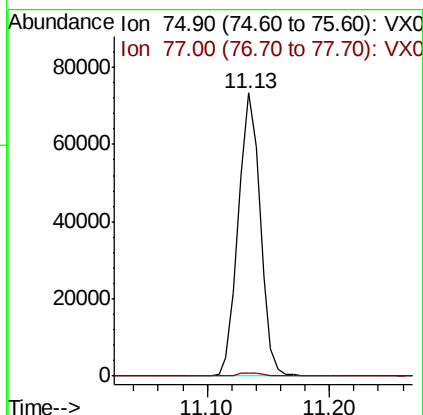
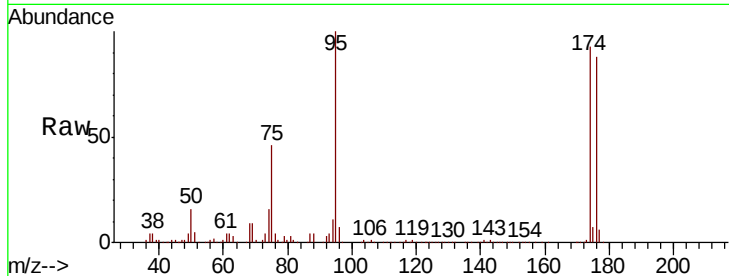
ClientSampleId :

Tot Ion: 75 Resp: 90706

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010243.D

Acq: 12 Jun 2019 12:17

Tgt Ion: 75 Resp: 90706

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 34.2 51.4#

