

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
 Data File : VX007890.D
 Acq On : 07 Mar 2019 18:04
 Operator : JC/SP
 Sample : K1783-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Mar 08 04:44:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	419384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197809	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	159806	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.28%		
35) Dibromofluoromethane	5.50	113	148212	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.00%		
50) Toluene-d8	8.71	98	544453	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.04%		
62) 4-Bromofluorobenzene	11.13	95	197002	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.34%		

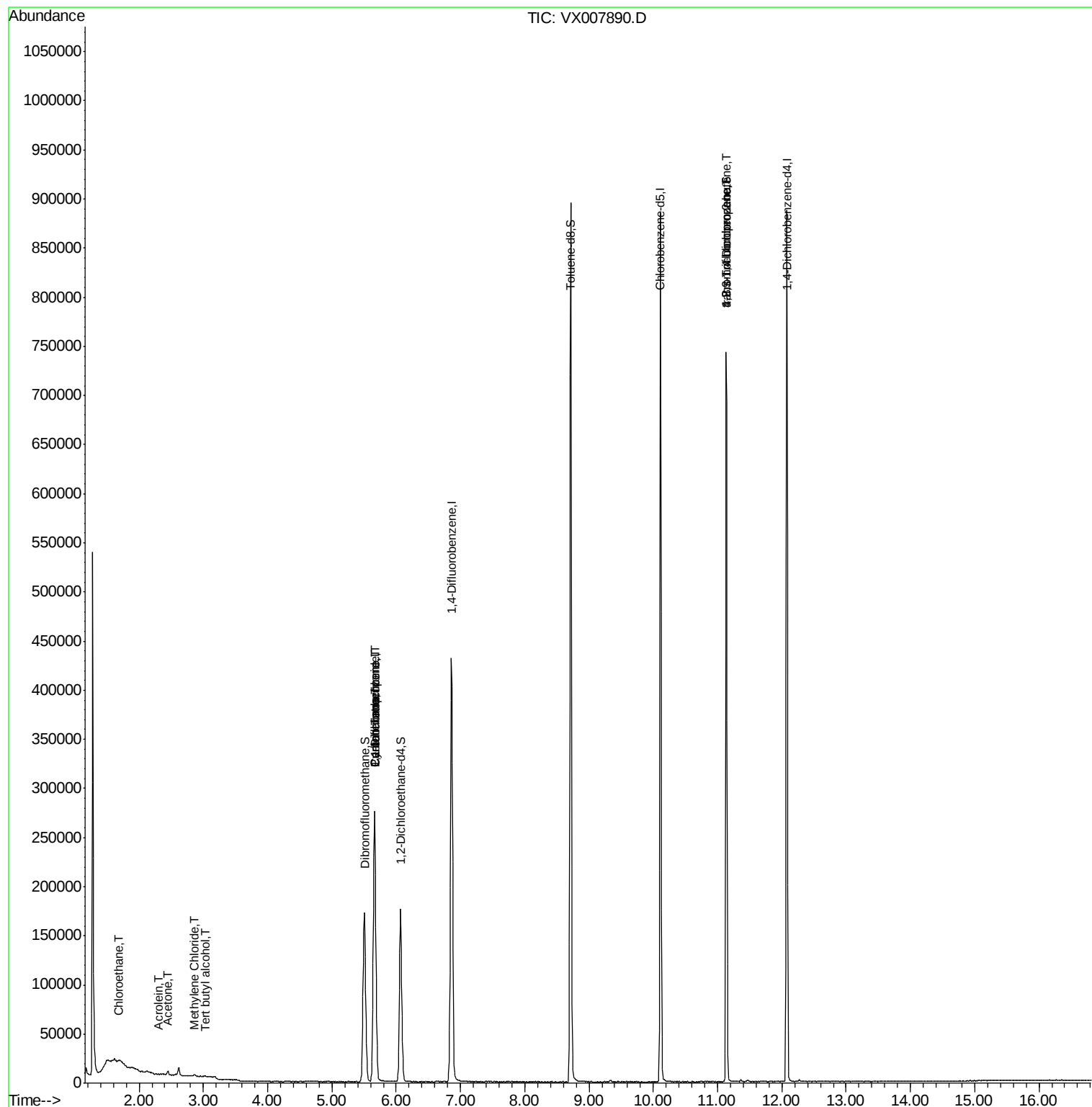
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	140	Below Cal		93
6) Chloroethane	1.68	64	8229	3.935	ug/l #	51
11) Tert butyl alcohol	3.02	59	625	0.921	ug/l #	81
13) Acrolein	2.29	56	45	1.658	ug/l #	67
16) Acetone	2.45	43	4943	2.813	ug/l #	86
17) Carbon Disulfide	2.57	76	756	Below Cal	#	84
20) Methylene Chloride	2.86	84	838	0.300	ug/l #	80
31) Cyclohexane	5.67	56	4349	0.932	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18316	4.496	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24877	6.433	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	90517	21.807	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	90517	69.705	ug/l #	11

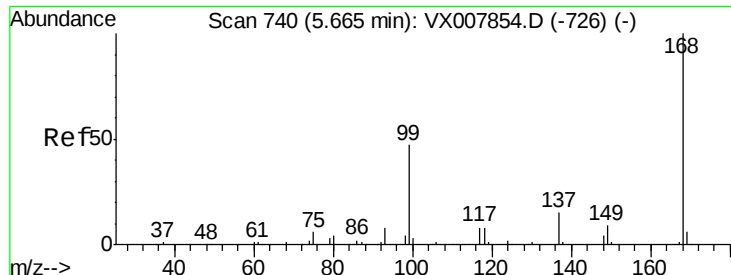
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

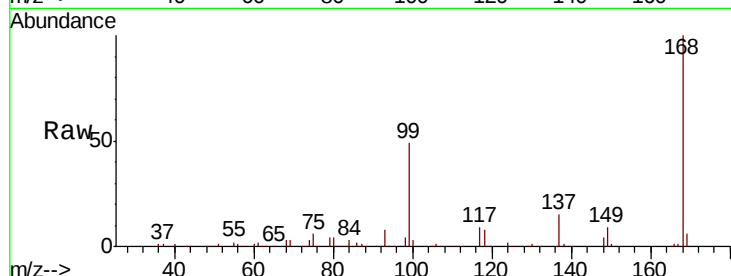
SW-1

Tgt Ion:168 Resp: 287770

Ion Ratio Lower Upper

168 100

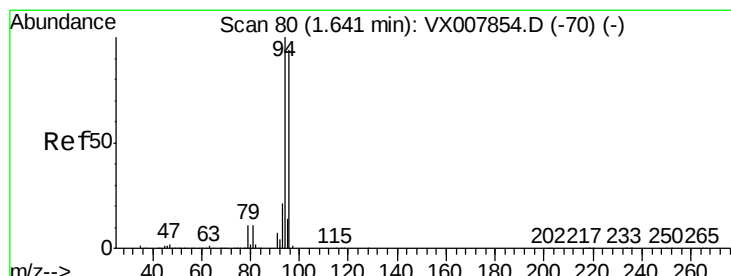
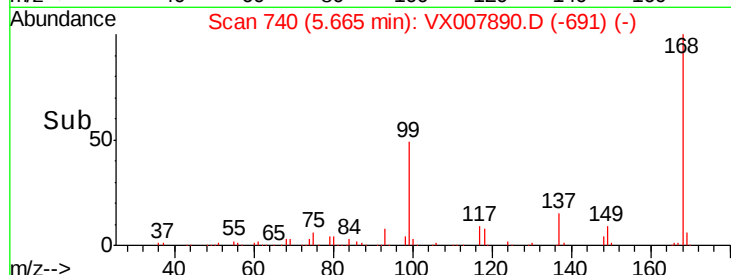
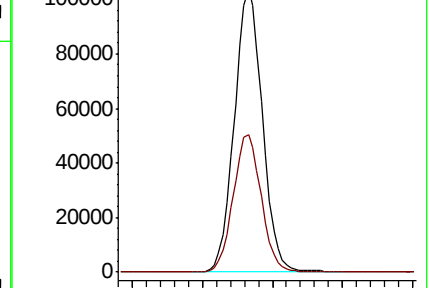
99 48.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007890.D

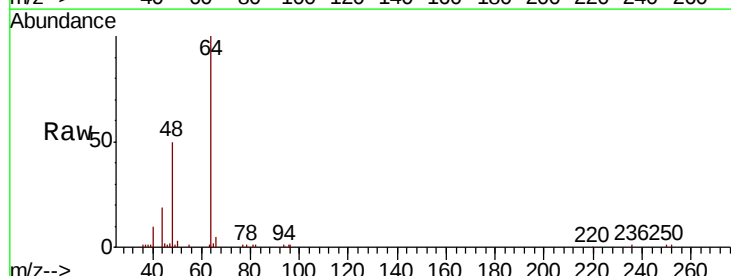
Acq: 07 Mar 2019 18:04

Tgt Ion: 94 Resp: 140

Ion Ratio Lower Upper

94 100

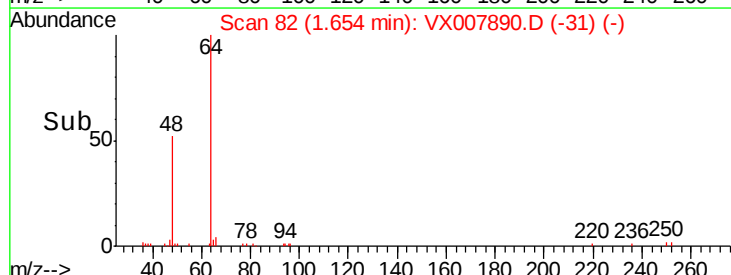
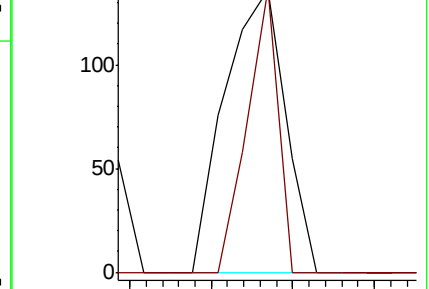
96 100.7 75.5 113.3

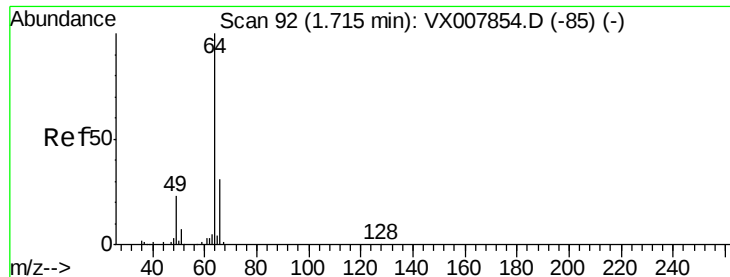


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65





#6

Chloroethane

Concen: 3.935 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampled :

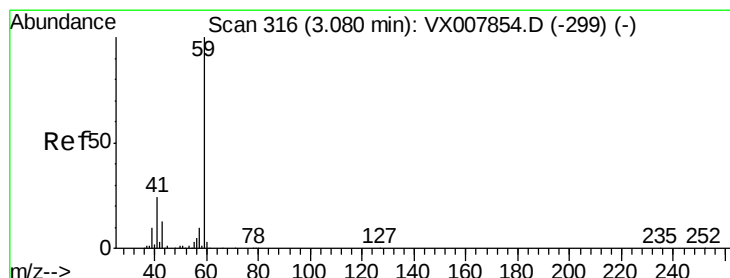
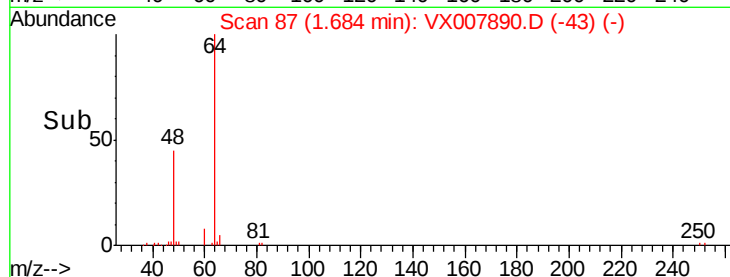
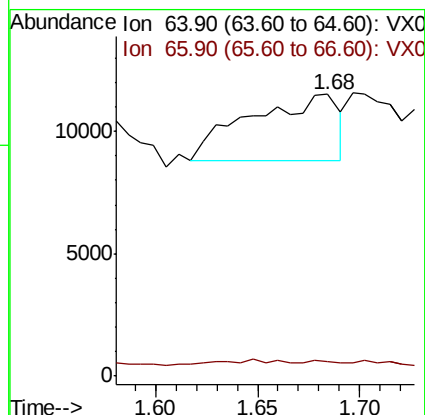
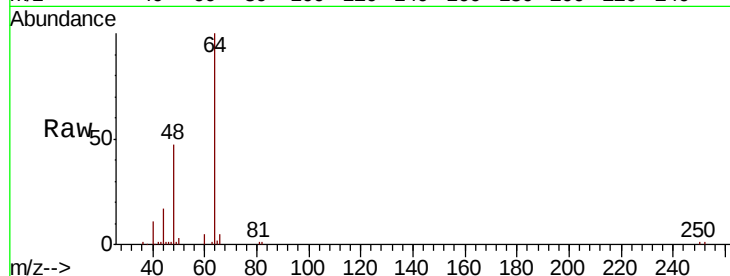
SW-1

Tgt Ion: 64 Resp: 8229

Ion Ratio Lower Upper

64 100

66 4.2 25.2 37.8#



#11

Tert butyl alcohol

Concen: 0.921 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX007890.D

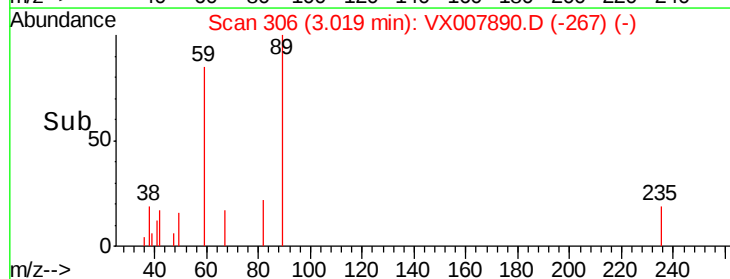
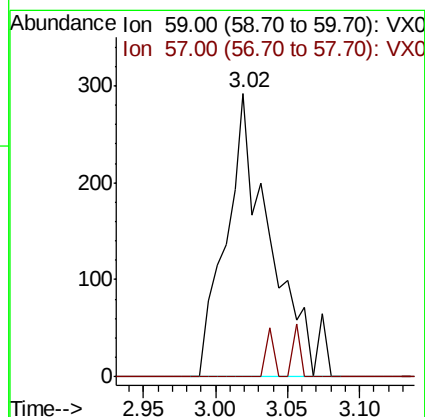
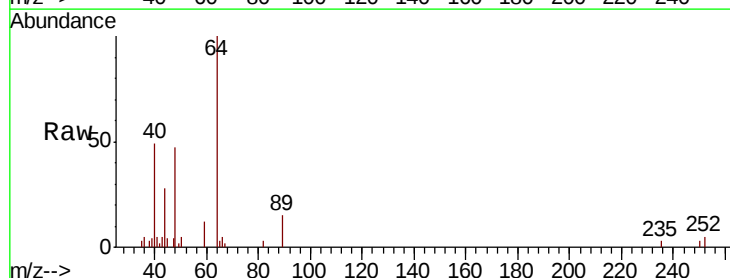
Acq: 07 Mar 2019 18:04

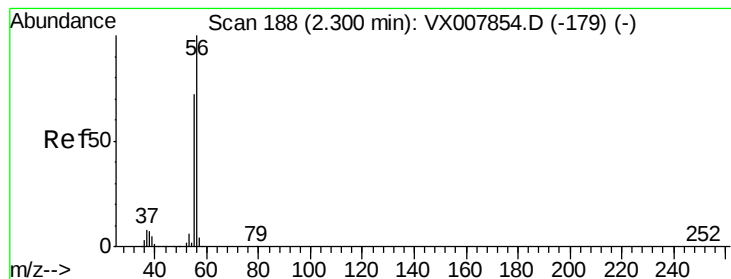
Tgt Ion: 59 Resp: 625

Ion Ratio Lower Upper

59 100

57 3.0 8.2 12.2#





#13

Acrolein

Concen: 1.658 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampled :

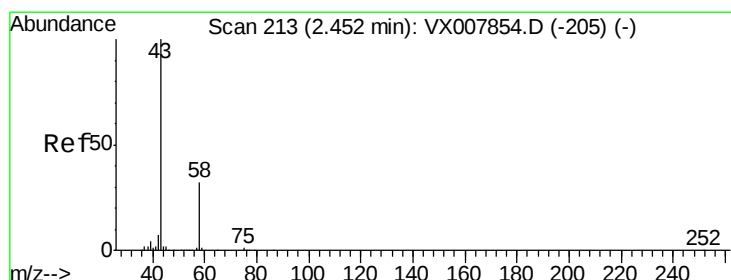
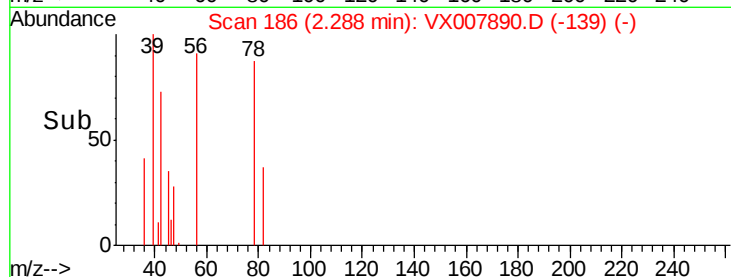
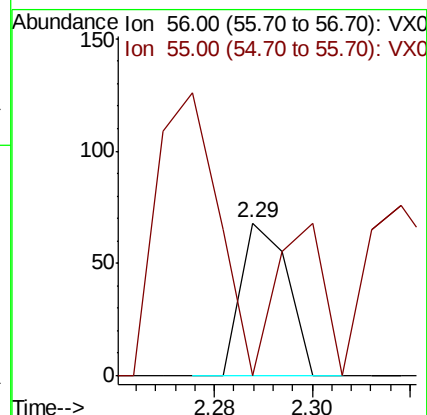
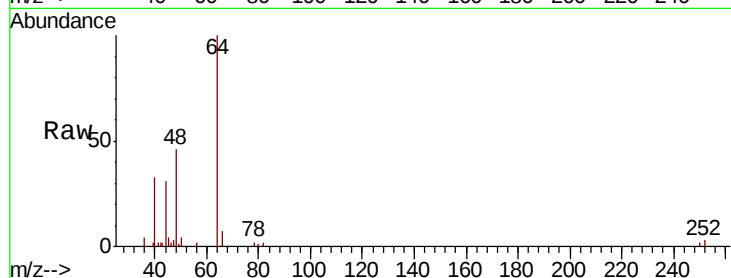
SW-1

Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

56 100

55 100.0 57.8 86.6#



#16

Acetone

Concen: 2.813 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007890.D

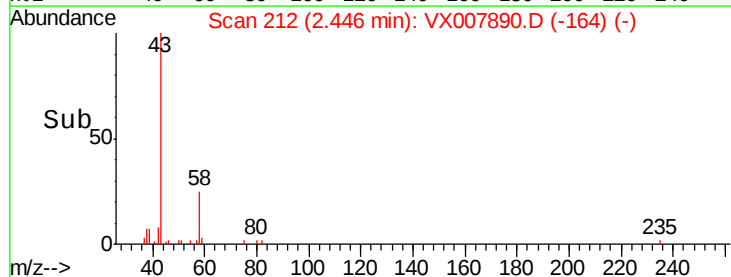
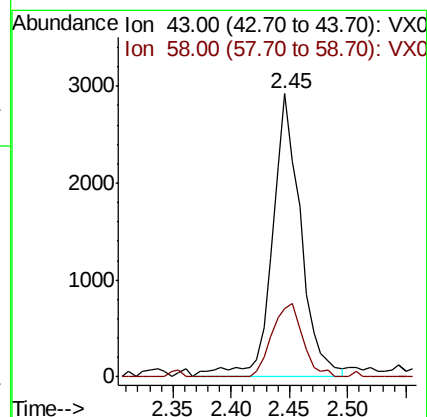
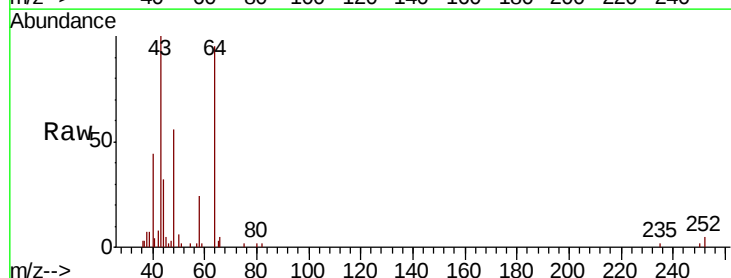
Acq: 07 Mar 2019 18:04

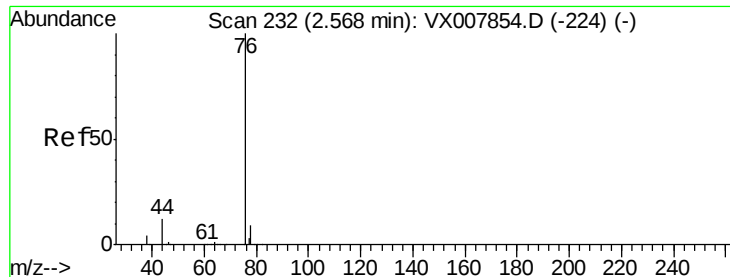
Tgt Ion: 43 Resp: 4943

Ion Ratio Lower Upper

43 100

58 24.3 25.5 38.3#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

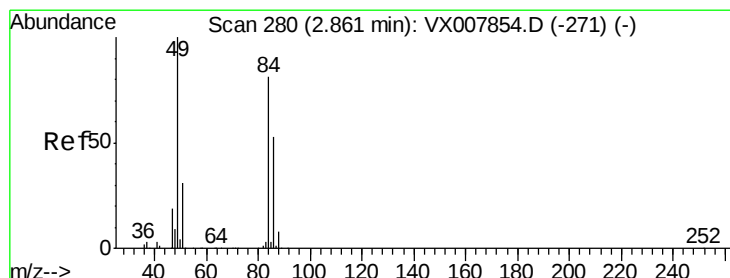
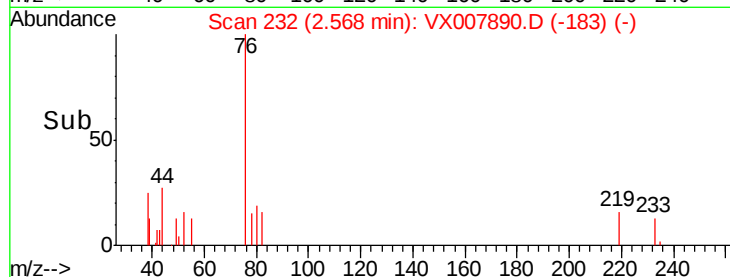
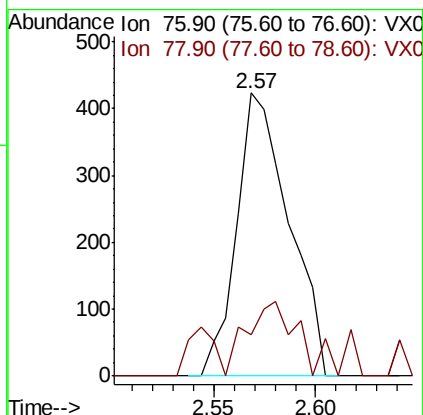
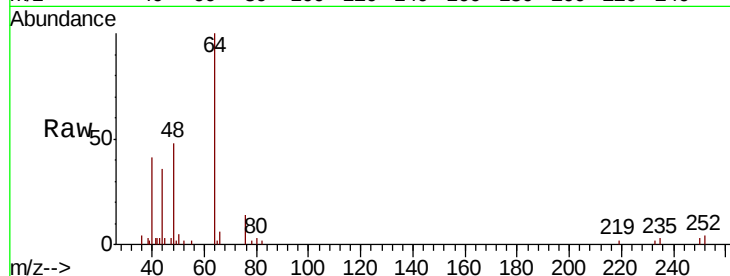
SW-1

Tgt Ion: 76 Resp: 756

Ion Ratio Lower Upper

76 100

78 14.7 7.2 10.8#



#20

Methylene Chloride

Concen: 0.300 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Tgt Ion: 84 Resp: 838

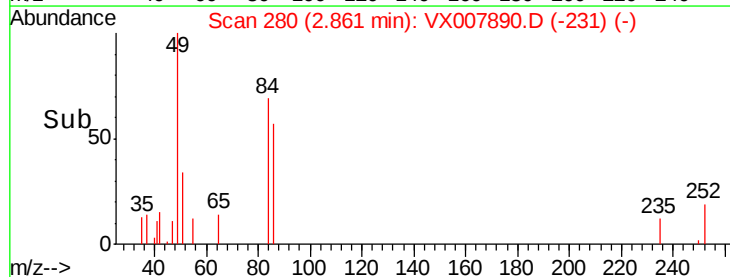
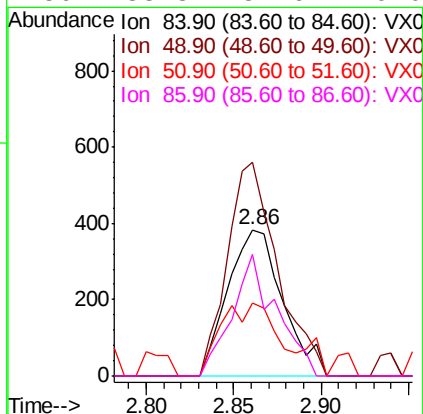
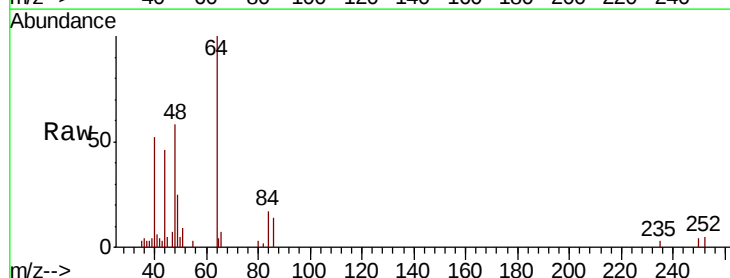
Ion Ratio Lower Upper

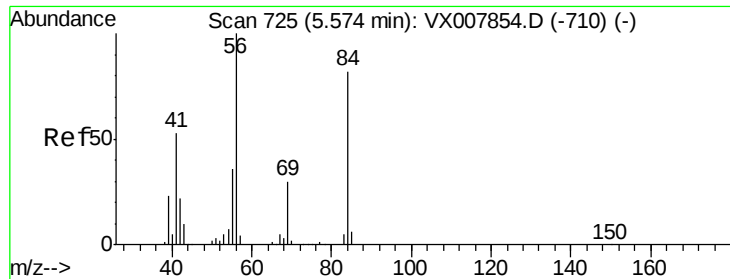
84 100

49 145.8 99.3 148.9

51 50.0 31.3 46.9#

86 83.3 52.6 79.0#

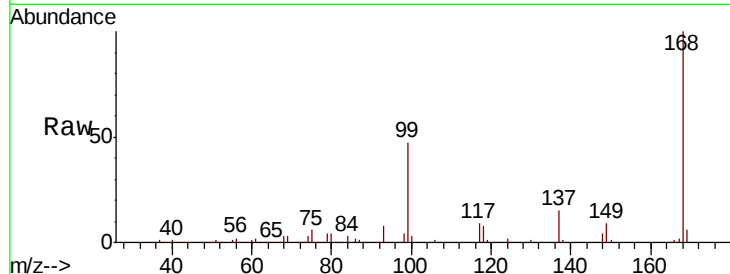




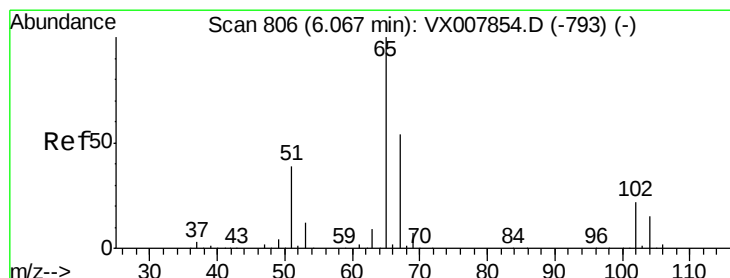
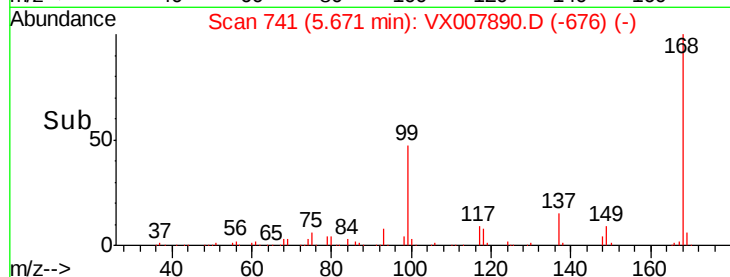
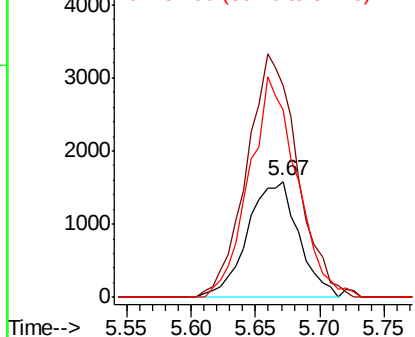
#31
Cyclohexane
Concen: 0.932 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX007890.D
Acq: 07 Mar 2019 18:04

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion: 56 Resp: 4349
Ion Ratio Lower Upper
56 100
69 182.1 24.0 36.0#
84 161.4 65.3 97.9#

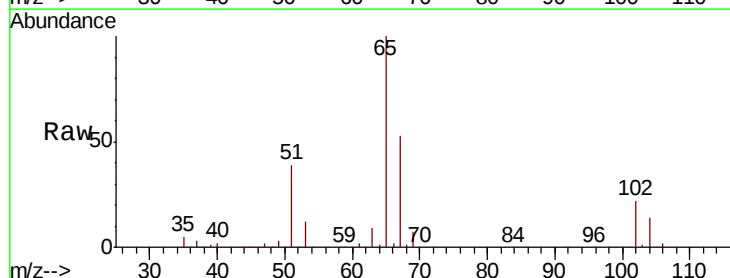


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

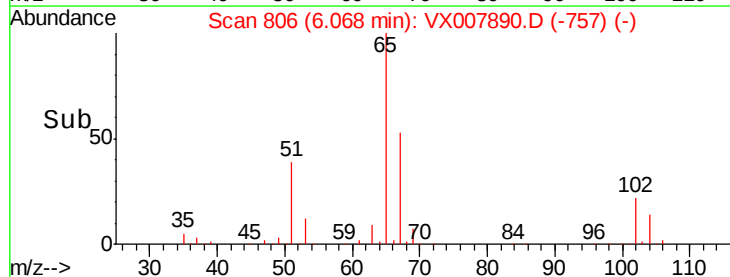
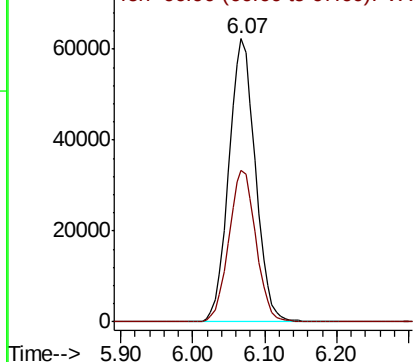


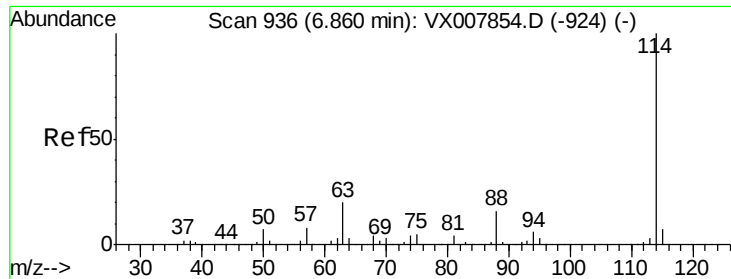
#33
1,2-Dichloroethane-d4
Concen: 52.642 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007890.D
Acq: 07 Mar 2019 18:04

Tgt Ion: 65 Resp: 159806
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.0



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

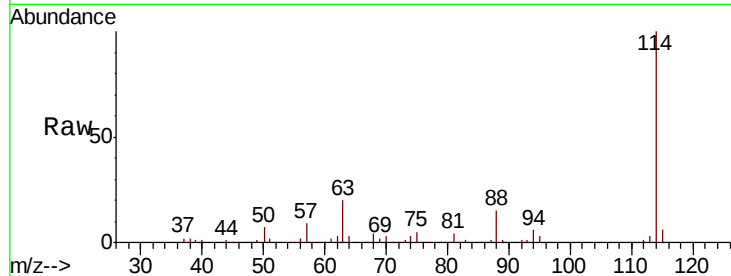




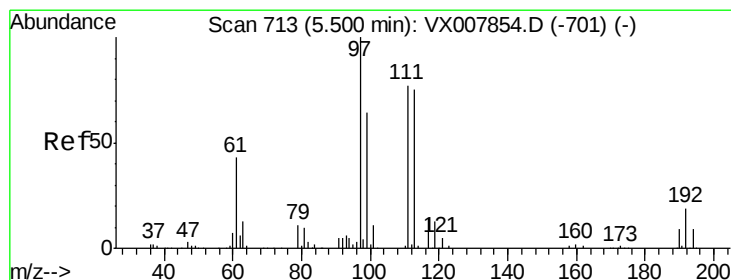
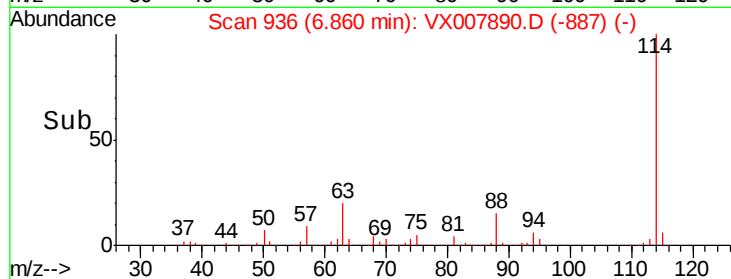
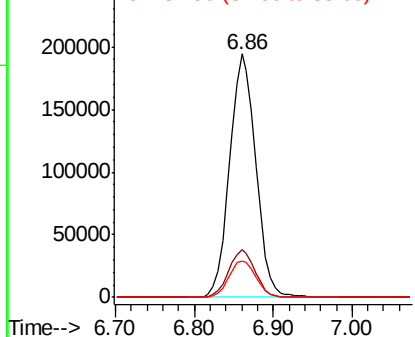
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007890.D
 Acq: 07 Mar 2019 18:04

Instrument :
 MSVOA_X
 ClientSampled :
 SW-1

Tgt Ion:114 Resp: 449873
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 14.9 0.0 31.4

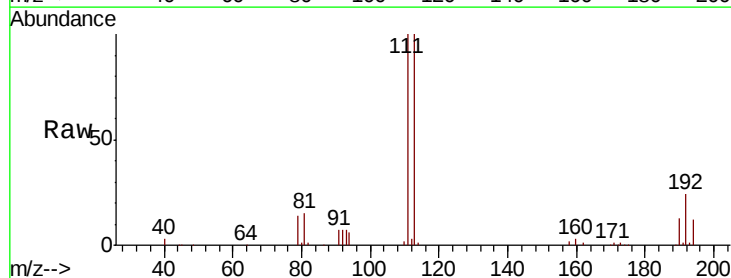


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

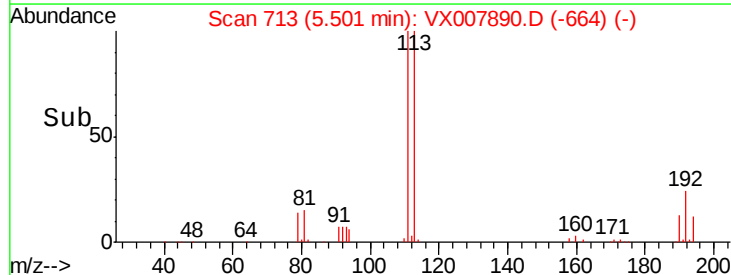
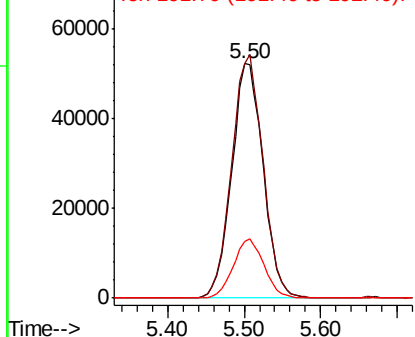


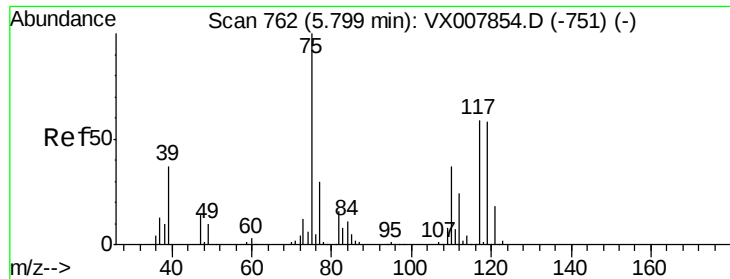
#35
 Dibromofluoromethane
 Concen: 51.504 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007890.D
 Acq: 07 Mar 2019 18:04

Tgt Ion:113 Resp: 148212
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.4 122.0
 192 24.9 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.496 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

SW-1

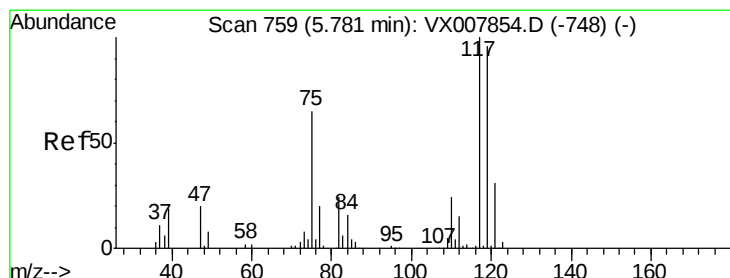
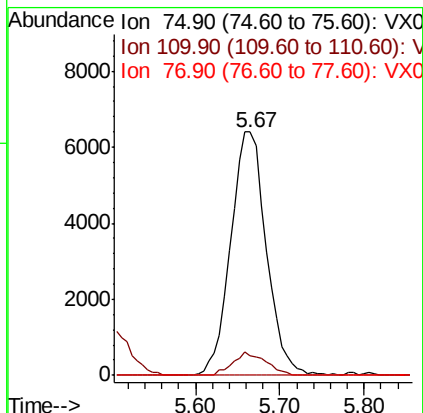
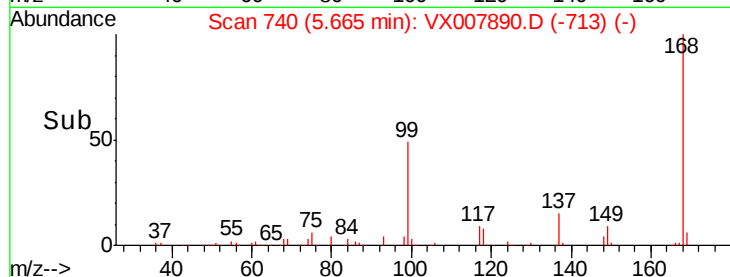
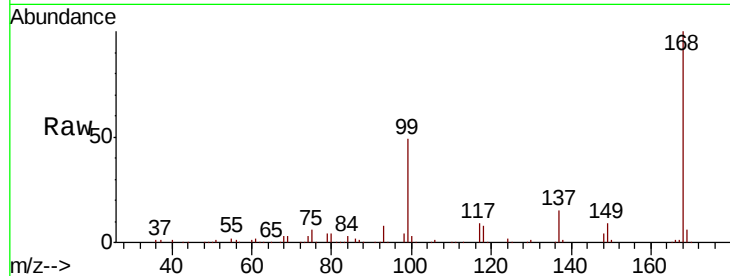
Tgt Ion: 75 Resp: 18316

Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

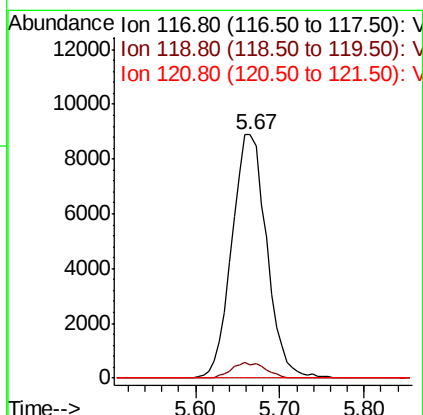
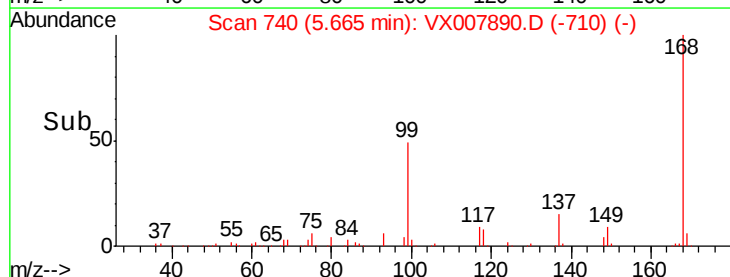
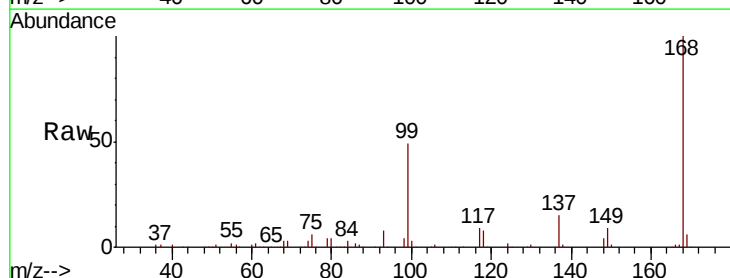
Tgt Ion: 117 Resp: 24877

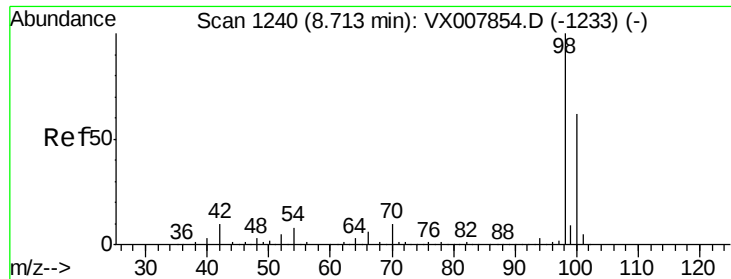
Ion Ratio Lower Upper

117 100

119 5.5 76.2 114.2#

121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 51.517 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

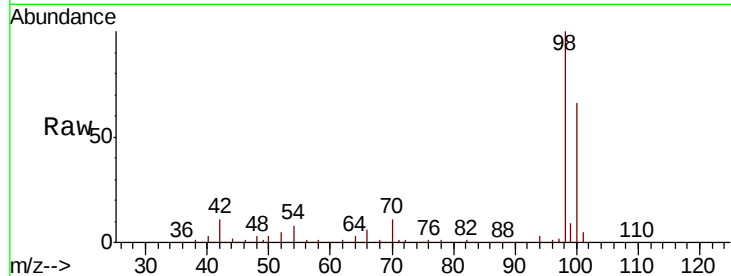
SW-1

Tgt Ion: 98 Resp: 544453

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

300000

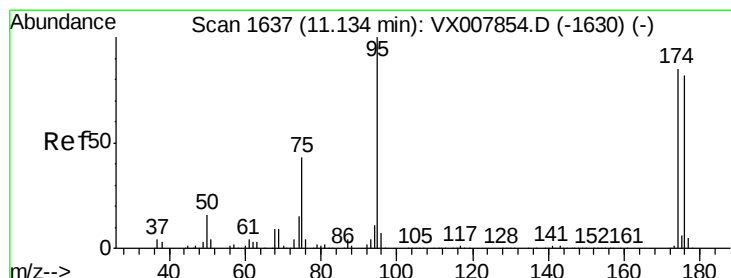
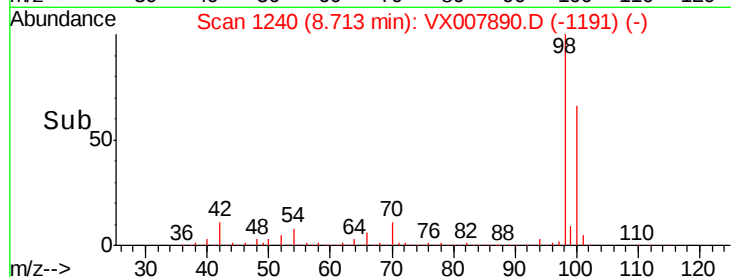
200000

100000

0

Time-->

8.60 8.70 8.80 8.90 9.00



#62

4-Bromofluorobenzene

Concen: 53.167 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

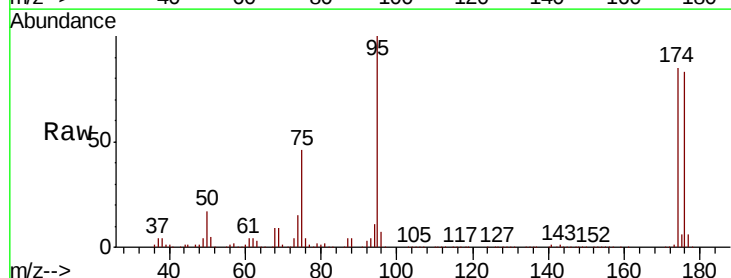
Tgt Ion: 95 Resp: 197002

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.8

176 88.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

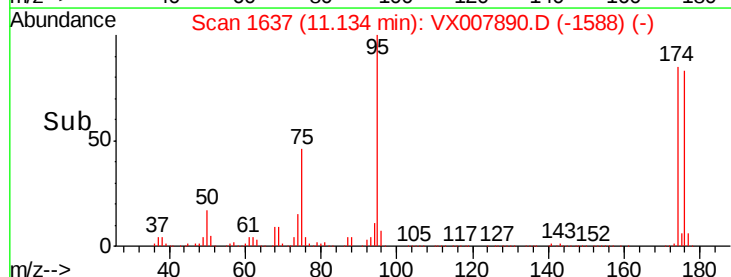
100000

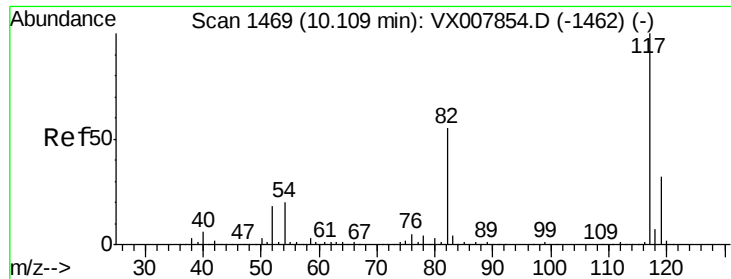
50000

0

Time-->

11.10 11.20

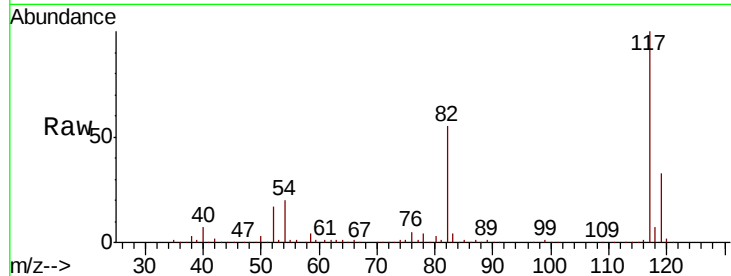




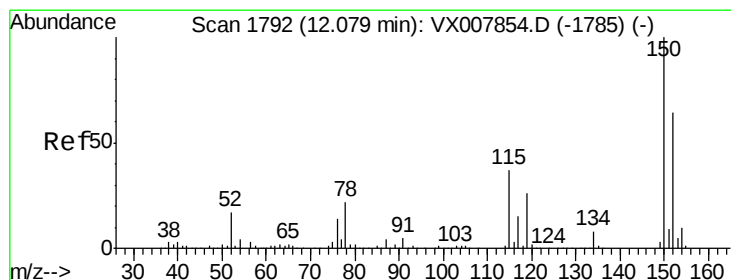
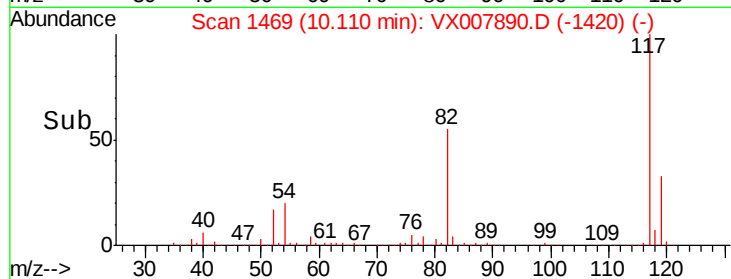
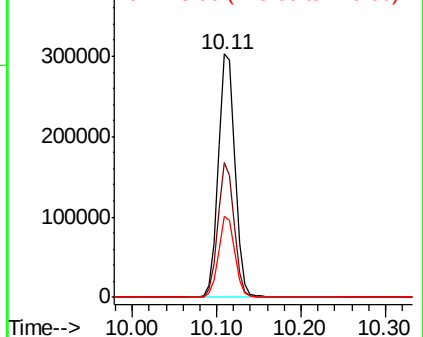
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007890.D
Acq: 07 Mar 2019 18:04

Instrument :
MSVOA_X
ClientSampled :
SW-1

Tgt Ion:117 Resp: 419384
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 33.1 25.3 37.9

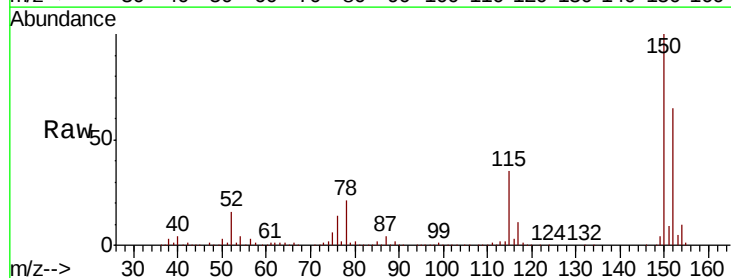


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

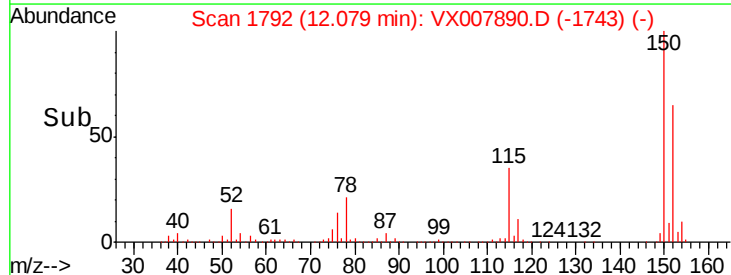
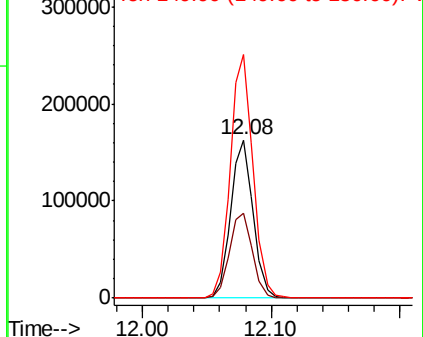


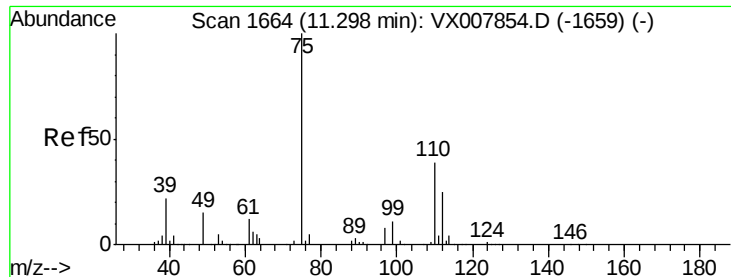
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007890.D
Acq: 07 Mar 2019 18:04

Tgt Ion:152 Resp: 197809
Ion Ratio Lower Upper
152 100
115 55.8 38.6 115.7
150 156.4 0.0 348.4



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: 21.807 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

Instrument :

MSVOA_X

ClientSampleId :

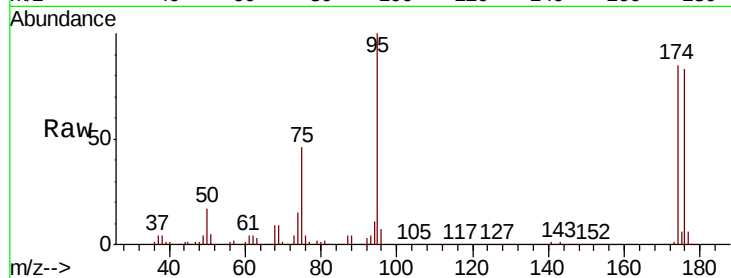
SW-1

Tgt Ion: 75 Resp: 90517

Ion Ratio Lower Upper

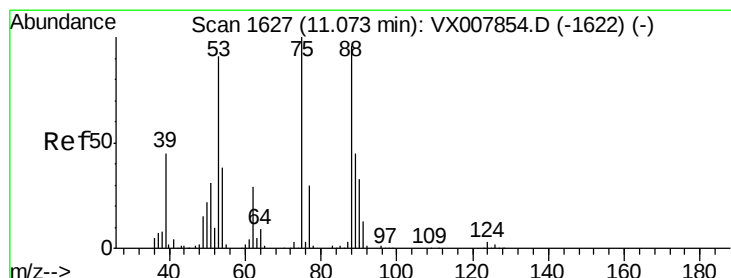
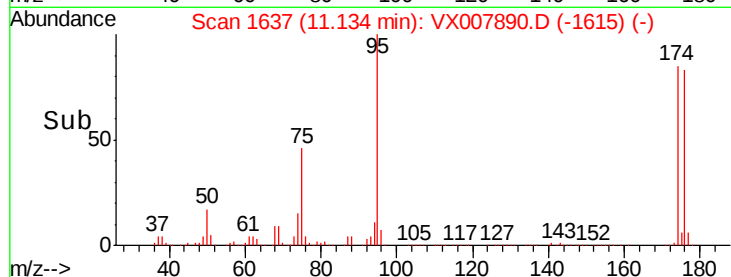
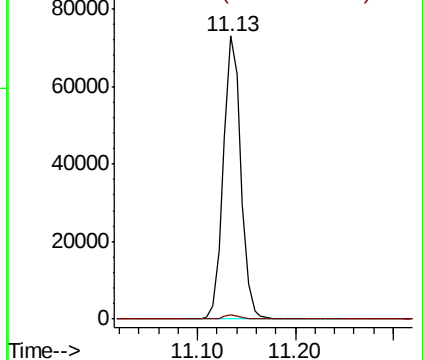
75 100

77 1.3 18.9 56.7#



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: 69.705 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007890.D

Acq: 07 Mar 2019 18:04

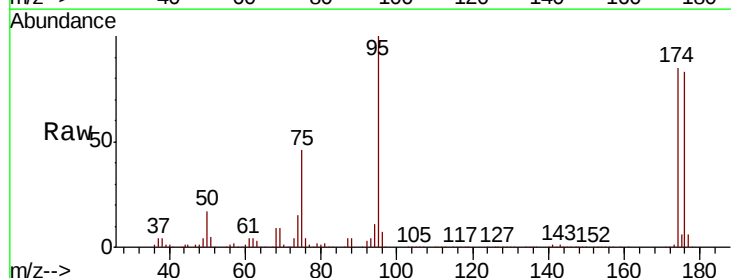
Tgt Ion: 75 Resp: 90517

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

