

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000805.D
 Acq On : 12 Apr 2018 16:32
 Operator : JC/MD
 Sample : PB108167TB 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108167TB

Quant Time: Apr 13 06:55:08 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	274502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199711	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	156117	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
35) Dibromofluoromethane	5.51	113	129251	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
50) Toluene-d8	8.73	98	489066	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.15	95	185207	43.59	ug/l	0.00
Spiked Amount			Recovery	=	87.18%	

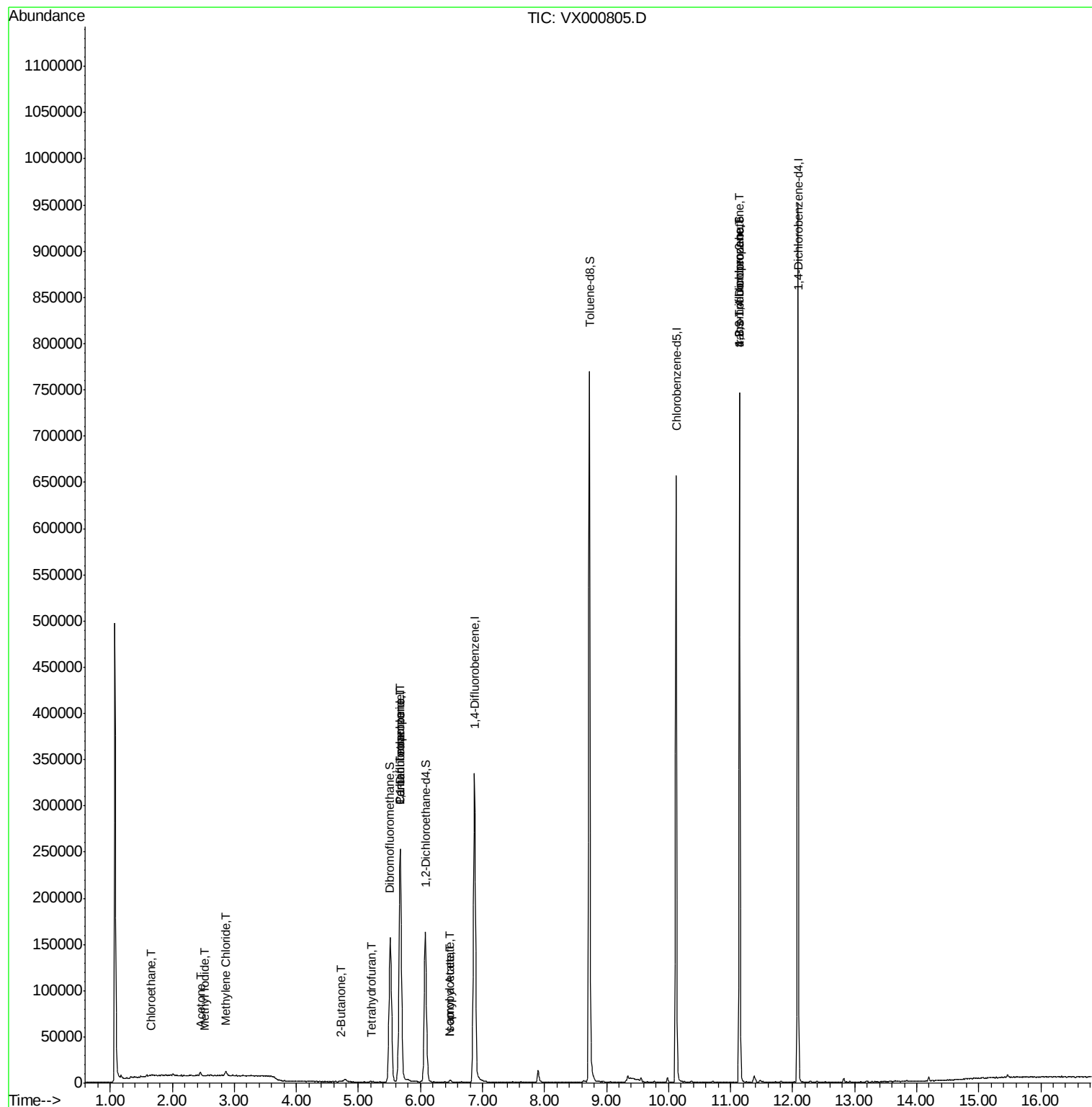
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	300	Below Cal	#	73
6) Chloroethane	1.66	64	430	0.24	ug/l #	72
10) Methyl Iodide	2.53	142	172	8.30	ug/l #	72
16) Acetone	2.45	43	4064	3.40	ug/l	97
20) Methylene Chloride	2.86	84	2514	0.91	ug/l	95
25) 2-Butanone	4.71	43	722	0.37	ug/l #	68
29) Tetrahydrofuran	5.20	42	296	0.24	ug/l #	55
36) 1,1-Dichloropropene	5.67	75	16260	4.12	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23552	5.34	ug/l #	15
43) Isopropyl Acetate	6.48	43	2784	0.42	ug/l #	95
74) N-amyl acetate	6.48	43	2784	0.49	ug/l #	98
76) 1,2,3-Trichloropropane	11.15	75	91517	26.57	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	91517	73.09	ug/l #	11

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

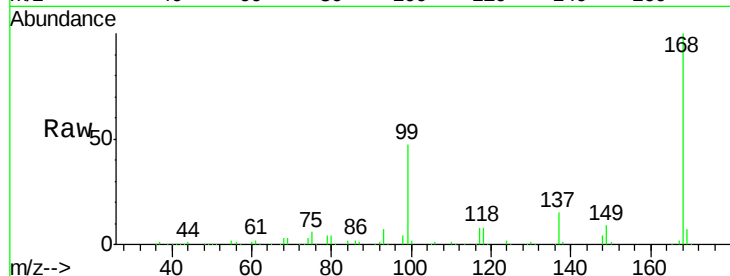
PB108167TB

Tgt Ion:168 Resp: 274502

Ion Ratio Lower Upper

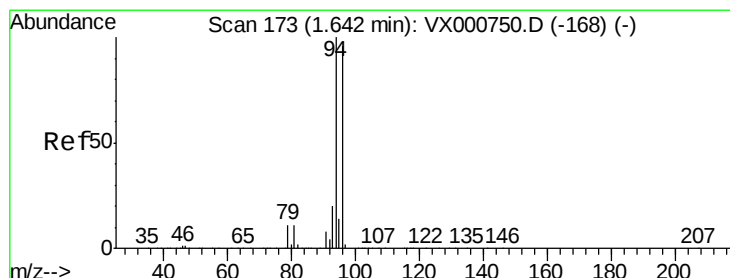
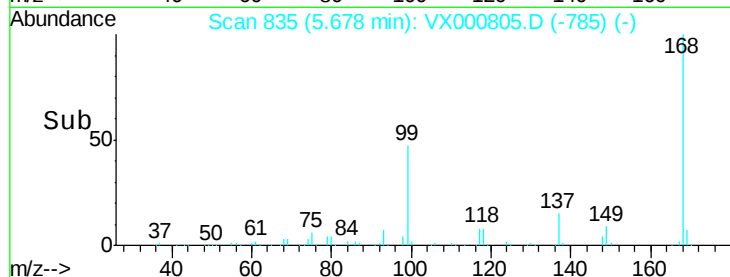
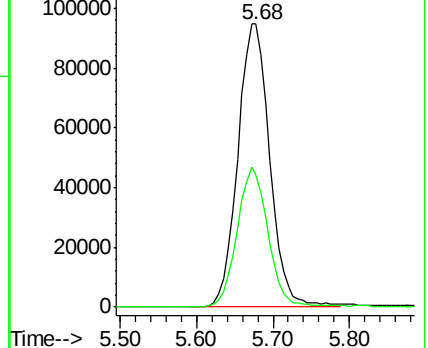
168 100

99 46.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000805.D

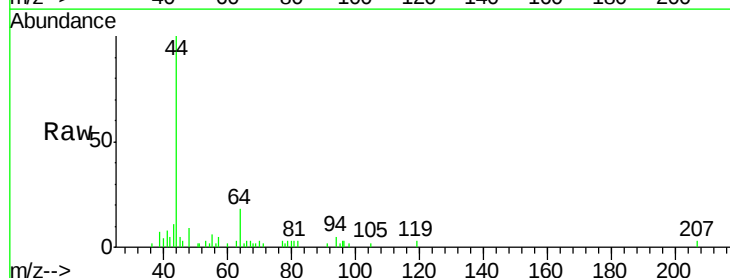
Acq: 12 Apr 2018 16:32

Tgt Ion: 94 Resp: 300

Ion Ratio Lower Upper

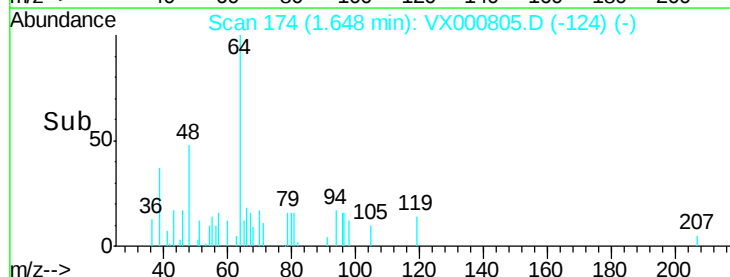
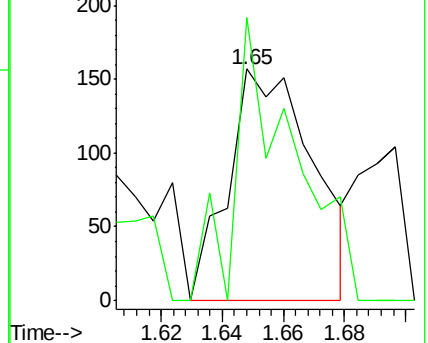
94 100

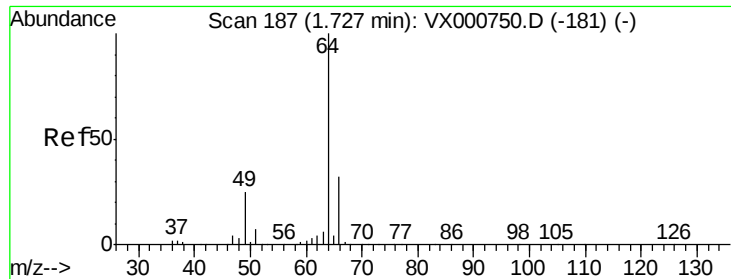
96 122.3 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.24 ug/l

RT: 1.66 min Scan# 176

Delta R.T. -0.07 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

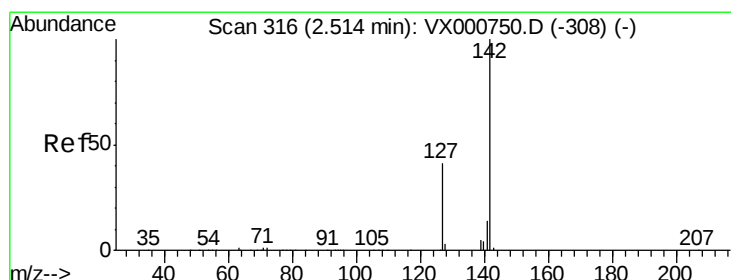
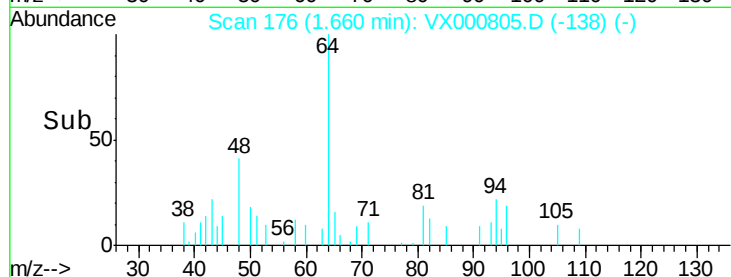
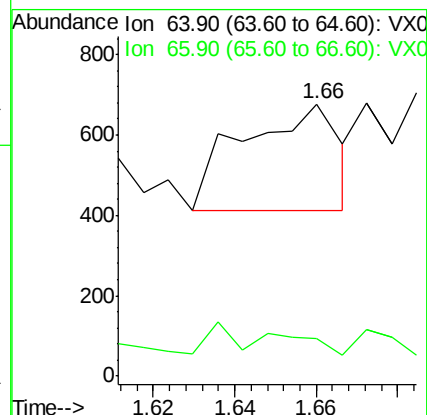
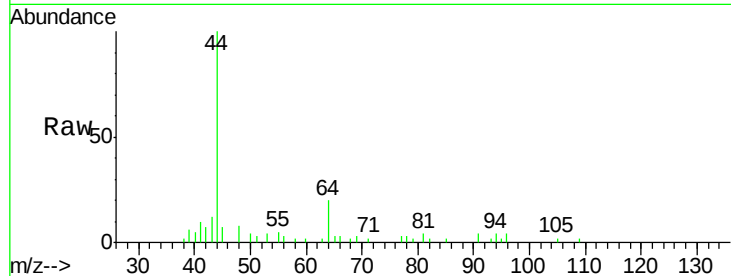
PB108167TB

Tgt Ion: 64 Resp: 430

Ion Ratio Lower Upper

64 100

66 16.3 25.3 37.9#



#10

Methyl Iodide

Concen: 8.30 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

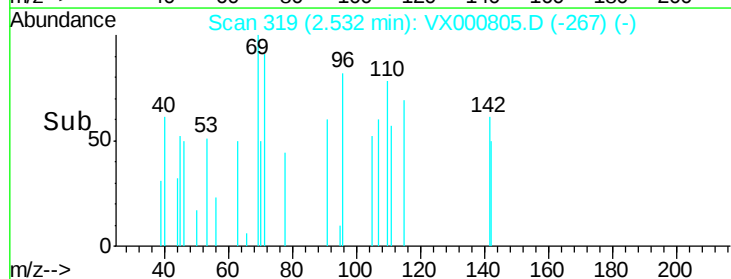
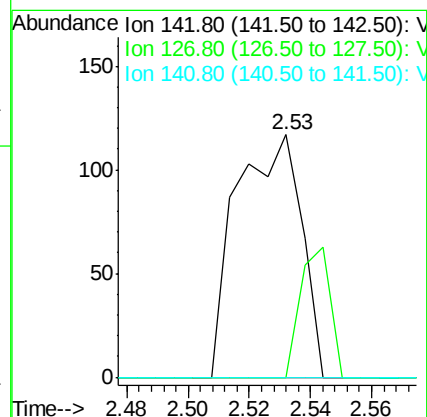
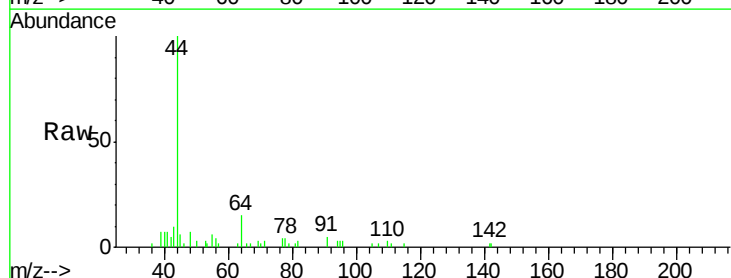
Tgt Ion: 142 Resp: 172

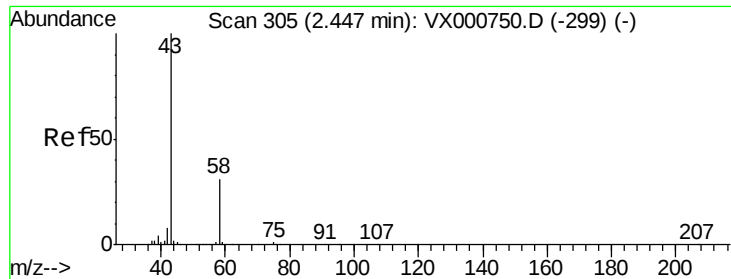
Ion Ratio Lower Upper

142 100

127 25.0 32.6 49.0#

141 0.0 11.5 17.3#





#16

Acetone

Concen: 3.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

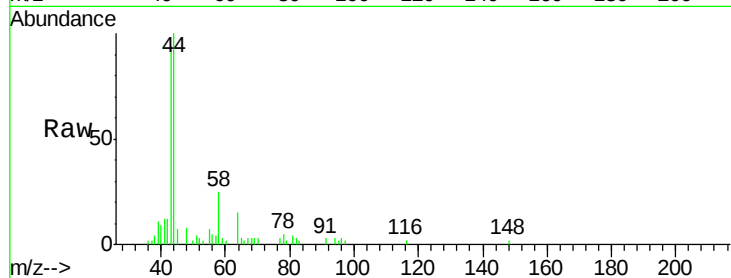
PB108167TB

Tgt Ion: 43 Resp: 4064

Ion Ratio Lower Upper

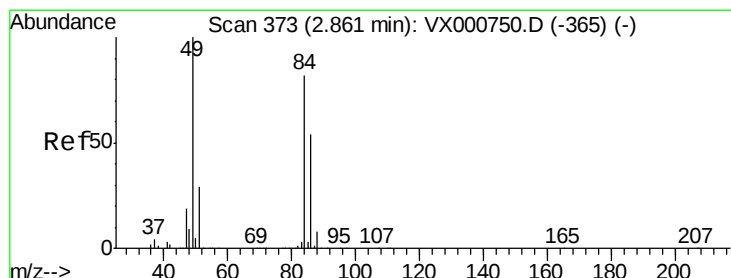
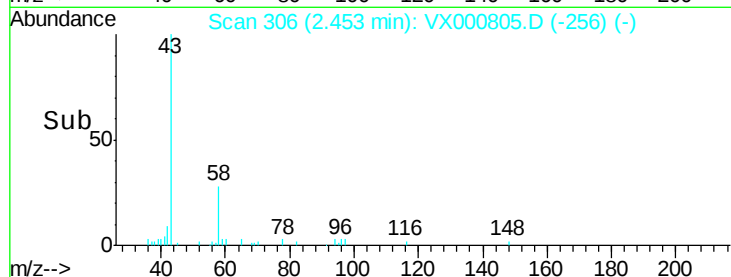
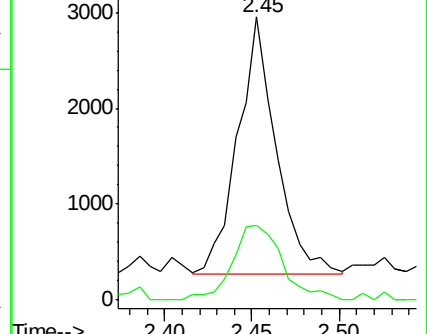
43 100

58 29.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.91 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Tgt Ion: 84 Resp: 2514

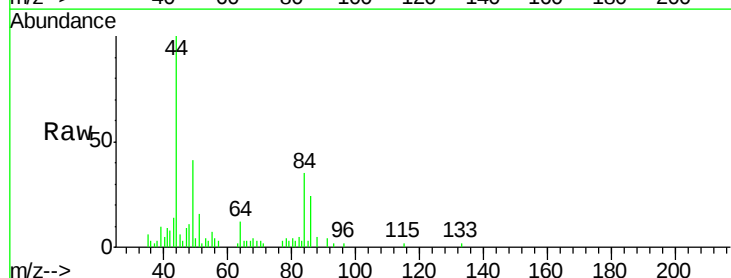
Ion Ratio Lower Upper

84 100

49 117.5 98.1 147.1

51 38.8 28.9 43.3

86 70.3 52.7 79.1

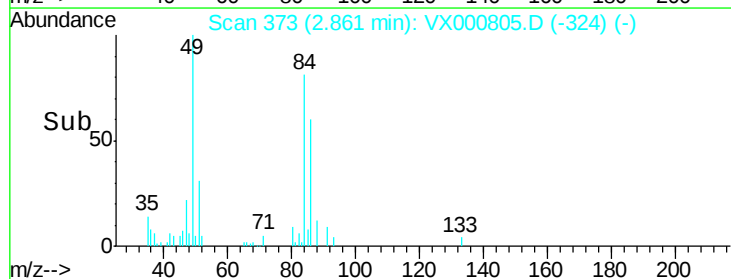
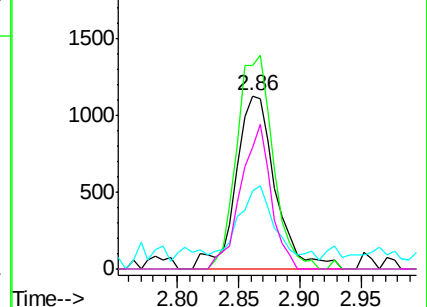


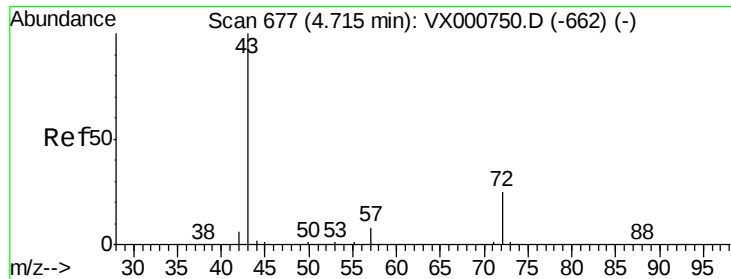
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

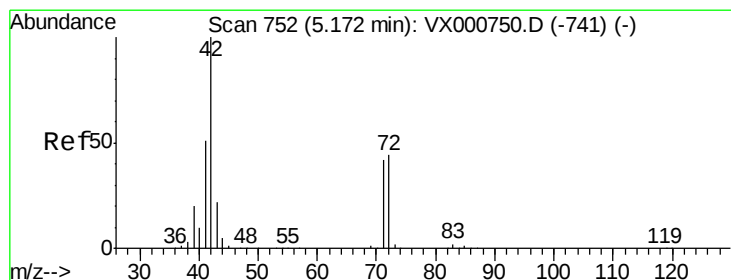
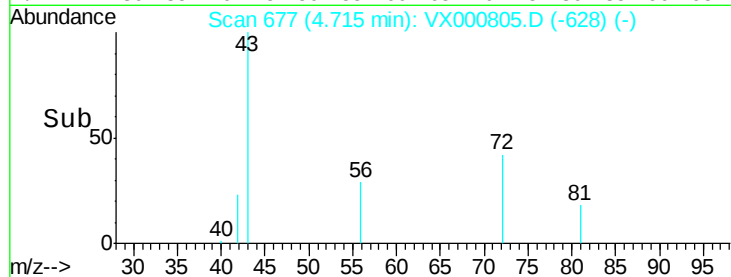
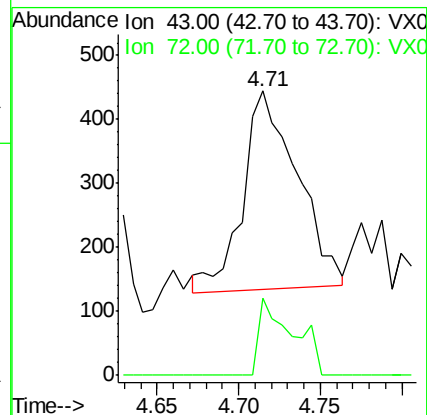
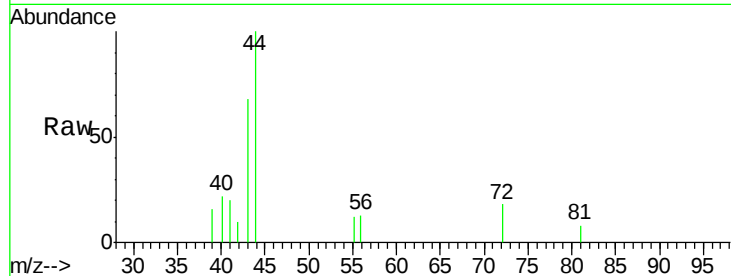
PB108167TB

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

72 41.4 20.3 30.5#



#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

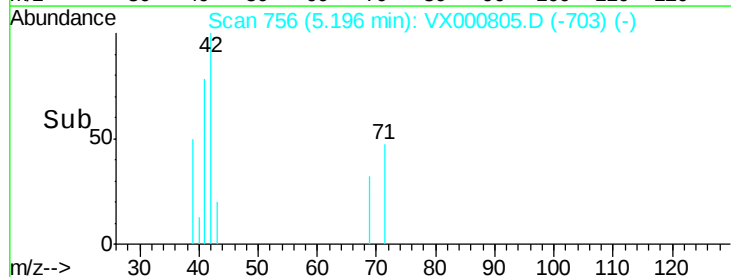
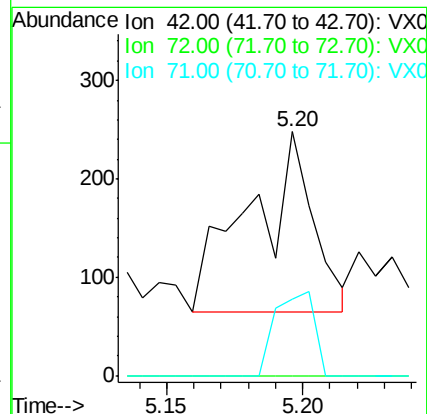
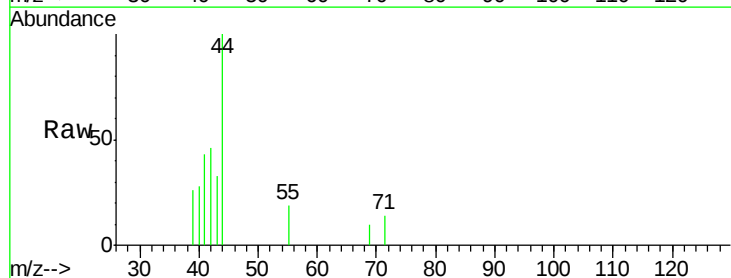
Tgt Ion: 42 Resp: 296

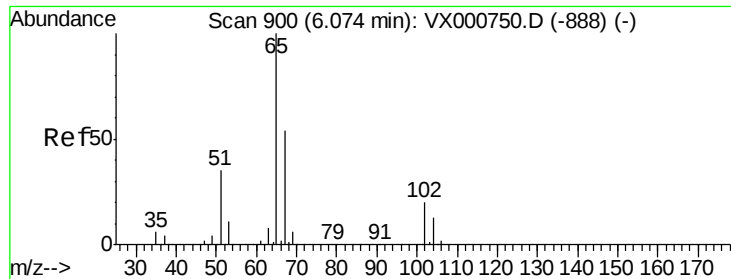
Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

71 28.7 32.8 49.2#

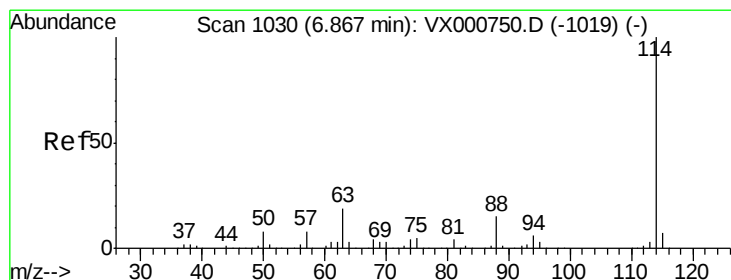
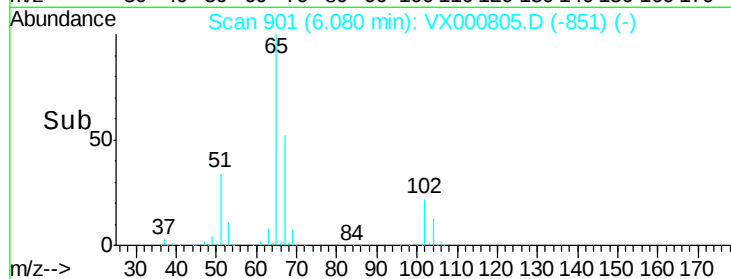
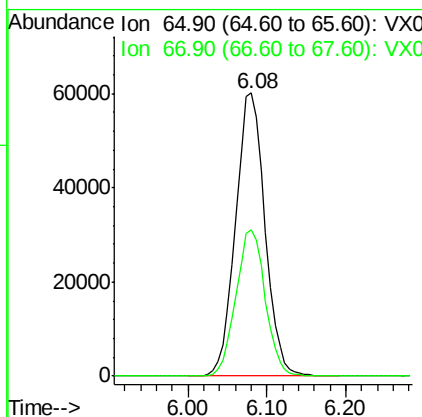
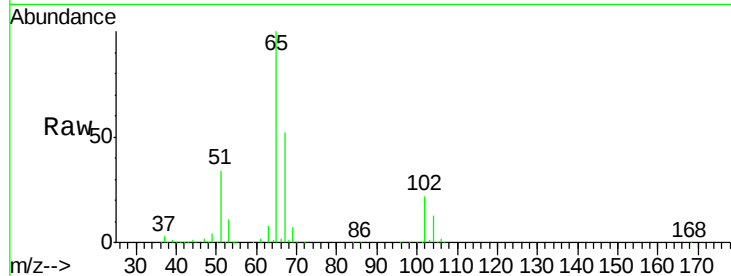




#33
 1,2-Dichloroethane-d4
 Concen: 45.11 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000805.D
 Acq: 12 Apr 2018 16:32

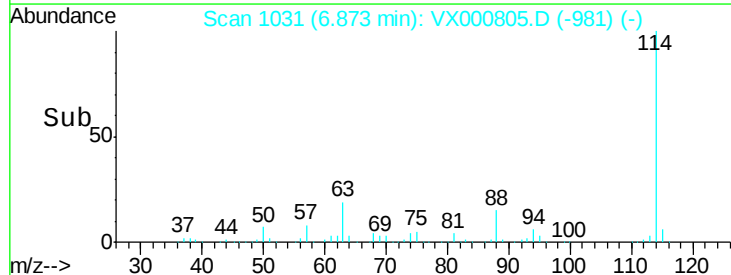
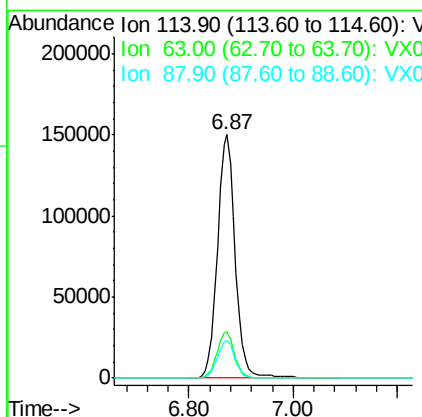
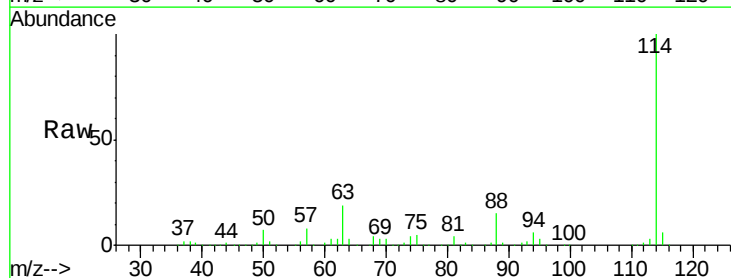
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108167TB

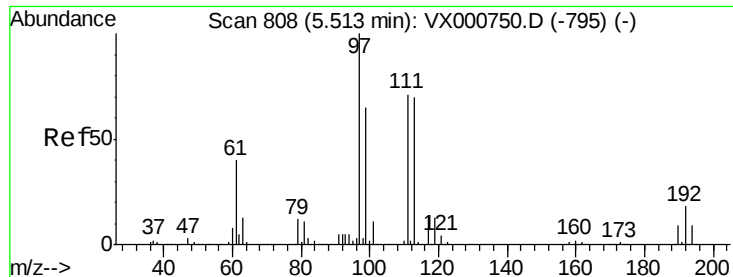
Tgt Ion: 65 Resp: 156117
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000805.D
 Acq: 12 Apr 2018 16:32

Tgt Ion: 114 Resp: 358012
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.86 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB108167TB

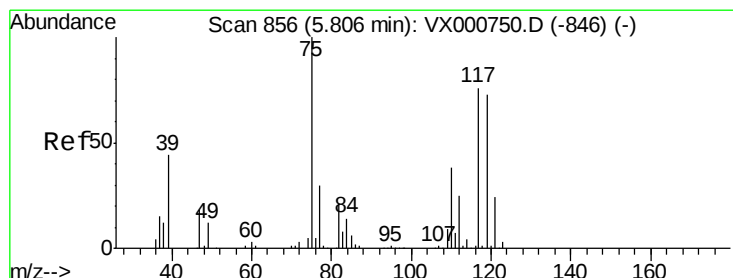
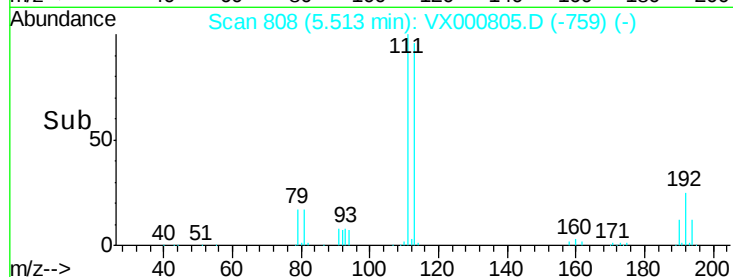
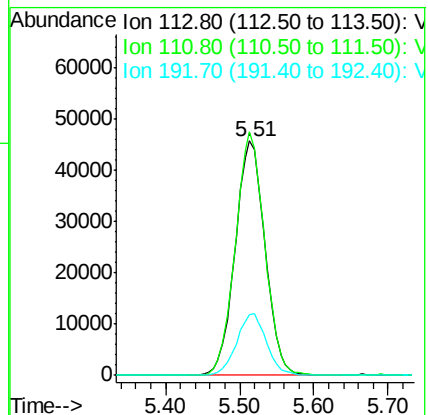
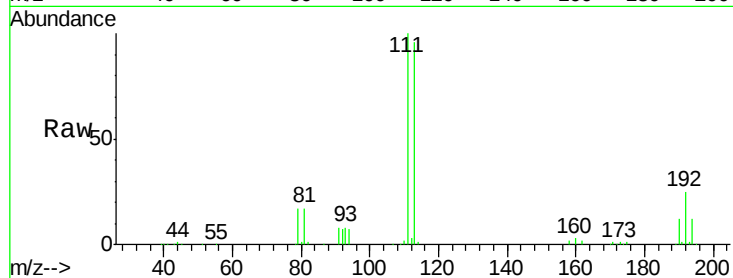
Tgt Ion:113 Resp: 129251

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

192 25.9 20.4 30.6



#36

1,1-Dichloropropene

Concen: 4.12 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

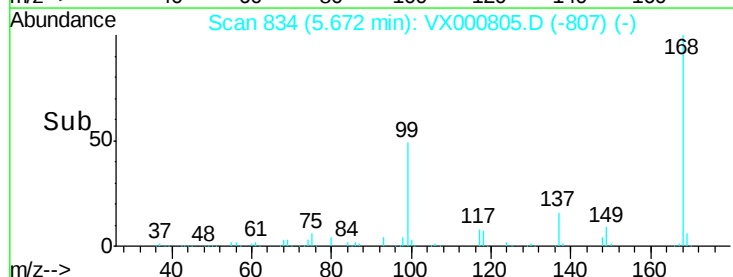
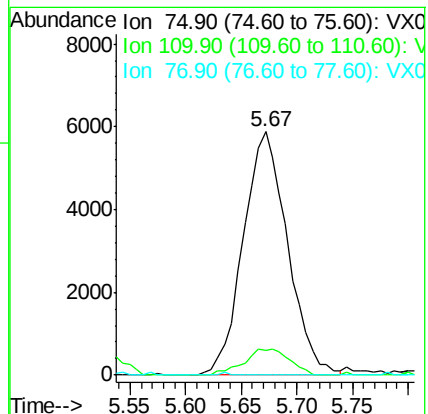
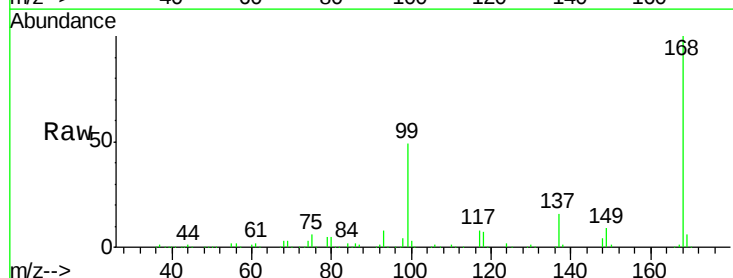
Tgt Ion: 75 Resp: 16260

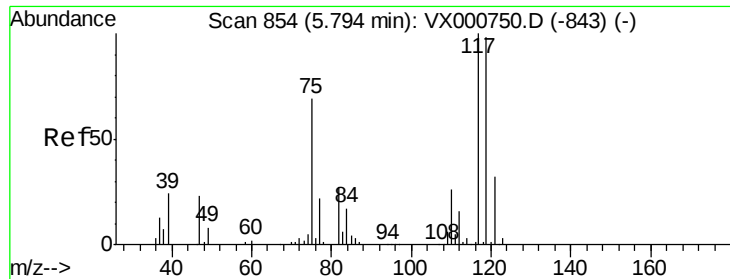
Ion Ratio Lower Upper

75 100

110 10.9 19.2 57.6#

77 0.0 25.4 38.2#

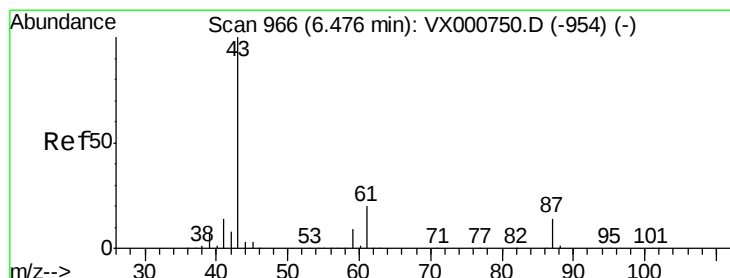
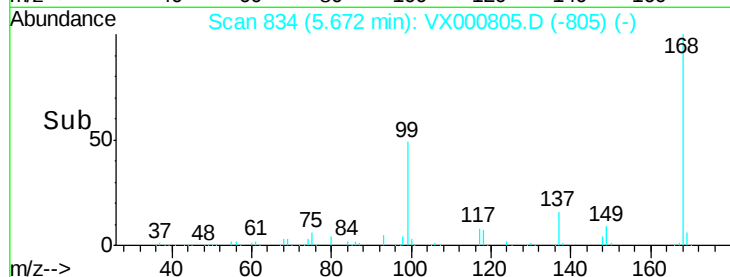
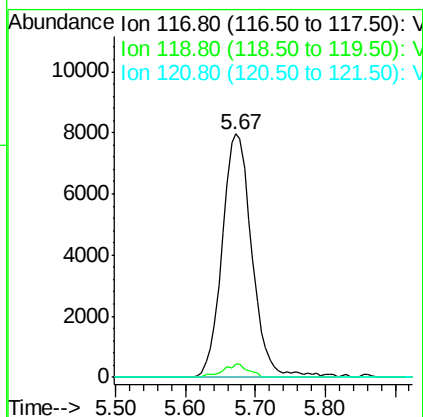
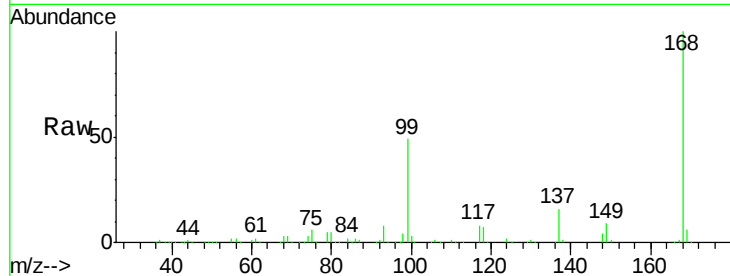




#38
Carbon Tetrachloride
Concen: 5.34 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000805.D
Acq: 12 Apr 2018 16:32

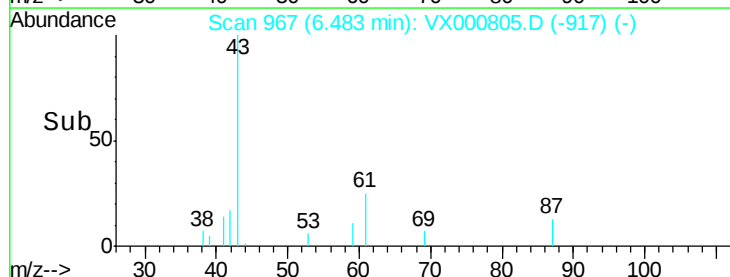
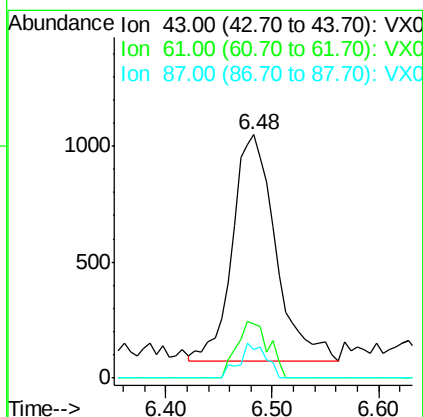
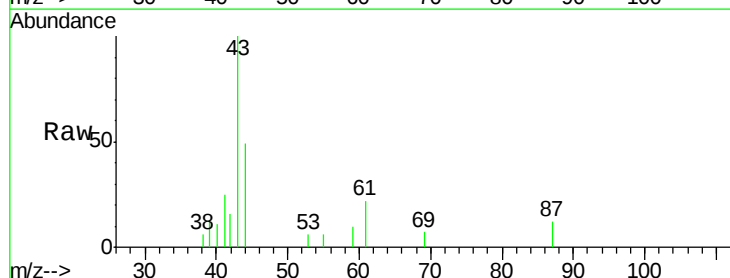
Instrument :
MSVOA_X
ClientSampled :
PB108167TB

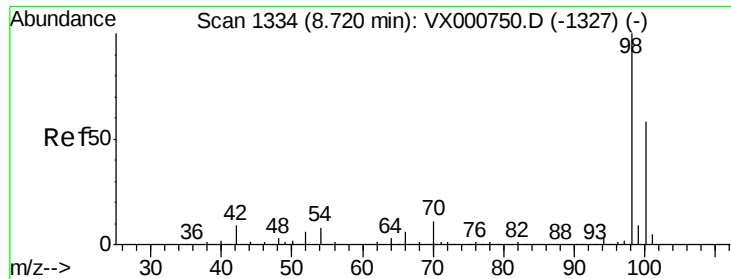
Tgt Ion:117 Resp: 23552
Ion Ratio Lower Upper
117 100
119 5.5 78.4 117.6#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 0.42 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000805.D
Acq: 12 Apr 2018 16:32

Tgt Ion: 43 Resp: 2784
Ion Ratio Lower Upper
43 100
61 18.6 15.6 23.4
87 9.4 10.7 16.1#





#50

Toluene-d8

Concen: 47.62 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

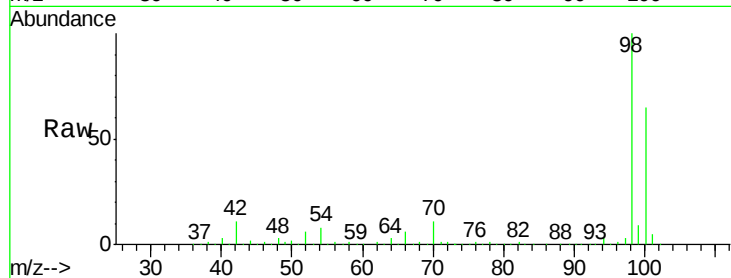
PB108167TB

Tgt Ion: 98 Resp: 489066

Ion Ratio Lower Upper

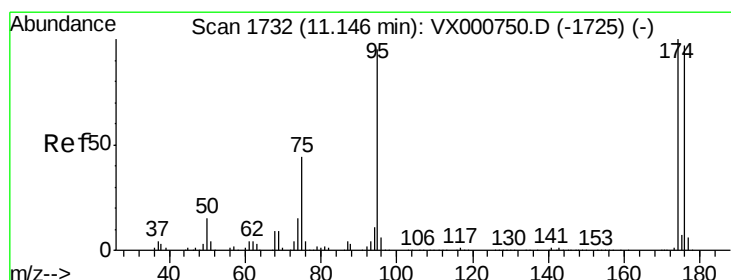
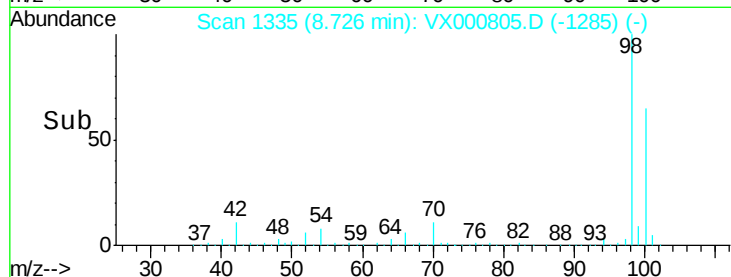
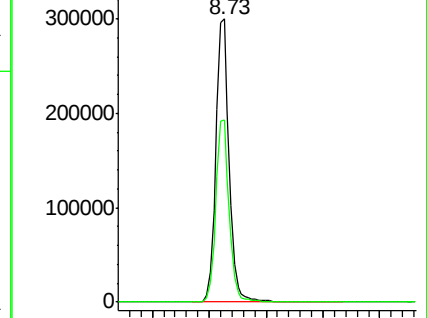
98 100

100 64.6 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: 43.59 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

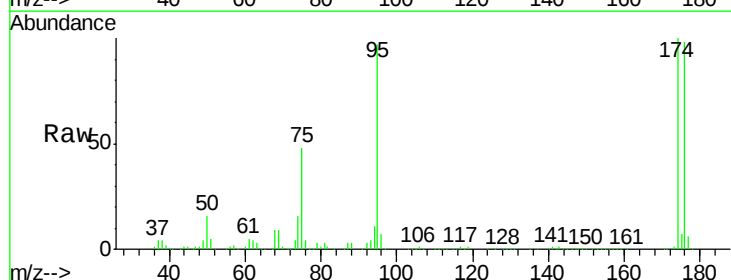
Tgt Ion: 95 Resp: 185207

Ion Ratio Lower Upper

95 100

174 98.0 0.0 198.4

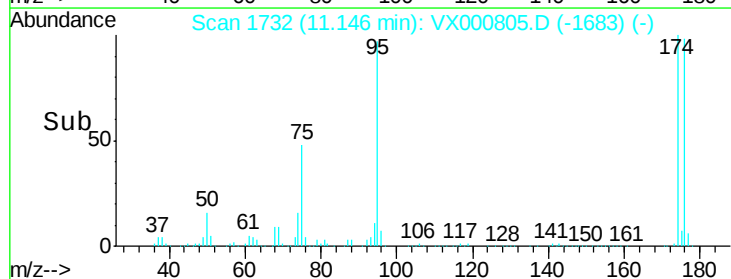
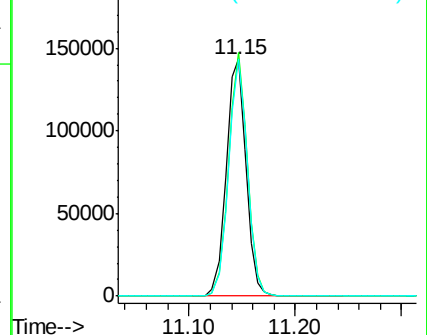
176 96.1 0.0 194.4

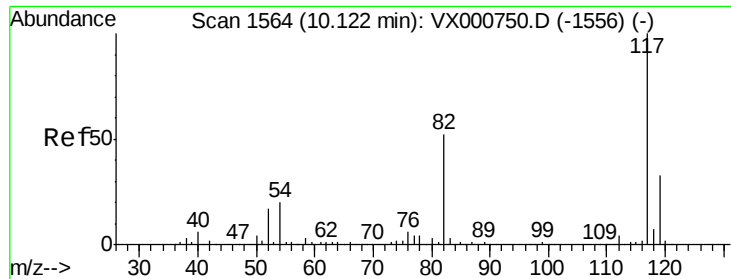


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

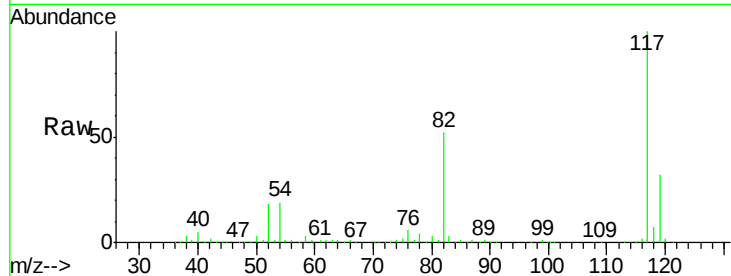




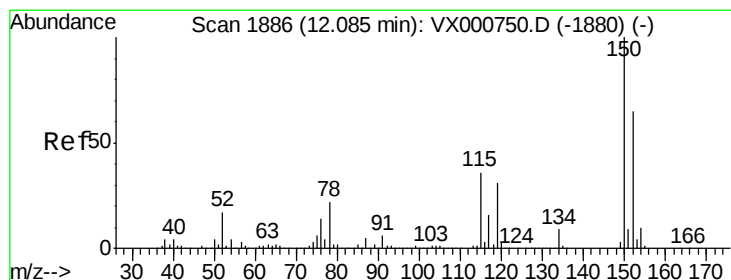
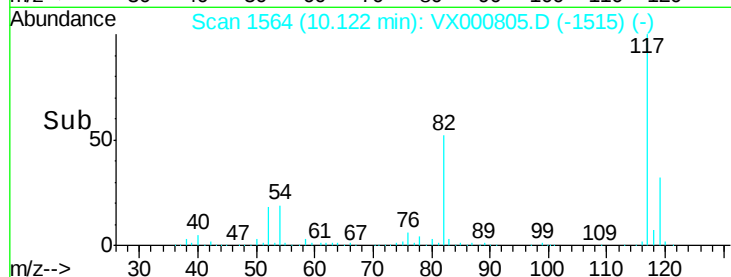
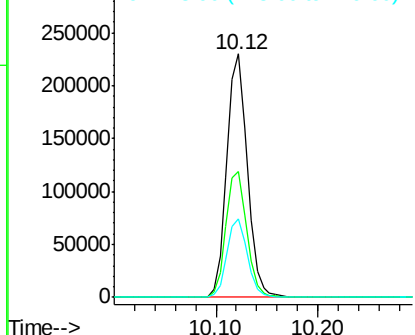
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000805.D
Acq: 12 Apr 2018 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB108167TB

Tgt Ion:117 Resp: 319466
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 32.4 26.0 39.0

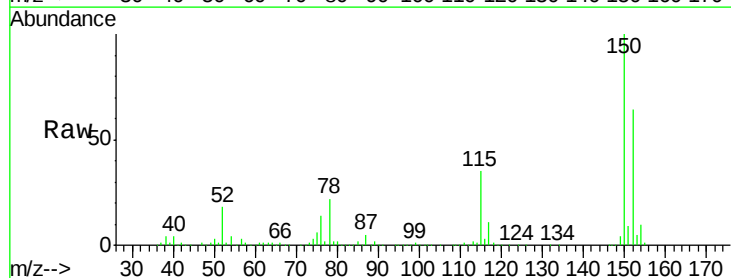


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

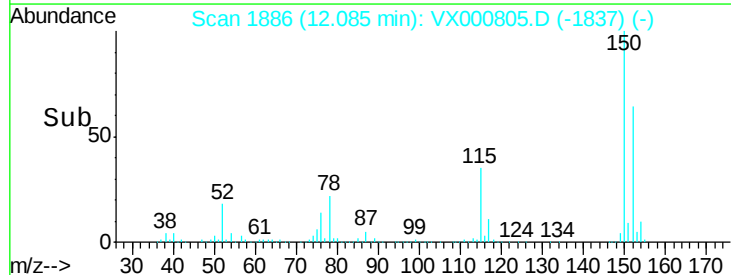
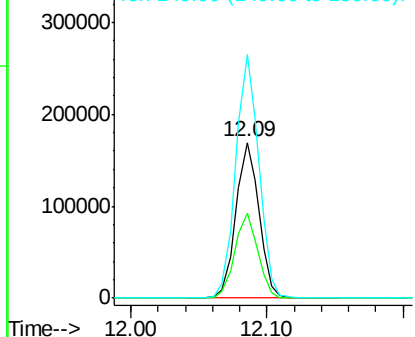


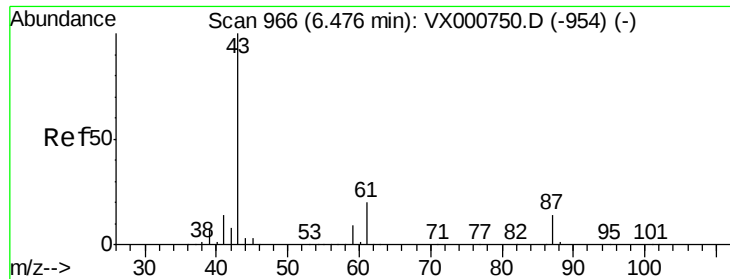
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000805.D
Acq: 12 Apr 2018 16:32

Tgt Ion:152 Resp: 199711
Ion Ratio Lower Upper
152 100
115 54.4 37.9 113.7
150 156.6 0.0 348.0



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





#74

N-ethyl acetate

Concen: 0.49 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampled :

PB108167TB

Tgt Ion: 43 Resp: 2784

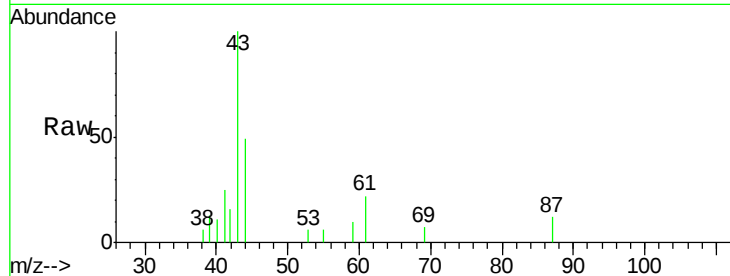
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 6.5 0.0 0.0#

61 18.6 15.6 23.4

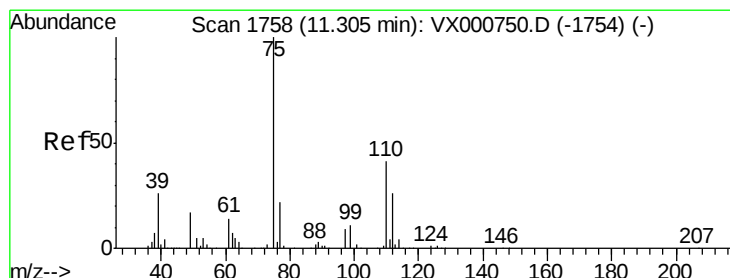
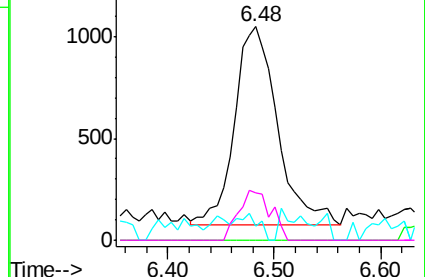
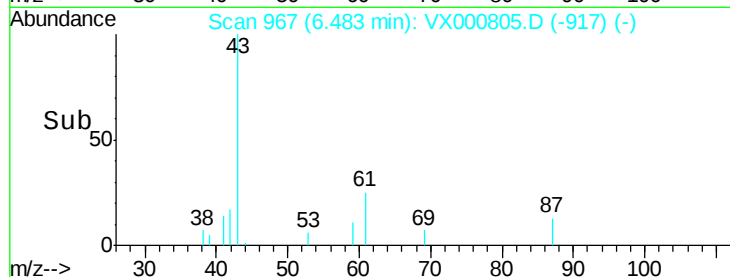


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 26.57 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000805.D

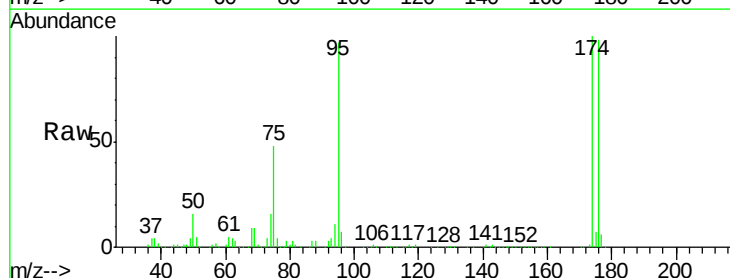
Acq: 12 Apr 2018 16:32

Tgt Ion: 75 Resp: 91517

Ion Ratio Lower Upper

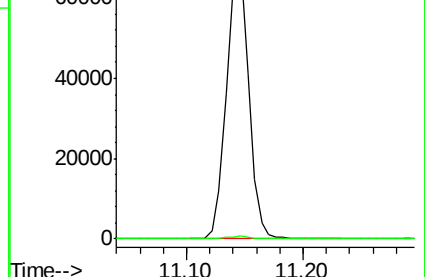
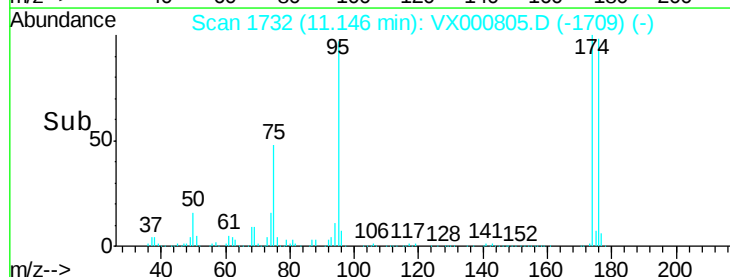
75 100

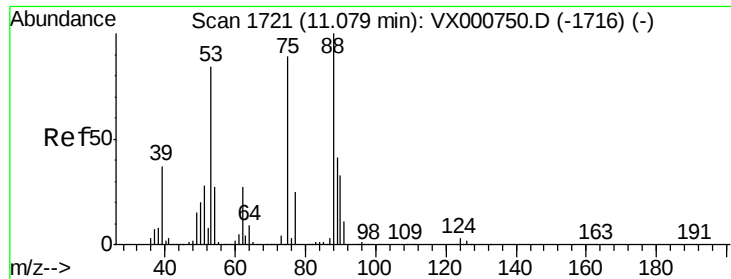
77 1.1 20.5 61.5#



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: 73.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB108167TB

Tgt Ion: 75 Resp: 91517

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

