

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006184.D
 Acq On : 26 Nov 2018 19:11
 Operator : JC/MD
 Sample : PB115023ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#03

Quant Time: Nov 27 02:31:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210688	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	197173	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
35) Dibromofluoromethane	5.51	113	161040	53.76	ug/l	0.00
Spiked Amount			Recovery	=	107.52%	
50) Toluene-d8	8.71	98	604727	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	197545	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

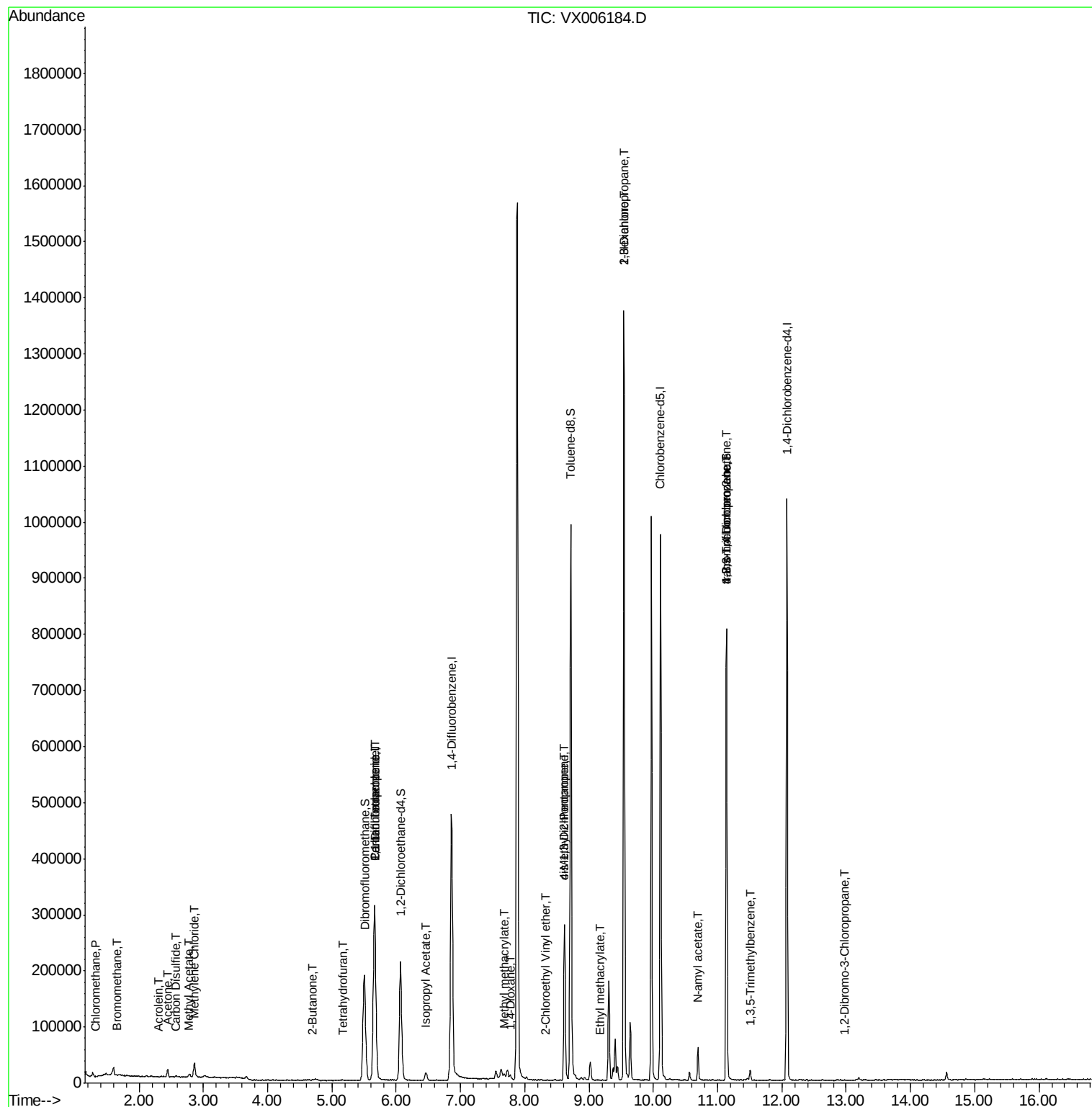
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	703	0.242	ug/l	94
5) Bromomethane	1.65	94	130	3.768	ug/l #	2
6) Chloroethane	1.77	64	376	Below Cal	#	67
13) Acrolein	2.29	56	94	0.206	ug/l #	13
16) Acetone	2.45	43	13623	8.547	ug/l	99
17) Carbon Disulfide	2.57	76	1812	0.300	ug/l #	55
18) Methyl Acetate	2.78	43	6365	1.557	ug/l #	87
20) Methylene Chloride	2.86	84	10955	4.222	ug/l	97
25) 2-Butanone	4.70	43	2237	0.756	ug/l #	83
29) Tetrahydrofuran	5.16	42	779	0.422	ug/l #	72
36) 1,1-Dichloropropene	5.66	75	22379	5.271	ug/l #	51
38) Carbon Tetrachloride	5.66	117	28353	7.105	ug/l #	19
43) Isopropyl Acetate	6.46	43	19863	2.518	ug/l	98
48) Methyl methacrylate	7.68	41	10397	2.599	ug/l #	17
49) 1,4-Dioxane	7.77	88	75	0.790	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	94127	16.644	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	40699	8.414	ug/l #	65
56) Ethyl methacrylate	9.17	69	233	2.907	ug/l #	23
57) 1,3-Dichloropropane	9.54	76	11314	2.048	ug/l #	45
58) 2-Chloroethyl Vinyl ether	8.32	63	122	6.762	ug/l	100
59) 2-Hexanone	9.54	43	164582	36.671	ug/l #	52
74) N-amyl acetate	10.69	43	14327	4.301	ug/l #	60
76) 1,2,3-Trichloropropane	11.14	75	102148	23.549	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	7250	0.675	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	102148	79.649	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	263	0.236	ug/l #	1

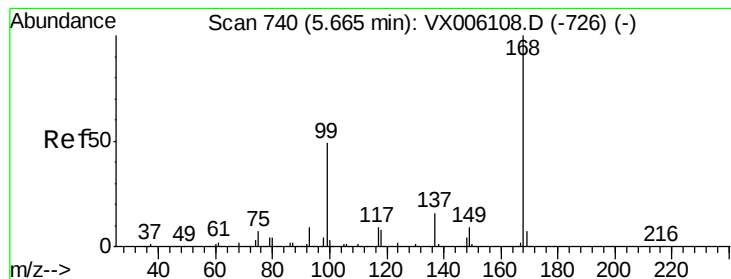
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

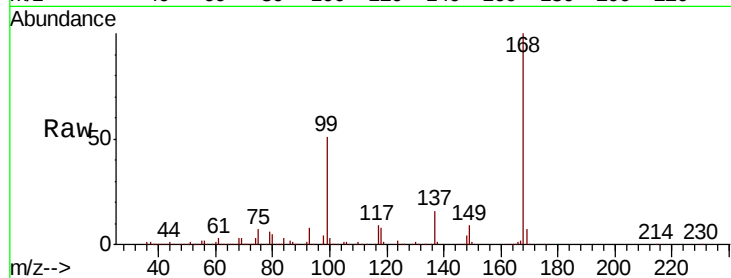
PB115023ZHE#03

Tot Ion:168 Resp: 309980

Ion Ratio Lower Upper

168 100

99 51.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

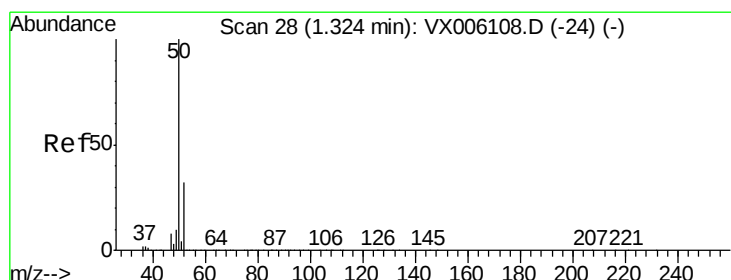
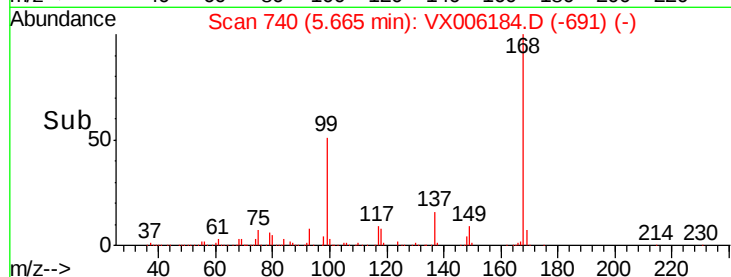
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.242 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006184.D

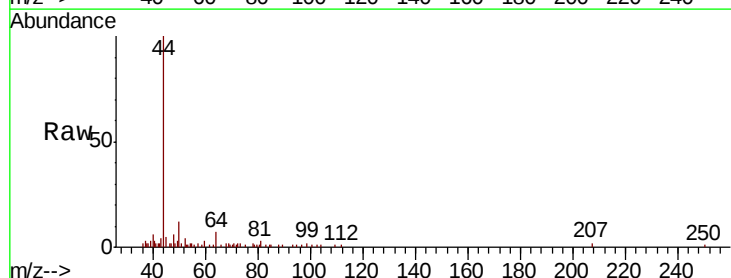
Acq: 26 Nov 2018 19:11

Tgt Ion: 50 Resp: 703

Ion Ratio Lower Upper

50 100

52 28.9 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

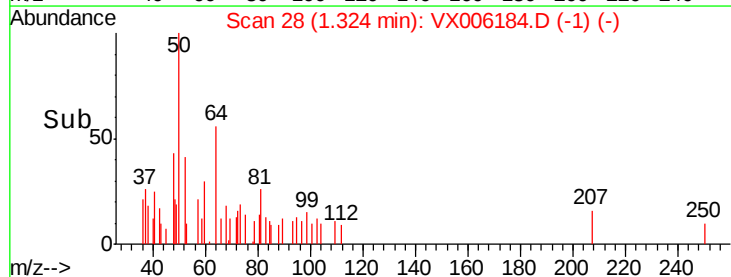
600

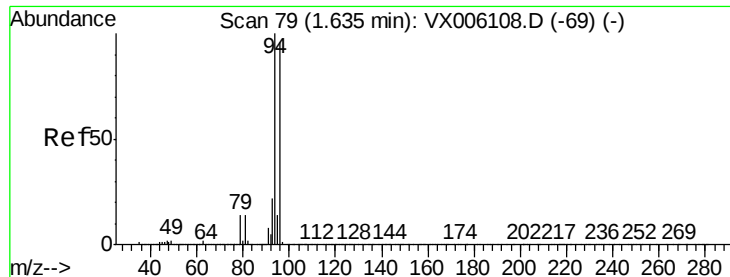
400

200

0

Time--> 1.30 1.32 1.34 1.36





#5

Bromomethane

Concen: 3.768 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

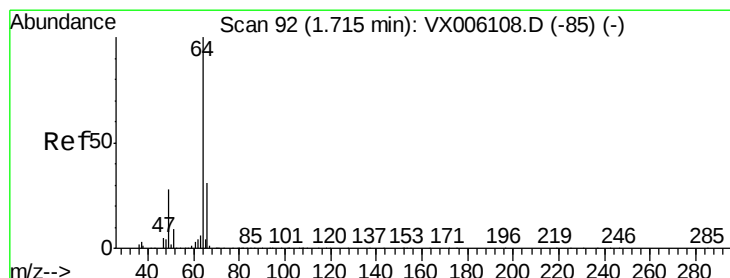
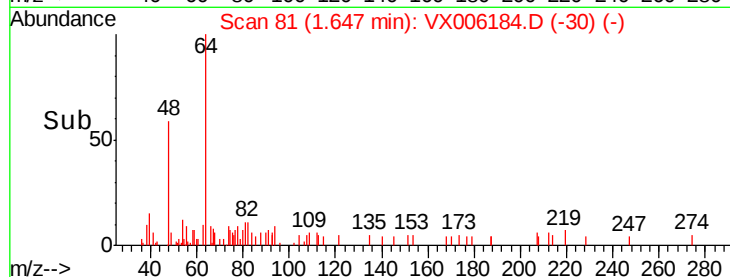
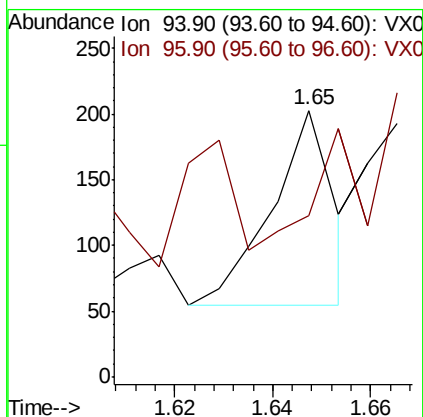
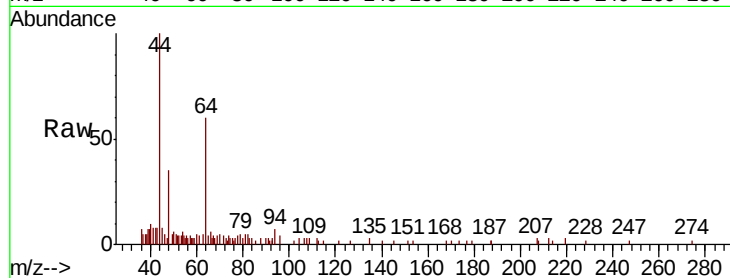
PB115023ZHE#03

Tot Ion: 94 Resp: 130

Ion Ratio Lower Upper

94 100

96 0.0 76.7 115.1#



#6

Chloroethane

Concen: Below Cal

RT: 1.77 min Scan# 101

Delta R.T. 0.06 min

Lab File: VX006184.D

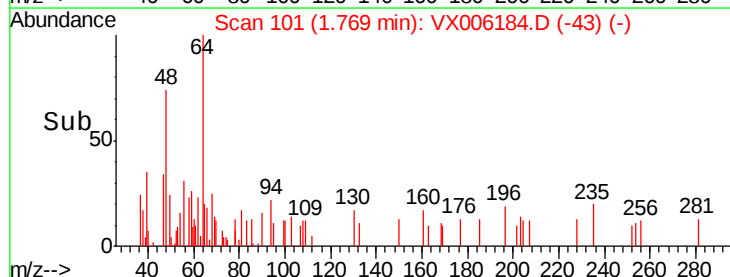
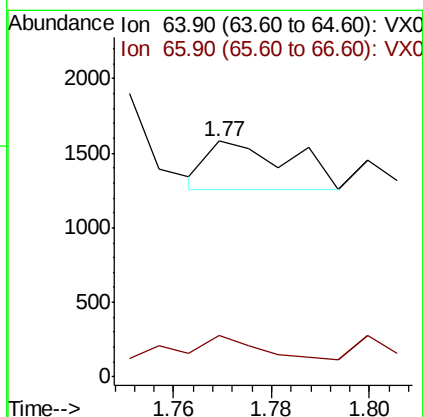
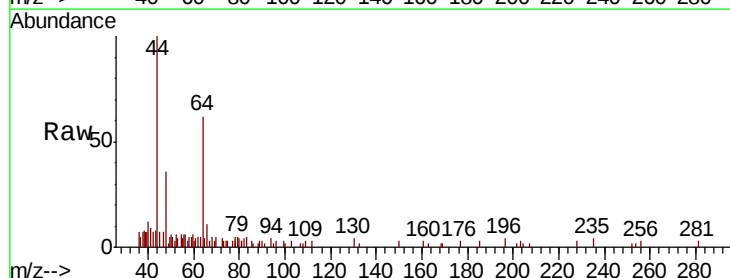
Acq: 26 Nov 2018 19:11

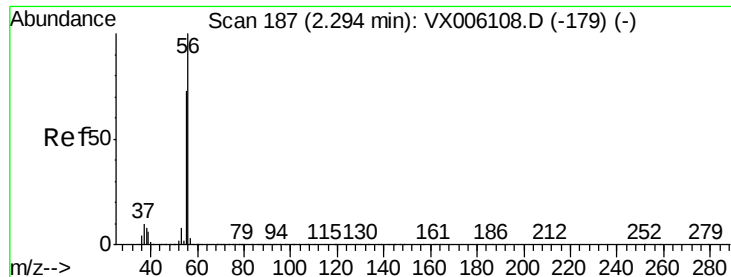
Tgt Ion: 64 Resp: 376

Ion Ratio Lower Upper

64 100

66 49.5 25.1 37.7#





#13

Acrolein

Concen: 0.206 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

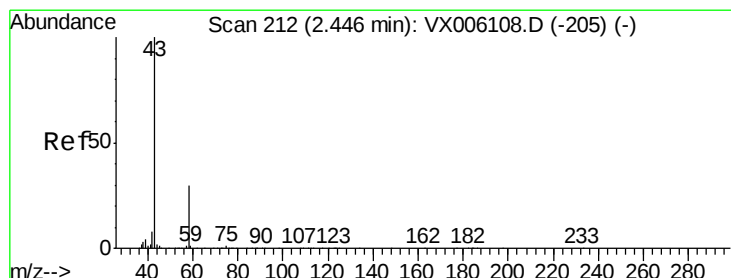
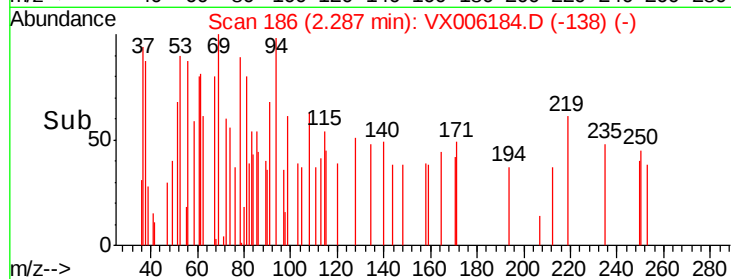
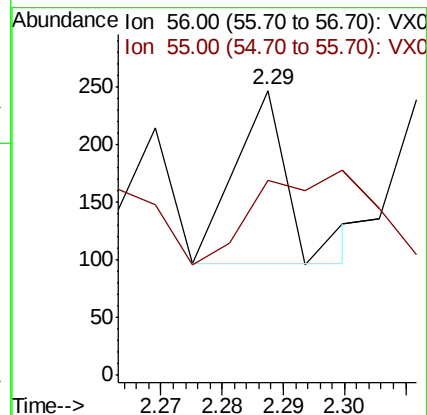
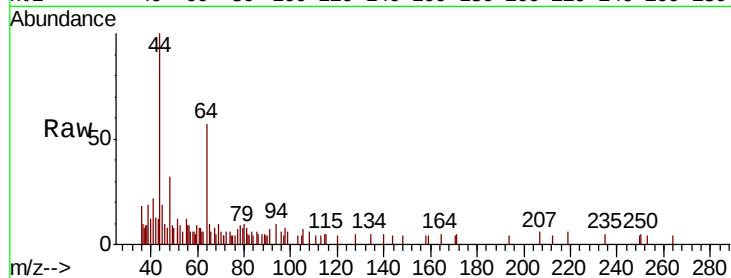
PB115023ZHE#03

Tot Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



#16

Acetone

Concen: 8.547 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006184.D

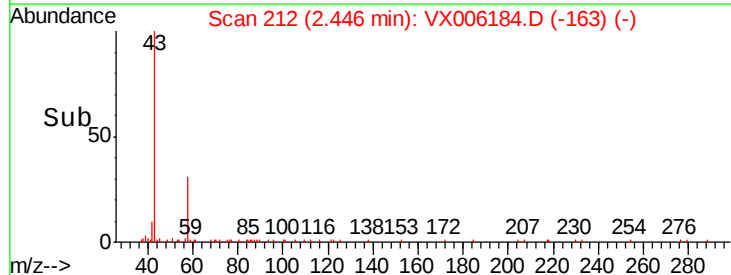
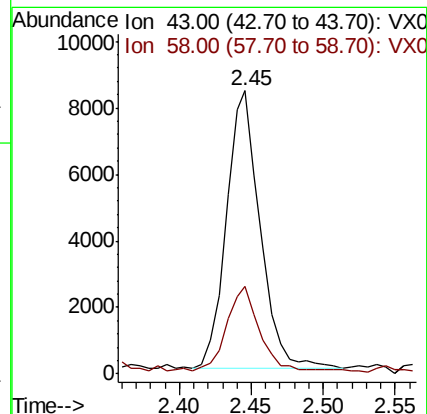
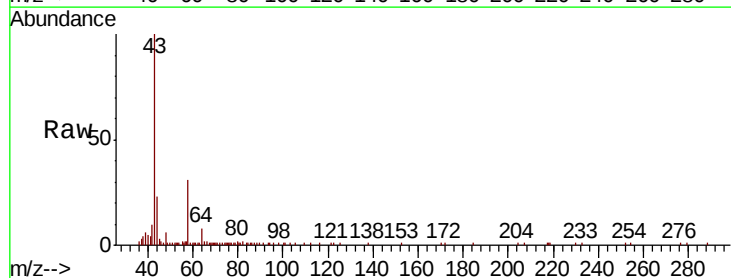
Acq: 26 Nov 2018 19:11

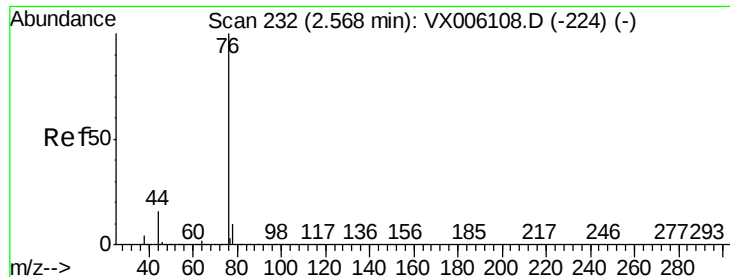
Tgt Ion: 43 Resp: 13623

Ion Ratio Lower Upper

43 100

58 30.5 23.8 35.8





#17

Carbon Disulfide

Concen: 0.300 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

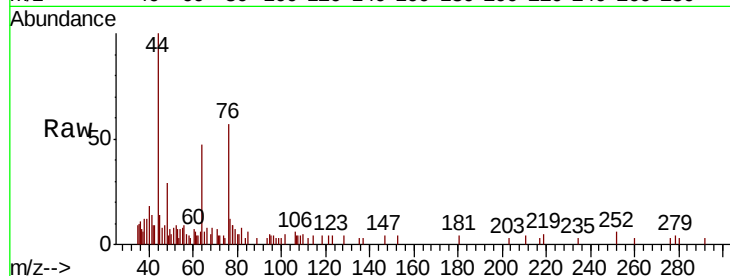
PB115023ZHE#03

Tot Ion: 76 Resp: 1812

Ion Ratio Lower Upper

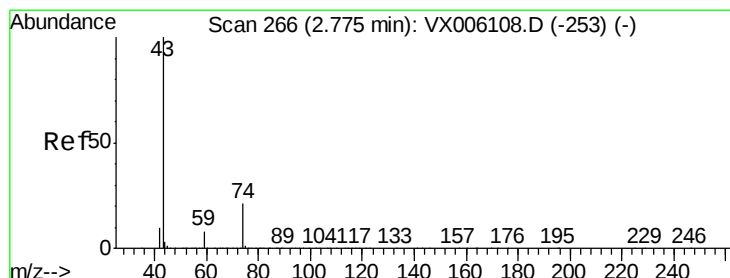
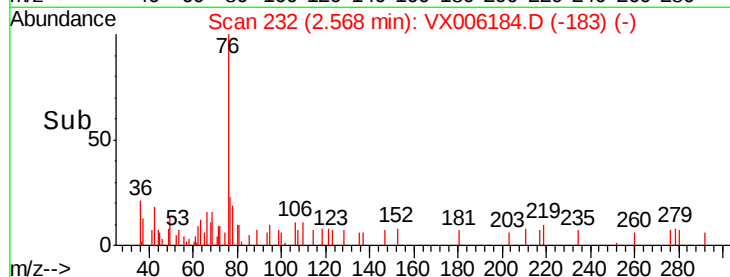
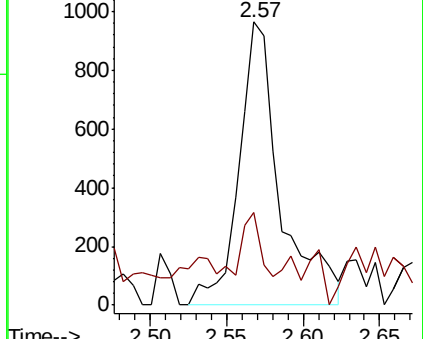
76 100

78 26.2 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.557 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006184.D

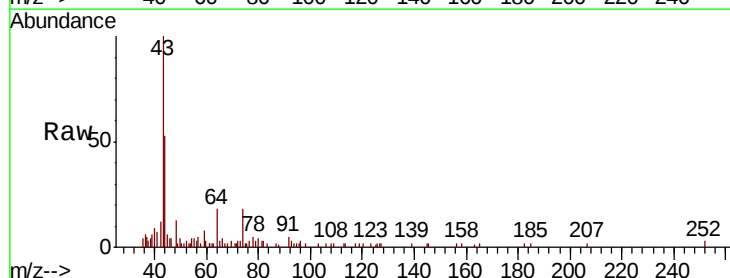
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 6365

Ion Ratio Lower Upper

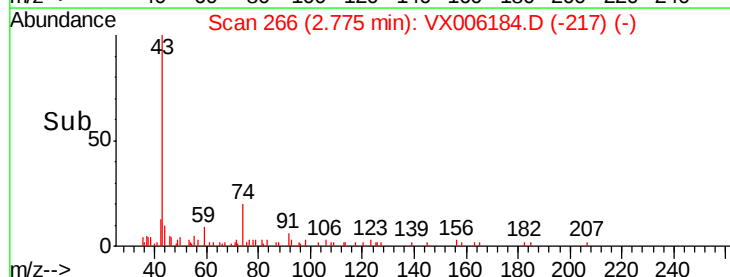
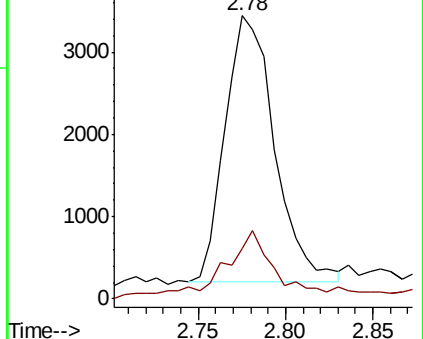
43 100

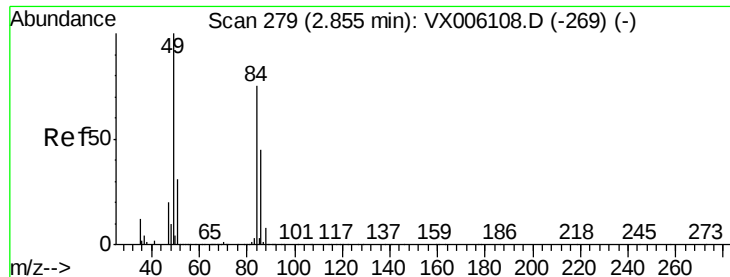
74 27.8 17.3 25.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 4.222 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

Tot Ion: 84 Resp: 10955

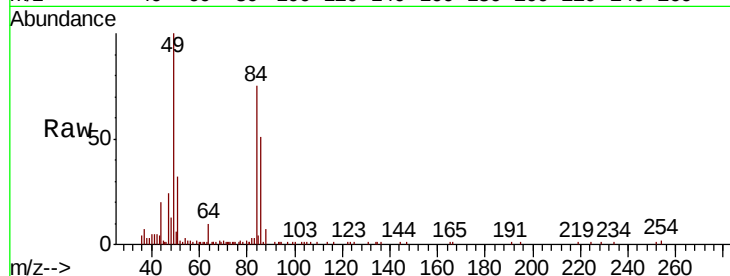
Ion Ratio Lower Upper

84 100

49 132.4 106.6 159.8

51 40.8 32.6 49.0

86 67.5 48.4 72.6

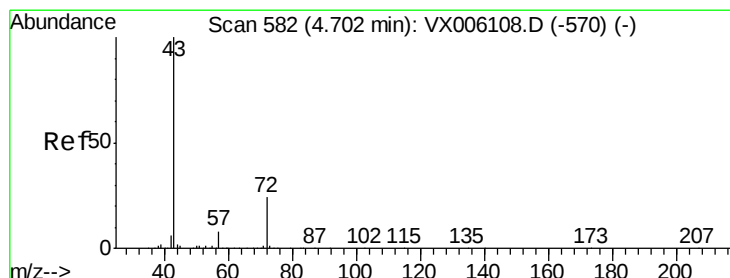
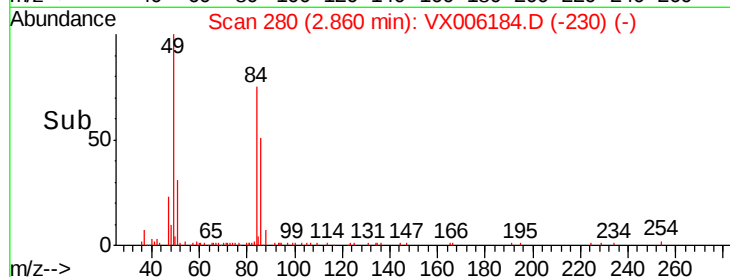
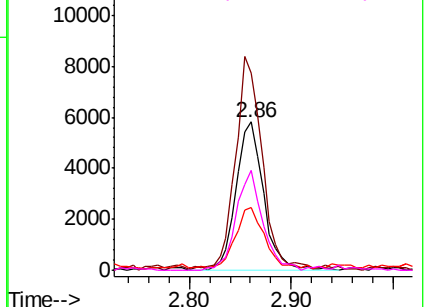


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.756 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006184.D

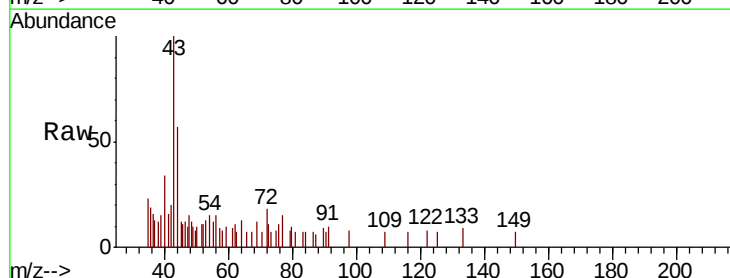
Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 2237

Ion Ratio Lower Upper

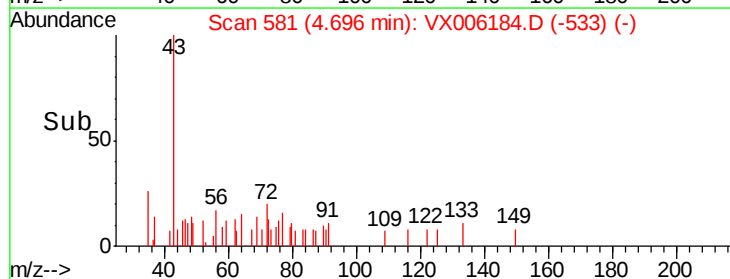
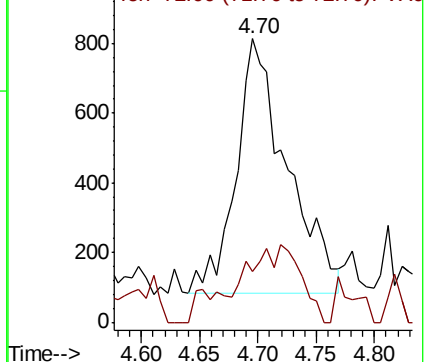
43 100

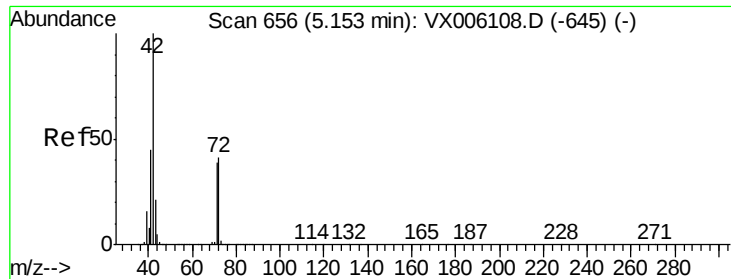
72 32.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

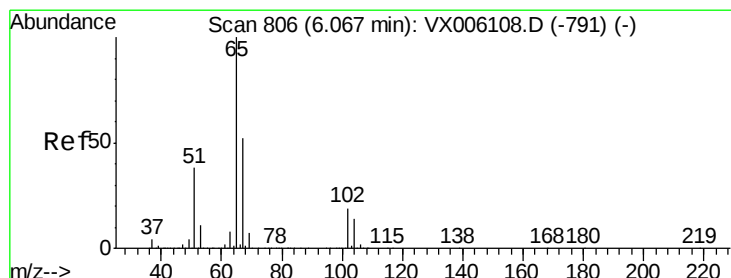
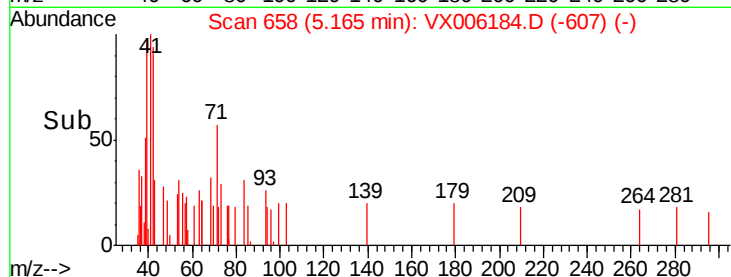
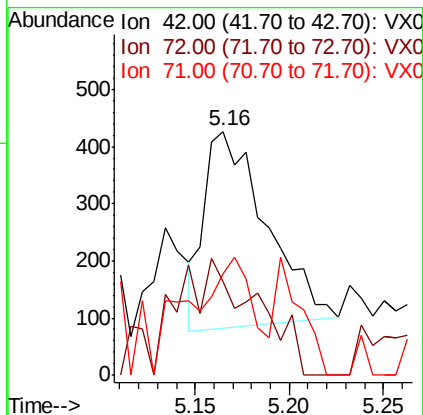
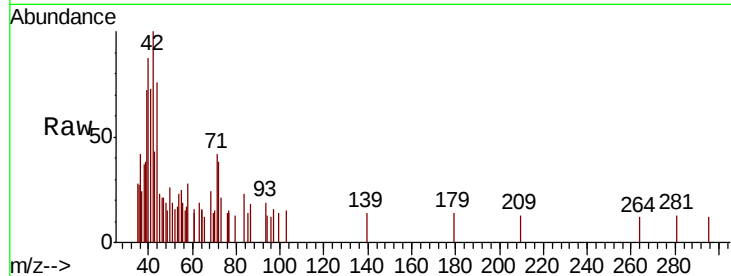




#29
Tetrahydrofuran
Concen: 0.422 ug/l
RT: 5.16 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

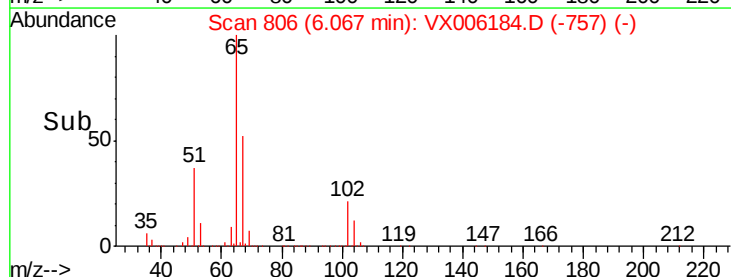
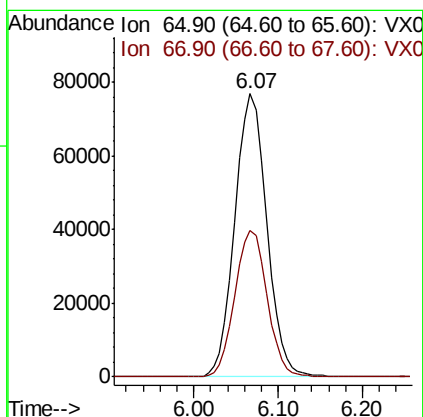
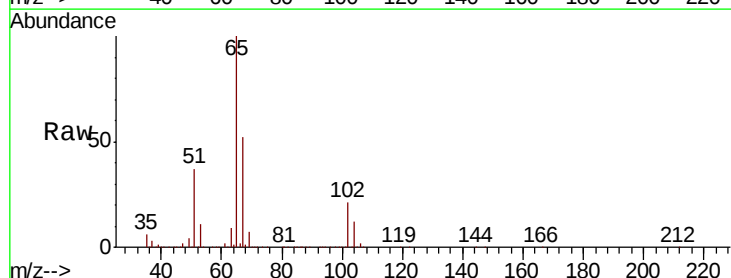
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PB115023ZHE#03

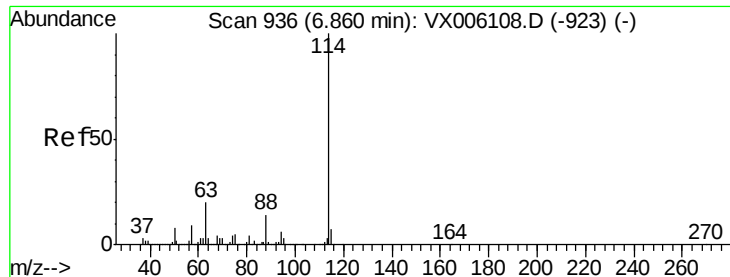
Tot Ion: 42 Resp: 779
Ion Ratio Lower Upper
42 100
72 74.3 33.0 49.6#
71 39.4 31.0 46.4



#33
1,2-Dichloroethane-d4
Concen: 54.894 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006184.D
Acq: 26 Nov 2018 19:11

Tgt Ion: 65 Resp: 197173
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

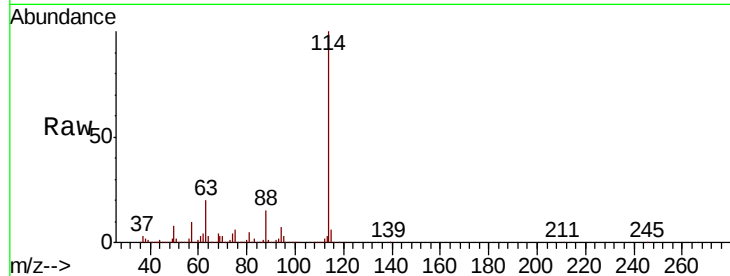
Tot Ion:114 Resp: 466687

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

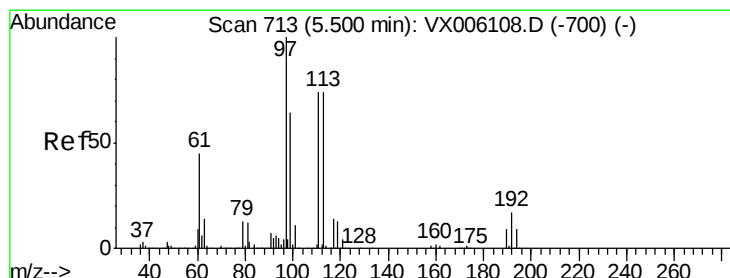
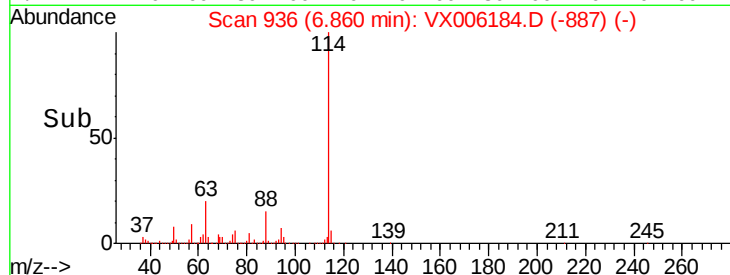
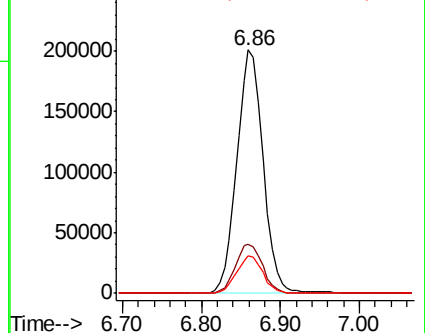
88 15.4 0.0 28.6



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: 53.756 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

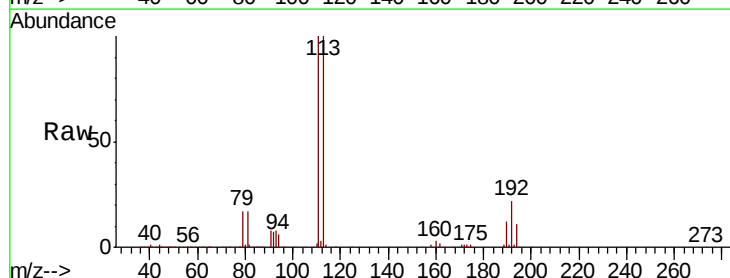
Tgt Ion:113 Resp: 161040

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

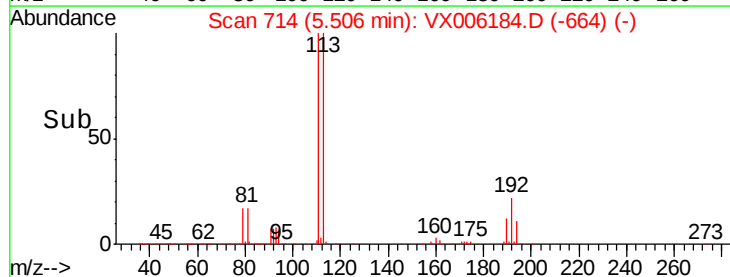
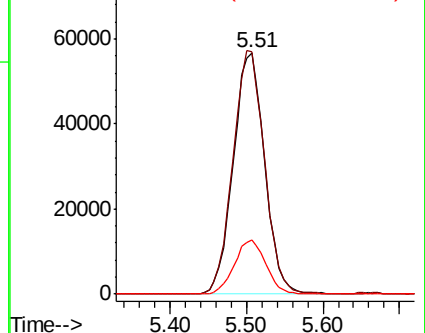
192 22.6 18.6 28.0

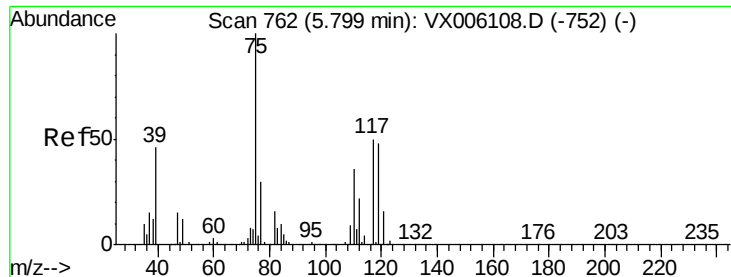


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.271 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

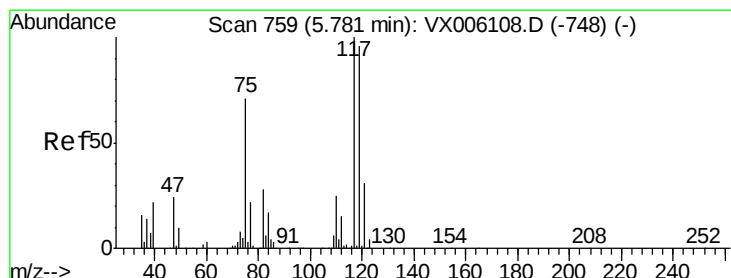
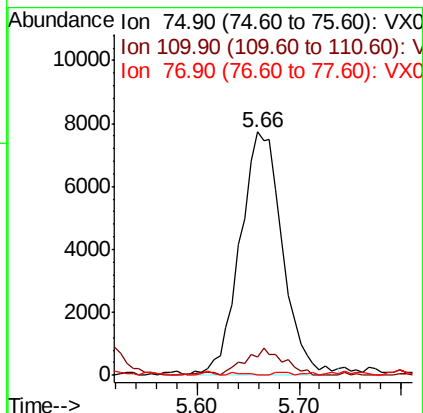
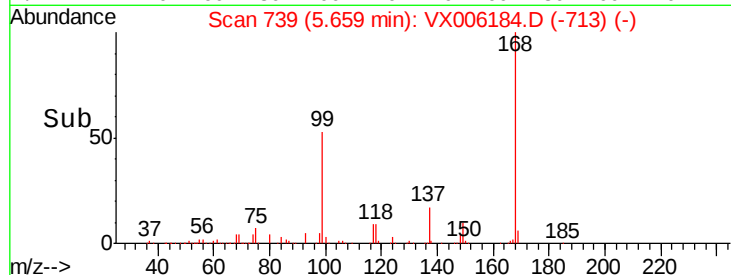
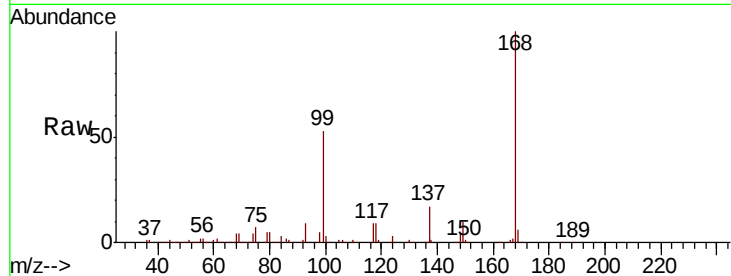
Tot Ion: 75 Resp: 22379

Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.3#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 7.105 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

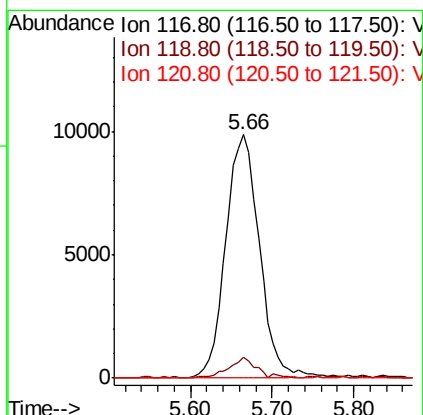
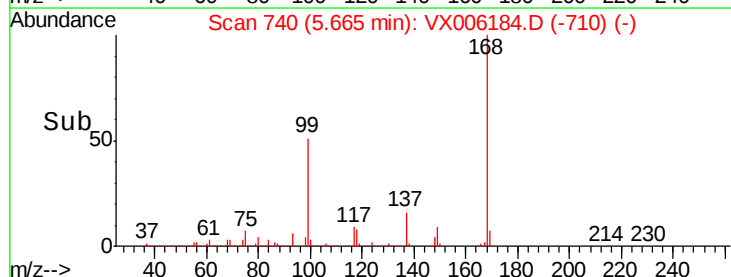
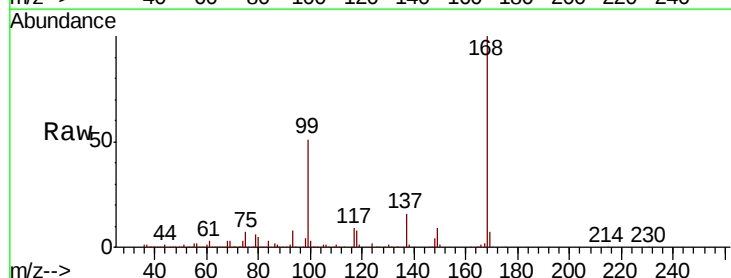
Tgt Ion:117 Resp: 28353

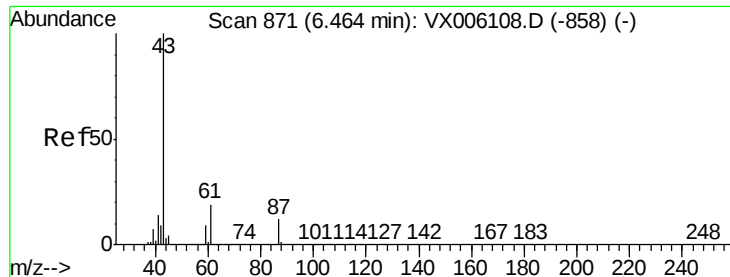
Ion Ratio Lower Upper

117 100

119 8.4 76.3 114.5#

121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 2.518 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

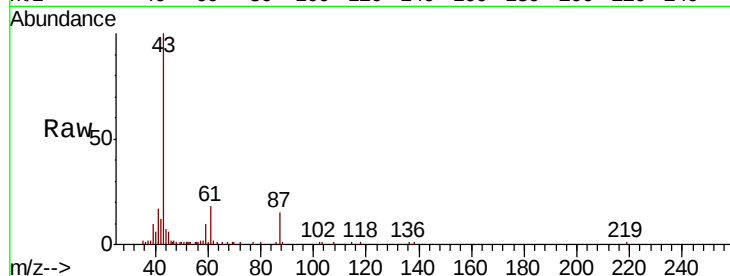
Tot Ion: 43 Resp: 19863

Ion Ratio Lower Upper

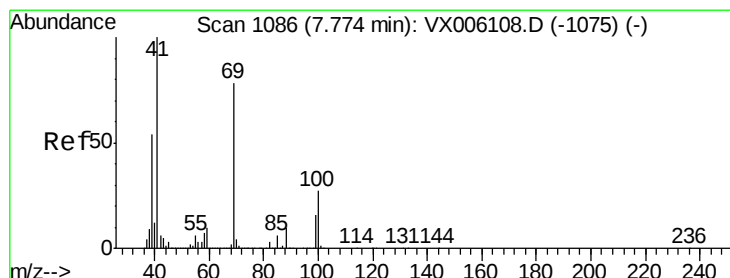
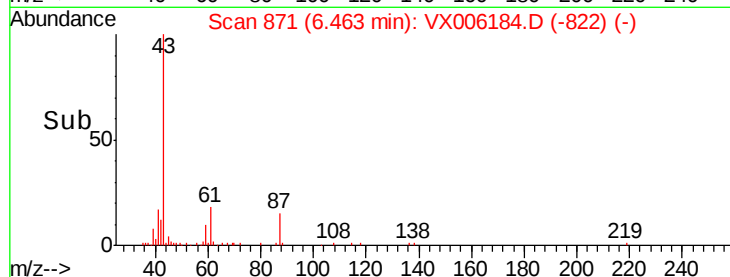
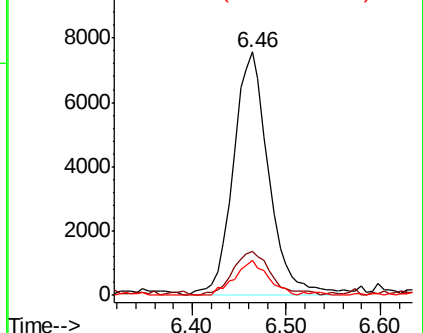
43 100

61 19.5 15.2 22.8

87 13.4 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.599 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.10 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

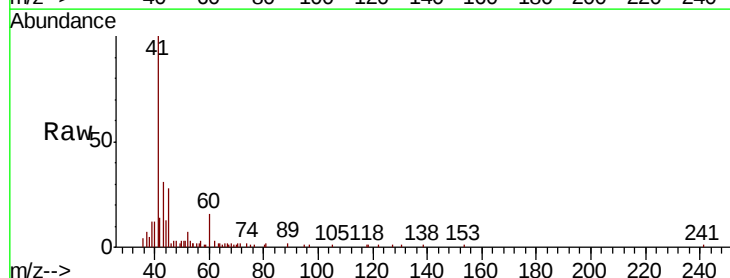
Tgt Ion: 41 Resp: 10397

Ion Ratio Lower Upper

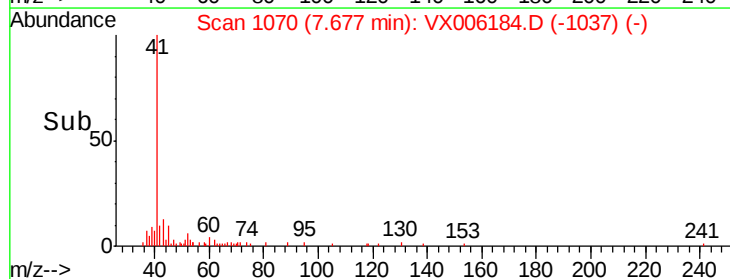
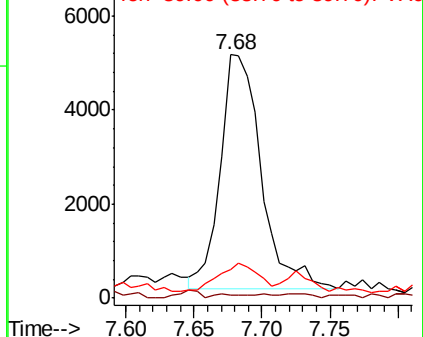
41 100

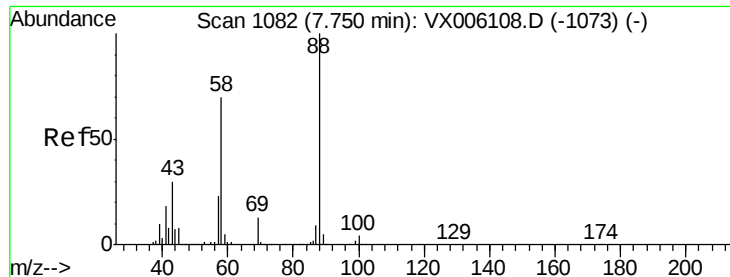
69 1.0 62.8 94.2#

39 0.0 43.8 65.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.790 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

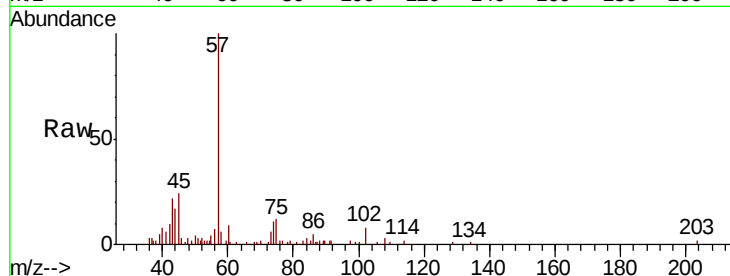
Tot Ion: 88 Resp: 75

Ion Ratio Lower Upper

88 100

43 0.0 26.7 40.1#

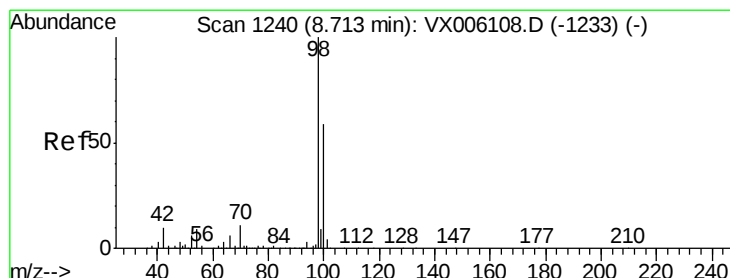
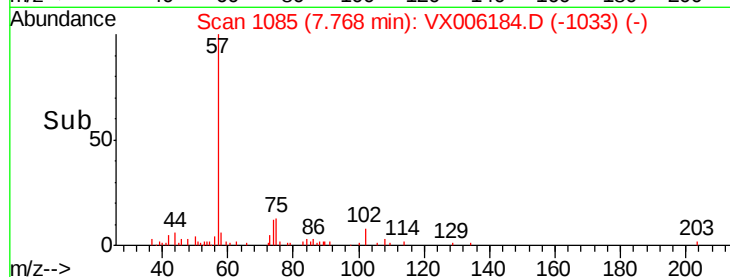
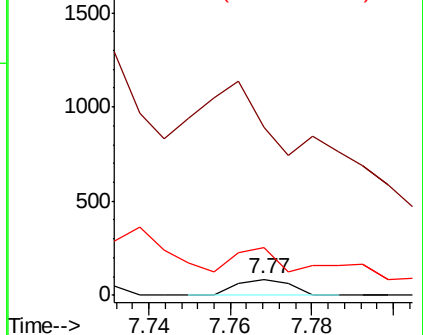
58 353.3 58.5 87.7#



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: 52.924 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006184.D

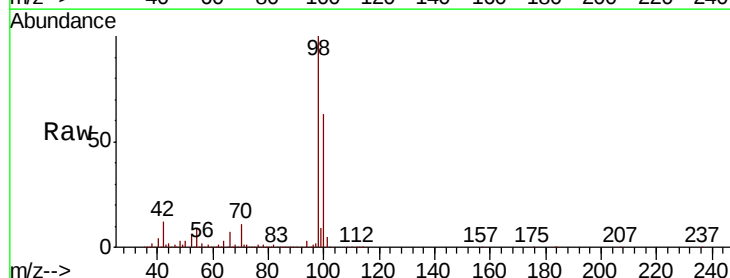
Acq: 26 Nov 2018 19:11

Tgt Ion: 98 Resp: 604727

Ion Ratio Lower Upper

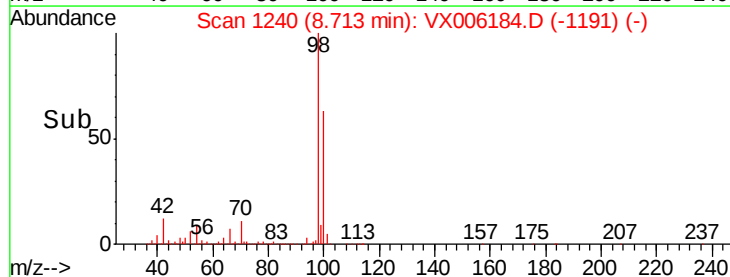
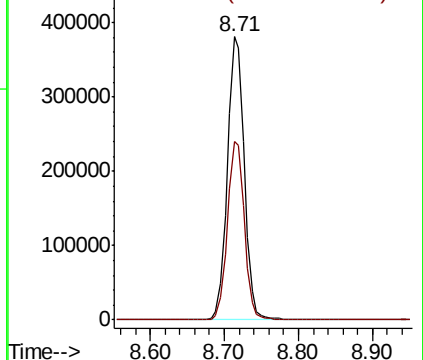
98 100

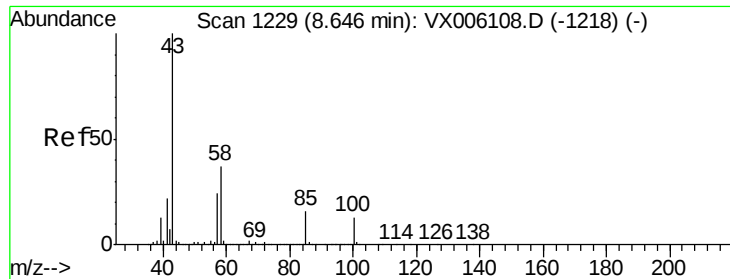
100 63.2 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 16.644 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

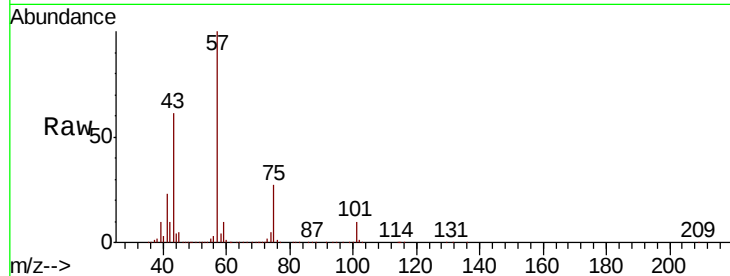
PB115023ZHE#03

Tot Ion: 43 Resp: 94127

Ion Ratio Lower Upper

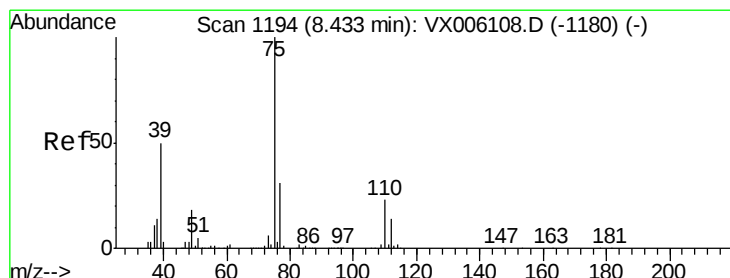
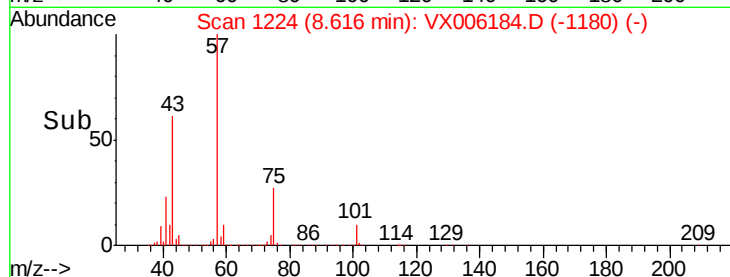
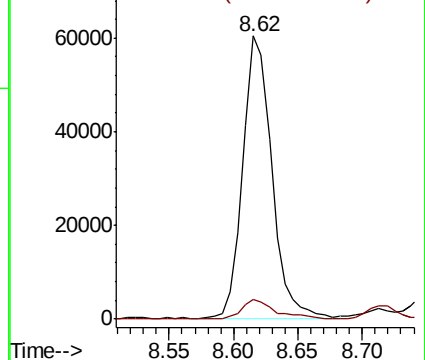
43 100

58 8.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.414 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

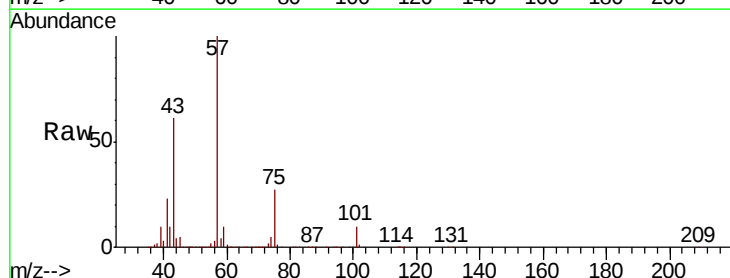
Tgt Ion: 75 Resp: 40699

Ion Ratio Lower Upper

75 100

77 0.5 24.7 37.1#

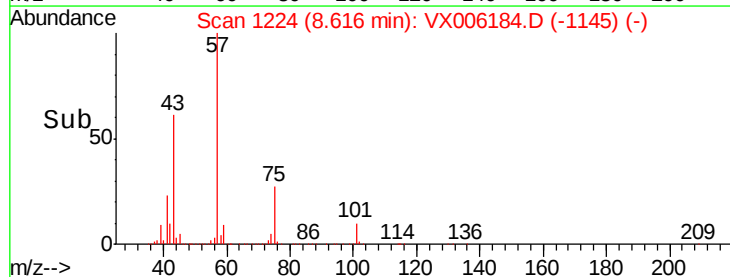
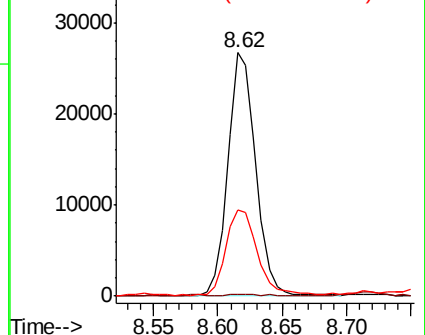
39 34.8 40.3 60.5#

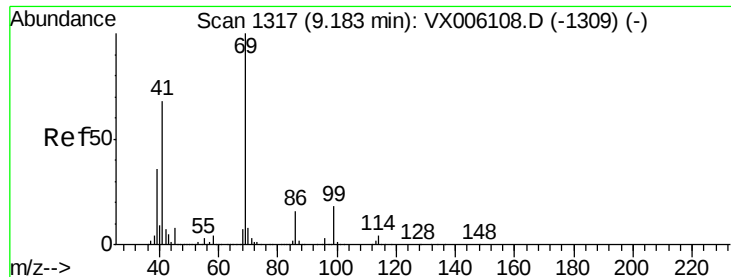


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 2.907 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

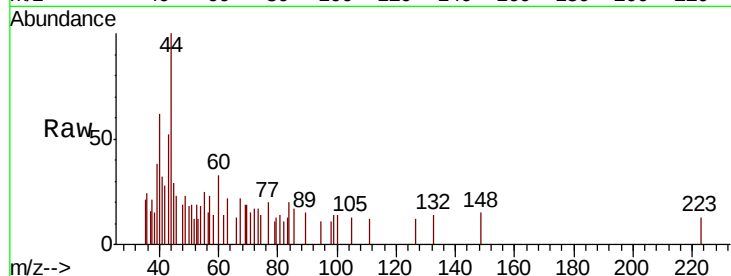
Tot Ion: 69 Resp: 233

Ion Ratio Lower Upper

69 100

41 0.0 56.2 84.4#

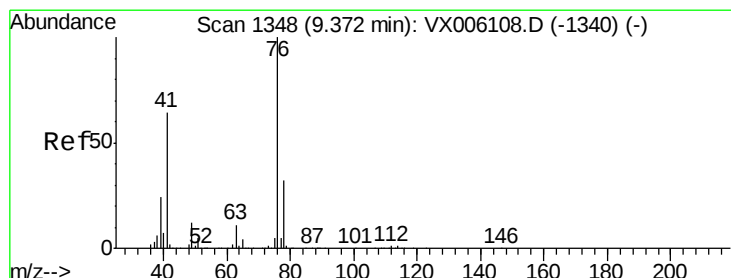
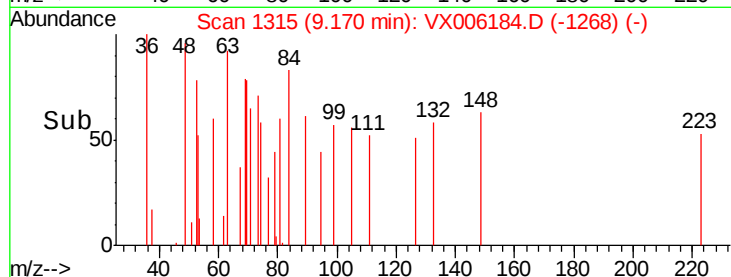
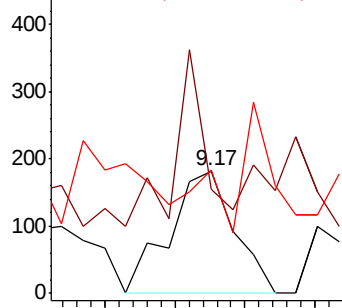
39 0.0 29.4 44.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 2.048 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006184.D

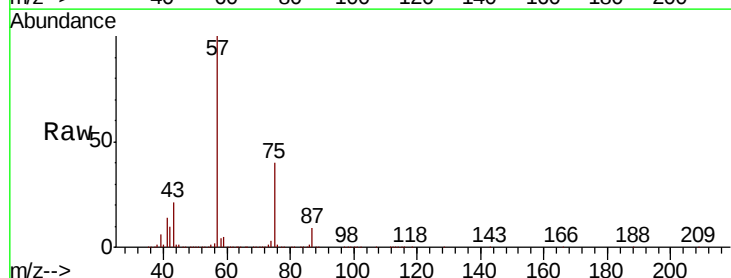
Acq: 26 Nov 2018 19:11

Tgt Ion: 76 Resp: 11314

Ion Ratio Lower Upper

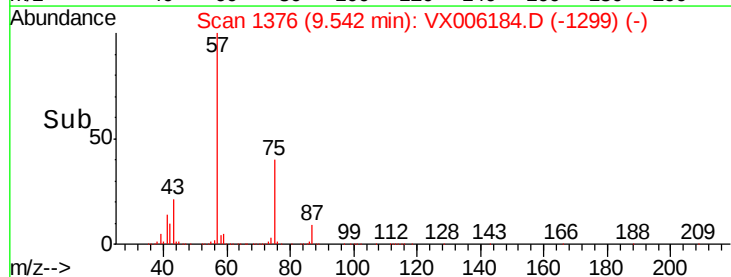
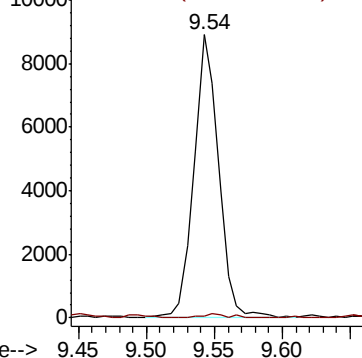
76 100

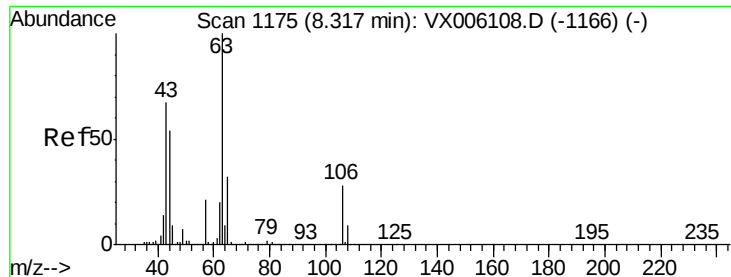
78 1.4 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

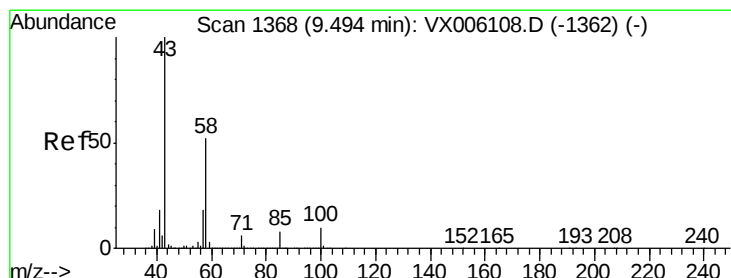
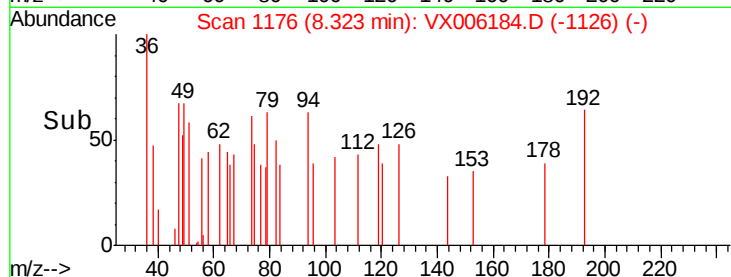
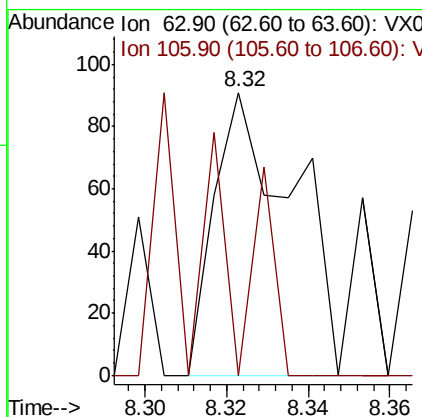
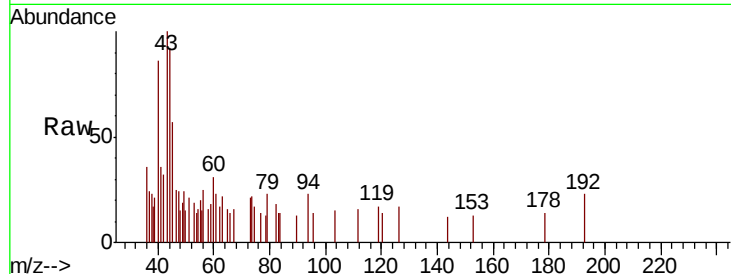




#58
 2-Chloroethyl Vinyl ether
 Concen: 6.762 ug/l
 RT: 8.32 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: VX006184.D
 Acq: 26 Nov 2018 19:11

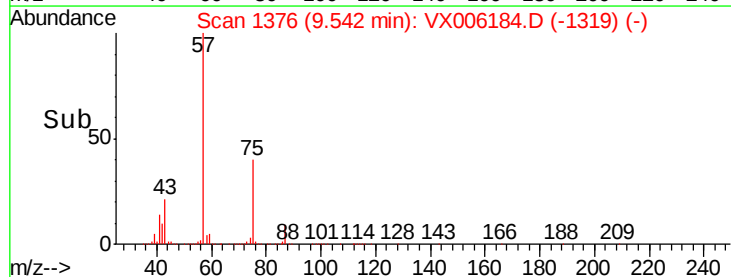
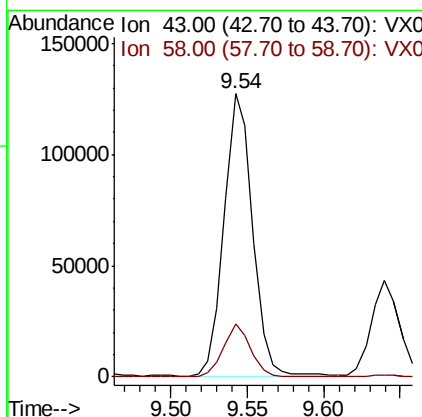
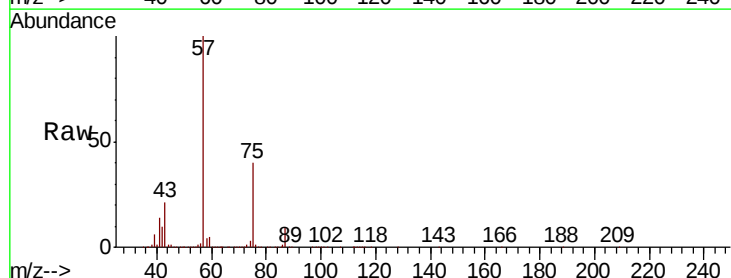
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#03

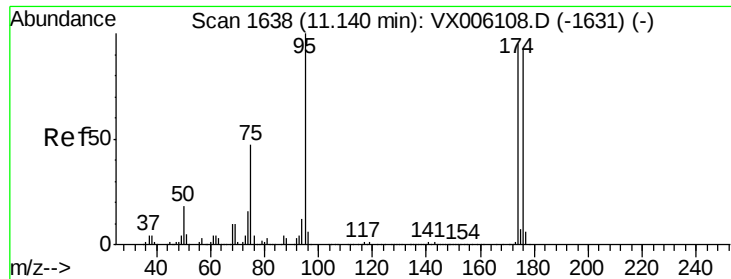
Tot Ion: 63 Resp: 122
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.7 32.5



#59
 2-Hexanone
 Concen: 36.671 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX006184.D
 Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 164582
 Ion Ratio Lower Upper
 43 100
 58 18.5 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 46.078 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

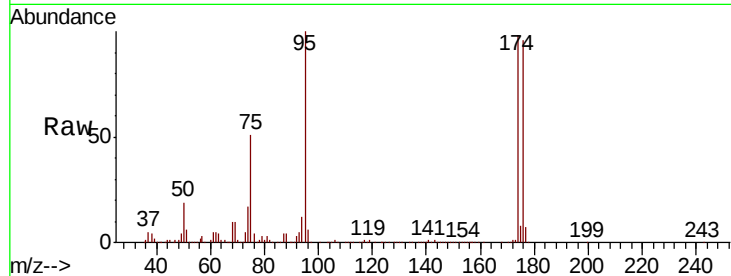
Tot Ion: 95 Resp: 197545

Ion Ratio Lower Upper

95 100

174 93.1 0.0 184.4

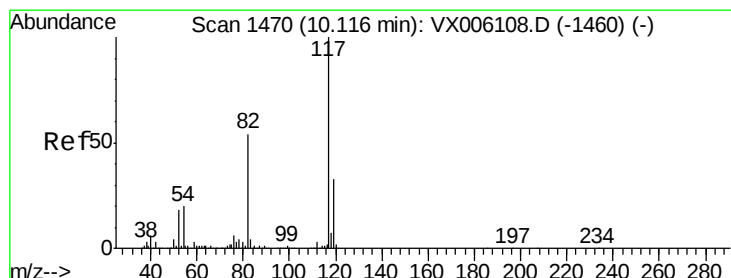
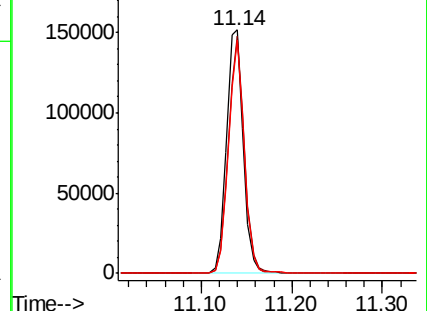
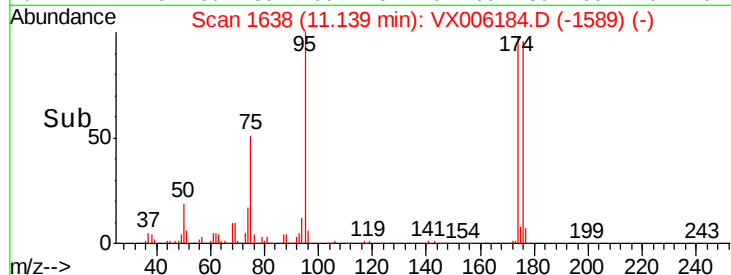
176 90.5 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX006184.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006184.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006184.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

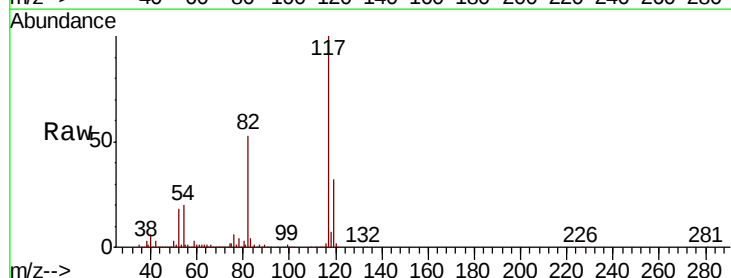
Tgt Ion: 117 Resp: 461244

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.4

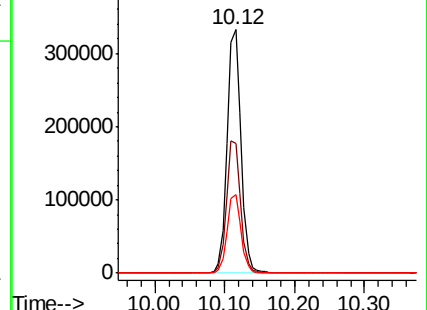
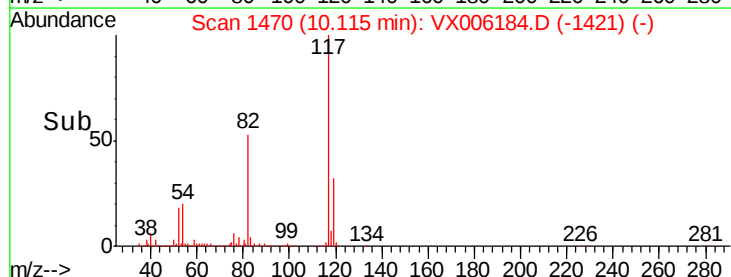
119 32.3 26.1 39.1

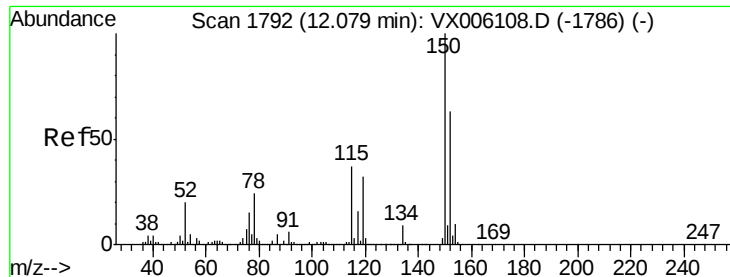


Abundance Ion 116.90 (116.60 to 117.60): VX006184.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006184.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006184.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

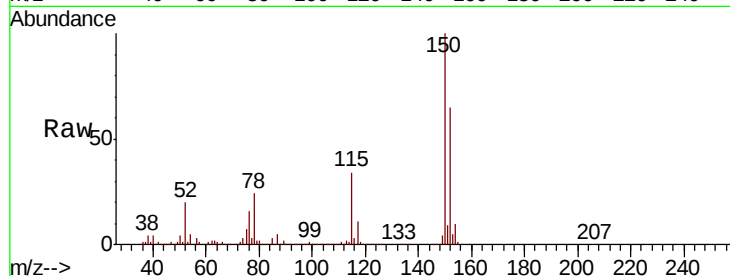
Tot Ion:152 Resp: 210688

Ion Ratio Lower Upper

152 100

115 55.0 39.0 116.9

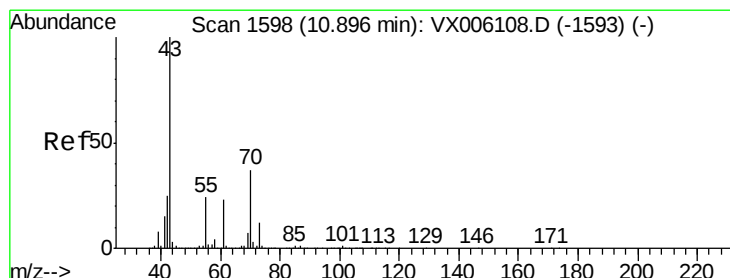
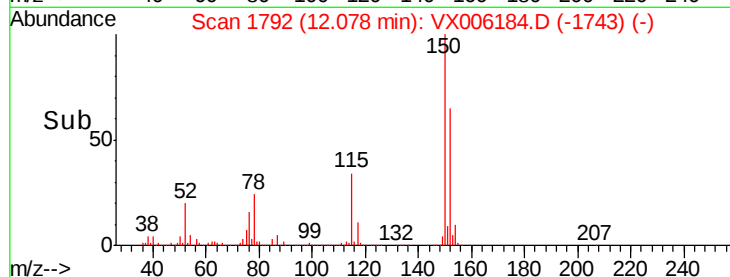
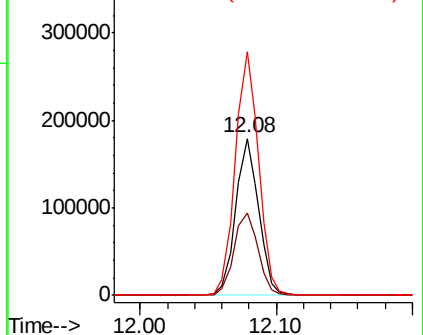
150 157.1 0.0 346.6



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: 4.301 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Tgt Ion: 43 Resp: 14327

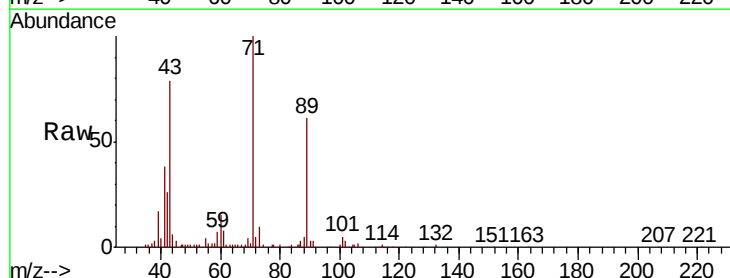
Ion Ratio Lower Upper

43 100

70 4.7 31.8 47.6#

55 10.4 19.5 29.3#

61 11.4 18.6 27.8#

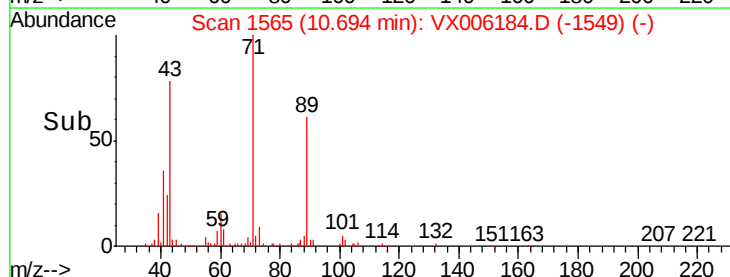
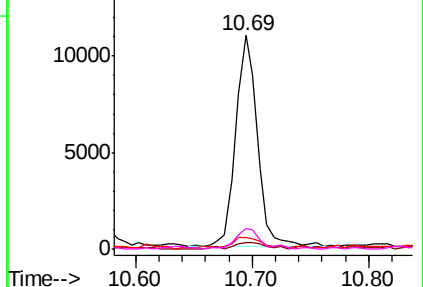


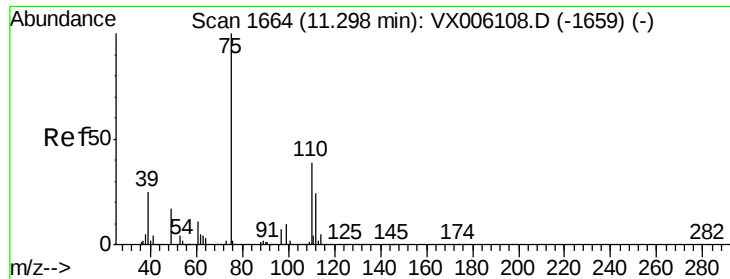
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

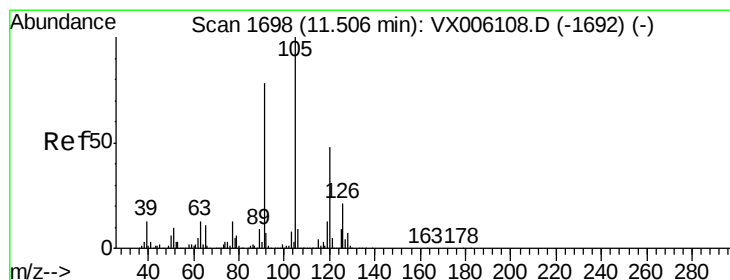
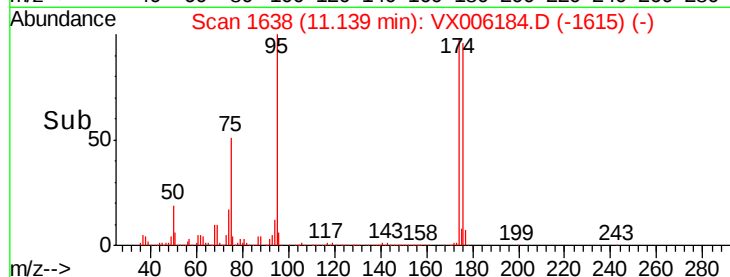
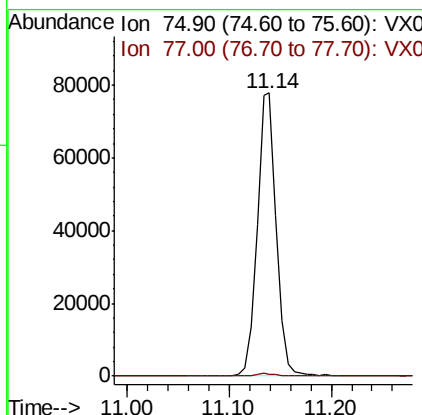
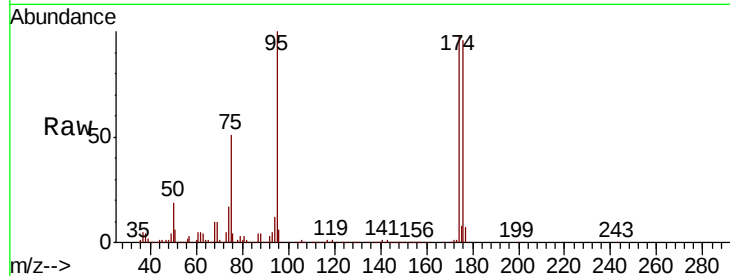




#76
 1,2,3-Trichloropropane
 Concen: 23.549 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006184.D
 Acq: 26 Nov 2018 19:11

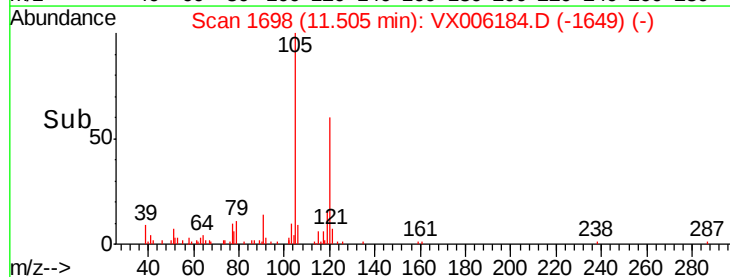
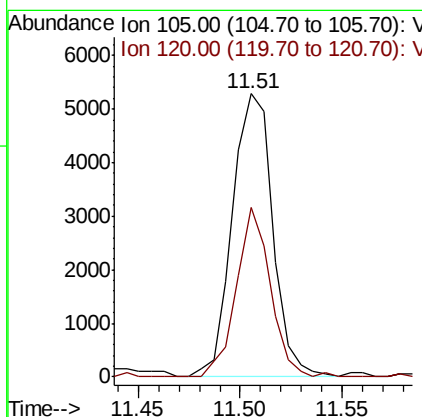
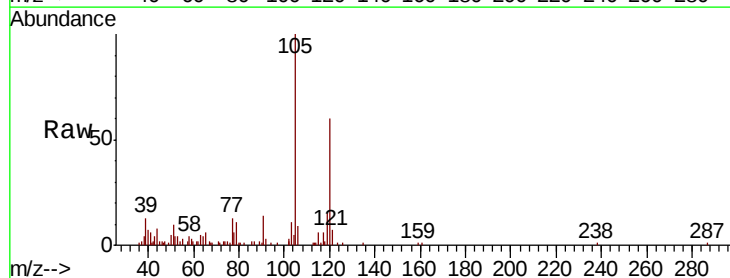
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#03

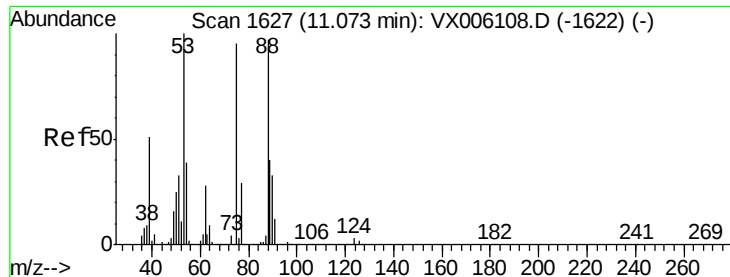
Tot Ion: 75 Resp: 102148
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.6 58.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.675 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006184.D
 Acq: 26 Nov 2018 19:11

Tgt Ion: 105 Resp: 7250
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 79.649 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#03

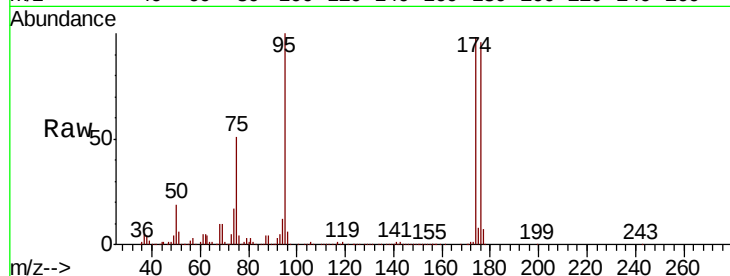
Tot Ion: 75 Resp: 102148

Ion Ratio Lower Upper

75 100

53 0.1 85.3 127.9#

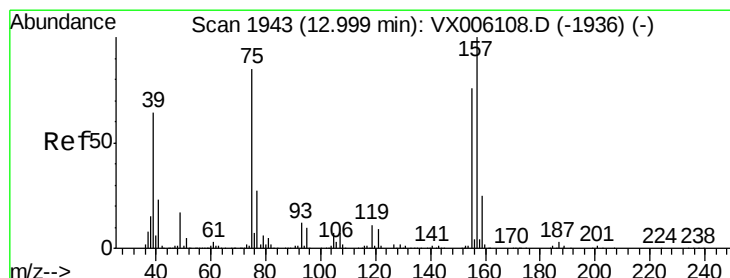
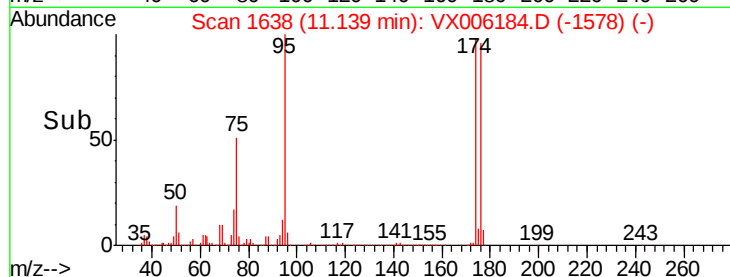
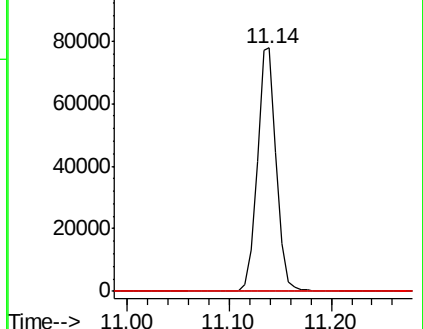
89 0.0 37.2 55.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.236 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX006184.D

Acq: 26 Nov 2018 19:11

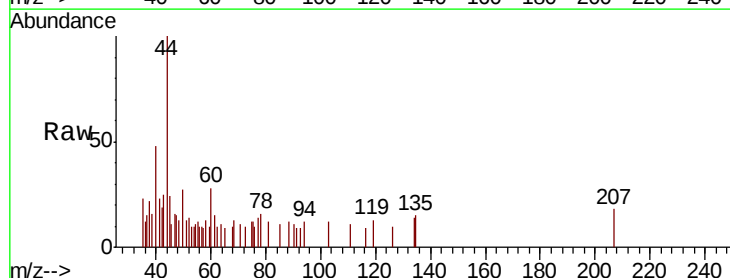
Tgt Ion: 75 Resp: 263

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

157 0.0 59.8 179.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

