

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112618\
 Data File : VX006203.D
 Acq On : 27 Nov 2018 04:31
 Operator : JC/MD
 Sample : PB115023ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#06

Quant Time: Nov 28 13:00:21 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	5.67	168	265663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	402691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185275	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	174794	56.78	ug/l	0.00
Spiked Amount			Recovery	=	113.56%	
35) Dibromofluoromethane	5.50	113	137916	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
50) Toluene-d8	8.71	98	514632	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	11.14	95	169422	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	

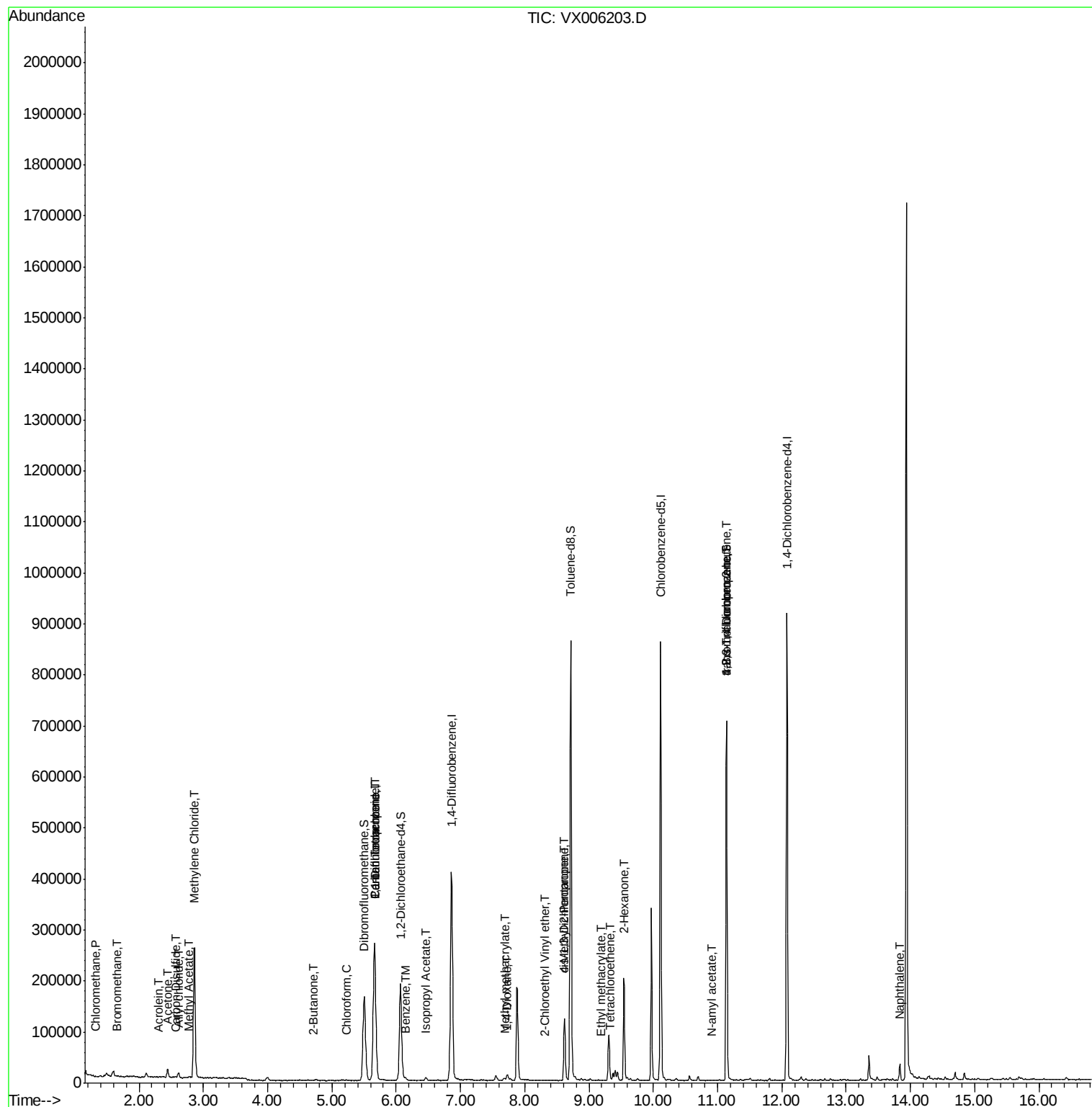
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	900	0.361	ug/l #	87
5) Bromomethane	1.65	94	255	3.836	ug/l #	77
6) Chloroethane	1.76	64	766	Below Cal		97
13) Acrolein	2.29	56	127	0.324	ug/l #	13
14) Allyl chloride	2.62	41	943	0.240	ug/l #	41
16) Acetone	2.45	43	17644	12.916	ug/l	93
17) Carbon Disulfide	2.57	76	1815	0.350	ug/l #	94
18) Methyl Acetate	2.78	43	3715	1.061	ug/l #	74
20) Methylene Chloride	2.86	84	115248	55.781	ug/l	95
25) 2-Butanone	4.71	43	3039	1.199	ug/l #	54
30) Chloroform	5.21	83	1592	0.332	ug/l	89
36) 1,1-Dichloropropene	5.67	75	18741	5.116	ug/l #	53
38) Carbon Tetrachloride	5.66	117	25295	7.346	ug/l #	17
40) Benzene	6.15	78	5807	0.538	ug/l	97
43) Isopropyl Acetate	6.46	43	7042	1.035	ug/l #	96
48) Methyl methacrylate	7.69	41	6374	1.846	ug/l #	30
49) 1,4-Dioxane	7.72	88	80	0.977	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	43253	8.864	ug/l #	54
54) cis-1,3-Dichloropropene	8.62	75	18175	4.355	ug/l #	70
56) Ethyl methacrylate	9.18	69	228	2.913	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	75	6.751	ug/l	94
59) 2-Hexanone	9.54	43	23800	6.146	ug/l #	55
64) Tetrachloroethene	9.34	164	684	0.211	ug/l	97
74) N-ethyl acetate	10.91	43	43	2.200	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	88192	23.121	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	88192	78.199	ug/l #	8
95) Naphthalene	13.83	128	19218	1.567	ug/l	97

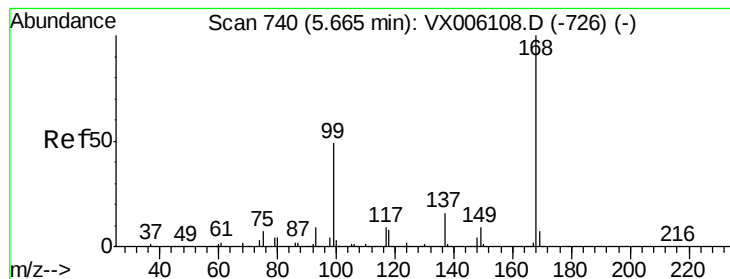
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 28 13:00:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
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: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

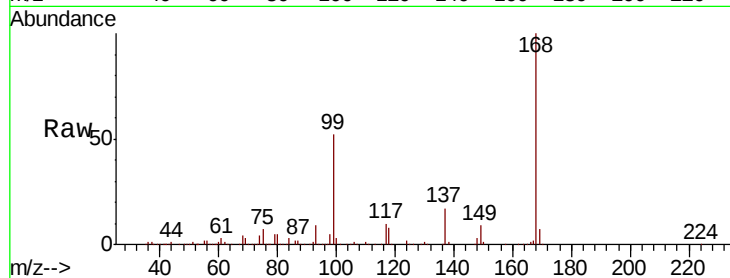
PB115023ZHE#06

Tot Ion:168 Resp: 265663

Ion Ratio Lower Upper

168 100

99 51.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

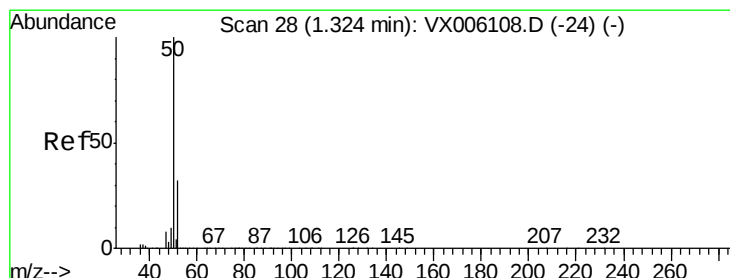
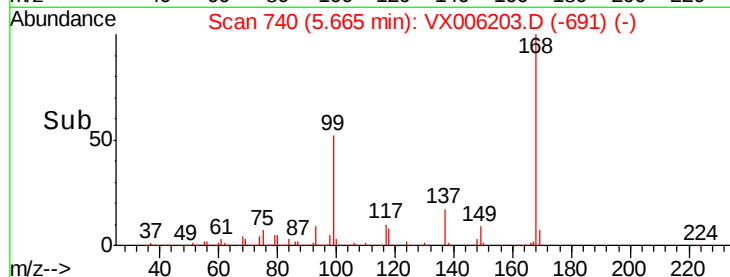
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.361 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006203.D

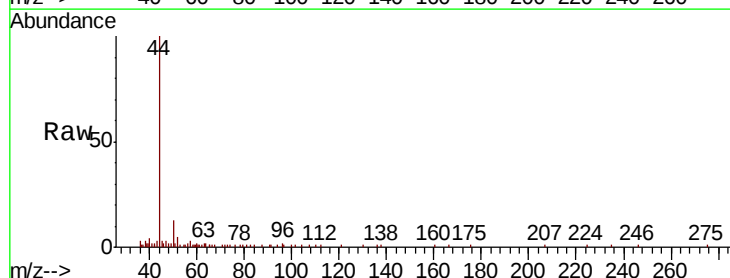
Acq: 27 Nov 2018 04:31

Tgt Ion: 50 Resp: 900

Ion Ratio Lower Upper

50 100

52 25.0 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

1000

800

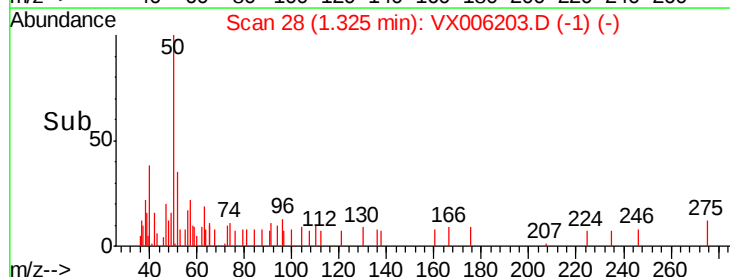
600

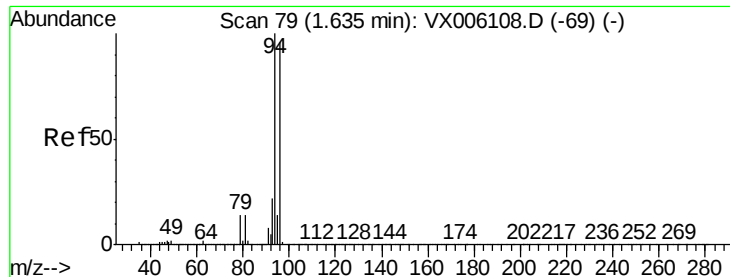
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 3.836 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

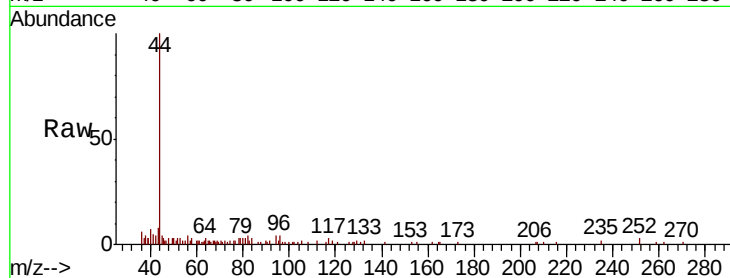
PB115023ZHE#06

Tot Ion: 94 Resp: 255

Ion Ratio Lower Upper

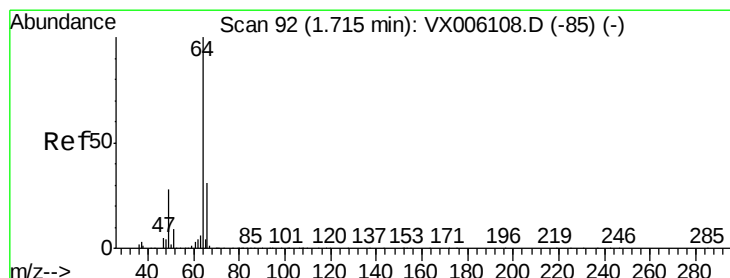
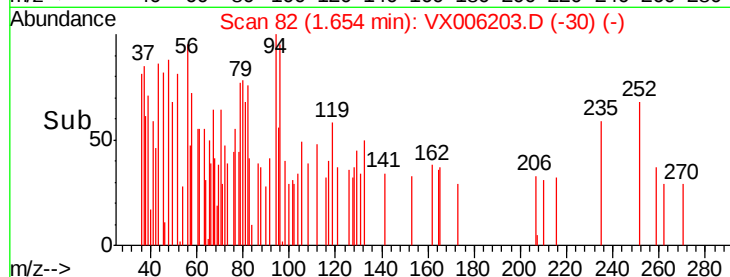
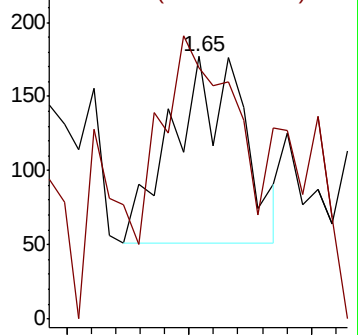
94 100

96 73.0 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX006203.D

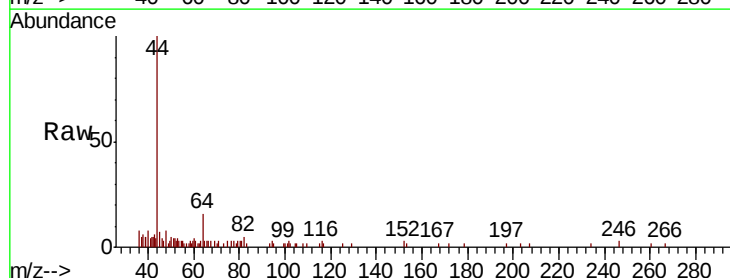
Acq: 27 Nov 2018 04:31

Tgt Ion: 64 Resp: 766

Ion Ratio Lower Upper

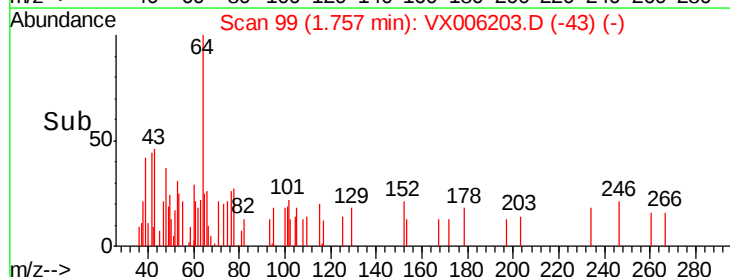
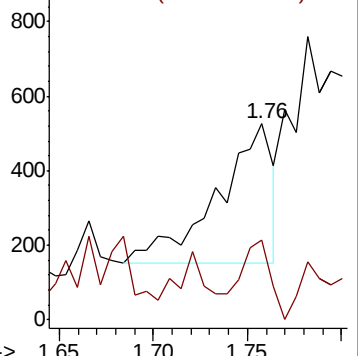
64 100

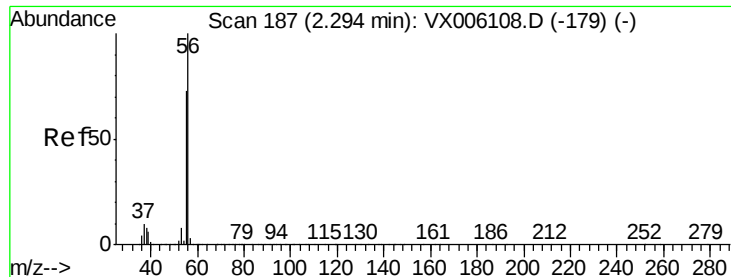
66 32.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

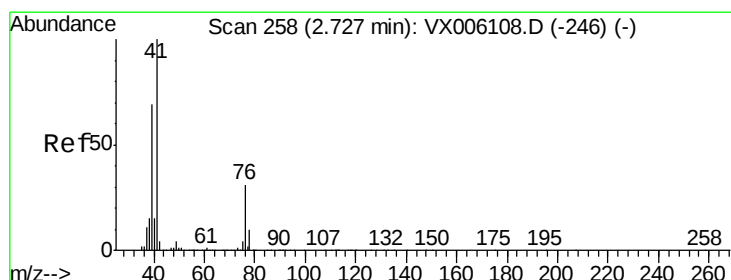
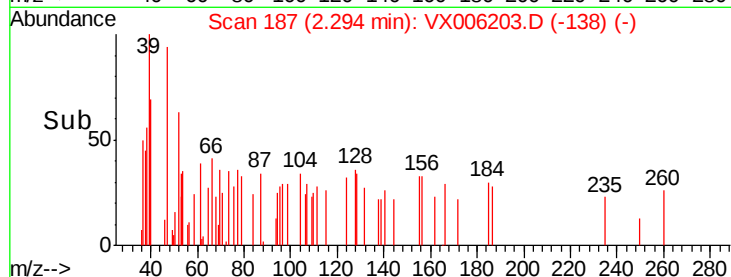
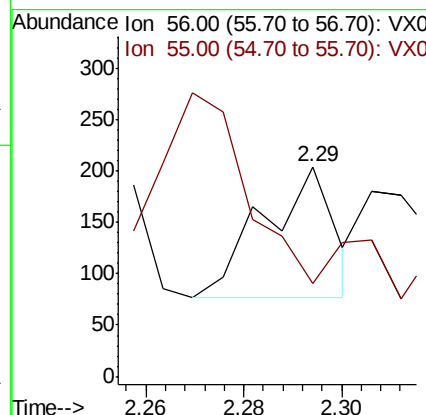
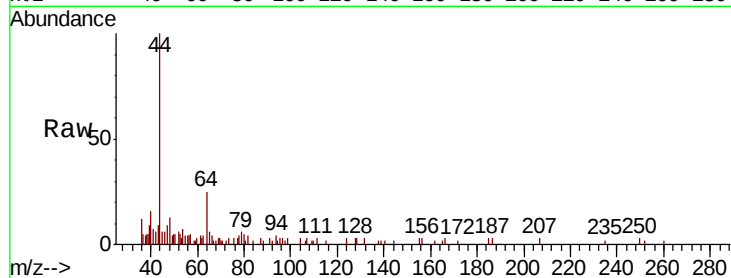




#13
Acrolein
Concen: 0.324 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

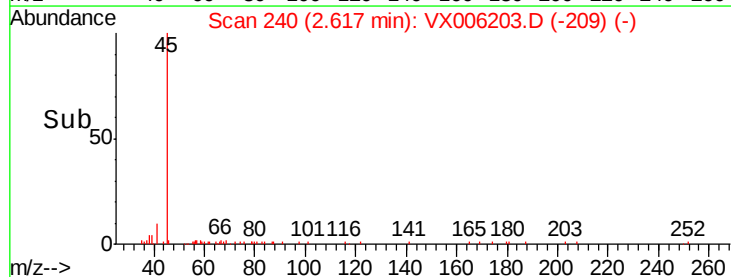
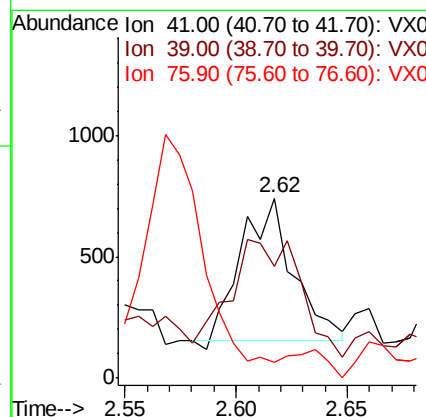
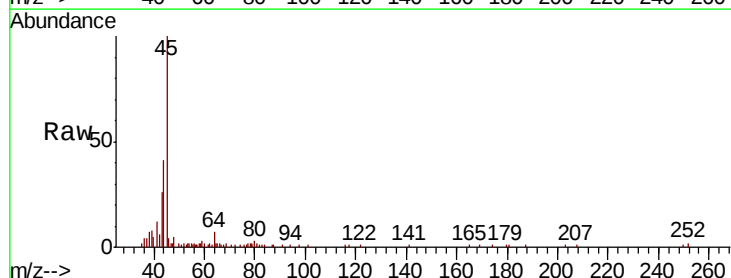
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#06

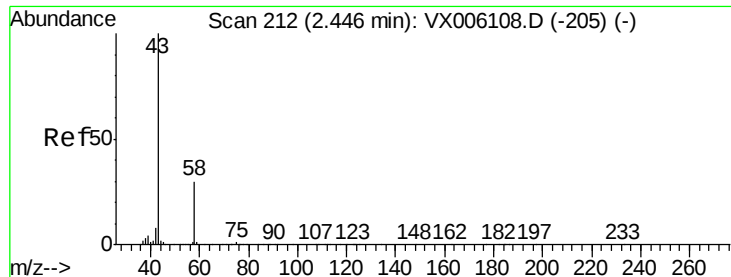
Tot Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#



#14
Allyl chloride
Concen: 0.240 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.11 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 41 Resp: 943
Ion Ratio Lower Upper
41 100
39 113.7 52.5 78.7#
76 0.0 23.4 35.2#





#16

Acetone

Concen: 12.916 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

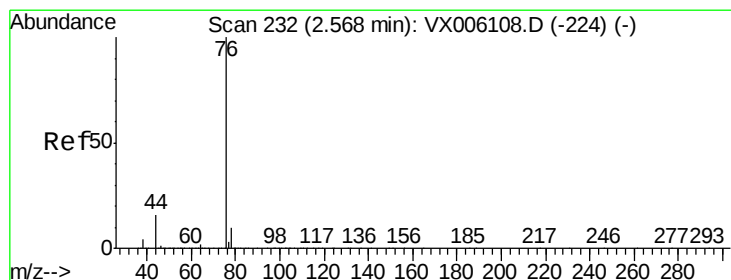
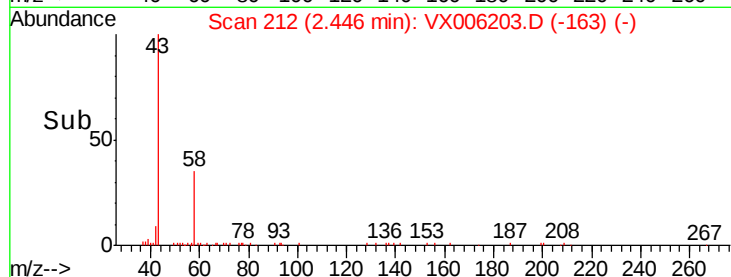
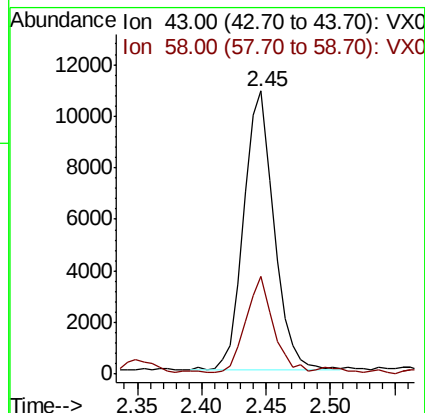
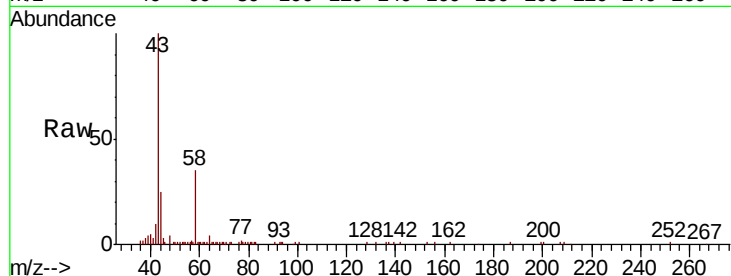
PB115023ZHE#06

Tot Ion: 43 Resp: 17644

Ion Ratio Lower Upper

43 100

58 33.4 23.8 35.8



#17

Carbon Disulfide

Concen: 0.350 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006203.D

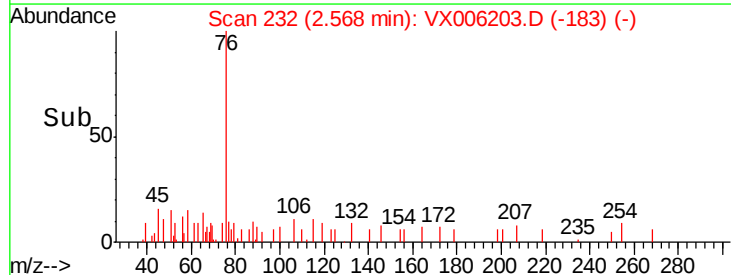
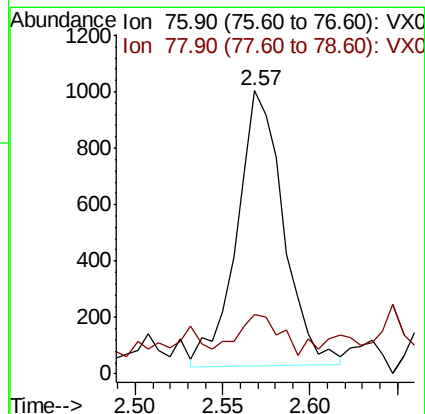
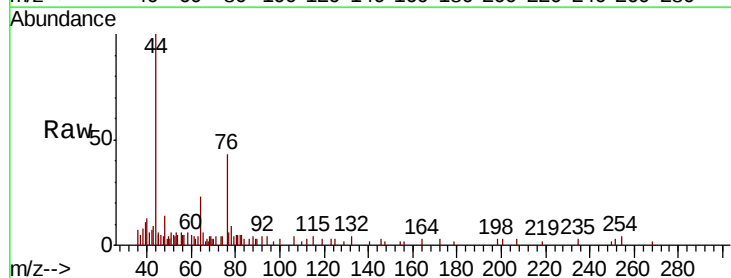
Acq: 27 Nov 2018 04:31

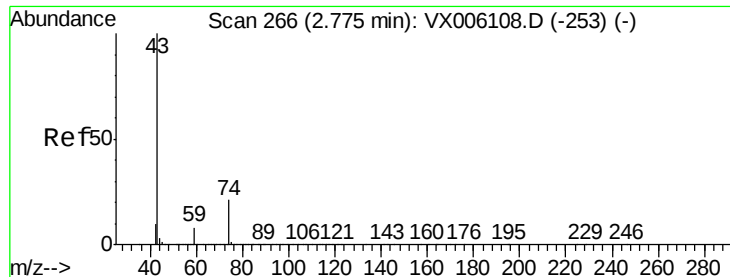
Tgt Ion: 76 Resp: 1815

Ion Ratio Lower Upper

76 100

78 7.5 7.7 11.5#

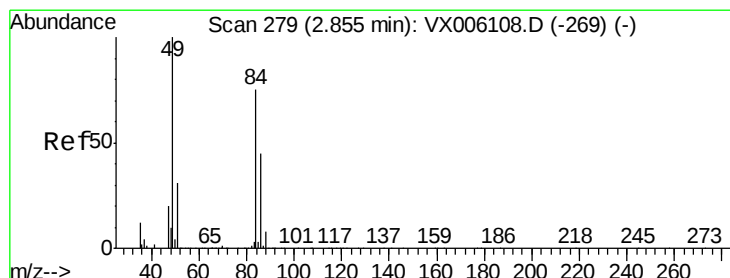
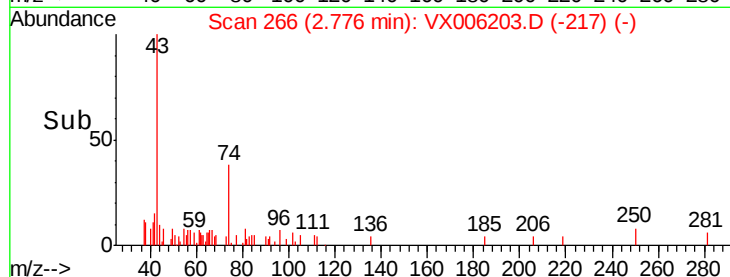
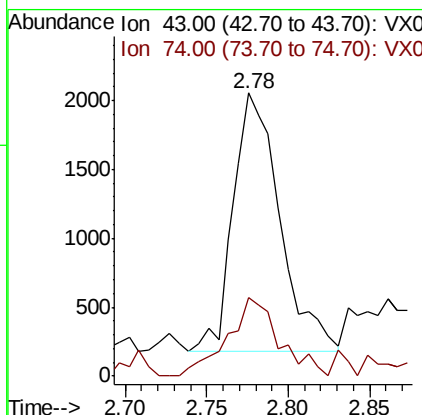
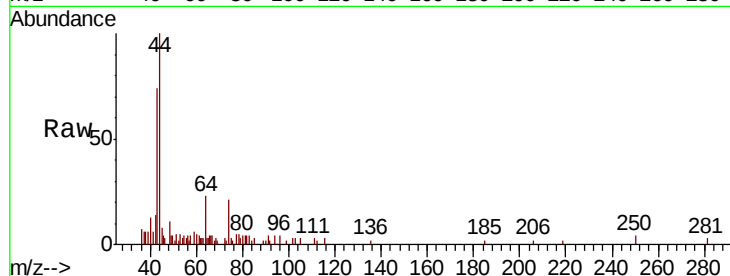




#18
Methvl Acetate
Concen: 1.061 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

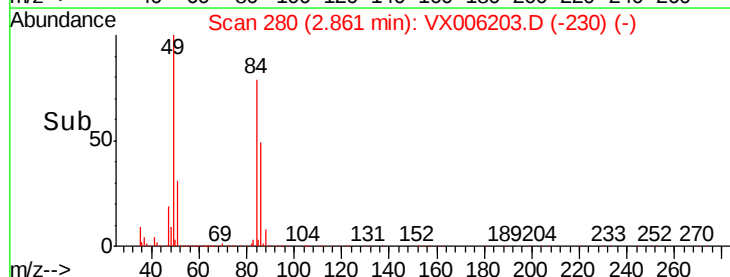
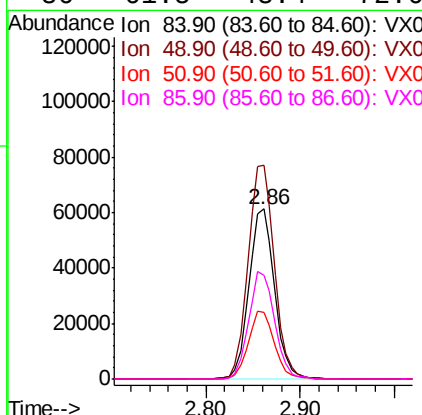
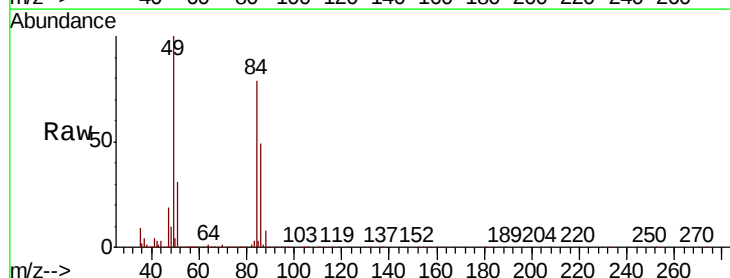
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ClientSampleId :
PB115023ZHE#06

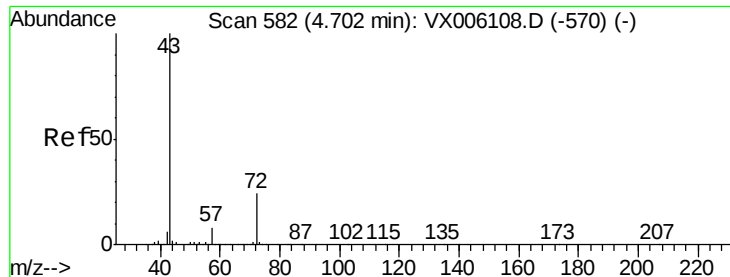
Tot Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
74 33.7 17.3 25.9#



#20
Methylene Chloride
Concen: 55.781 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 84 Resp: 115248
Ion Ratio Lower Upper
84 100
49 125.7 106.6 159.8
51 38.7 32.6 49.0
86 61.5 48.4 72.6





#25

2-Butanone

Concen: 1.199 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

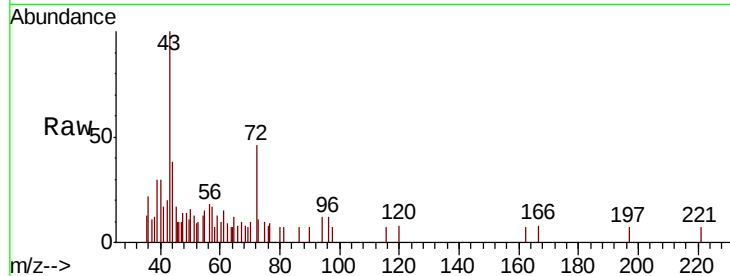
PB115023ZHE#06

Tot Ion: 43 Resp: 3039

Ion Ratio Lower Upper

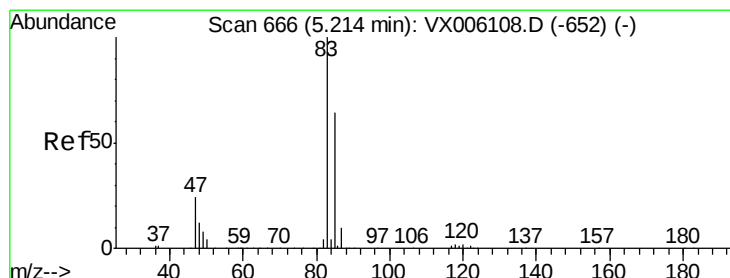
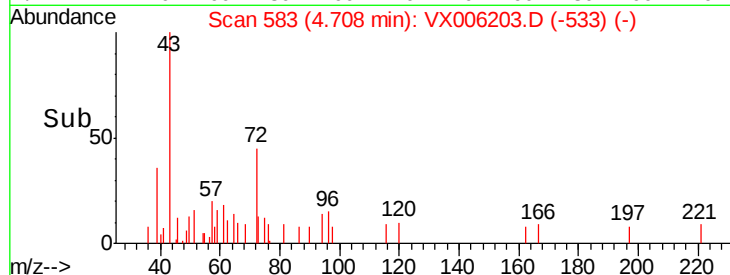
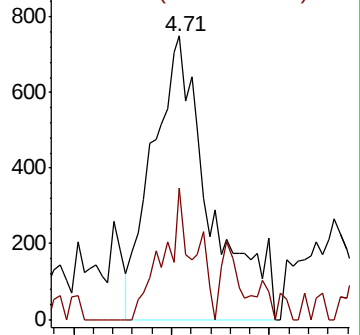
43 100

72 46.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.332 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006203.D

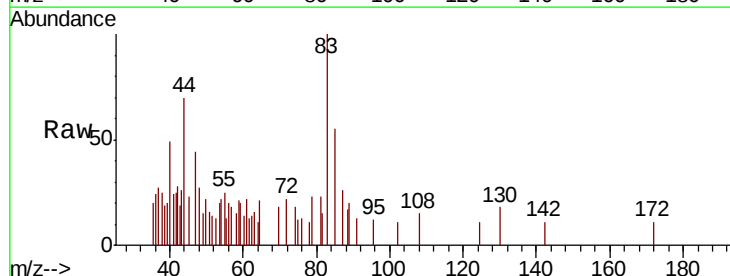
Acq: 27 Nov 2018 04:31

Tgt Ion: 83 Resp: 1592

Ion Ratio Lower Upper

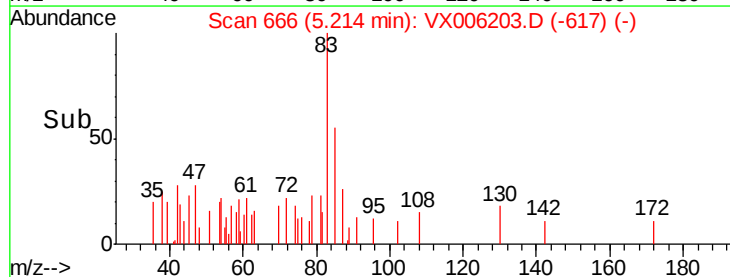
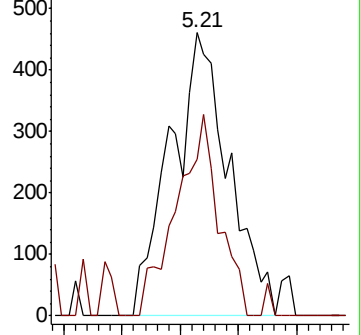
83 100

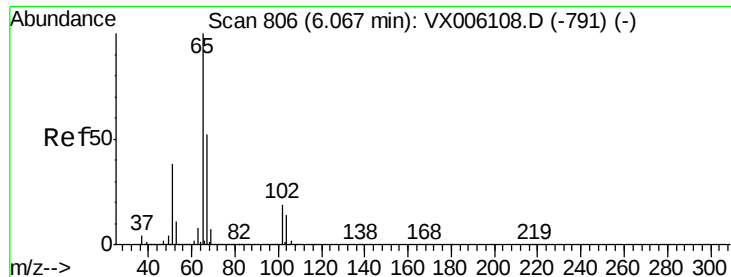
85 55.1 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.782 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

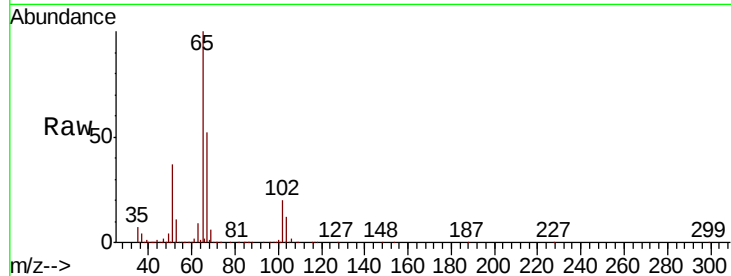
PB115023ZHE#06

Tot Ion: 65 Resp: 174794

Ion Ratio Lower Upper

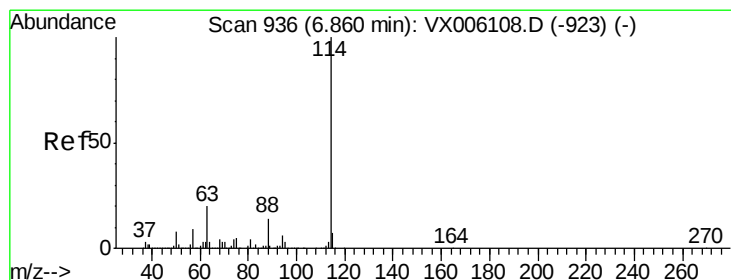
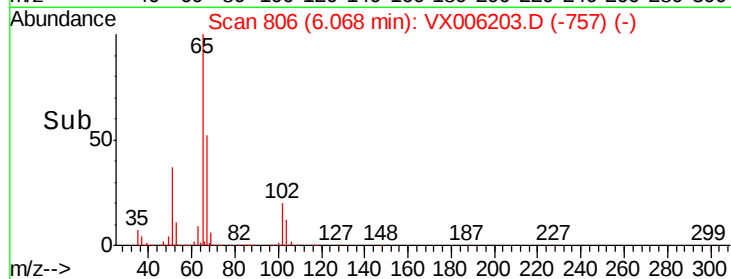
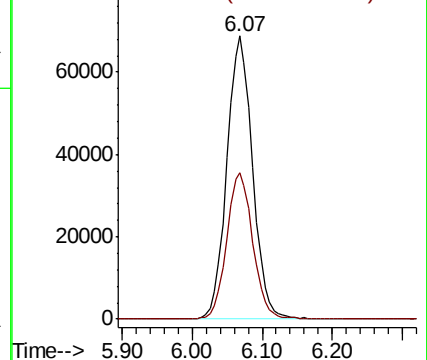
65 100

67 52.6 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: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

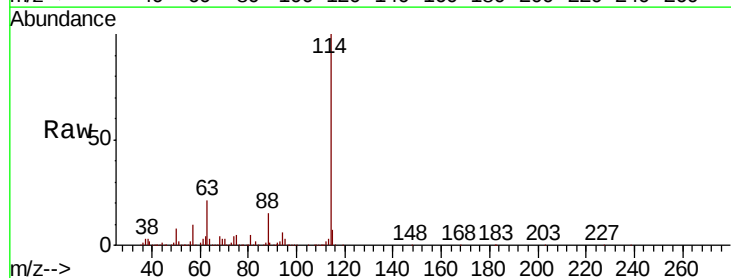
Tgt Ion: 114 Resp: 402691

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

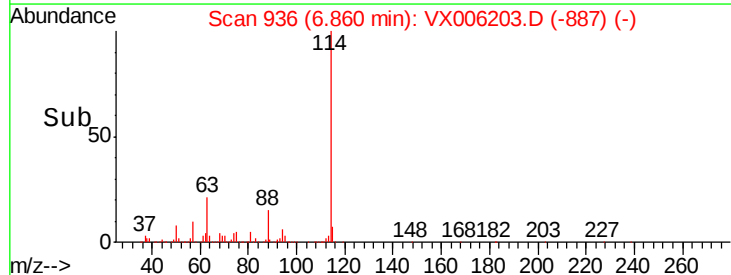
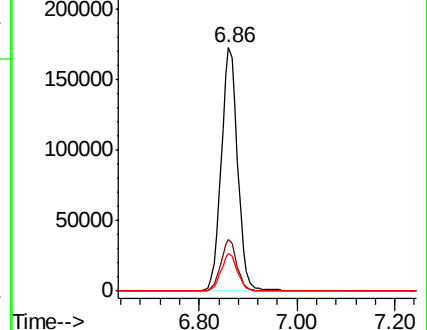
88 15.4 0.0 28.6

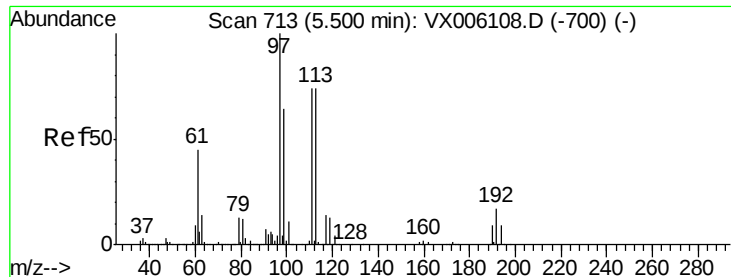


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.354 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

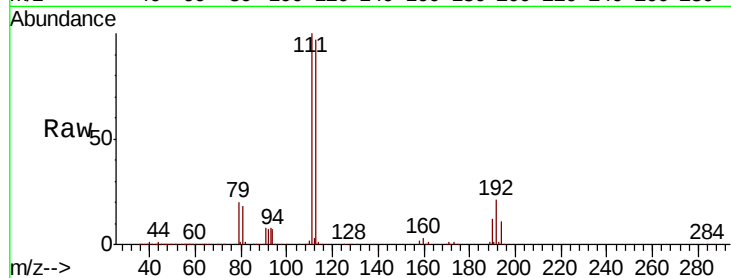
Tot Ion:113 Resp: 137916

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

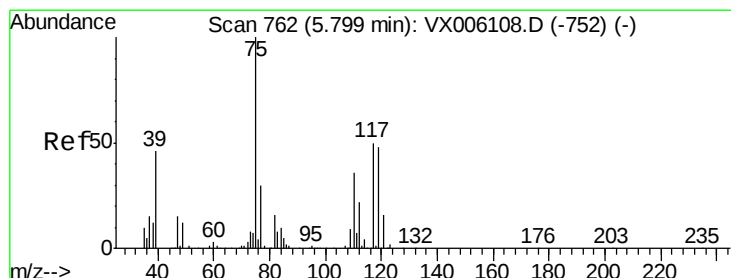
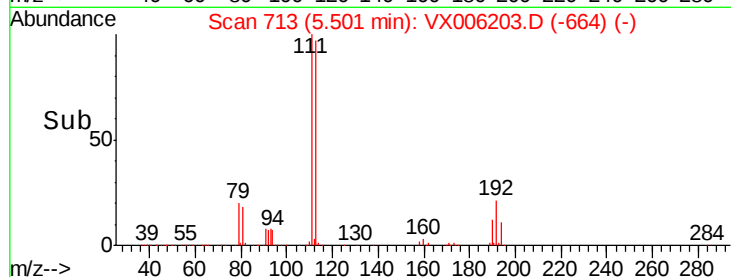
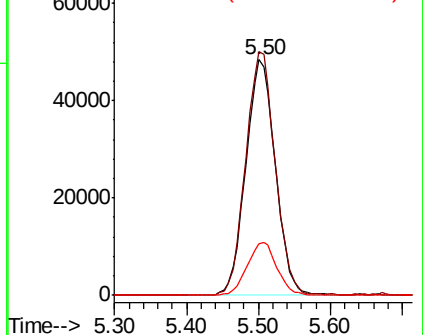
192 22.5 18.6 28.0



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: 5.116 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

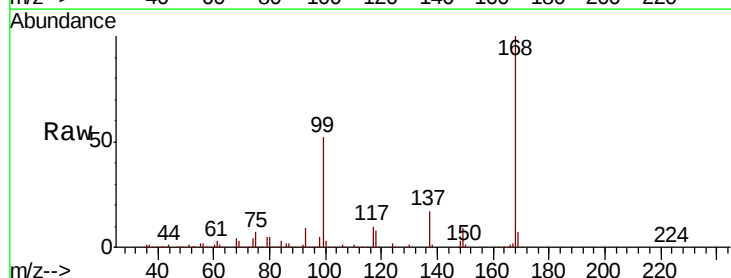
Tgt Ion: 75 Resp: 18741

Ion Ratio Lower Upper

75 100

110 10.8 17.8 53.3#

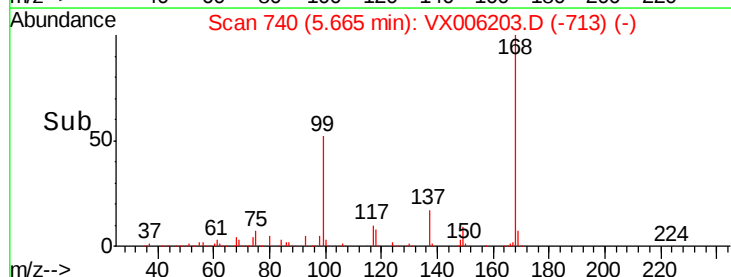
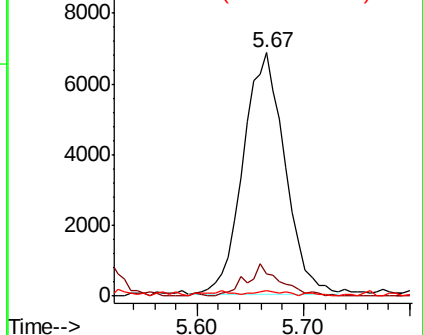
77 1.7 24.5 36.7#

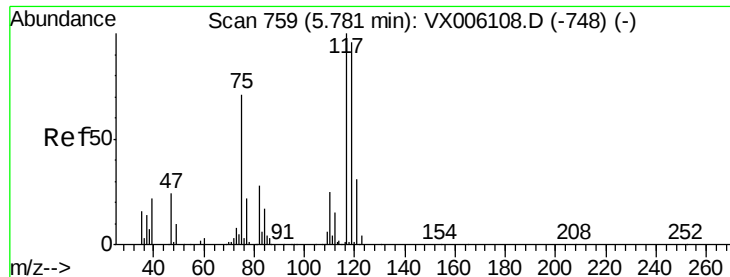


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

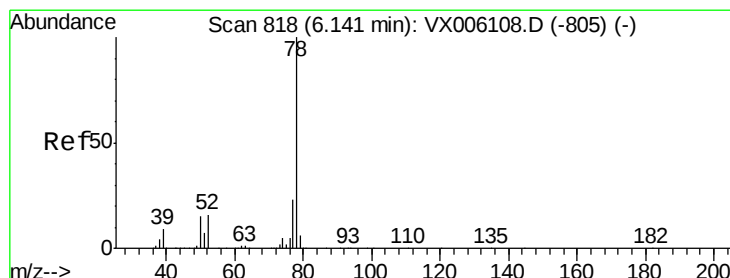
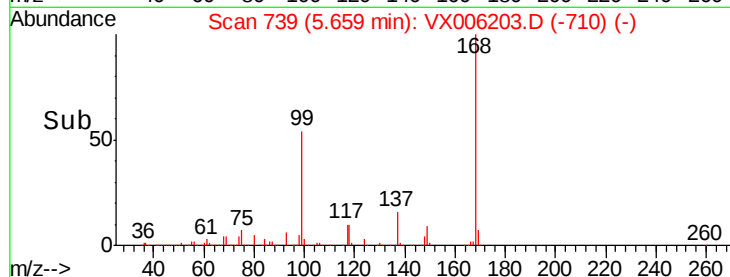
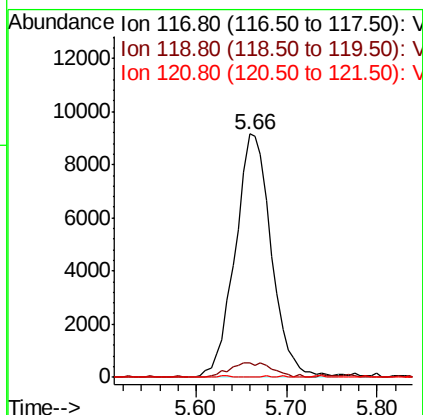
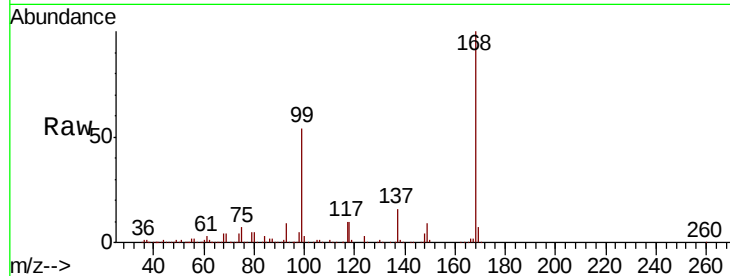




#38
Carbon Tetrachloride
Concen: 7.346 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

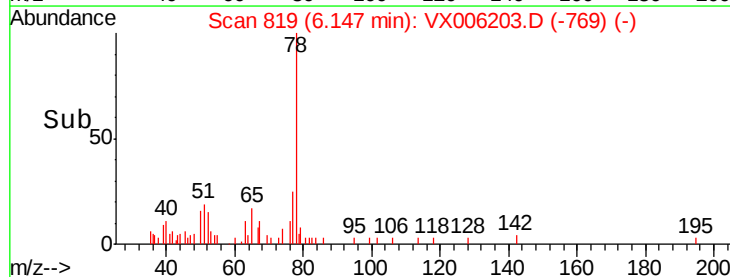
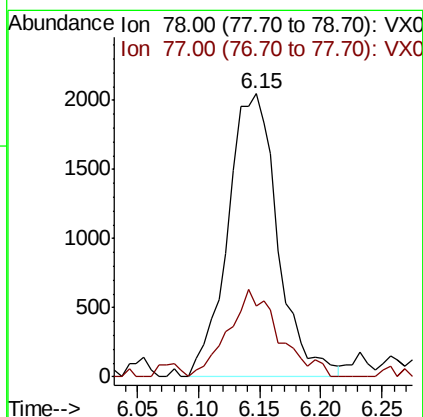
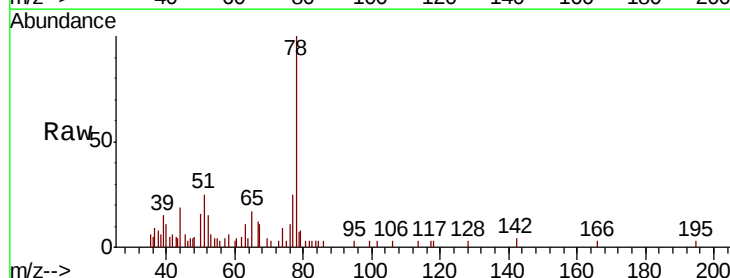
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#06

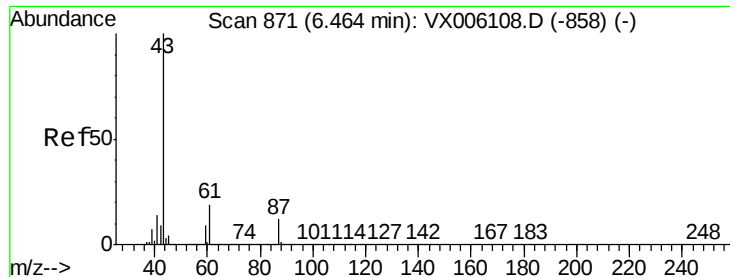
Tot Ion:117 Resp: 25295
Ion Ratio Lower Upper
117 100
119 6.0 76.3 114.5#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 0.538 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 78 Resp: 5807
Ion Ratio Lower Upper
78 100
77 24.9 18.8 28.2





#43

Isopropyl Acetate

Concen: 1.035 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

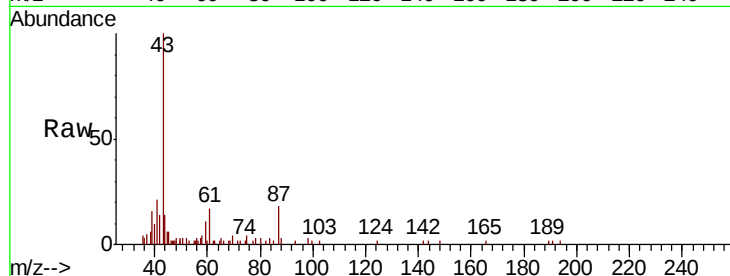
Tot Ion: 43 Resp: 7042

Ion Ratio Lower Upper

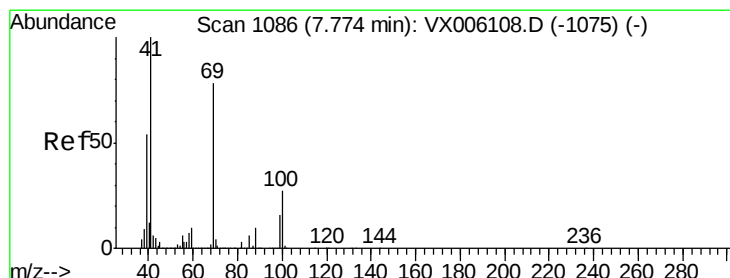
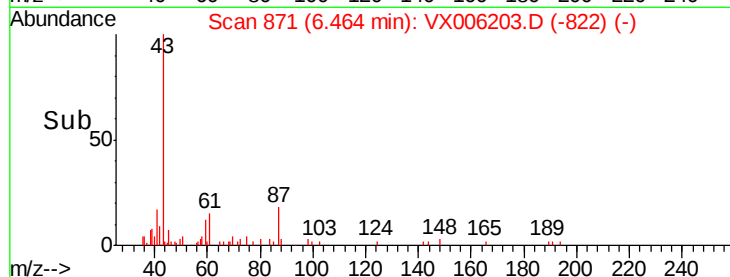
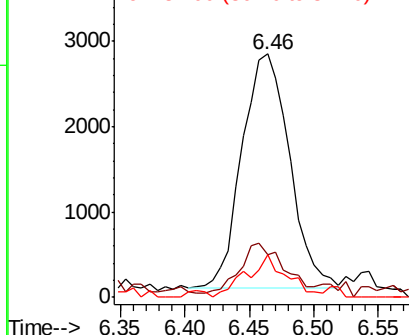
43 100

61 18.7 15.2 22.8

87 15.3 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: 1.846 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

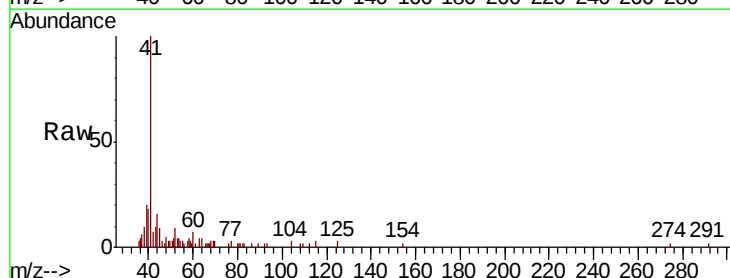
Tgt Ion: 41 Resp: 6374

Ion Ratio Lower Upper

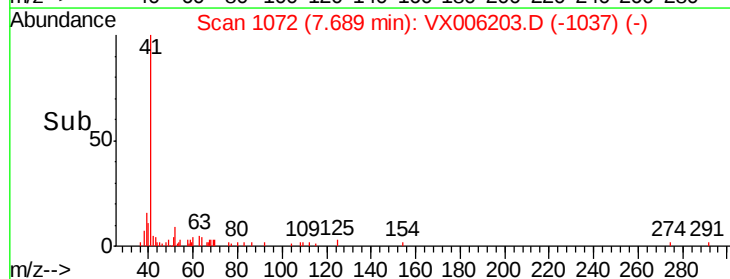
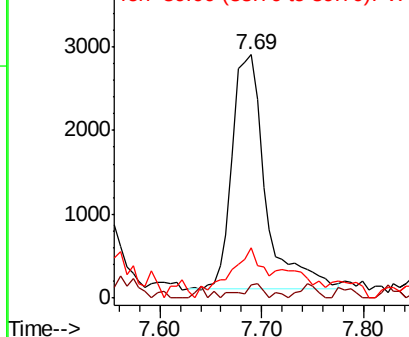
41 100

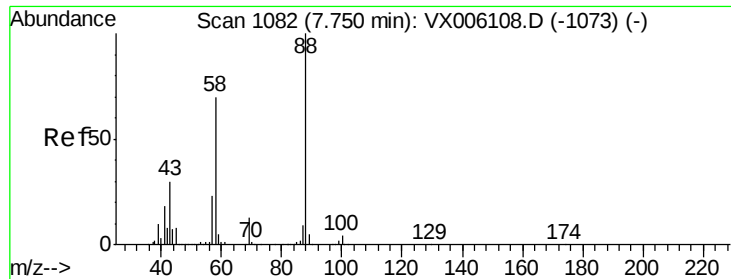
69 3.8 62.8 94.2#

39 21.1 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

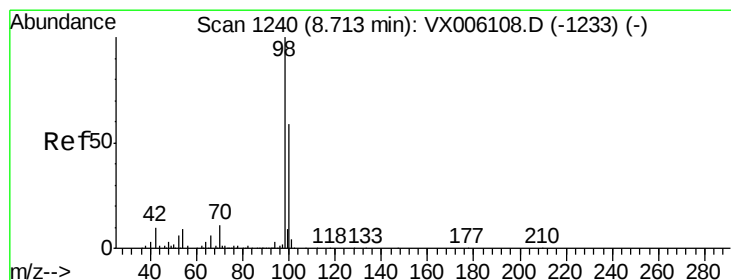
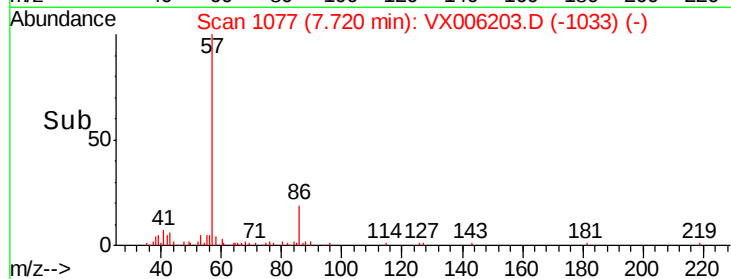
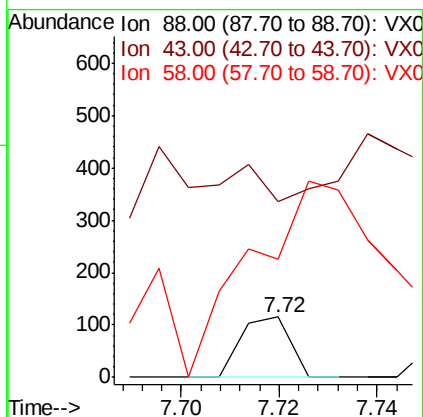
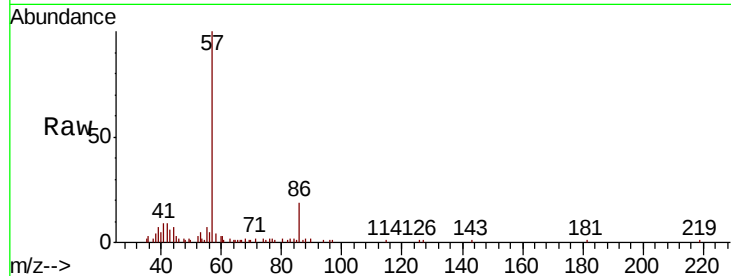




#49
 1,4-Dioxane
 Concen: 0.977 ug/l
 RT: 7.72 min Scan# 1077
 Delta R.T. -0.03 min
 Lab File: VX006203.D
 Acq: 27 Nov 2018 04:31

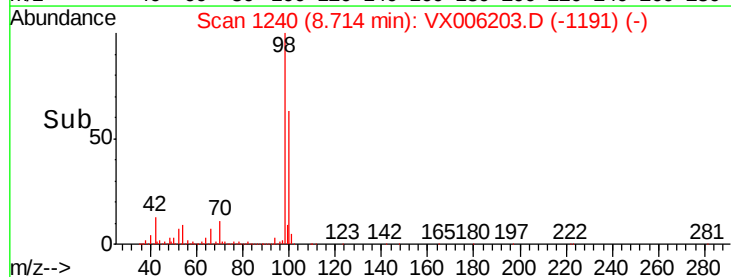
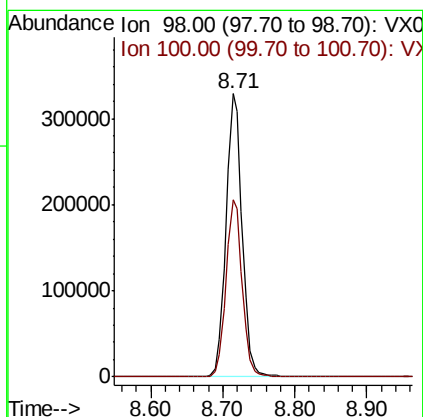
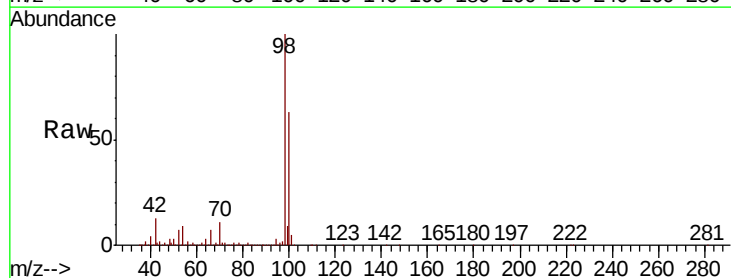
Instrument :
 MSVOA_X
 ClientSampleId :
 PB115023ZHE#06

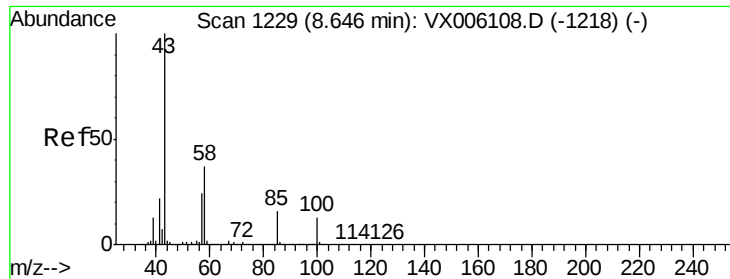
Tot Ion: 88 Resp: 80
 Ion Ratio Lower Upper
 88 100
 43 0.0 26.7 40.1#
 58 1000.0 58.5 87.7#



#50
 Toluene-d8
 Concen: 52.197 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006203.D
 Acq: 27 Nov 2018 04:31

Tgt Ion: 98 Resp: 514632
 Ion Ratio Lower Upper
 98 100
 100 62.8 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 8.864 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

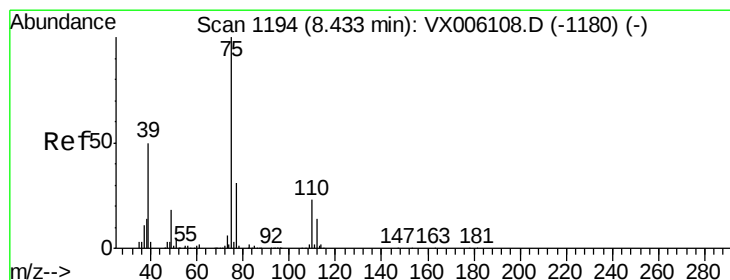
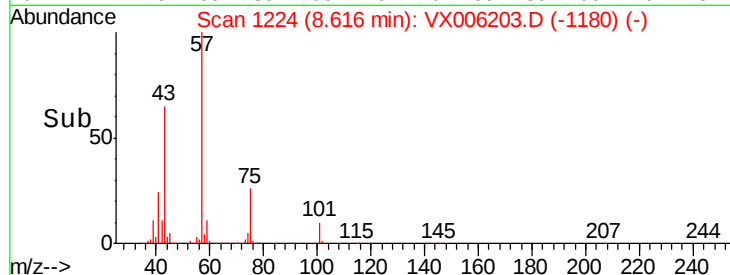
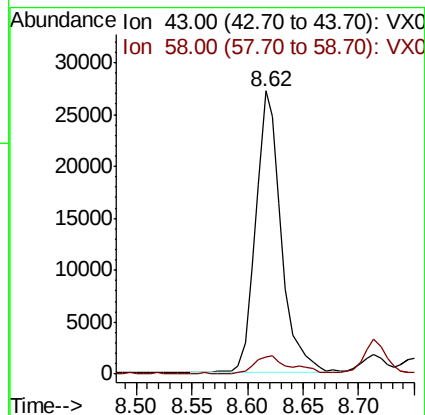
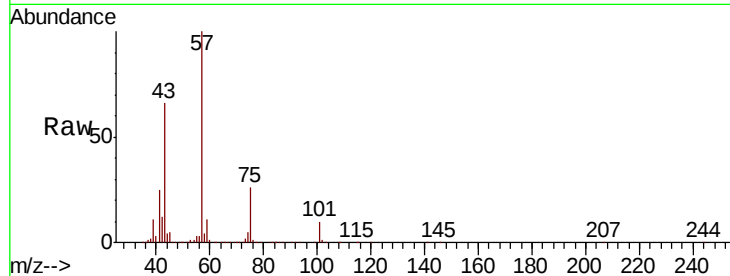
PB115023ZHE#06

Tot Ion: 43 Resp: 43253

Ion Ratio Lower Upper

43 100

58 9.7 29.9 44.9#



#54

cis-1,3-Dichloropropene

Concen: 4.355 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.19 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

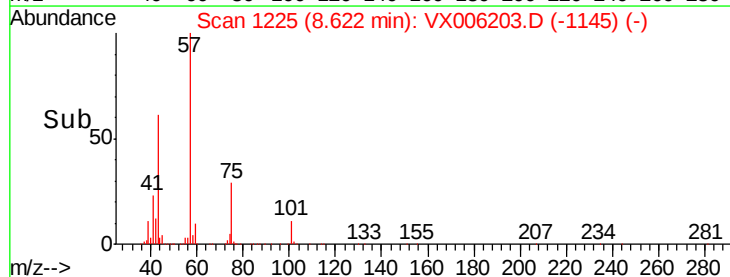
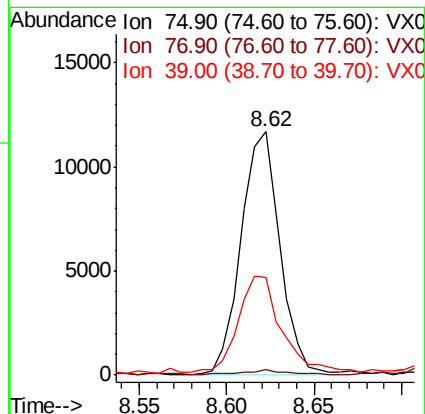
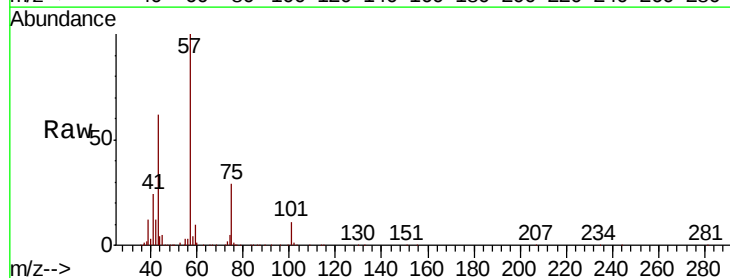
Tgt Ion: 75 Resp: 18175

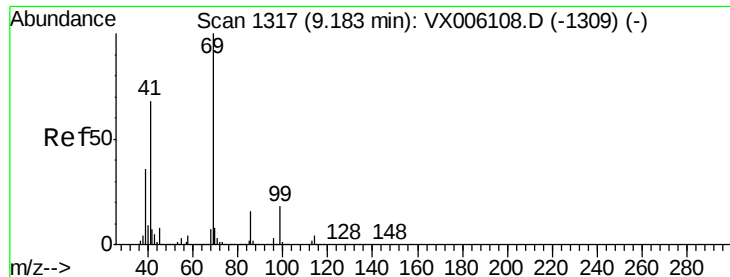
Ion Ratio Lower Upper

75 100

77 2.0 24.7 37.1#

39 39.1 40.3 60.5#





#56

Ethyl methacrylate

Concen: 2.913 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

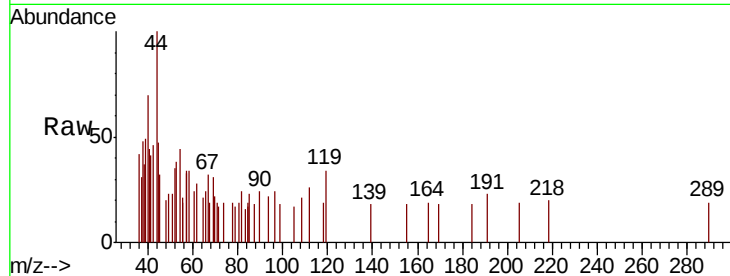
Tot Ion: 69 Resp: 228

Ion Ratio Lower Upper

69 100

41 315.4 56.2 84.4#

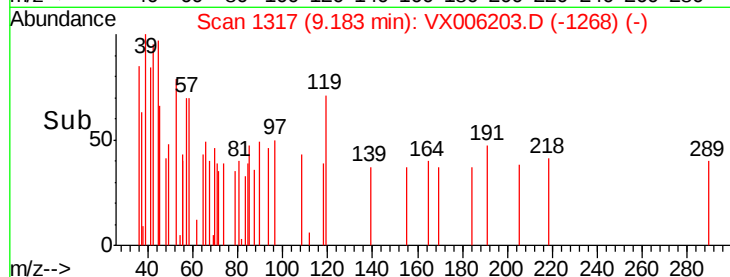
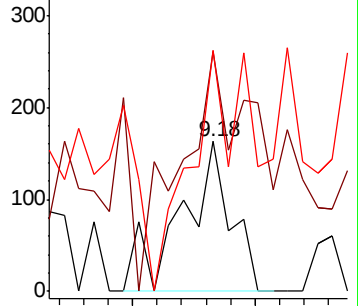
39 184.6 29.4 44.0#



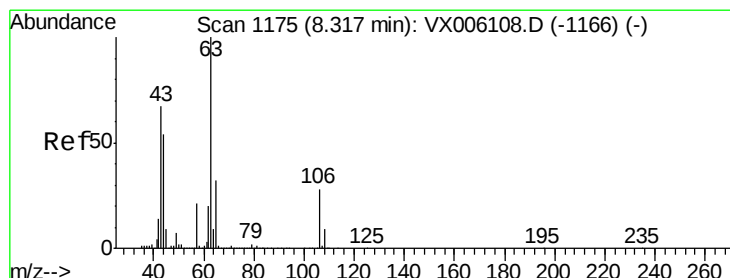
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 6.751 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX006203.D

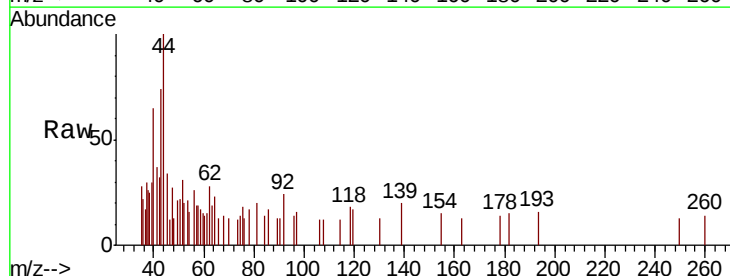
Acq: 27 Nov 2018 04:31

Tgt Ion: 63 Resp: 75

Ion Ratio Lower Upper

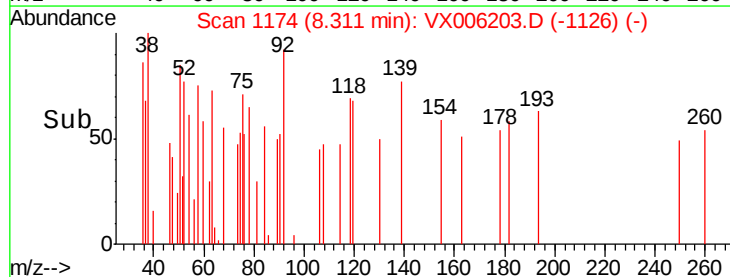
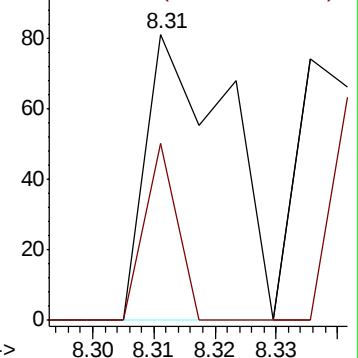
63 100

106 24.0 21.7 32.5

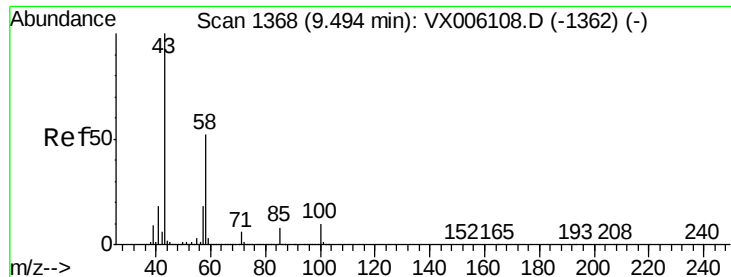


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



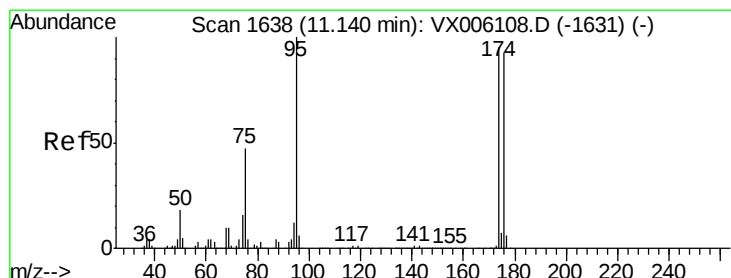
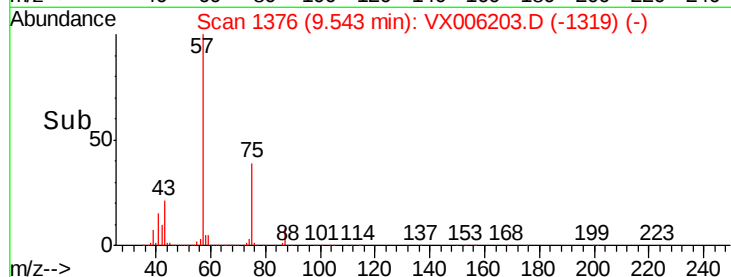
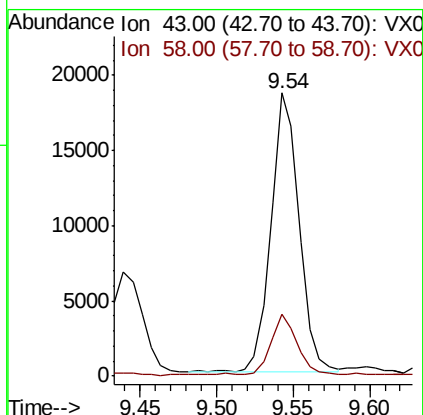
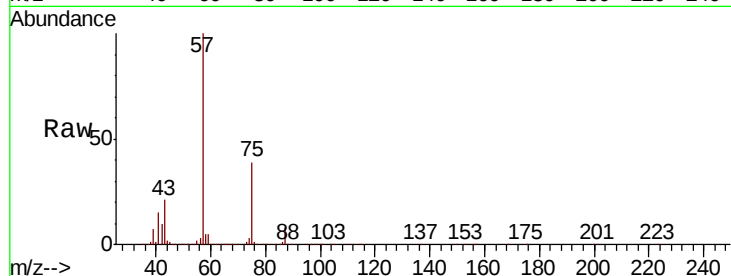
Time-->



#59
2-Hexanone
Concen: 6.146 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

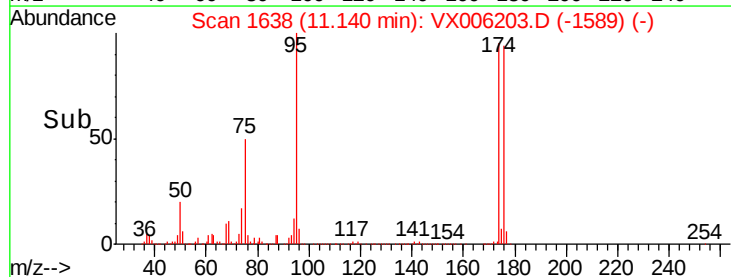
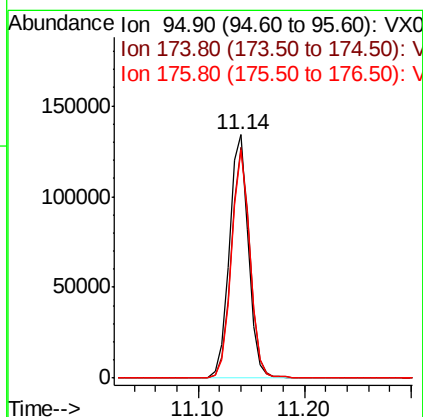
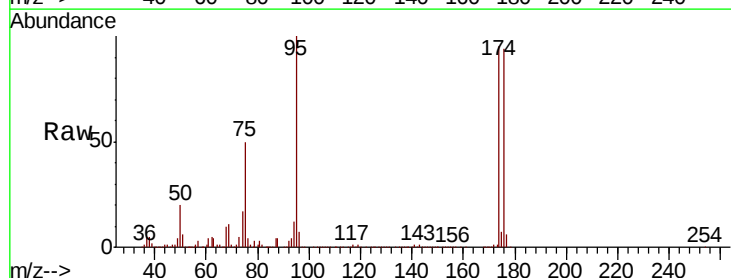
Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#06

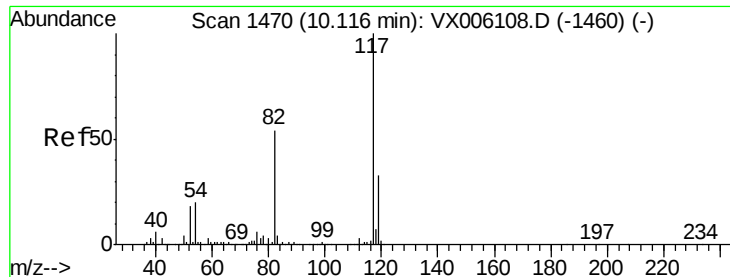
Tot Ion: 43 Resp: 23800
Ion Ratio Lower Upper
43 100
58 20.5 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 45.799 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion: 95 Resp: 169422
Ion Ratio Lower Upper
95 100
174 92.3 0.0 184.4
176 90.6 0.0 179.0

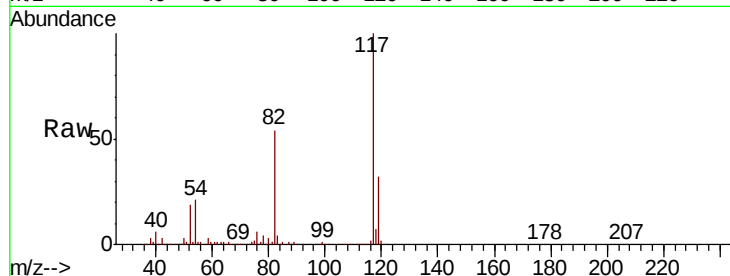




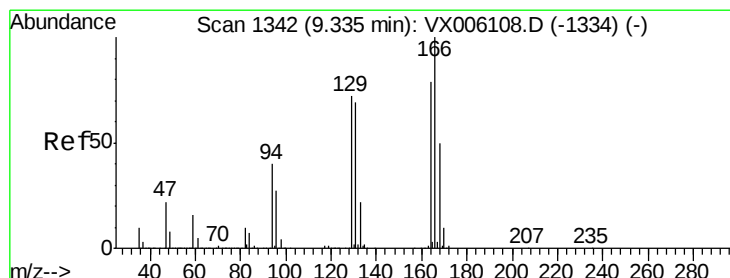
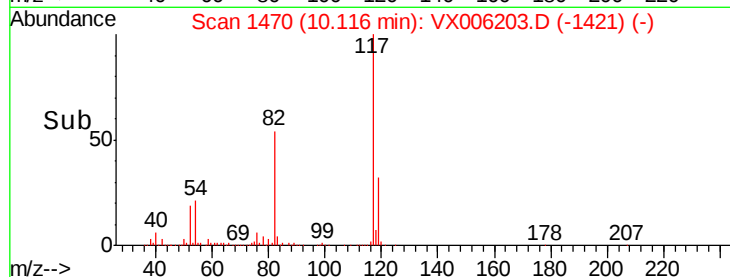
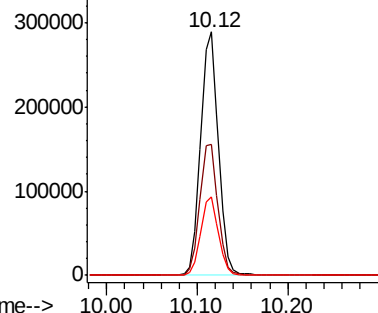
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Instrument :
MSVOA_X
ClientSampleId :
PB115023ZHE#06

Tot Ion:117 Resp: 393779
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.2 26.1 39.1



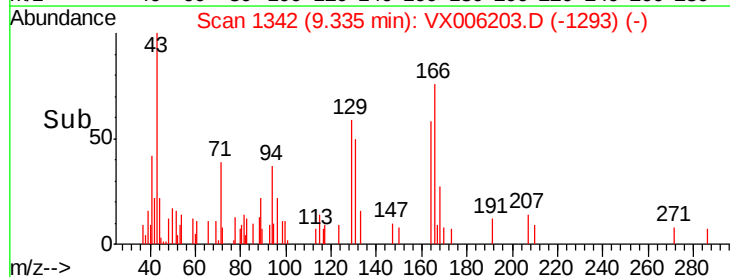
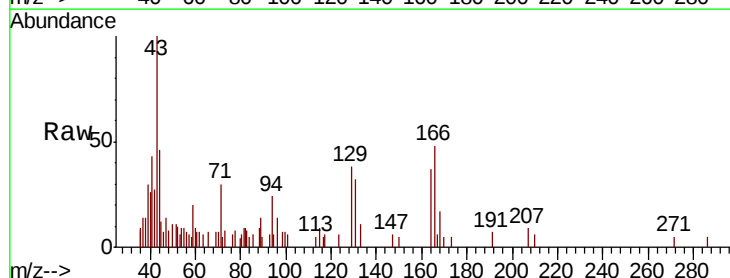
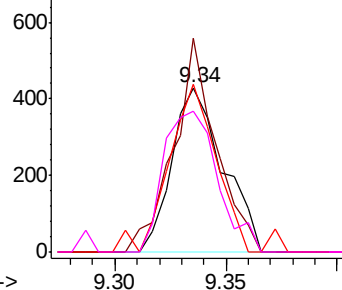
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

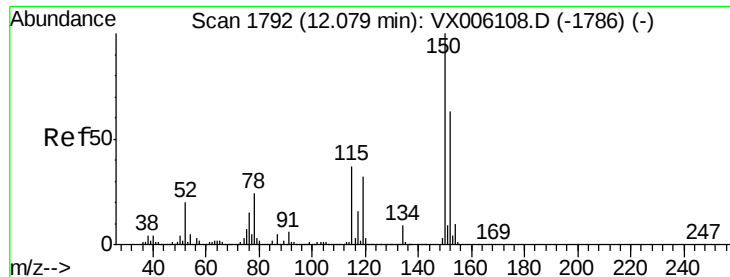


#64
Tetrachloroethene
Concen: 0.211 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006203.D
Acq: 27 Nov 2018 04:31

Tgt Ion:164 Resp: 684
Ion Ratio Lower Upper
164 100
166 130.4 101.5 152.3
129 89.0 73.4 110.0
131 86.2 70.2 105.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

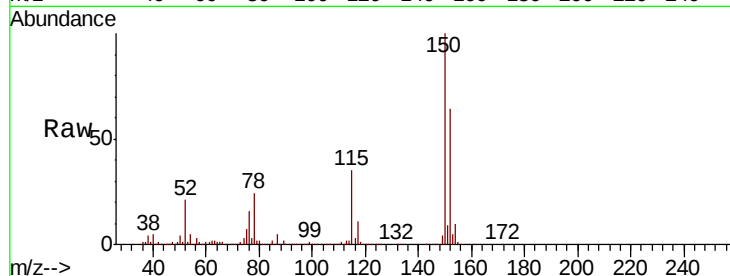
Tot Ion:152 Resp: 185275

Ion Ratio Lower Upper

152 100

115 55.1 39.0 116.9

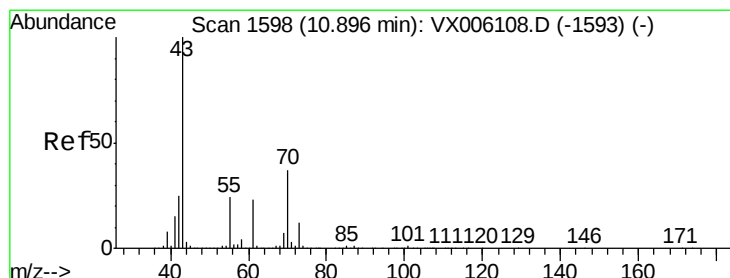
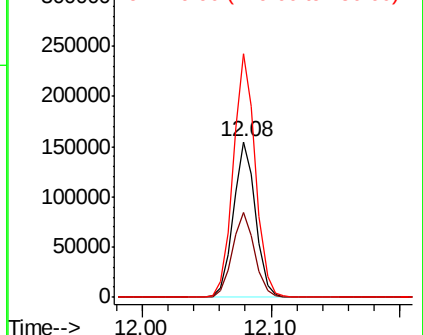
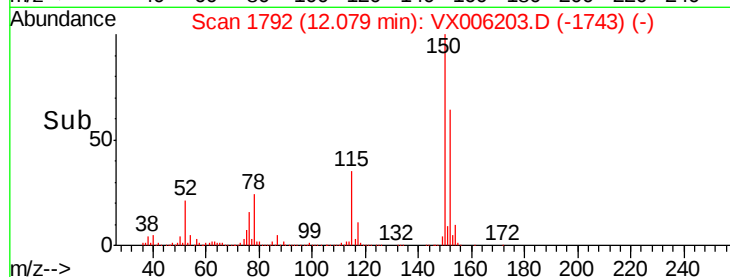
150 156.4 0.0 346.6



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: 2.200 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Tgt Ion: 43 Resp: 43

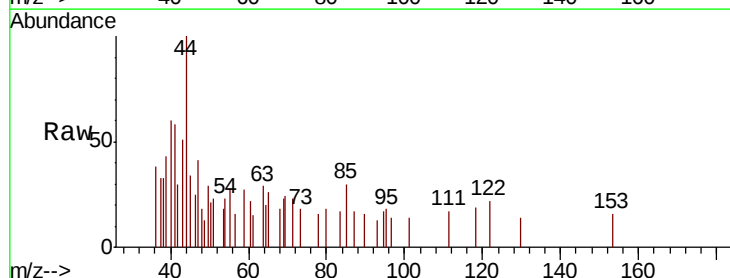
Ion Ratio Lower Upper

43 100

70 237.2 31.8 47.6#

55 330.2 19.5 29.3#

61 0.0 18.6 27.8#

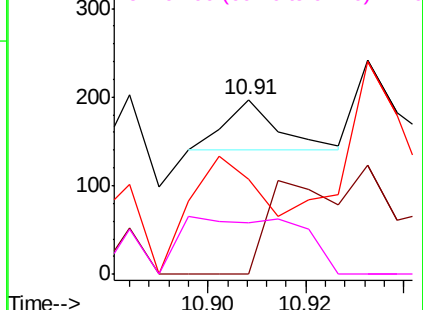
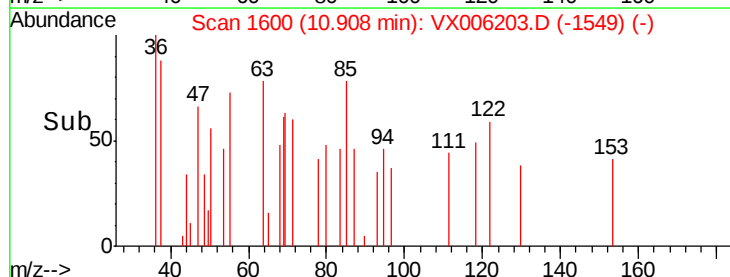


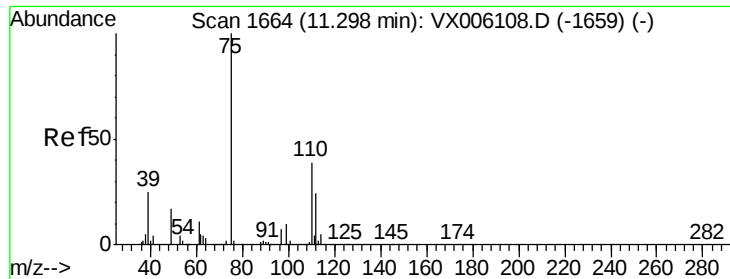
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 23.121 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

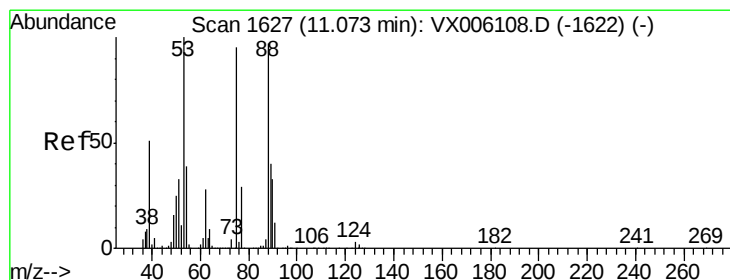
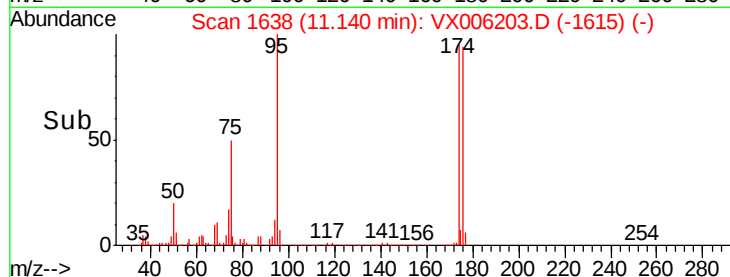
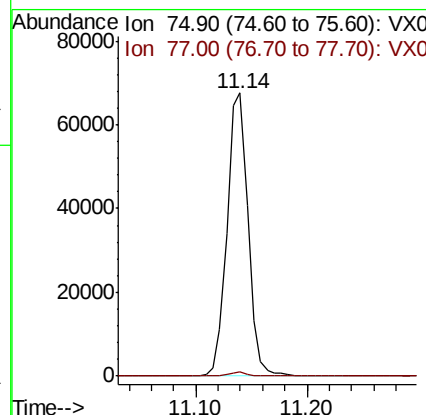
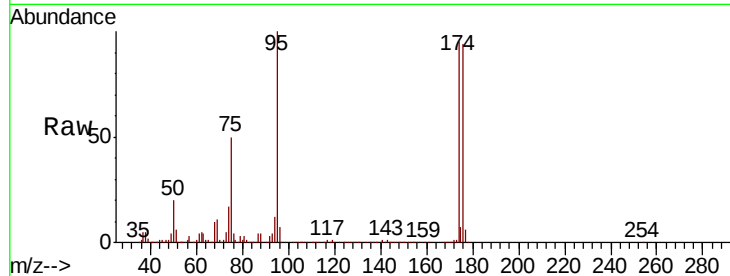
PB115023ZHE#06

Tot Ion: 75 Resp: 88192

Ion Ratio Lower Upper

75 100

77 1.5 19.6 58.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.199 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

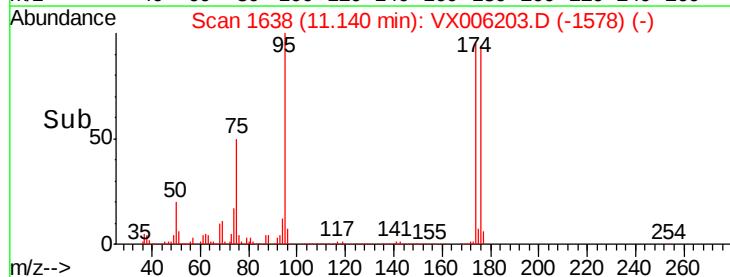
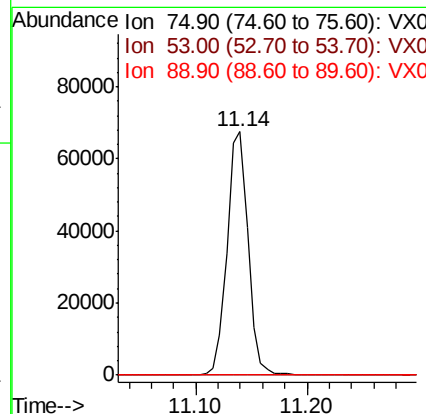
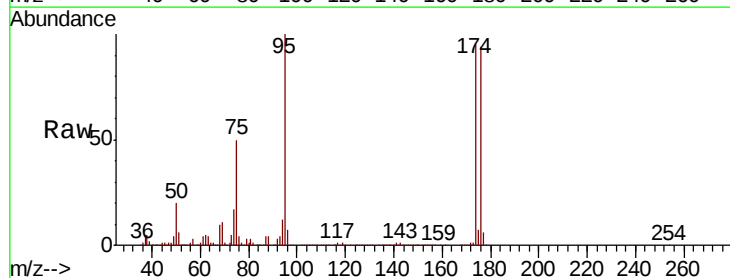
Tgt Ion: 75 Resp: 88192

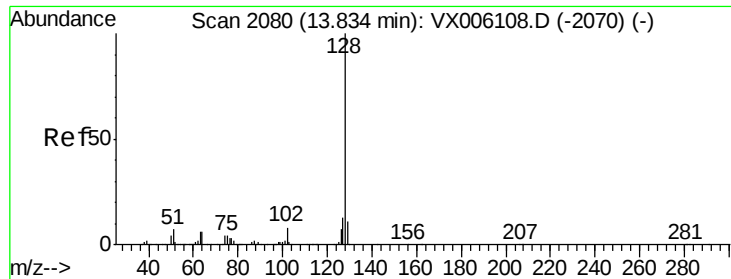
Ion Ratio Lower Upper

75 100

53 0.3 85.3 127.9#

89 0.2 37.2 55.8#





#95

Naphthalene

Concen: 1.567 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006203.D

Acq: 27 Nov 2018 04:31

Instrument :

MSVOA_X

ClientSampleId :

PB115023ZHE#06

Tot Ion:128 Resp: 19218

Ion Ratio Lower Upper

128 100

127 14.6 10.6 15.8

129 11.6 8.8 13.2

