

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000950.D
 Acq On : 17 Apr 2018 05:24
 Operator : JC/MD
 Sample : J2349-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 05:54:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	275092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225035	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	167840	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	5.51	113	133135	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	
50) Toluene-d8	8.72	98	524908	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.14	95	201037	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	

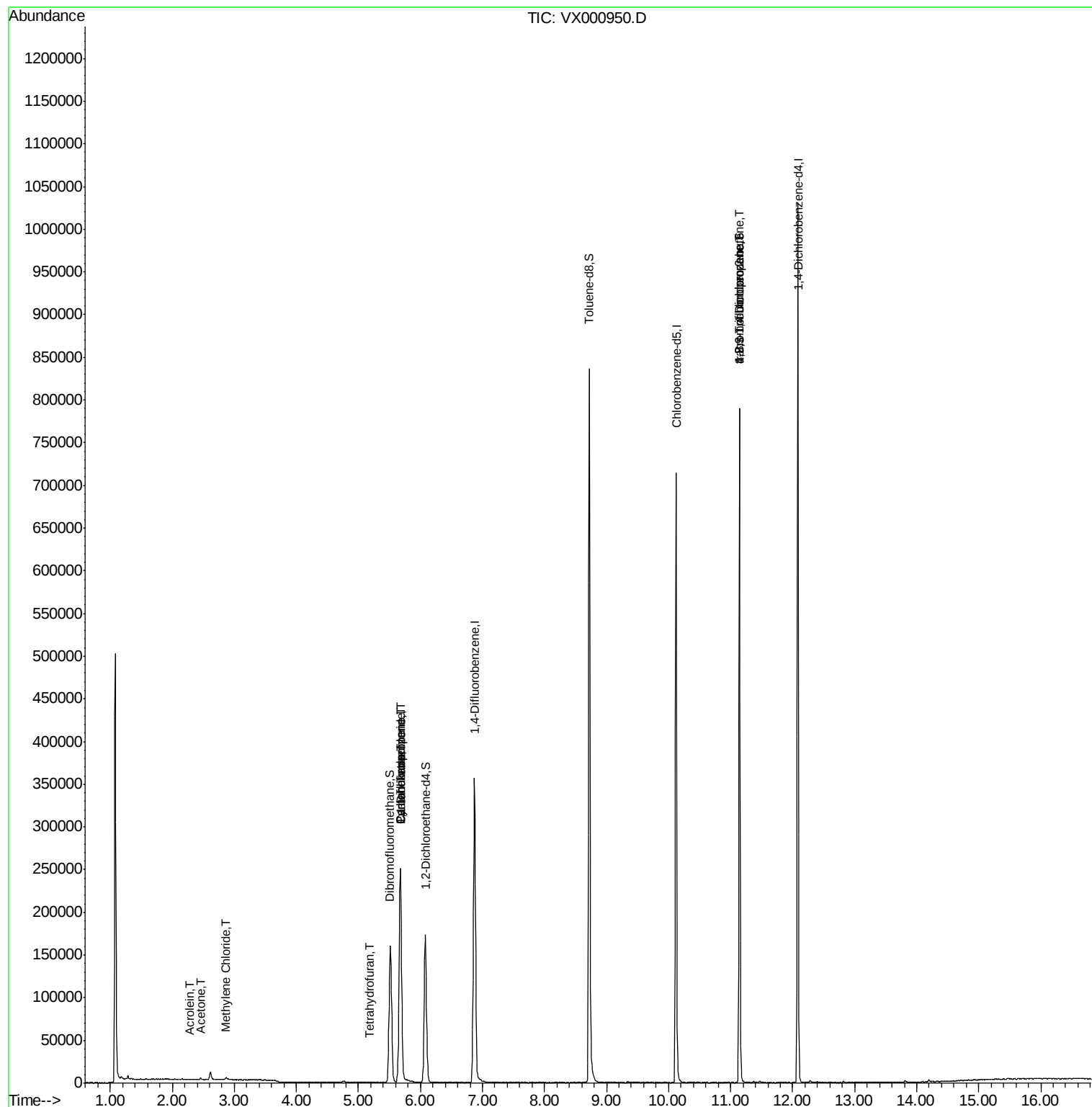
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.67	94	256	Below Cal	#	74
13) Acrolein	2.29	56	66	0.221	ug/l #	13
16) Acetone	2.45	43	1681	1.405	ug/l #	88
20) Methylene Chloride	2.86	84	1240	0.446	ug/l #	89
29) Tetrahydrofuran	5.18	42	490	0.391	ug/l #	45
31) Cyclohexane	5.68	56	4685	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16461	3.945	ug/l #	49
38) Carbon Tetrachloride	5.68	117	23940	5.126	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	98031	25.259	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	98031	69.483	ug/l #	11

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

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QLast Update : Tue Apr 10 15:49:28 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Instrument :

MSVOA_X

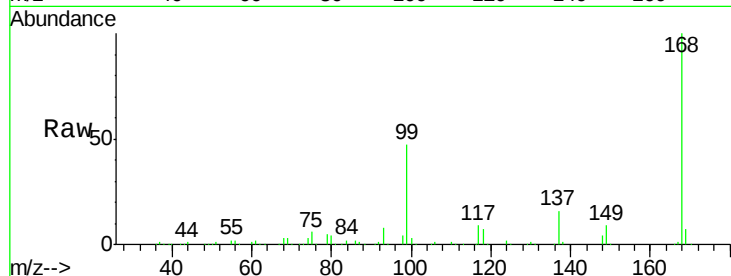
ClientSampleId :

Tot Ion:168 Resp: 275092

Ion Ratio Lower Upper

168 100

99 46.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

100000

80000

60000

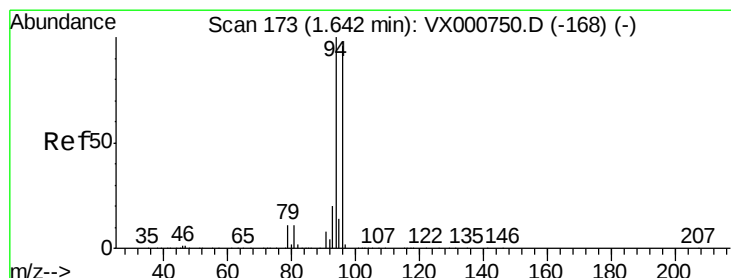
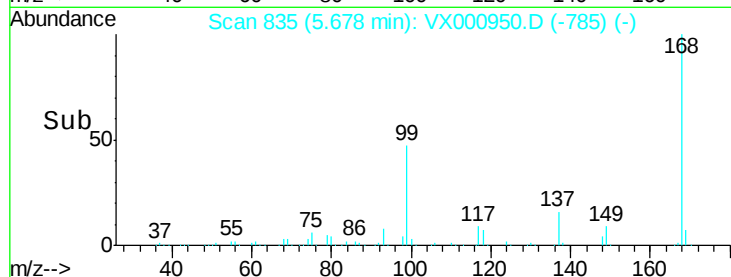
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX000950.D

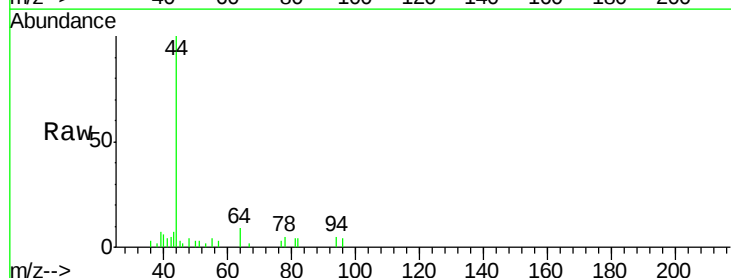
Acq: 17 Apr 2018 05:24

Tgt Ion: 94 Resp: 256

Ion Ratio Lower Upper

94 100

96 71.3 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

200

150

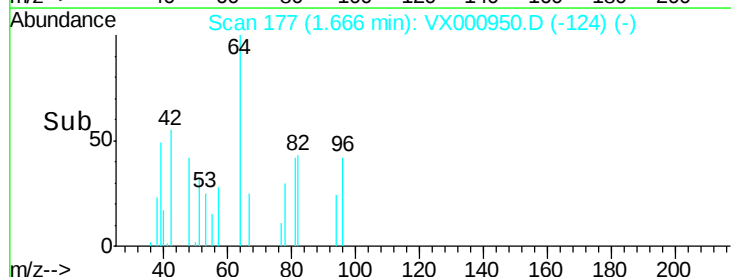
100

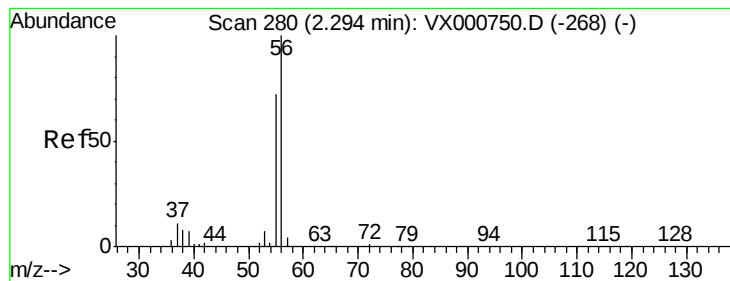
50

0

Time-->

1.65 1.67 1.70





#13

Acrolein

Concen: 0.221 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Instrument :

MSVOA_X

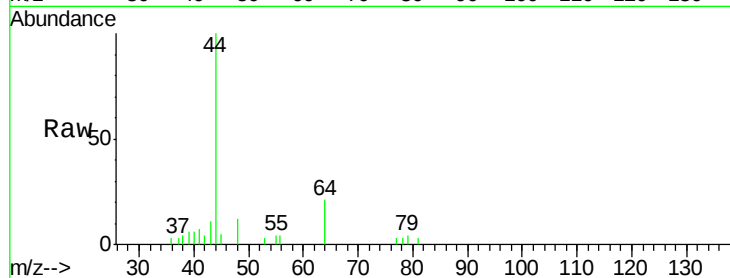
ClientSampled :

Tot Ion: 56 Resp: 66

Ion Ratio Lower Upper

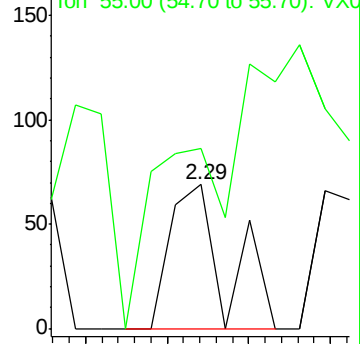
56 100

55 0.0 58.7 88.1#

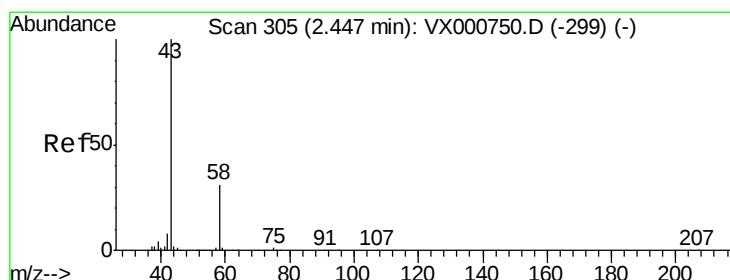
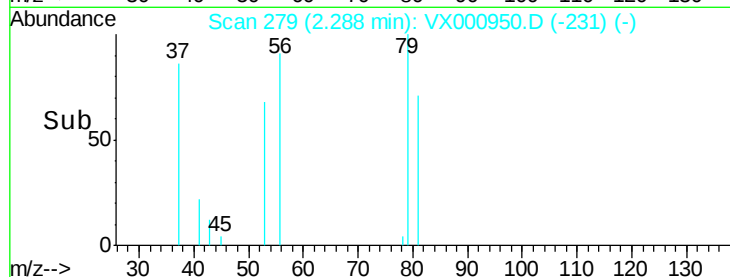


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 1.405 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000950.D

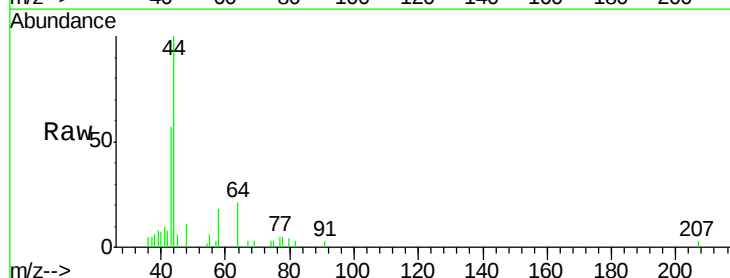
Acq: 17 Apr 2018 05:24

Tgt Ion: 43 Resp: 1681

Ion Ratio Lower Upper

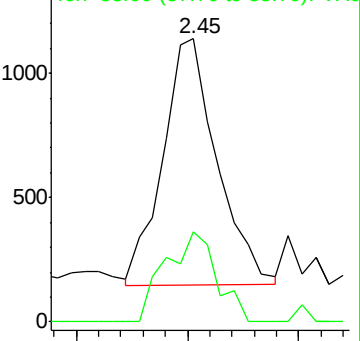
43 100

58 37.4 24.6 37.0#

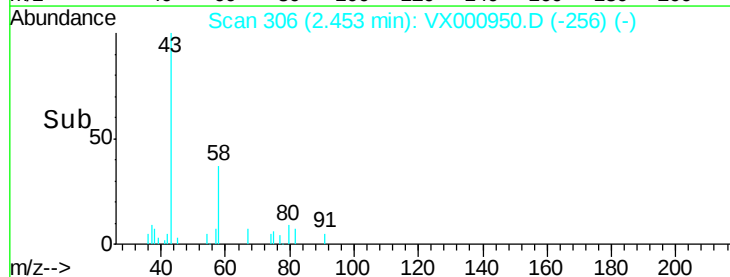


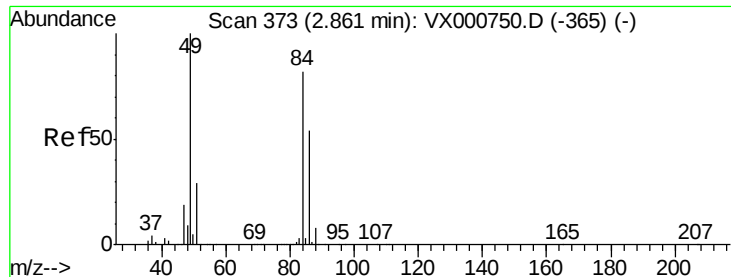
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

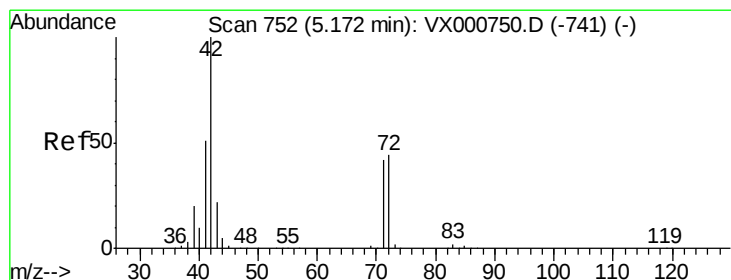
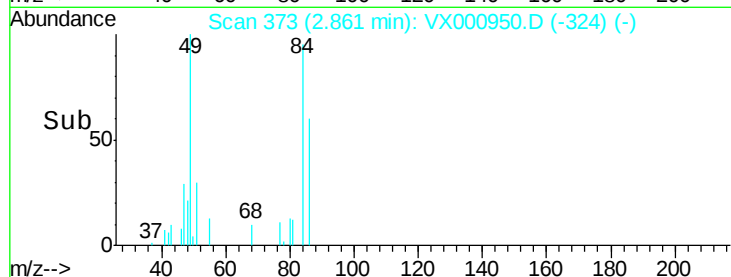
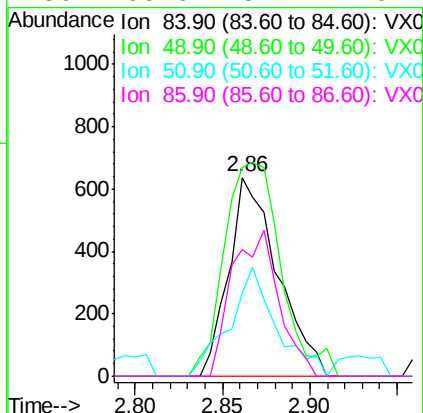
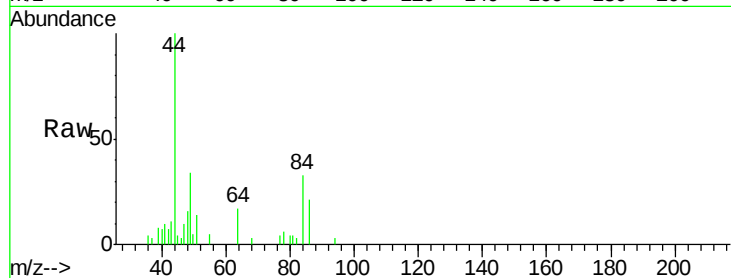




#20
Methvlene Chloride
Concen: 0.446 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000950.D
Acq: 17 Apr 2018 05:24

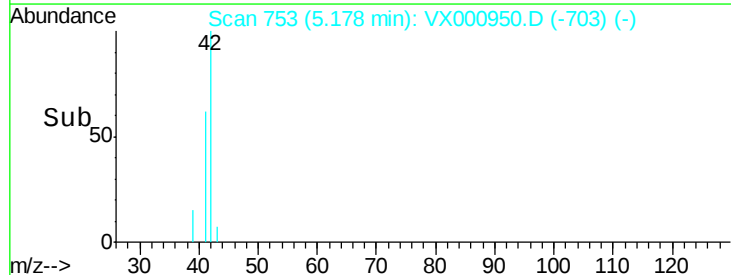
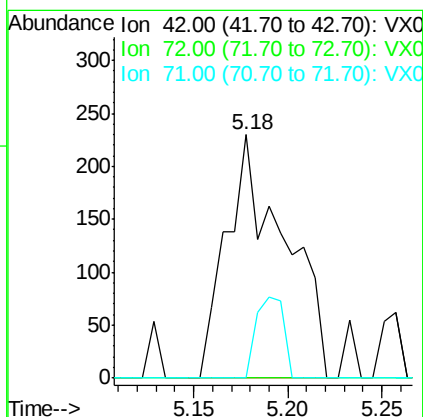
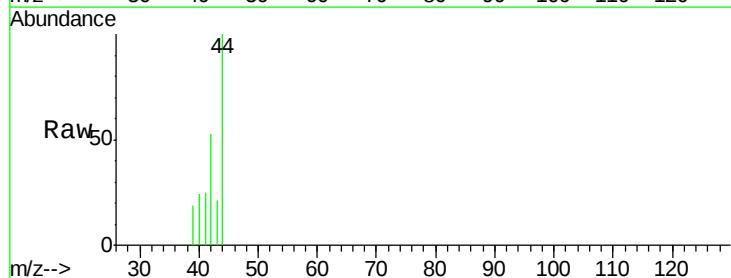
Instrument :
MSVOA_X
ClientSampled :

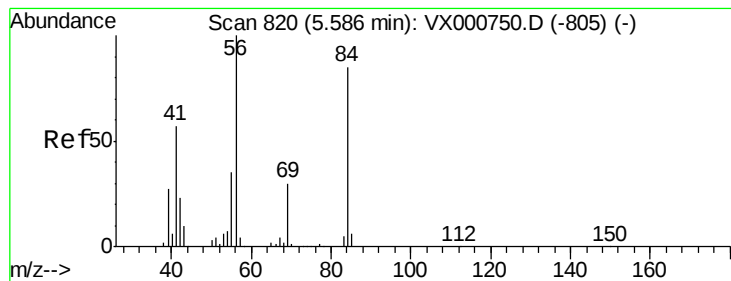
Tot Ion: 84 Resp: 1240
Ion Ratio Lower Upper
84 100
49 105.2 98.1 147.1
51 41.6 28.9 43.3
86 63.6 52.7 79.1



#29
Tetrahydrofuran
Concen: 0.391 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000950.D
Acq: 17 Apr 2018 05:24

Tgt Ion: 42 Resp: 490
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 15.7 32.8 49.2#





#31

Cvclohexane

Concen: 1.025 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.09 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :

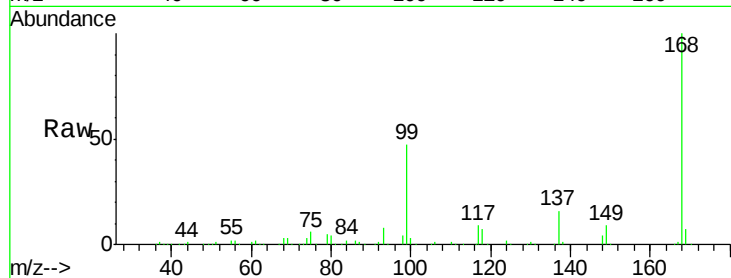
Tot Ion: 56 Resp: 4685

Ion Ratio Lower Upper

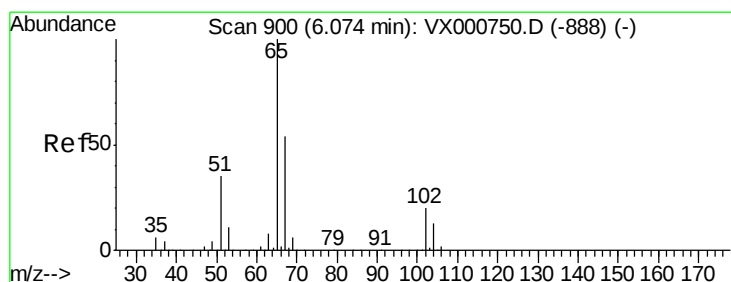
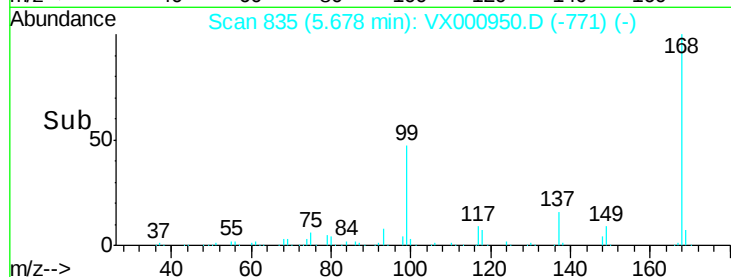
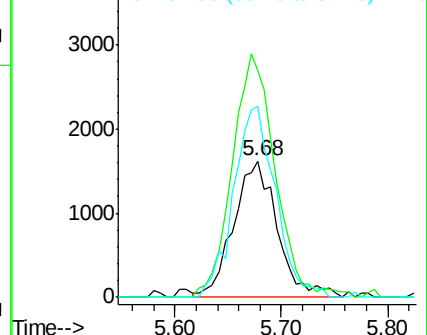
56 100

69 166.3 24.2 36.4#

84 139.6 67.6 101.4#



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: 48.388 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000950.D

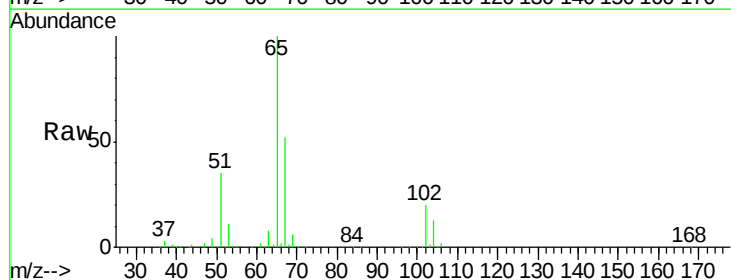
Acq: 17 Apr 2018 05:24

Tgt Ion: 65 Resp: 167840

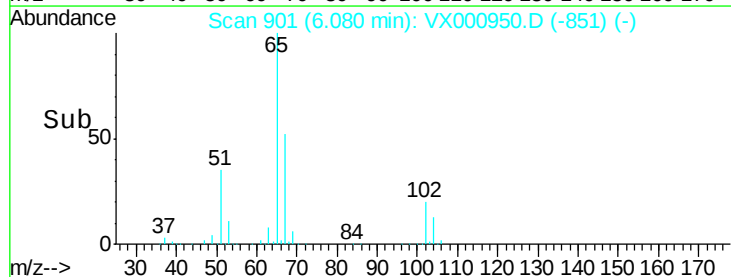
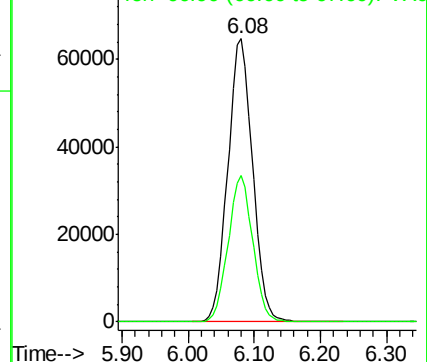
Ion Ratio Lower Upper

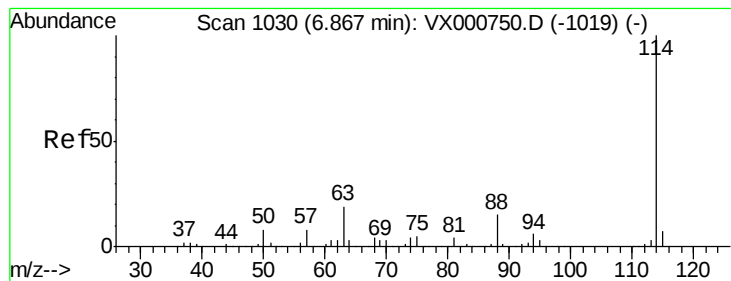
65 100

67 51.6 0.0 103.8



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: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

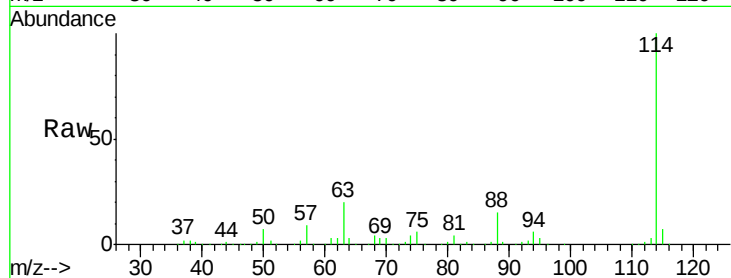
Tot Ion:114 Resp: 378859

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

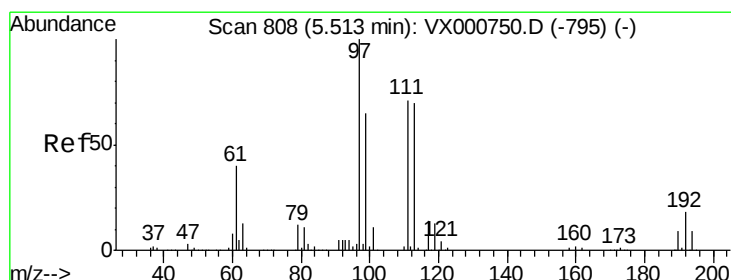
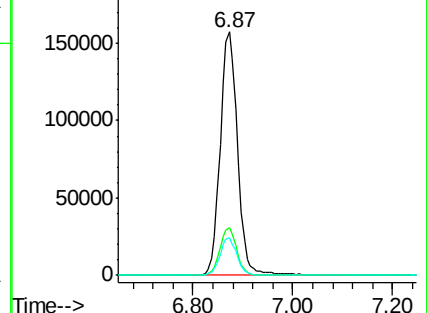
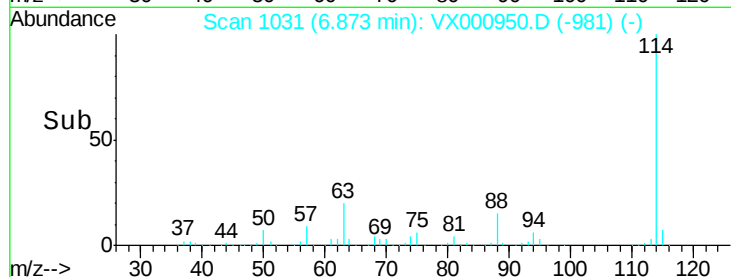
88 15.3 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 45.612 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

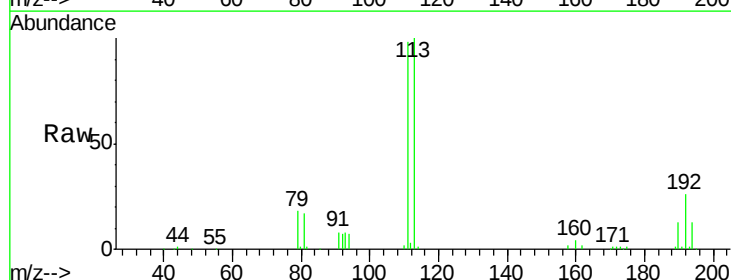
Tgt Ion:113 Resp: 133135

Ion Ratio Lower Upper

113 100

111 101.0 81.5 122.3

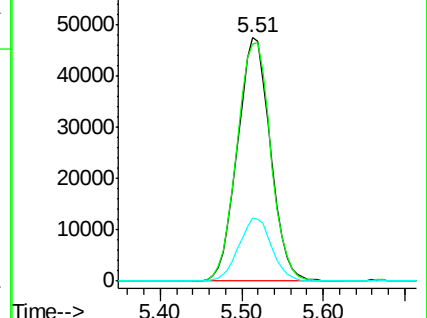
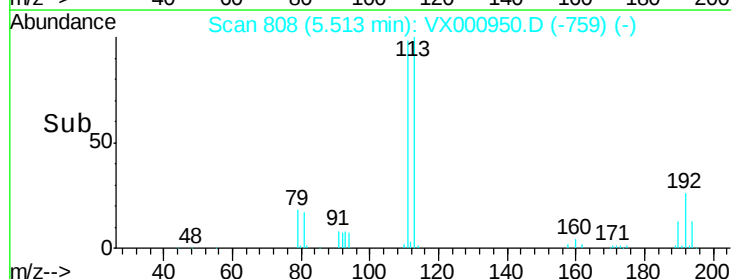
192 25.8 20.4 30.6

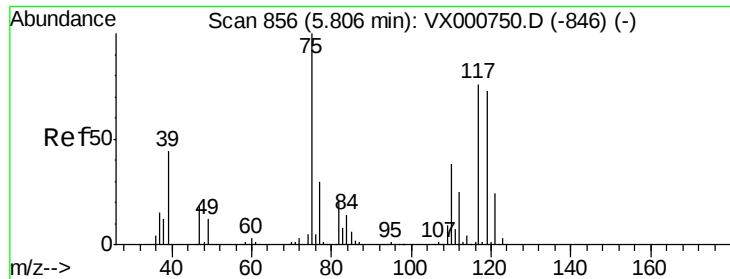


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

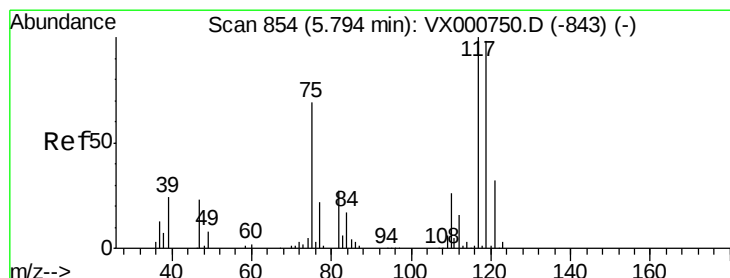
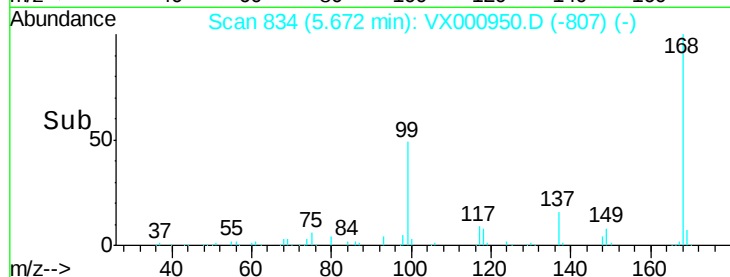
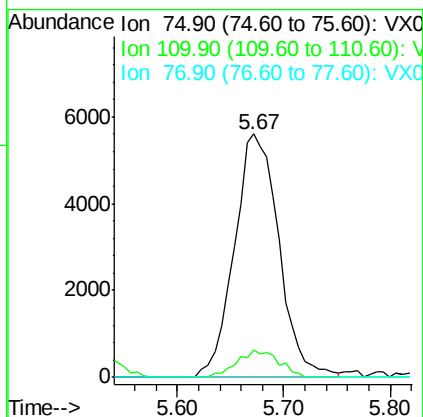
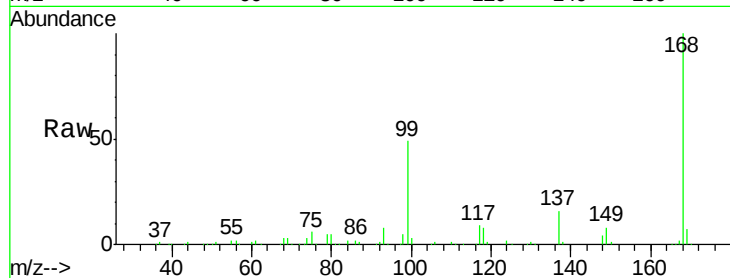




#36
 1,1-Dichloropropene
 Concen: 3.945 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000950.D
 Acq: 17 Apr 2018 05:24

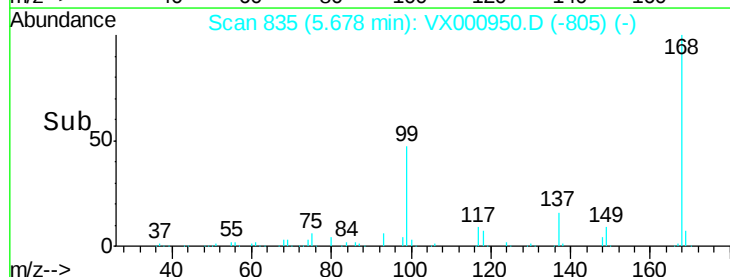
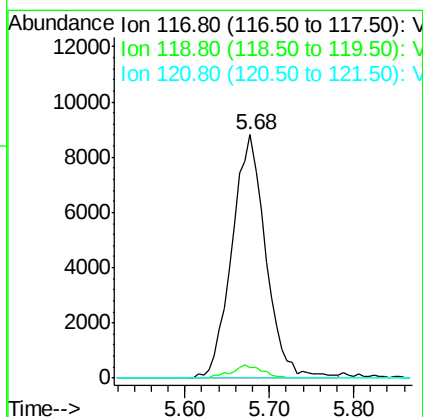
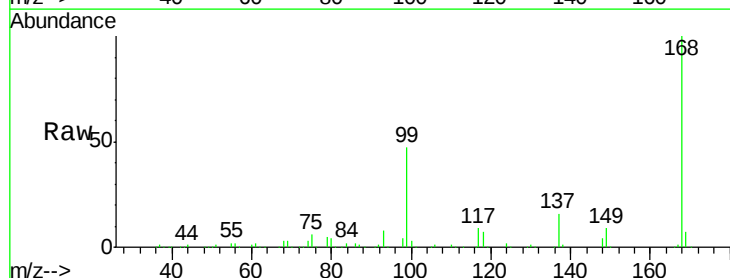
Instrument :
 MSVOA_X
 ClientSampleId :

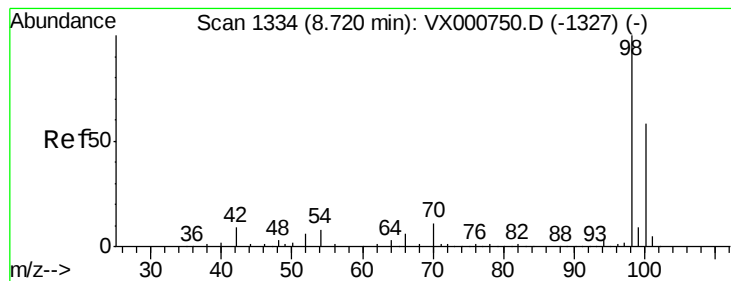
Tot Ion: 75 Resp: 16461
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.2 57.6#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 5.126 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000950.D
 Acq: 17 Apr 2018 05:24

Tgt Ion: 117 Resp: 23940
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.4 117.6#
 121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 48.298 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Instrument :

MSVOA_X

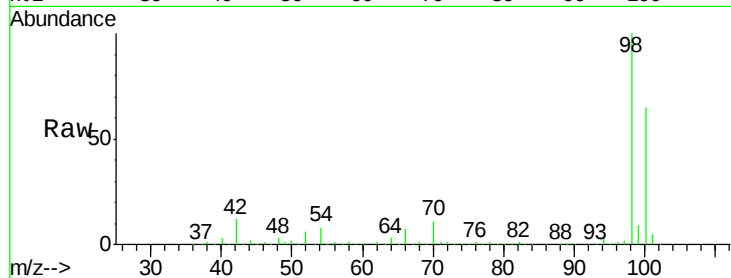
ClientSampleId :

Tot Ion: 98 Resp: 524908

Ion Ratio Lower Upper

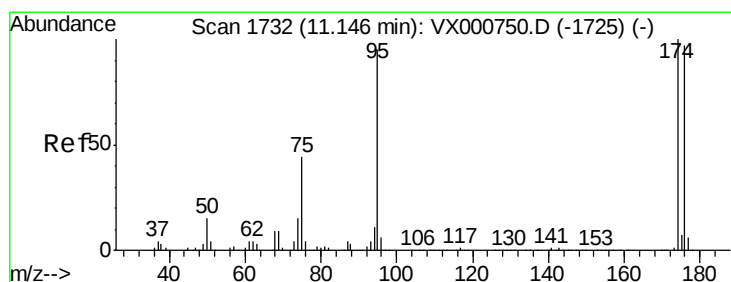
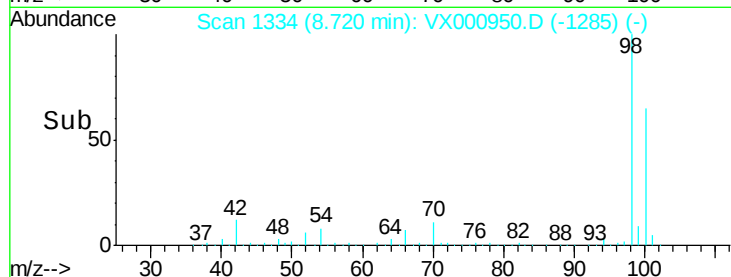
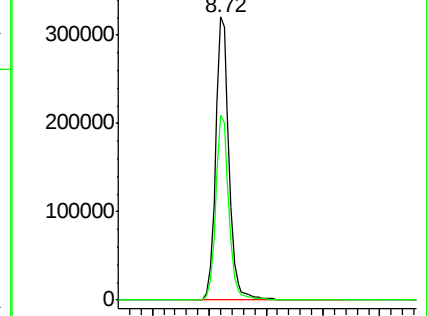
98 100

100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.710 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

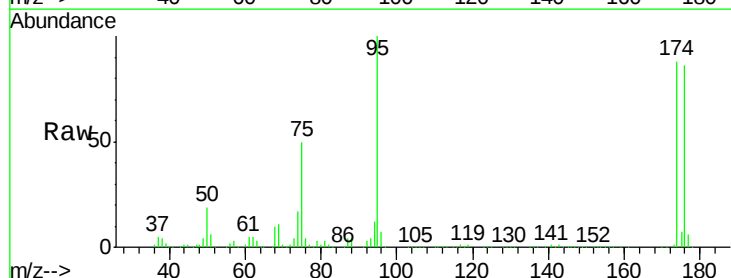
Tgt Ion: 95 Resp: 201037

Ion Ratio Lower Upper

95 100

174 99.4 0.0 198.4

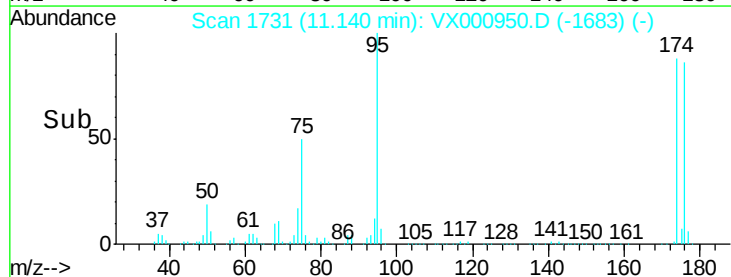
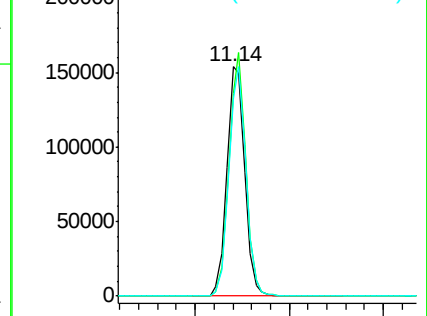
176 96.1 0.0 194.4

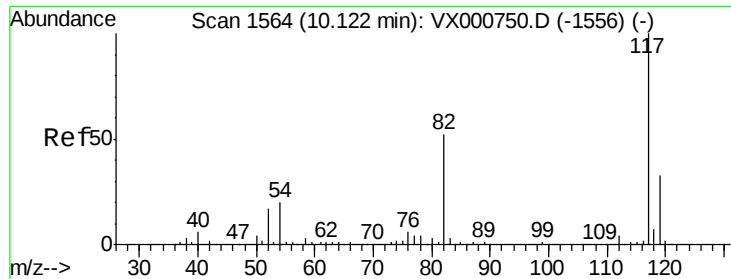


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

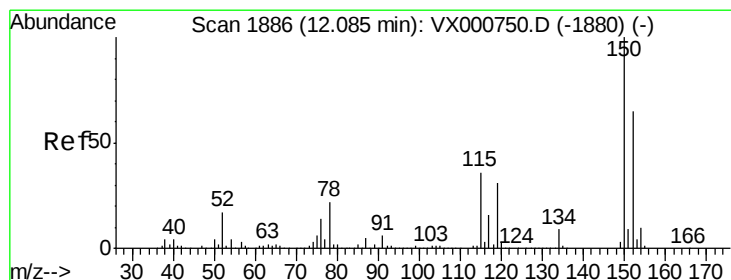
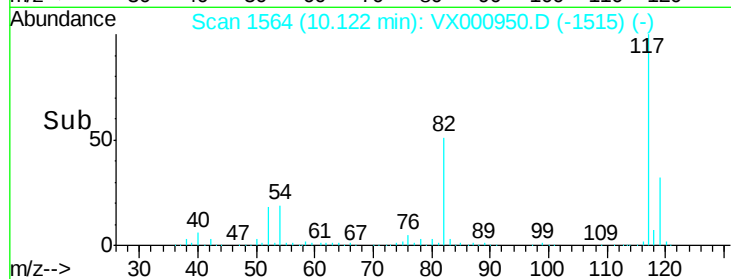
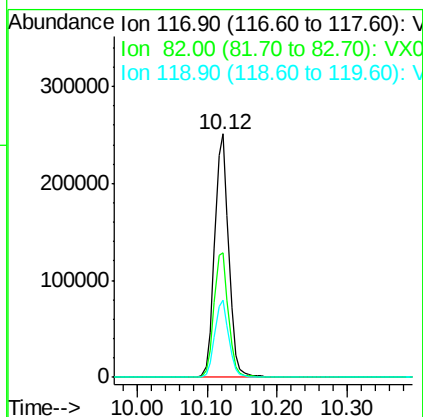
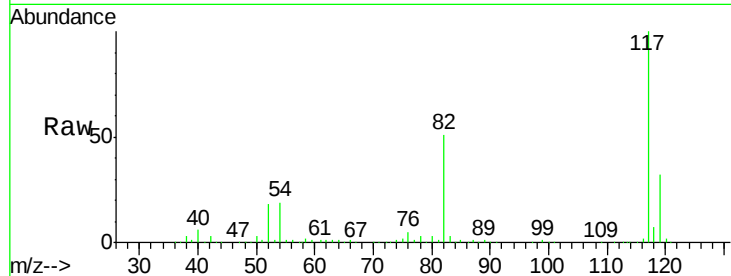




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000950.D
Acq: 17 Apr 2018 05:24

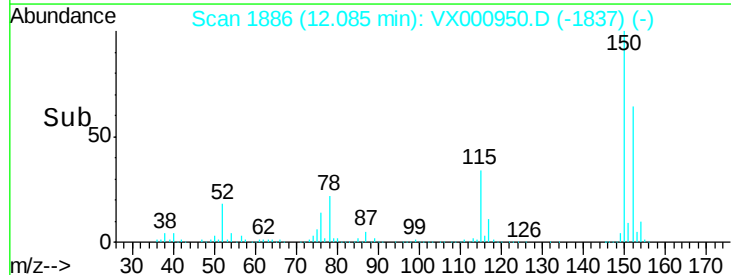
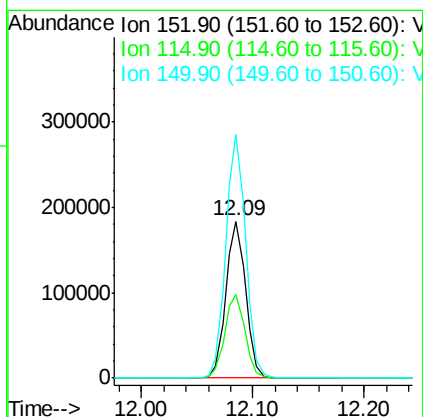
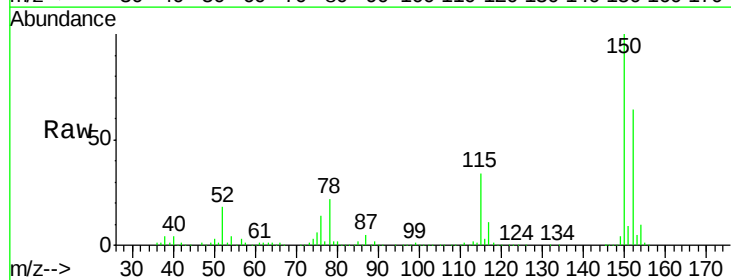
Instrument :
MSVOA_X
ClientSampleId :

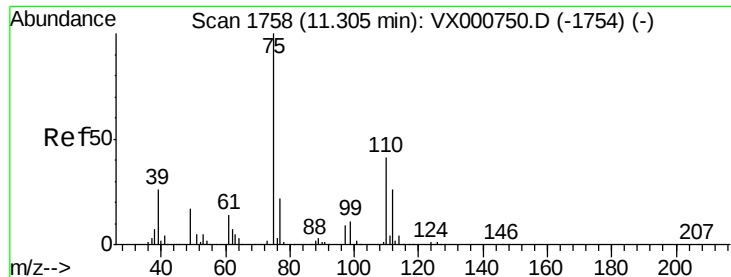
Tot Ion:117 Resp: 349815
Ion Ratio Lower Upper
117 100
82 51.0 41.9 62.9
119 31.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000950.D
Acq: 17 Apr 2018 05:24

Tgt Ion:152 Resp: 225035
Ion Ratio Lower Upper
152 100
115 54.0 37.9 113.7
150 155.9 0.0 348.0





#76

1,2,3-Trichloropropane

Concen: 25.259 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Instrument :

MSVOA_X

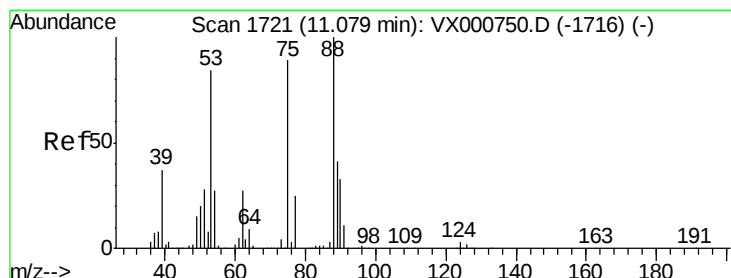
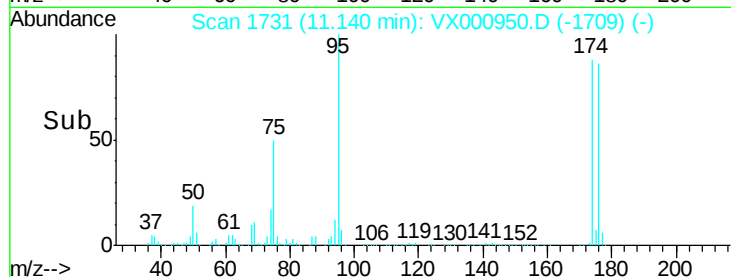
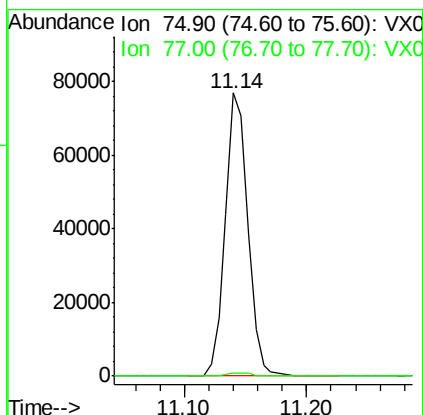
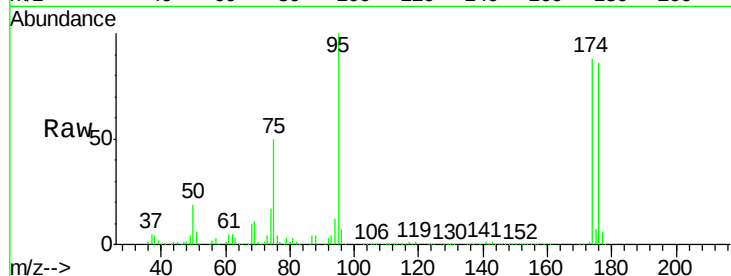
ClientSampleId :

Tot Ion: 75 Resp: 98031

Ion Ratio Lower Upper

75 100

77 1.2 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.483 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000950.D

Acq: 17 Apr 2018 05:24

Tgt Ion: 75 Resp: 98031

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

