

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX080718\
 Data File : VX003908.D
 Acq On : 08 Aug 2018 04:58
 Operator : JC/MD
 Sample : PB111813ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB111813ZHE#04

Quant Time: Aug 08 08:13:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	499767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	487003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248479	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	219048	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	5.51	113	185303	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.72	98	718165	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	246822	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	

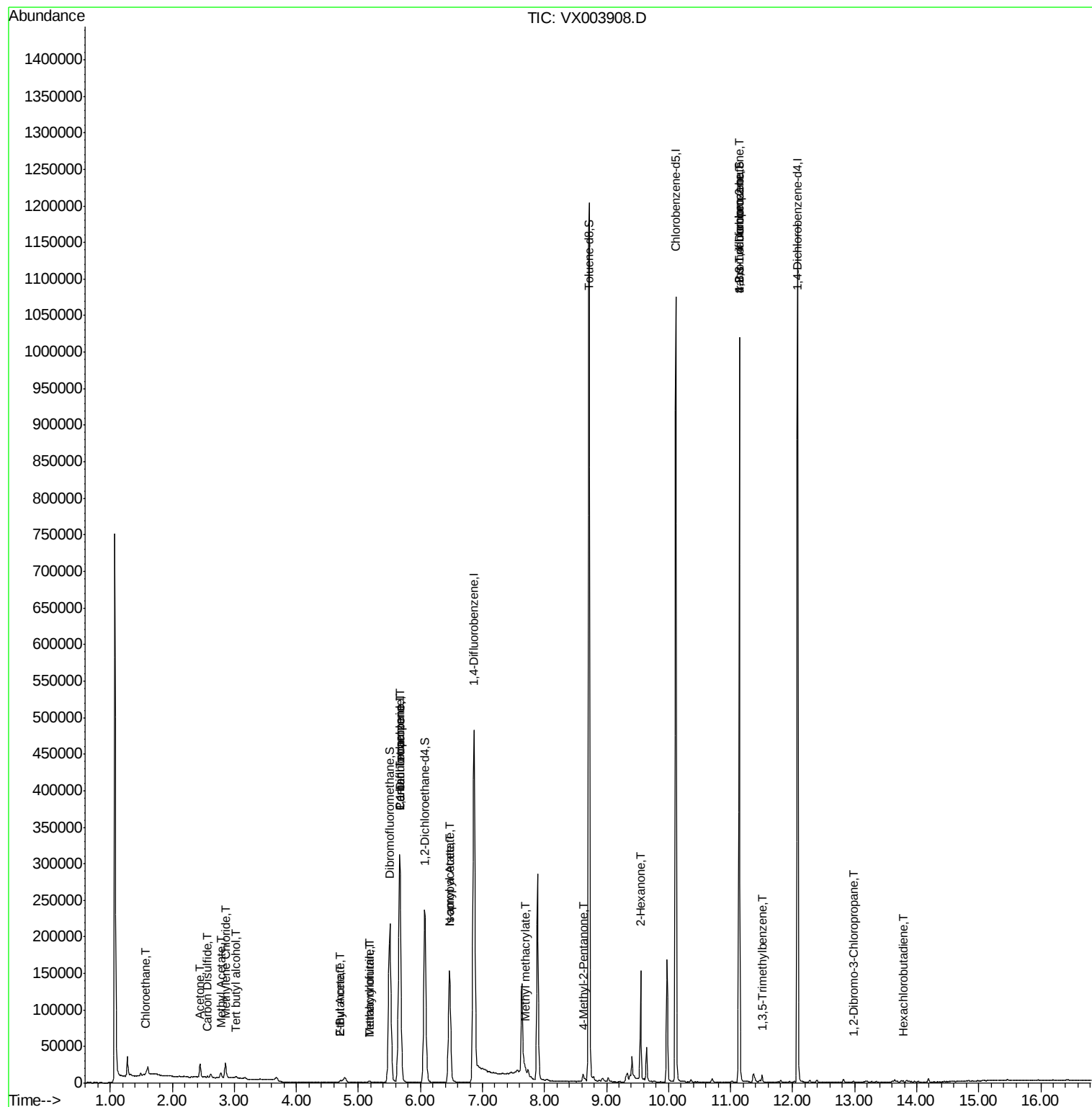
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	696	Below Cal		86
6) Chloroethane	1.56	64	4165	1.51 ug/l	#	57
11) Tert butyl alcohol	3.02	59	1403	1.40 ug/l	#	90
13) Acrolein	2.30	56	175	Below Cal	#	1
16) Acetone	2.45	43	18639	7.54 ug/l		98
17) Carbon Disulfide	2.56	76	1473	0.59 ug/l	#	89
18) Methyl Acetate	2.78	43	7681	1.43 ug/l		93
20) Methylene Chloride	2.85	84	9047	0.51 ug/l		98
25) 2-Butanone	4.71	43	4789	1.29 ug/l	#	88
29) Tetrahydrofuran	5.17	42	1612	0.84 ug/l	#	87
36) 1,1-Dichloropropene	5.67	75	21112	3.77 ug/l	#	49
37) Ethyl Acetate	4.71	43	4789	0.78 ug/l	#	69
38) Carbon Tetrachloride	5.67	117	27451	5.15 ug/l	#	16
41) Methacrylonitrile	5.17	41	1154	0.34 ug/l	#	48
43) Isopropyl Acetate	6.47	43	199517	21.53 ug/l		99
48) Methyl methacrylate	7.69	41	9349	1.98 ug/l	#	20
51) 4-Methyl-2-Pentanone	8.63	43	4364	0.57 ug/l	#	34
59) 2-Hexanone	9.55	43	16462	2.87 ug/l	#	53
74) N-amyl acetate	6.47	43	199517	20.87 ug/l	#	99
76) 1,2,3-Trichloropropane	11.14	75	119936	21.85 ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.51	105	3846	0.26 ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	119936	59.03 ug/l	#	9
88) 1,4-Dichlorobenzene	12.02	146	564	Below Cal		91
92) 1,2-Dibromo-3-Chloropropan	12.98	75	325	0.25 ug/l	#	1
94) Hexachlorobutadiene	13.78	225	254	0.52 ug/l		94

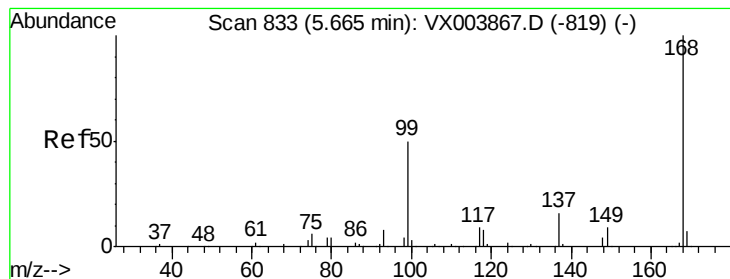
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 08 08:13:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

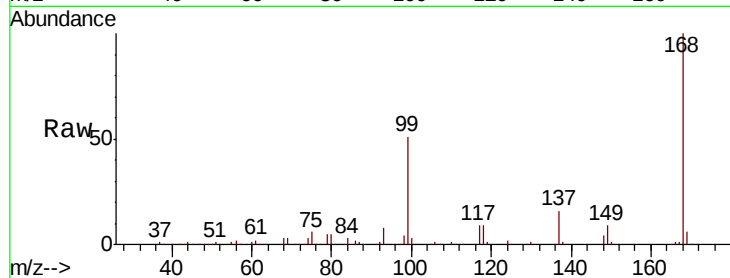
PB111813ZHE#04

Tot Ion:168 Resp: 313601

Ion Ratio Lower Upper

168 100

99 51.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

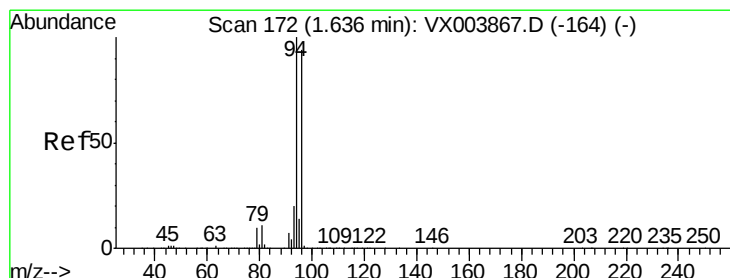
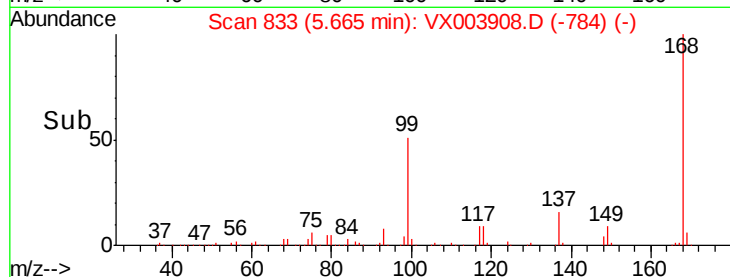
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003908.D

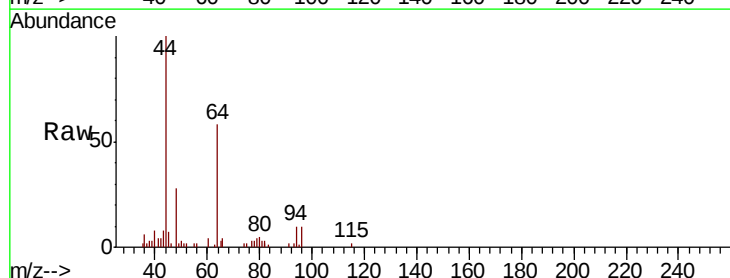
Acq: 08 Aug 2018 04:58

Tgt Ion: 94 Resp: 696

Ion Ratio Lower Upper

94 100

96 107.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

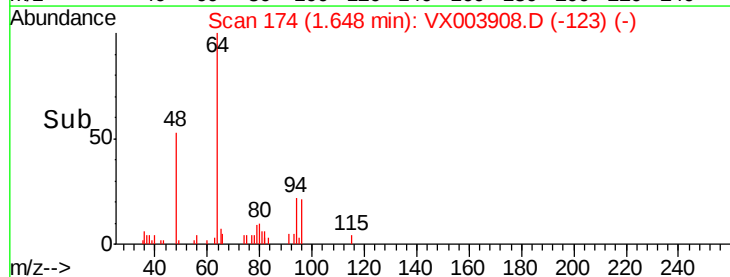
300

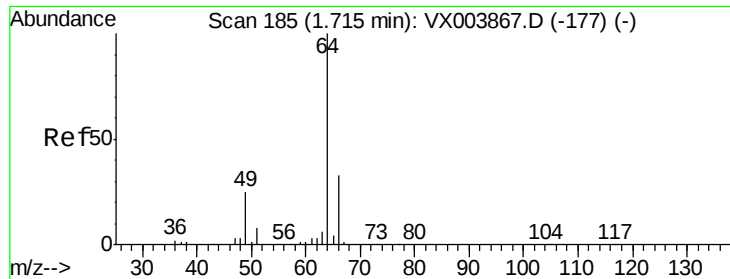
200

100

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 1.51 ug/l

RT: 1.56 min Scan# 160

Delta R.T. -0.15 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

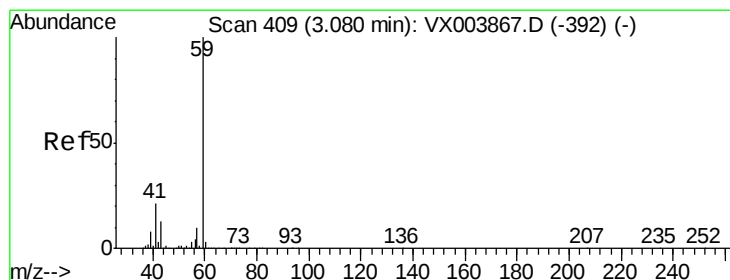
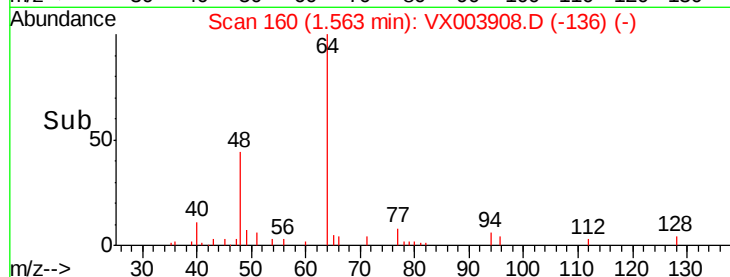
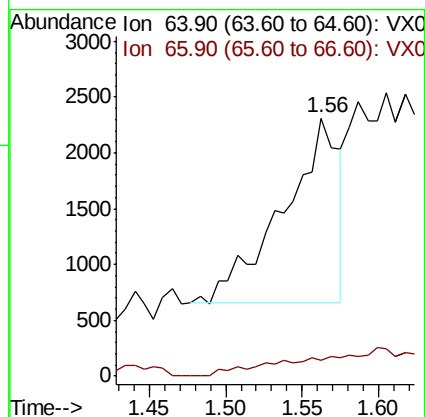
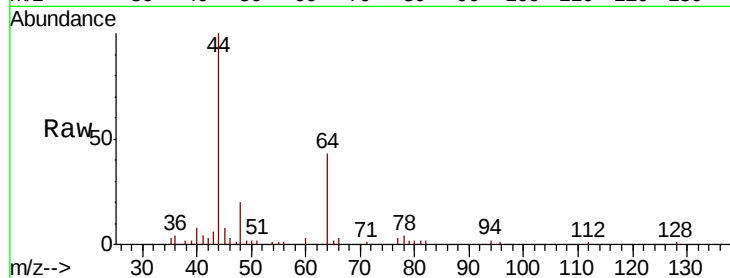
PB111813ZHE#04

Tot Ion: 64 Resp: 4165

Ion Ratio Lower Upper

64 100

66 8.6 26.5 39.7#



#11

Tert butyl alcohol

Concen: 1.40 ug/l

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX003908.D

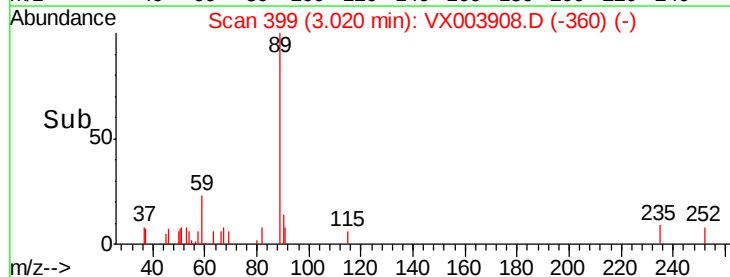
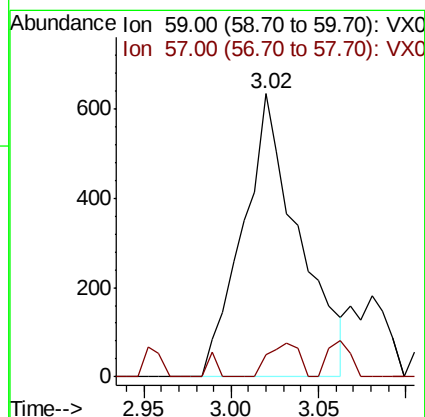
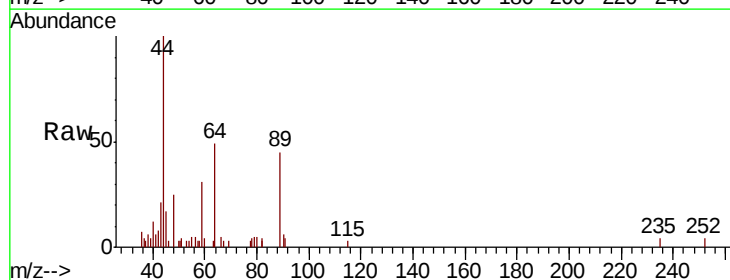
Acq: 08 Aug 2018 04:58

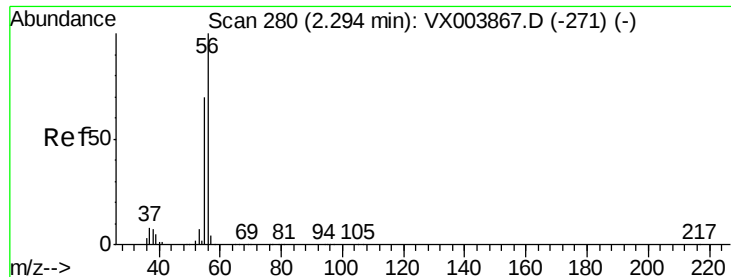
Tgt Ion: 59 Resp: 1403

Ion Ratio Lower Upper

59 100

57 6.6 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

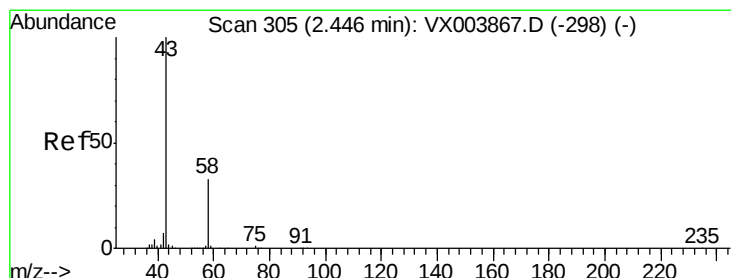
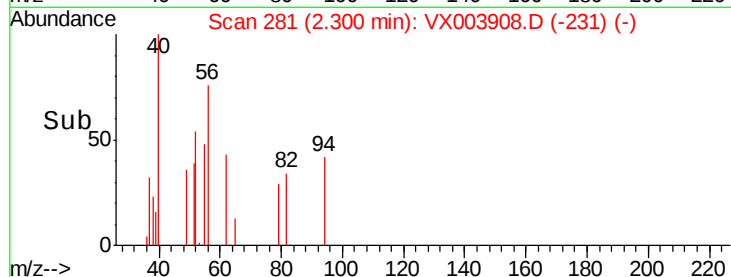
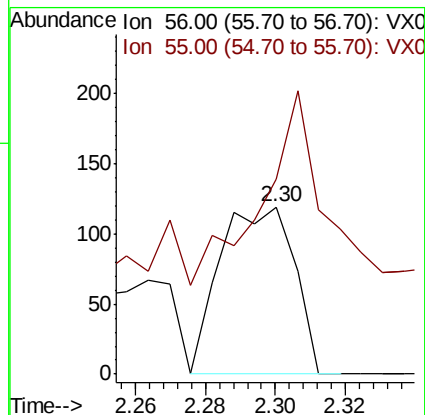
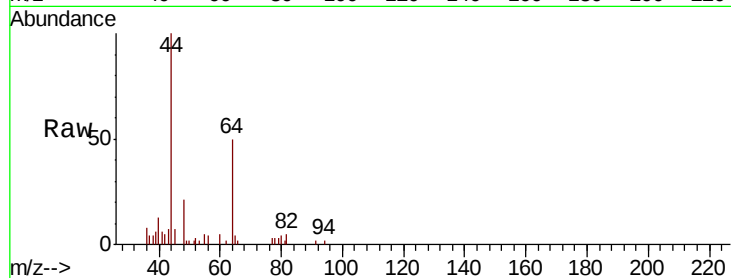
PB111813ZHE#04

Tot Ion: 56 Resp: 175

Ion Ratio Lower Upper

56 100

55 205.1 56.1 84.1#



#16

Acetone

Concen: 7.54 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003908.D

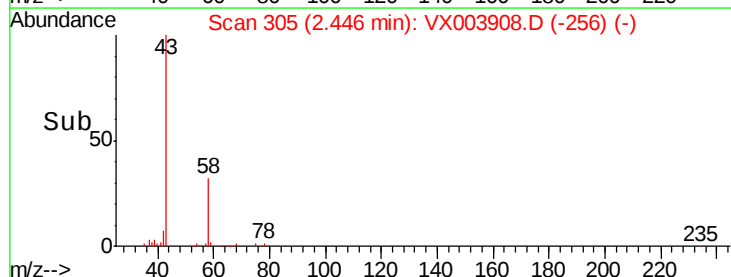
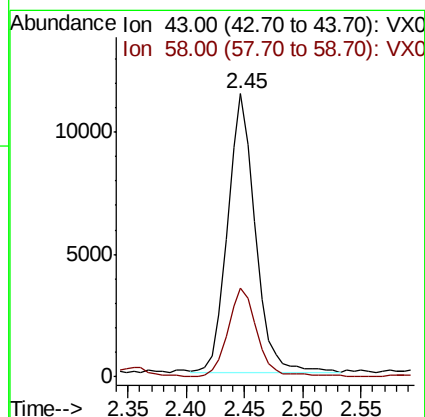
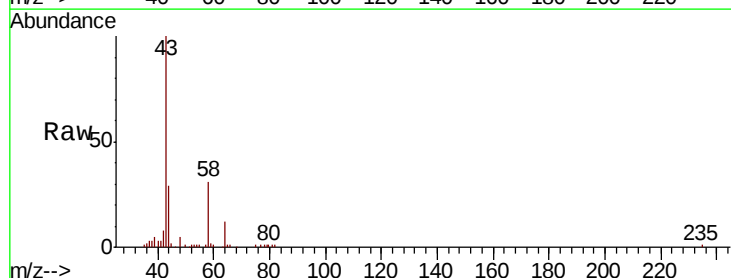
Acq: 08 Aug 2018 04:58

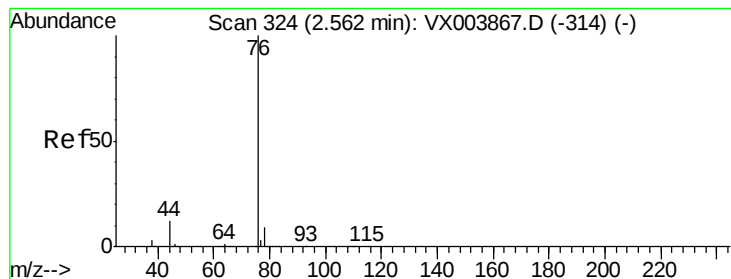
Tgt Ion: 43 Resp: 18639

Ion Ratio Lower Upper

43 100

58 32.0 26.4 39.6





#17

Carbon Disulfide

Concen: 0.59 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

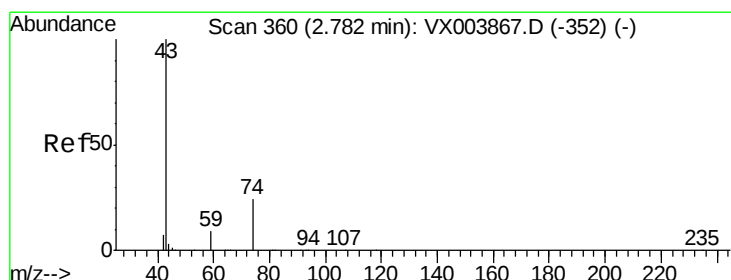
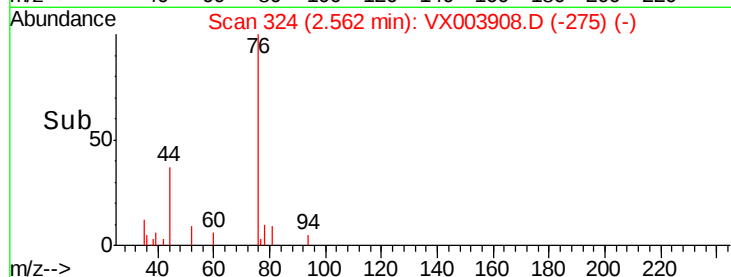
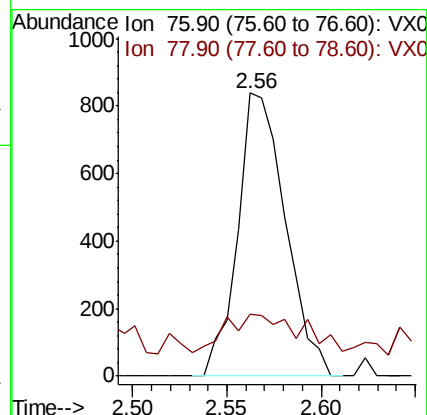
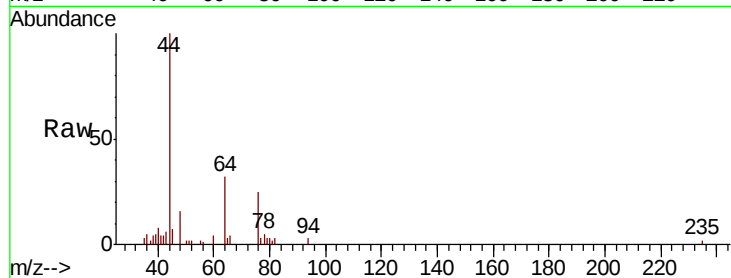
PB111813ZHE#04

Tot Ion: 76 Resp: 1473

Ion Ratio Lower Upper

76 100

78 13.4 7.5 11.3#



#18

Methyl Acetate

Concen: 1.43 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003908.D

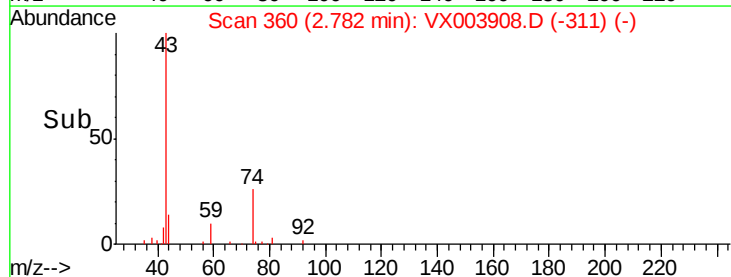
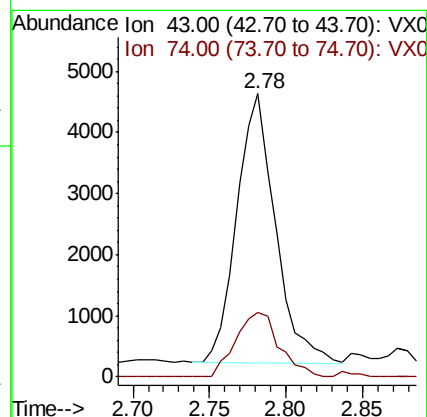
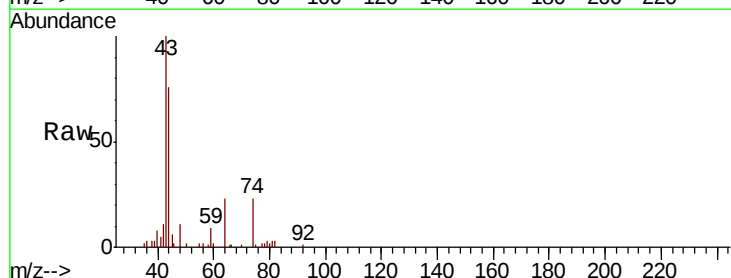
Acq: 08 Aug 2018 04:58

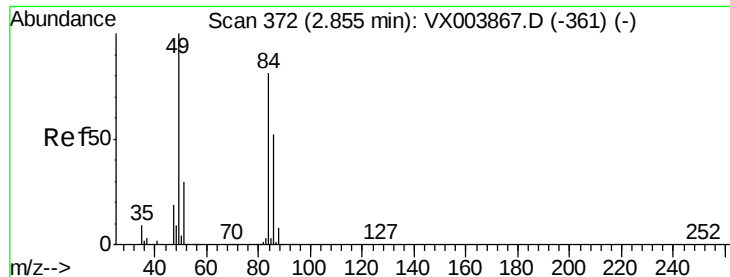
Tgt Ion: 43 Resp: 7681

Ion Ratio Lower Upper

43 100

74 27.0 18.9 28.3

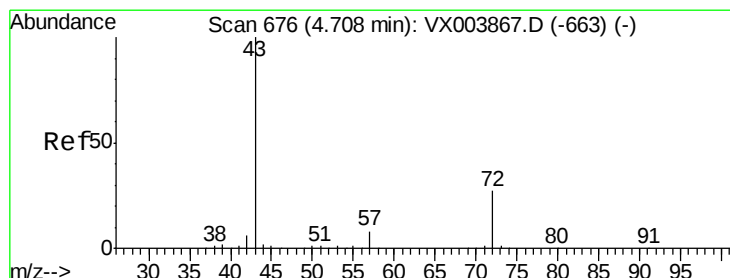
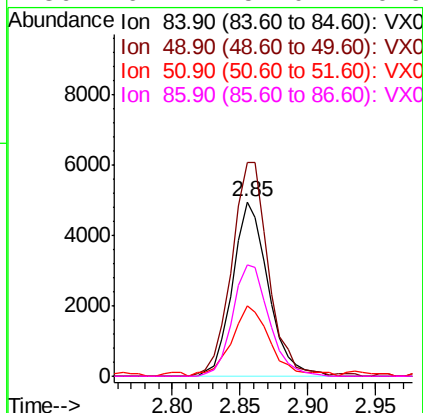
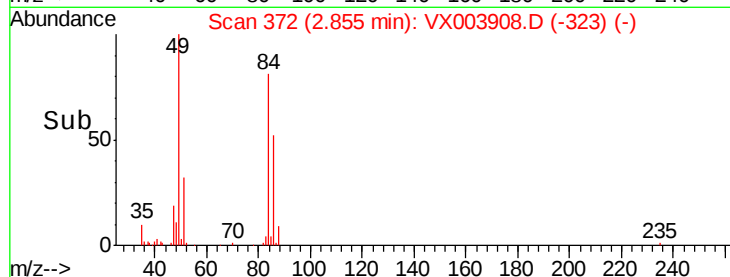
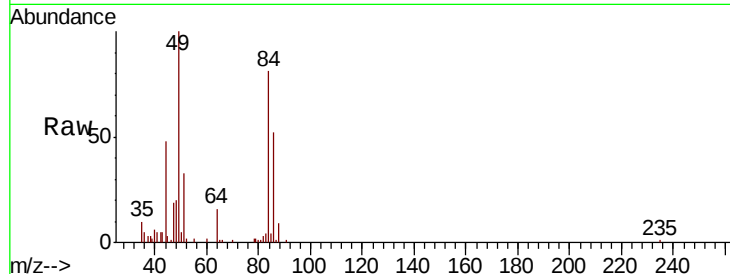




#20
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003908.D
Acq: 08 Aug 2018 04:58

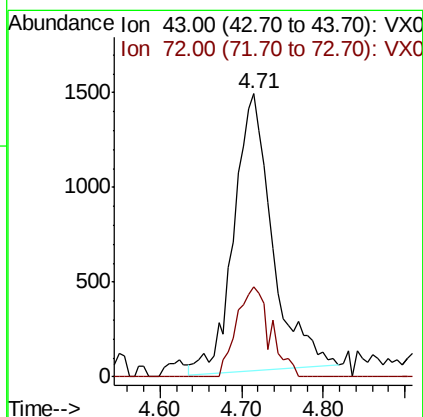
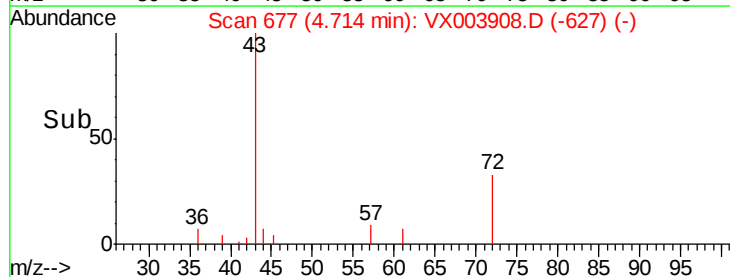
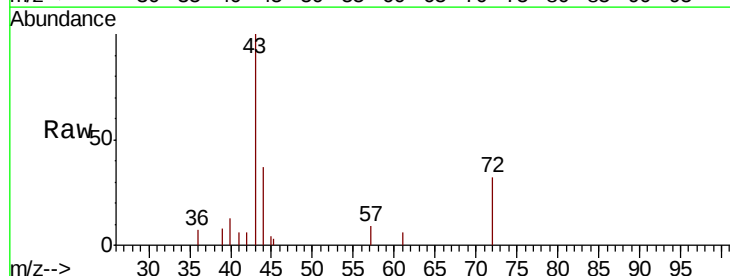
Instrument :
MSVOA_X
ClientSampleId :
PB111813ZHE#04

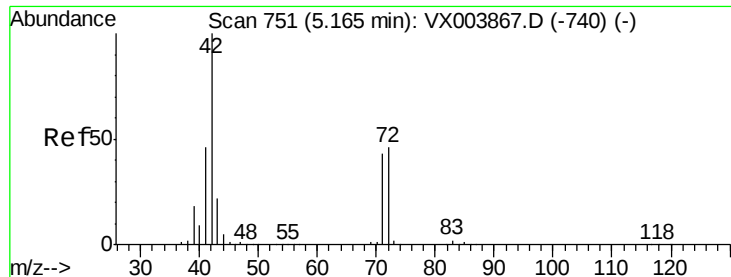
Tot Ion:	84	Resp:	9047
Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.9	148.3
51	40.7	29.9	44.9
86	64.2	51.0	76.6



#25
2-Butanone
Concen: 1.29 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003908.D
Acq: 08 Aug 2018 04:58

Tgt Ion:	43	Resp:	4789
Ion	Ratio	Lower	Upper
43	100		
72	33.0	21.4	32.0#





#29

Tetrahydrofuran

Concen: 0.84 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

PB111813ZHE#04

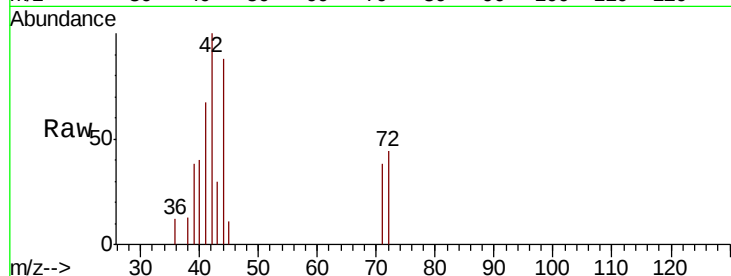
Tot Ion: 42 Resp: 1612

Ion Ratio Lower Upper

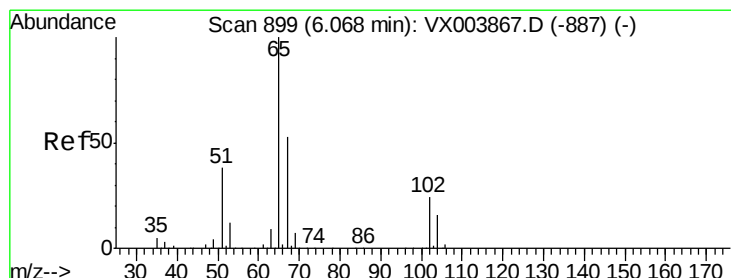
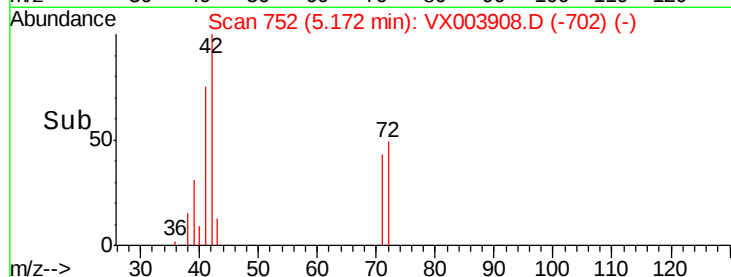
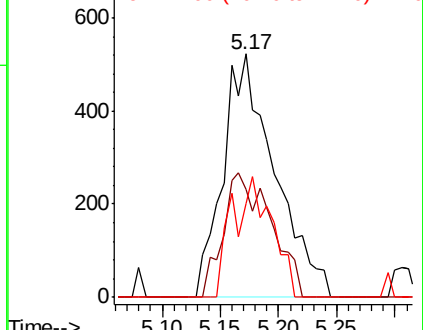
42 100

72 47.3 37.7 56.5

71 26.5 35.0 52.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.69 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003908.D

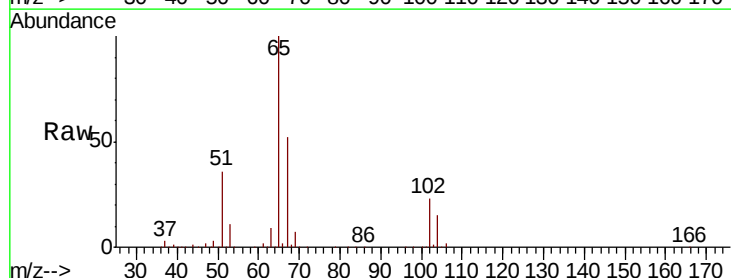
Acq: 08 Aug 2018 04:58

Tgt Ion: 65 Resp: 219048

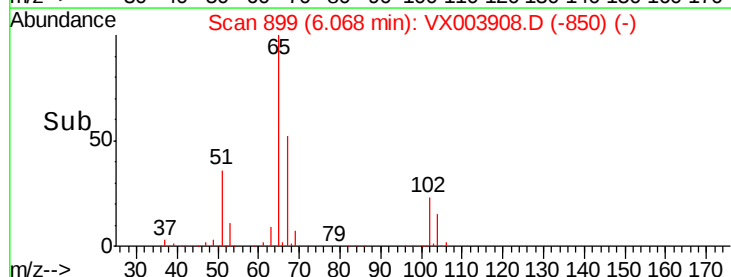
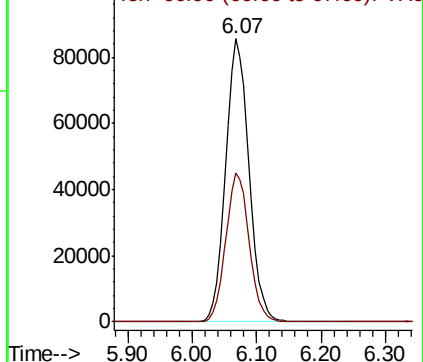
Ion Ratio Lower Upper

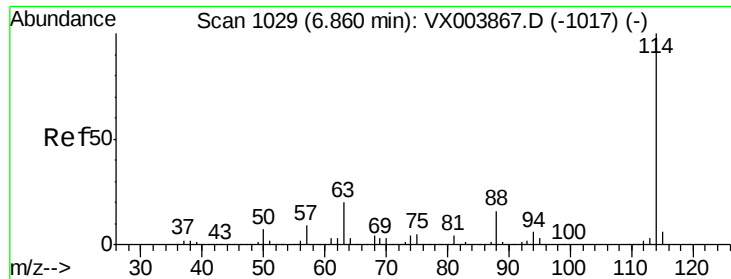
65 100

67 52.8 0.0 105.8



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

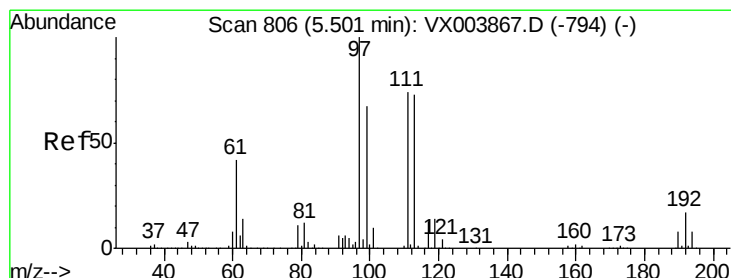
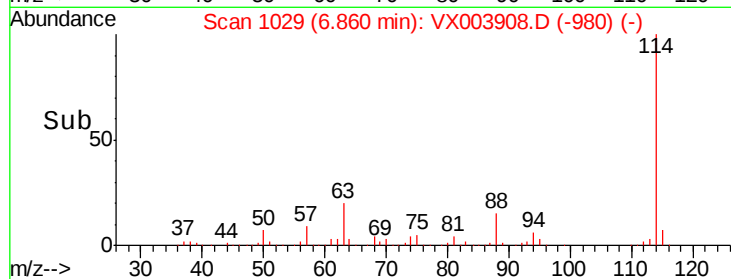
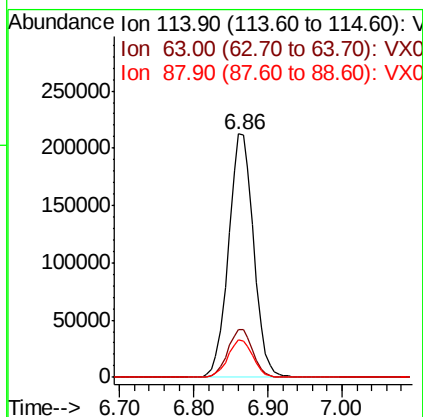
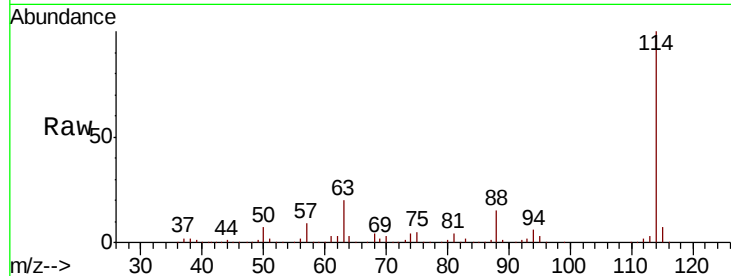




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

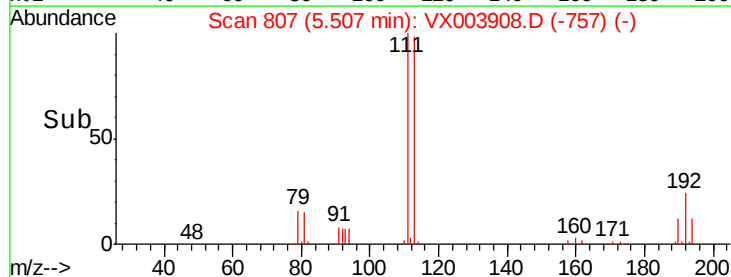
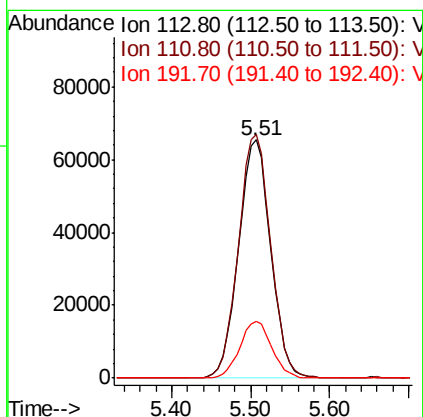
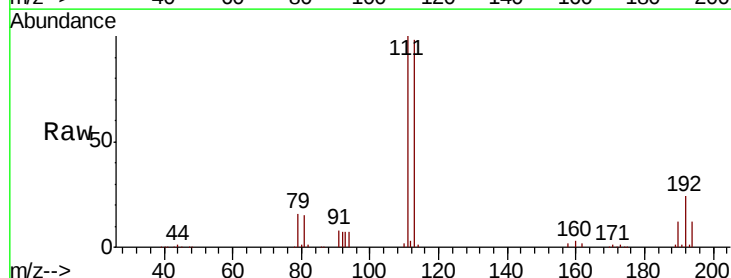
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111813ZHE#04

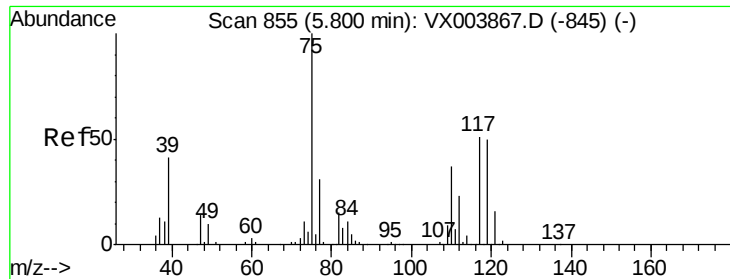
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.3	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.9	19.0	28.4

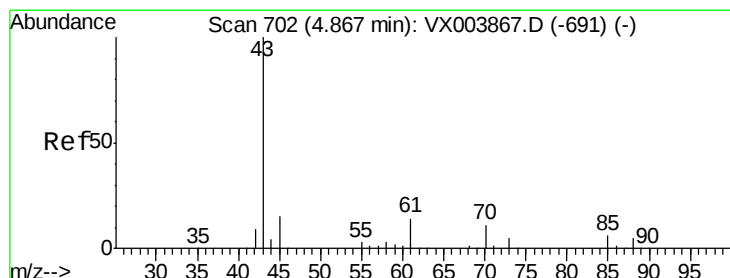
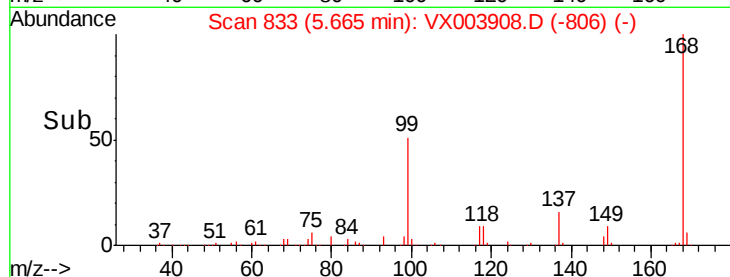
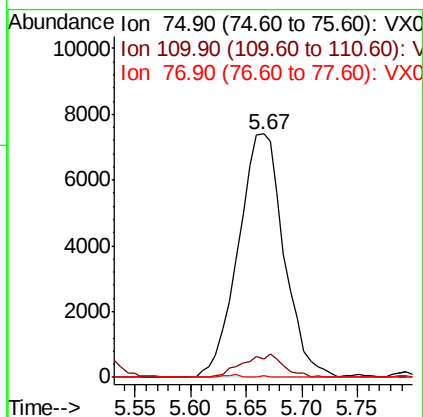
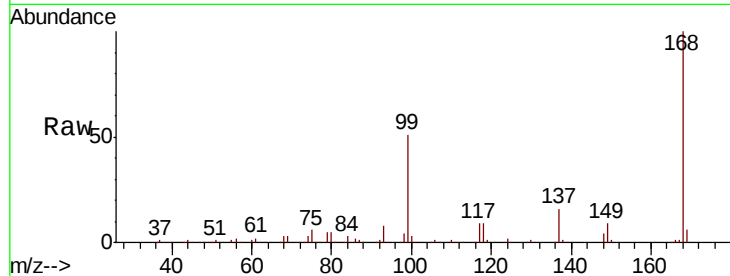




#36
 1,1-Dichloropropene
 Concen: 3.77 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

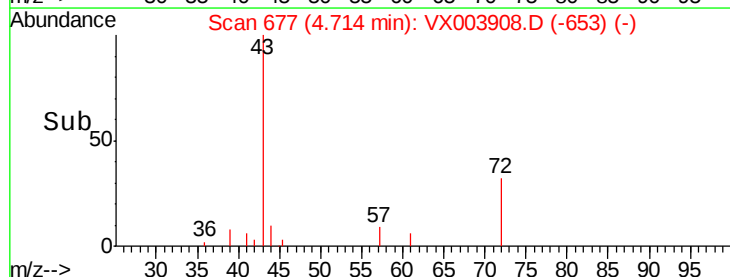
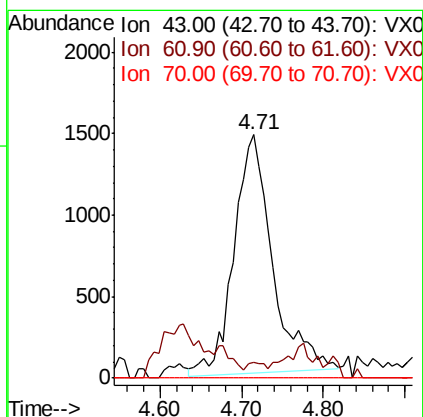
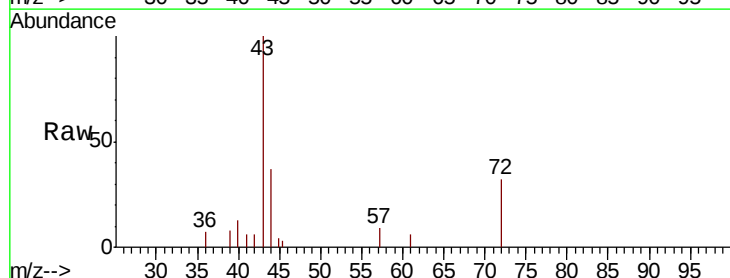
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111813ZHE#04

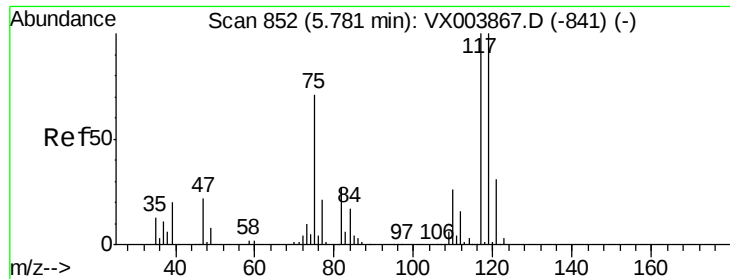
Tot Ion	75	Resp	21112
Ion Ratio	Lower	Upper	
75	100		
110	8.6	18.2	54.6#
77	0.1	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.78 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.15 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

Tgt Ion	43	Resp	4789
Ion Ratio	Lower	Upper	
43	100		
61	1.3	11.5	17.3#
70	0.0	9.0	13.4#





#38

Carbon Tetrachloride

Concen: 5.15 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

PB111813ZHE#04

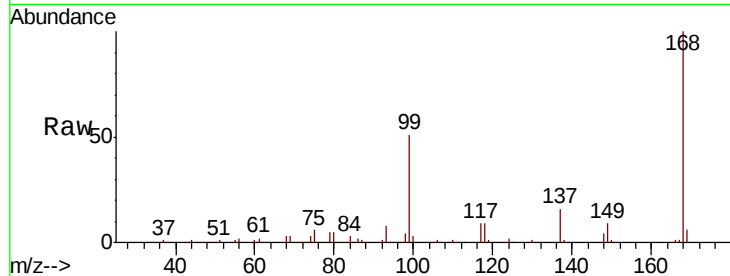
Tot Ion:117 Resp: 27451

Ion Ratio Lower Upper

117 100

119 6.6 79.5 119.3#

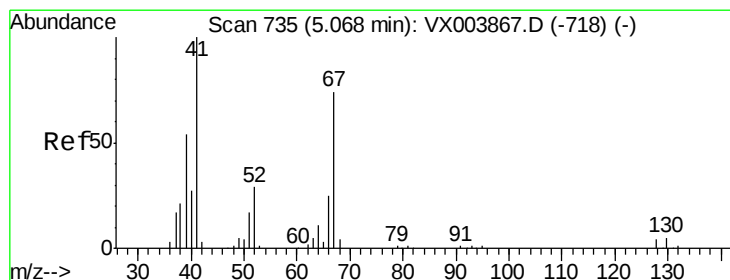
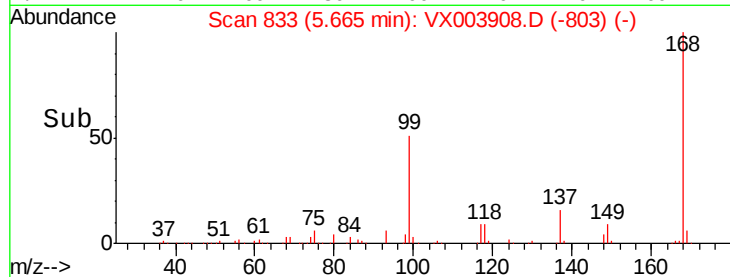
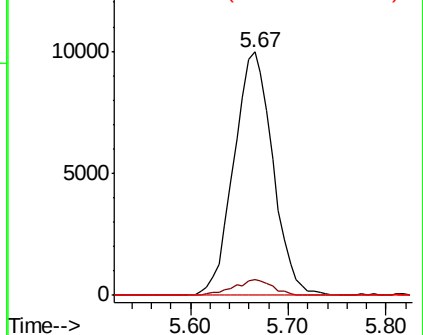
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.34 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.10 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Tgt Ion: 41 Resp: 1154

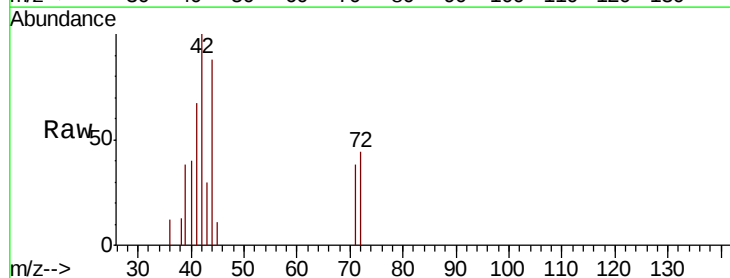
Ion Ratio Lower Upper

41 100

39 51.2 42.7 64.1

67 0.0 58.9 88.3#

52 0.0 22.6 33.8#

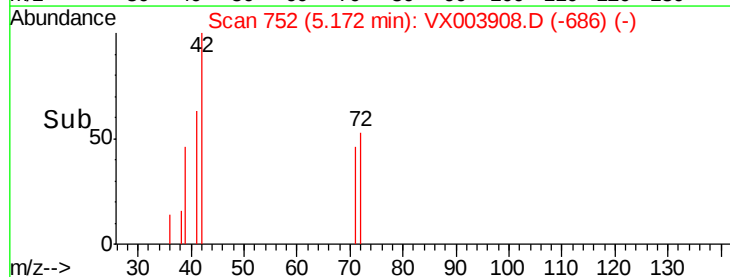
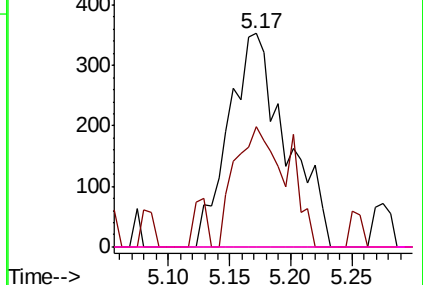


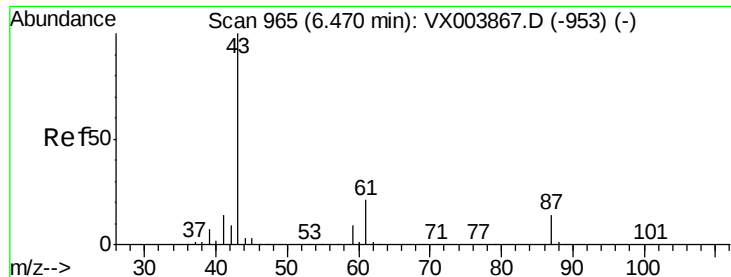
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 21.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

PB111813ZHE#04

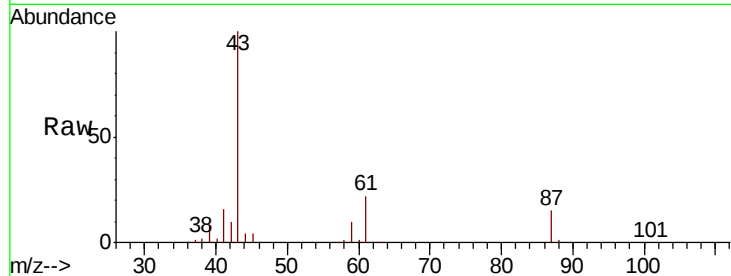
Tot Ion: 43 Resp: 199517

Ion Ratio Lower Upper

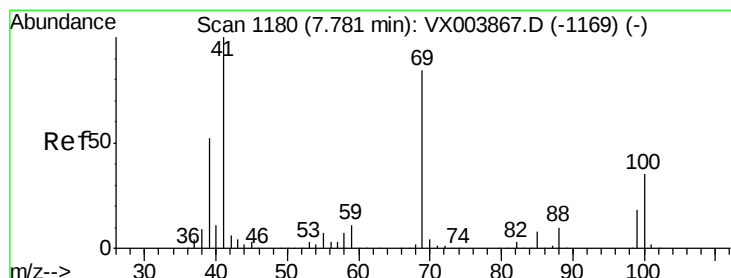
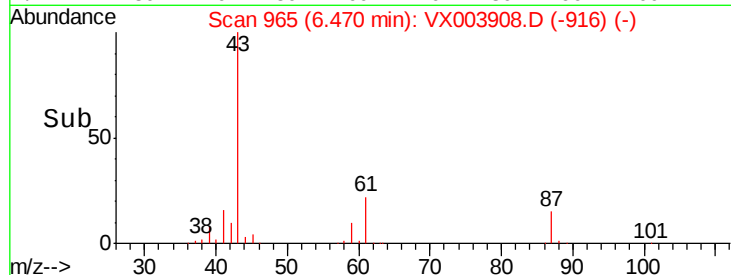
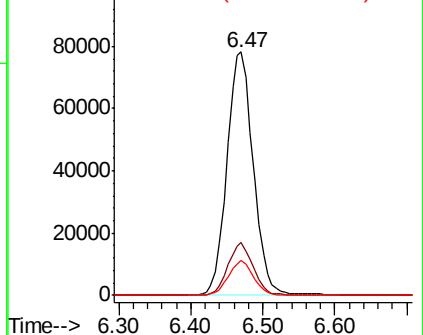
43 100

61 20.7 16.9 25.3

87 13.7 11.3 16.9



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: 1.98 ug/l

RT: 7.69 min Scan# 1165

Delta R.T. -0.09 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

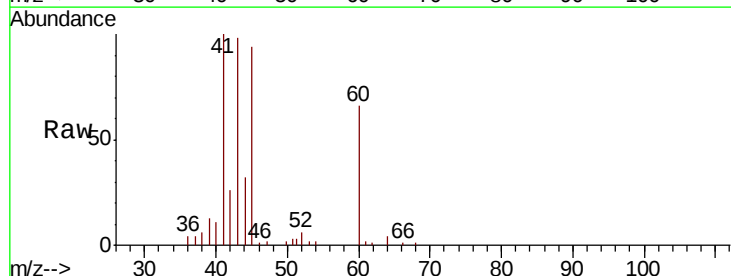
Tgt Ion: 41 Resp: 9349

Ion Ratio Lower Upper

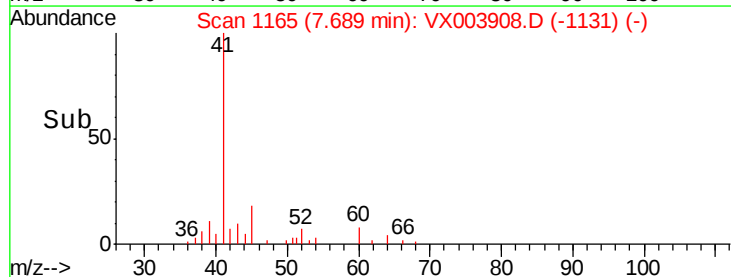
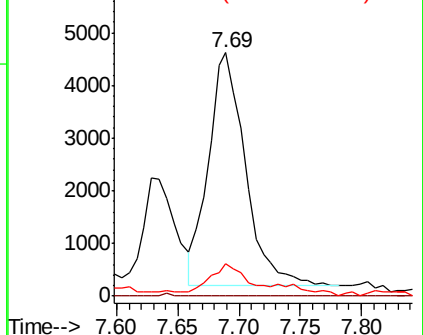
41 100

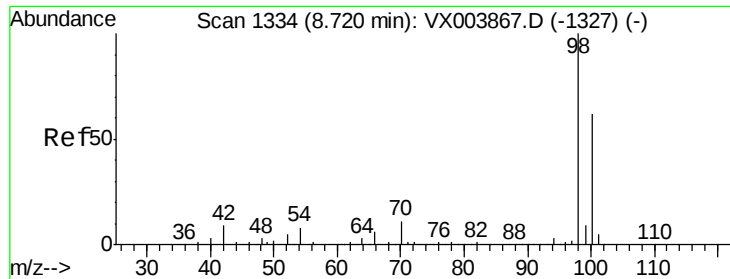
69 0.0 68.8 103.2#

39 11.2 42.3 63.5#



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





#50

Toluene-d8

Concen: 48.78 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

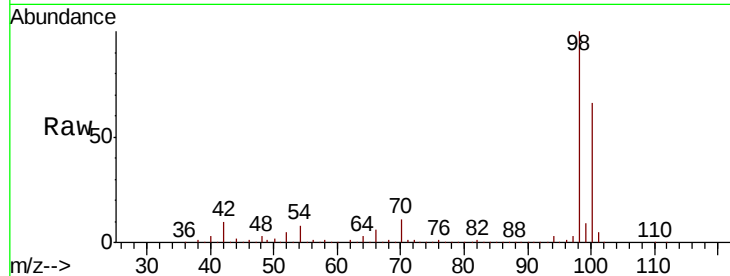
PB111813ZHE#04

Tot Ion: 98 Resp: 718165

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

500000

400000

300000

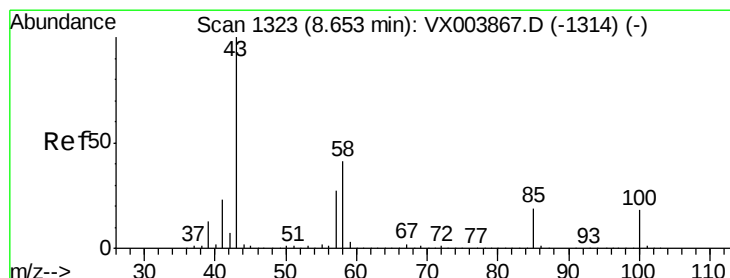
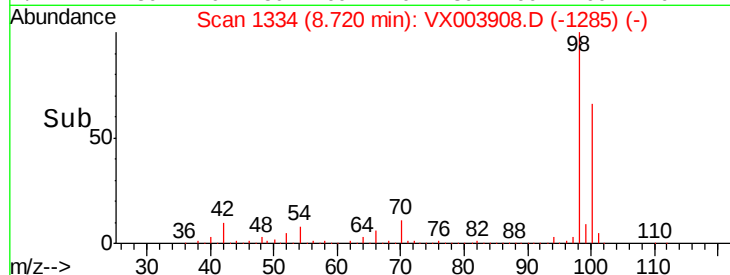
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 0.57 ug/l

RT: 8.63 min Scan# 1319

Delta R.T. -0.02 min

Lab File: VX003908.D

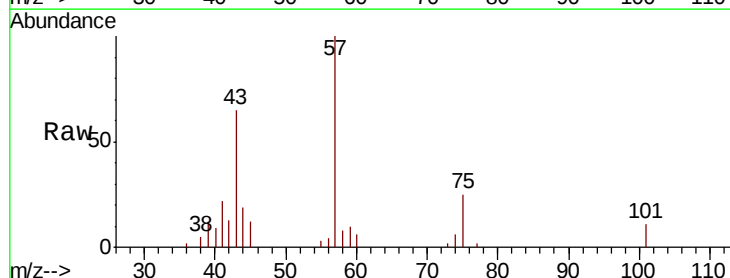
Acq: 08 Aug 2018 04:58

Tgt Ion: 43 Resp: 4364

Ion Ratio Lower Upper

43 100

58 0.0 33.0 49.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.63

2500

2000

1500

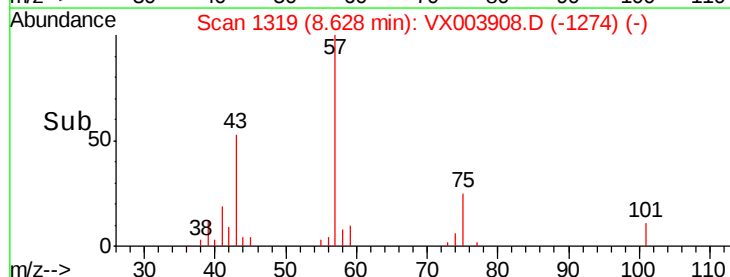
1000

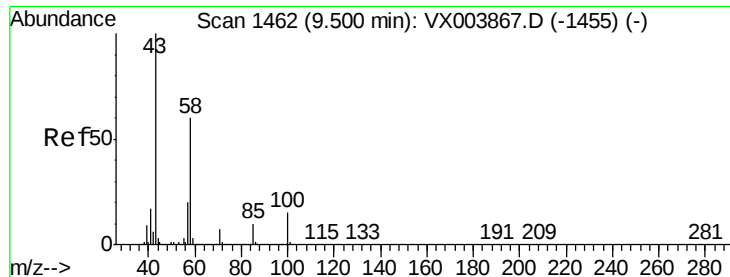
500

0

Time-->

8.55 8.60 8.65

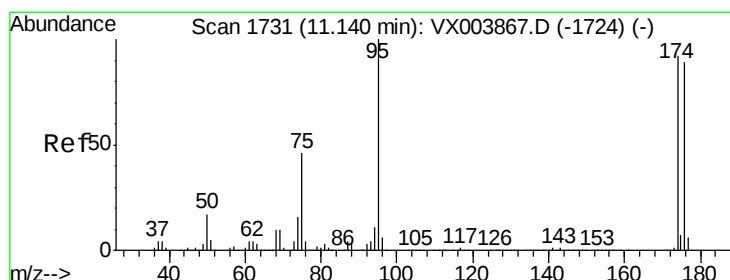
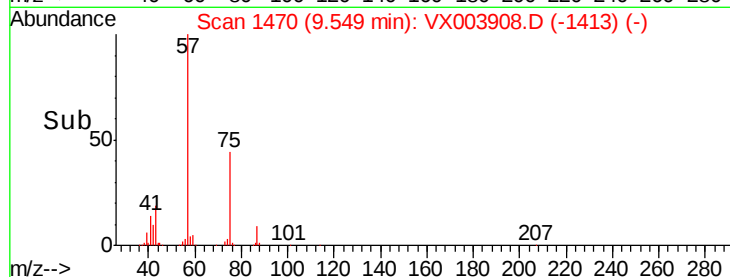
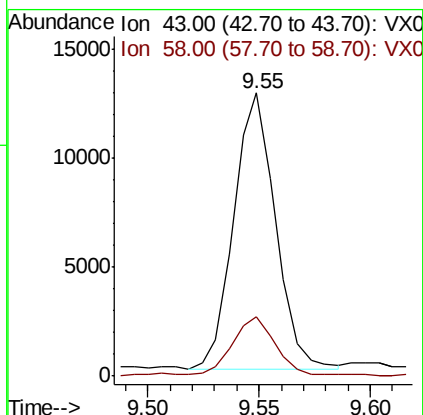
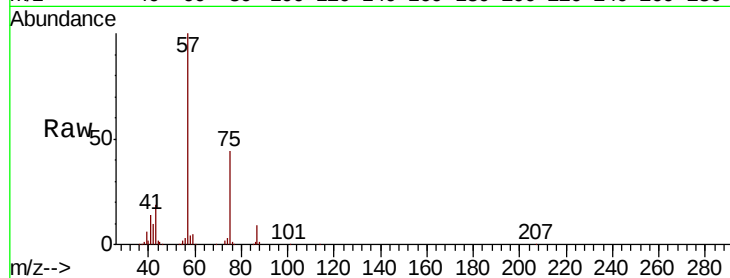




#59
2-Hexanone
Concen: 2.87 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.05 min
Lab File: VX003908.D
Acq: 08 Aug 2018 04:58

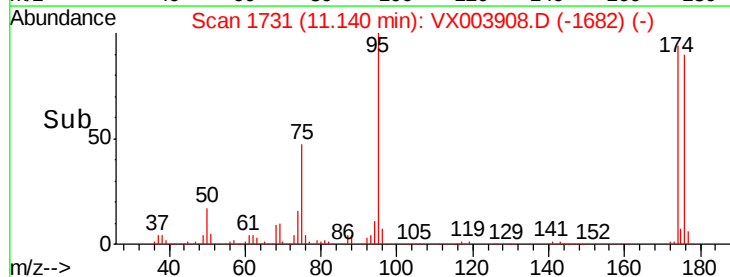
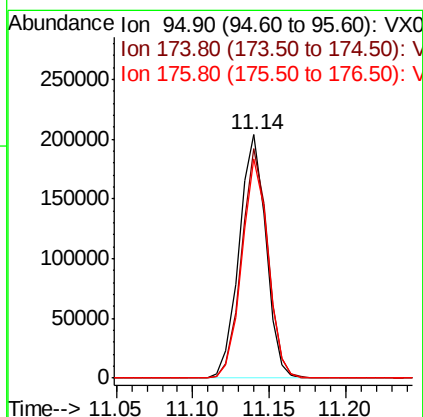
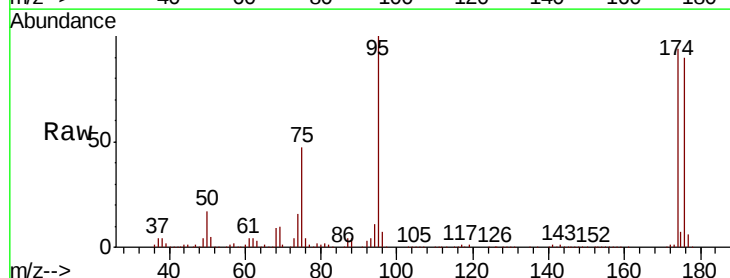
Instrument :
MSVOA_X
ClientSampleId :
PB111813ZHE#04

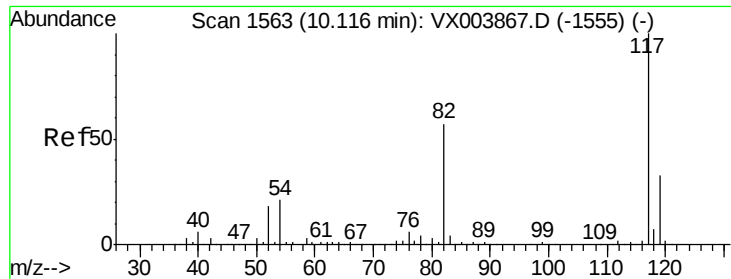
Tot Ion: 43 Resp: 16462
Ion Ratio Lower Upper
43 100
58 23.2 29.0 87.0#



#62
4-Bromofluorobenzene
Concen: 51.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003908.D
Acq: 08 Aug 2018 04:58

Tgt Ion: 95 Resp: 246822
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.8
176 88.7 0.0 179.0

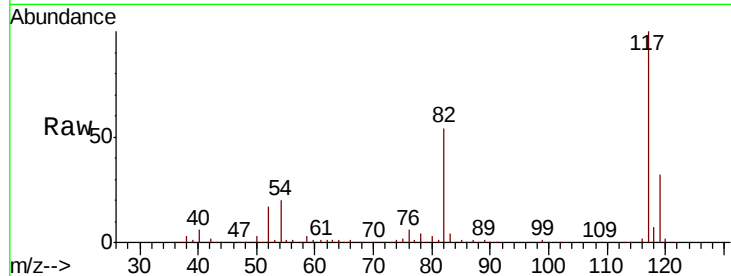




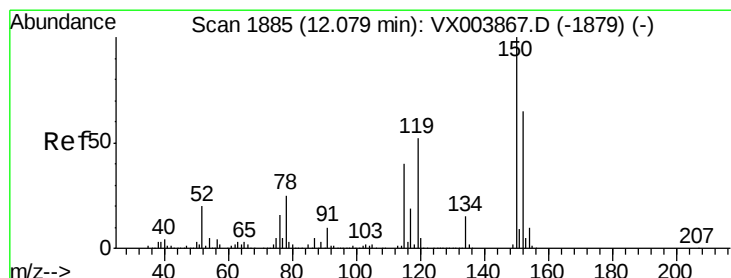
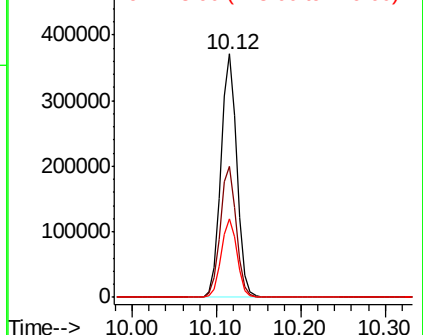
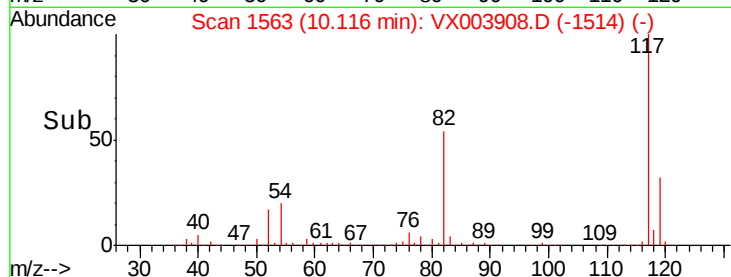
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003908.D
Acq: 08 Aug 2018 04:58

Instrument :
MSVOA_X
ClientSampleId :
PB111813ZHE#04

Tot Ion:117 Resp: 487003
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 32.5 26.6 40.0

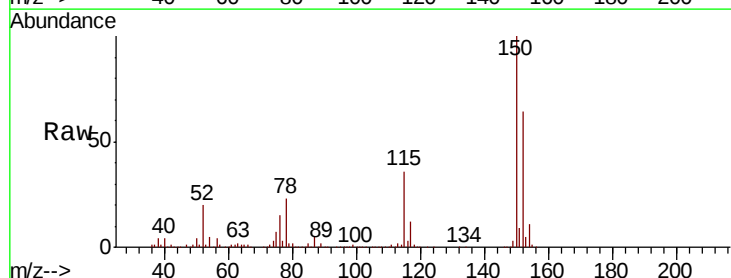


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

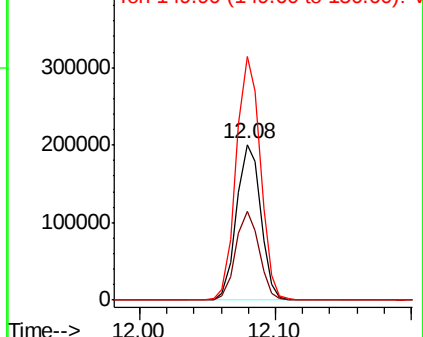
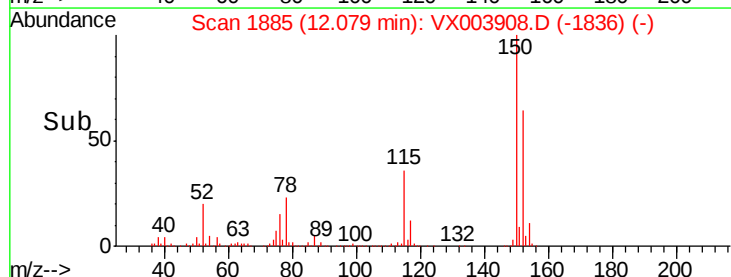


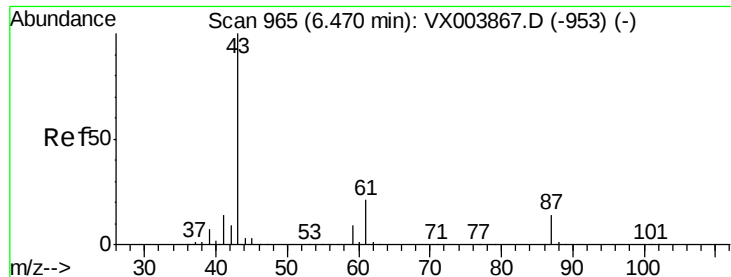
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003908.D
Acq: 08 Aug 2018 04:58

Tgt Ion:152 Resp: 248479
Ion Ratio Lower Upper
152 100
115 55.1 39.1 117.3
150 156.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 20.87 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

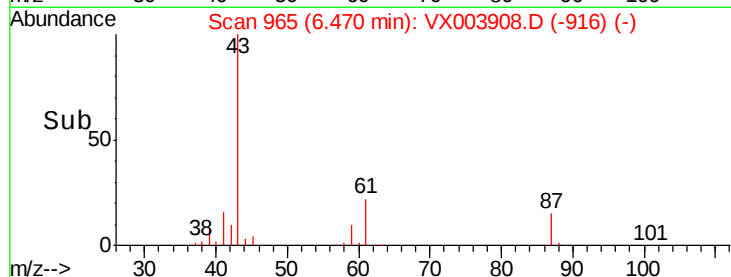
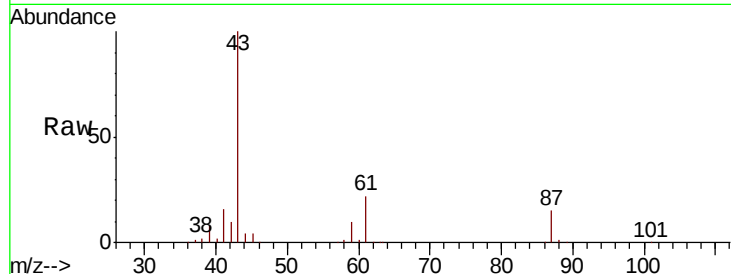
ClientSampleId :

PB111813ZHE#04

Tot Ion: 43 Resp: 199517

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	20.7	16.9	25.3

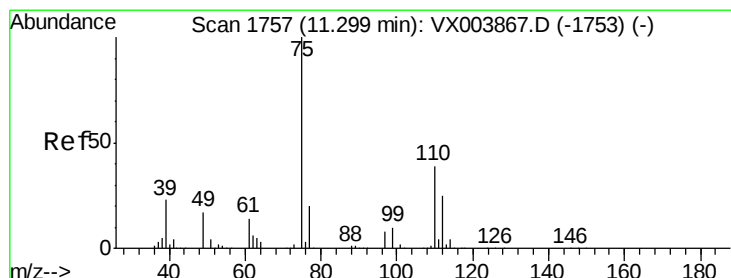
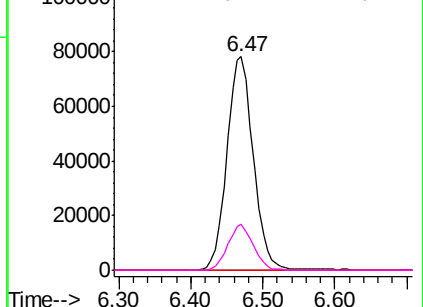


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

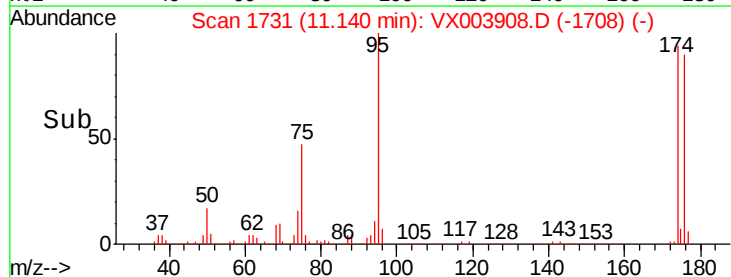
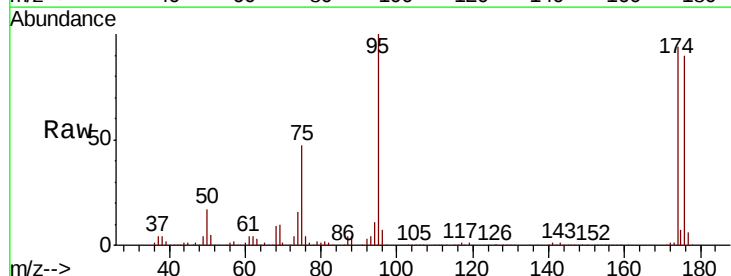
Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Tgt Ion: 75 Resp: 119936

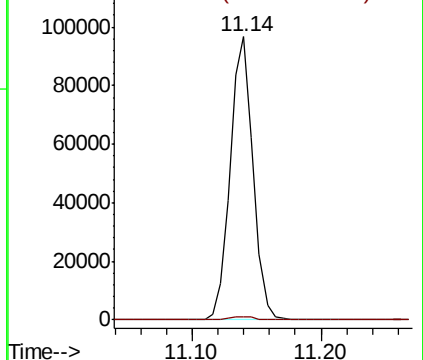
Ion Ratio Lower Upper

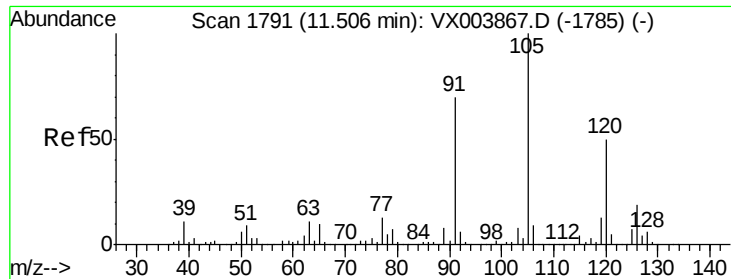
75	100		
77	1.4	20.8	62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

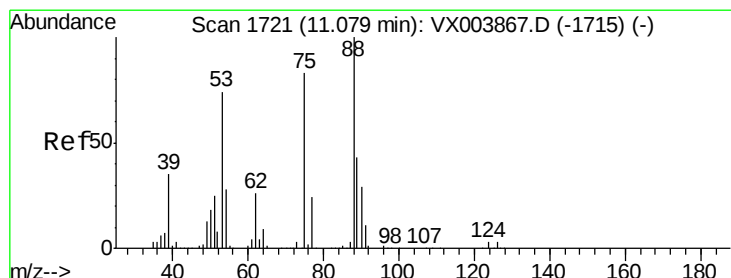
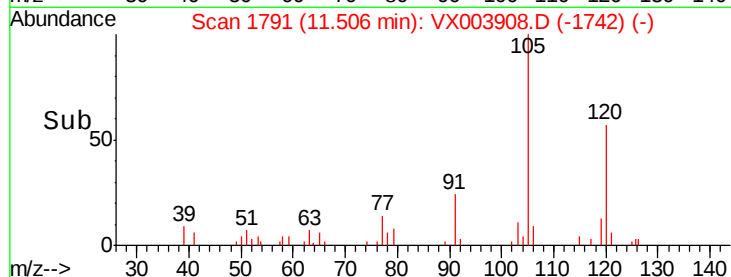
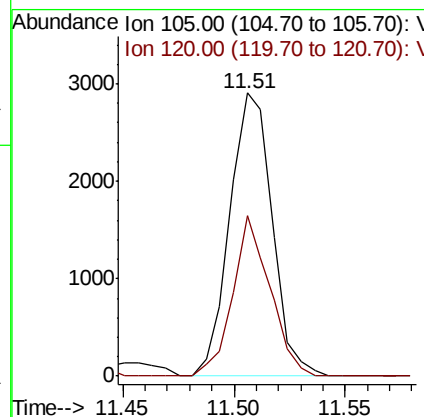
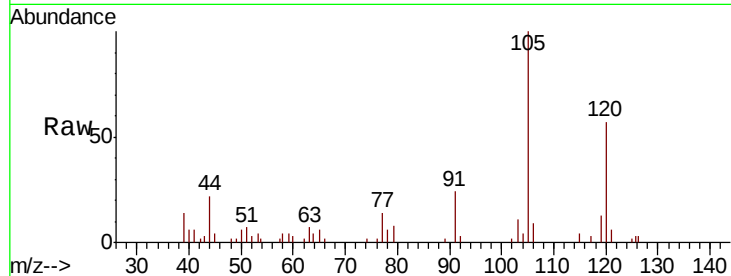




#80
 1,3,5-Trimethylbenzene
 Concen: 0.26 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

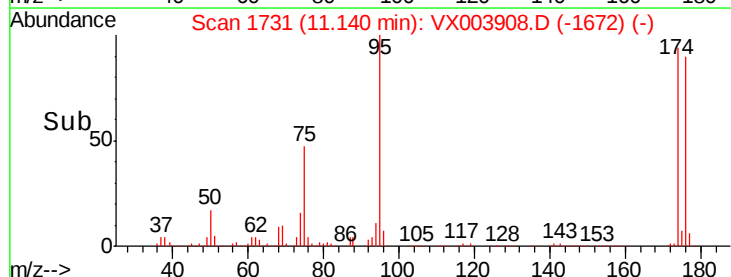
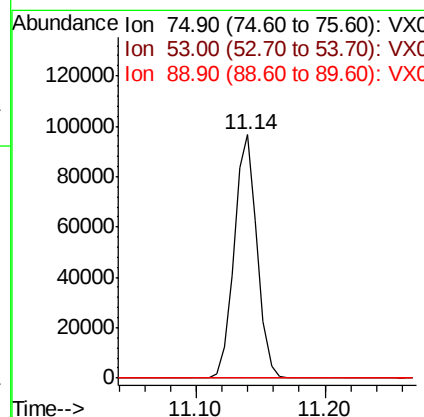
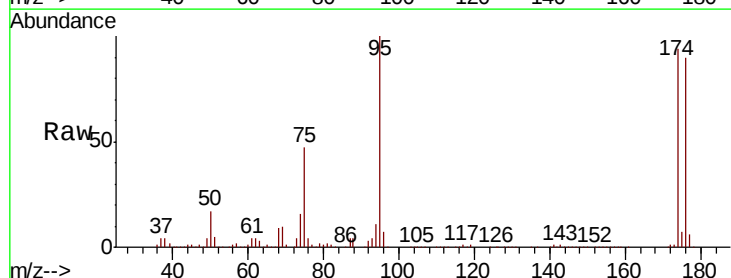
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111813ZHE#04

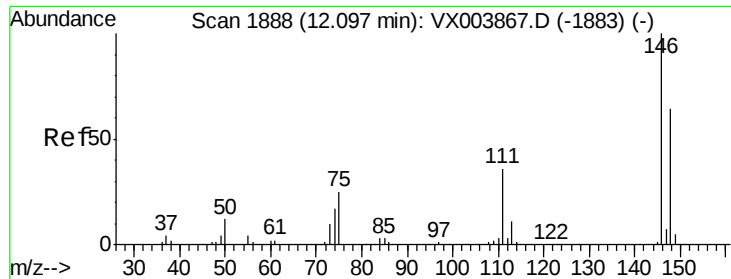
Tot Ion:105 Resp: 3846
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.4 76.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.03 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

Tgt Ion: 75 Resp: 119936
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.3 120.5#
 89 0.0 37.8 56.8#

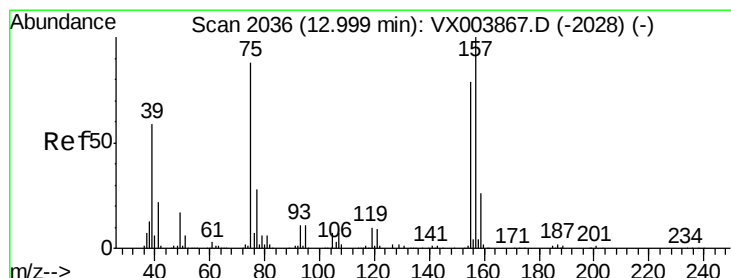
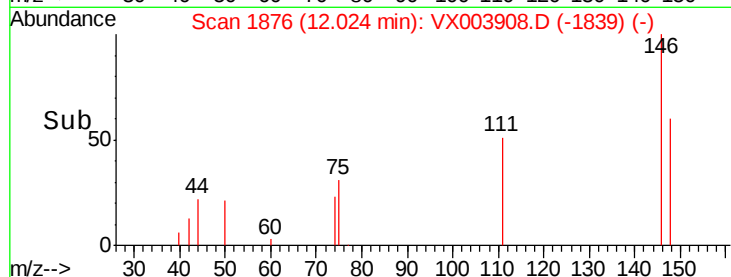
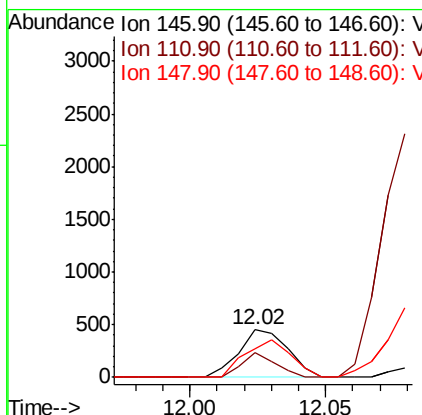
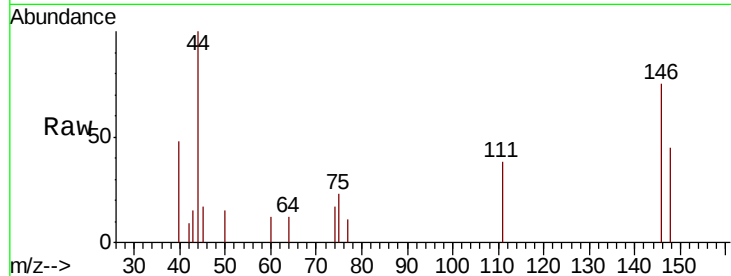




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.07 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

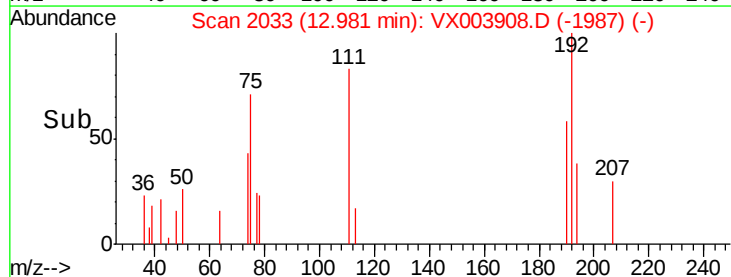
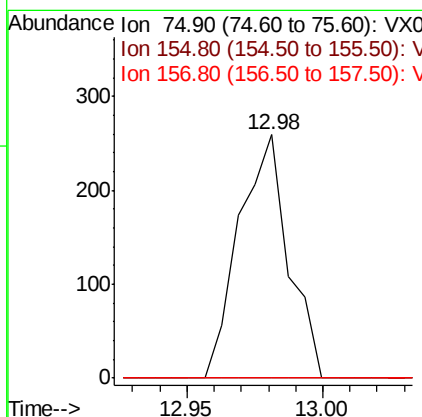
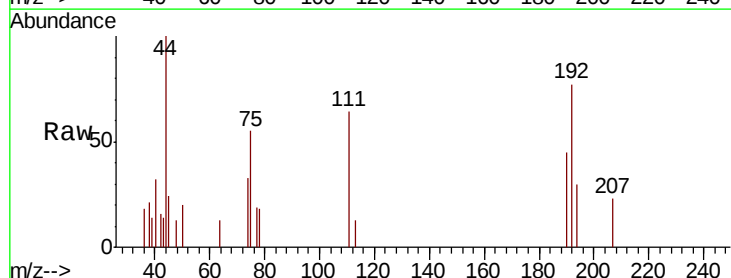
Instrument :
 MSVOA_X
 ClientSampleId :
 PB111813ZHE#04

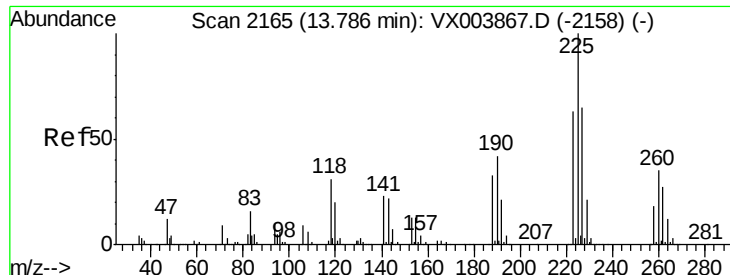
Tot Ion:146 Resp: 564
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.4 55.0
 148 74.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.25 ug/l
 RT: 12.98 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: VX003908.D
 Acq: 08 Aug 2018 04:58

Tgt Ion: 75 Resp: 325
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 0.0 62.6 187.8#





#94

Hexachlorobutadiene

Concen: 0.52 ug/l

RT: 13.78 min Scan# 2164

Delta R.T. -0.01 min

Lab File: VX003908.D

Acq: 08 Aug 2018 04:58

Instrument :

MSVOA_X

ClientSampleId :

PB111813ZHE#04

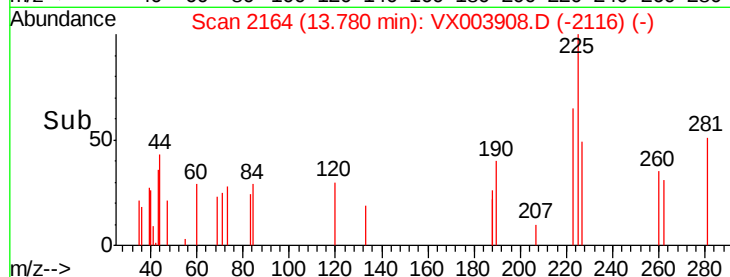
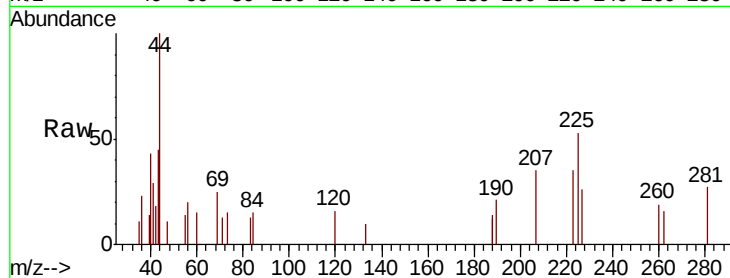
Tot Ion:225 Resp: 254

Ion Ratio Lower Upper

225 100

223 53.9 31.4 94.0

227 64.2 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

