

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003468.D
 Acq On : 19 Jul 2018 16:07
 Operator : JC/MD
 Sample : I.BLANK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLANK

Quant Time: Jul 20 03:57:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	330023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	471139	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	253225	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	185080	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	
35) Dibromofluoromethane	5.50	113	177384	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	8.71	98	659850	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.14	95	230701	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	333	Below Cal		97
3) Chloromethane	1.32	50	1357	Below Cal		98
5) Bromomethane	1.66	94	2293	Below Cal		90
10) Methyl Iodide	2.53	142	1258	0.29	ug/l #	91
13) Acrolein	2.29	56	440	1.26	ug/l #	63
15) Acrylonitrile	3.14	53	1217	0.62	ug/l #	91
16) Acetone	2.45	43	966	0.65	ug/l #	86
17) Carbon Disulfide	2.57	76	6725	0.74	ug/l	98
20) Methylene Chloride	2.86	84	1134	Below Cal	#	86
21) trans-1,2-Dichloroethene	3.17	96	1066	0.28	ug/l	96
23) Vinyl Acetate	3.82	43	2127	0.23	ug/l #	78
25) 2-Butanone	4.70	43	691	0.28	ug/l #	71
29) Tetrahydrofuran	5.17	42	542	0.33	ug/l #	75
36) 1,1-Dichloropropene	5.80	75	1313	0.26	ug/l	92
38) Carbon Tetrachloride	5.67	117	27841	5.58	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.32	63	592	0.22	ug/l	92
59) 2-Hexanone	9.50	43	774	0.22	ug/l	88
68) m/p-Xylenes	10.36	106	1719	0.24	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	106096	23.32	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	106096	65.47	ug/l #	7
82) 4-Chlorotoluene	11.52	91	3191	0.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2576	0.28	ug/l	97
88) 1,4-Dichlorobenzene	12.03	146	2576	0.27	ug/l	97
89) n-Butylbenzene	12.39	91	3263	0.25	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	1996	0.22	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	2892	0.43	ug/l	97
94) Hexachlorobutadiene	13.79	225	1912	0.59	ug/l	95
95) Naphthalene	13.84	128	5382	0.31	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	2383	0.36	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

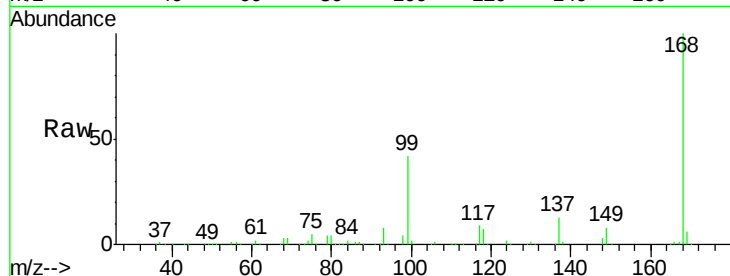
I.BLANK

Tot Ion:168 Resp: 330023

Ion Ratio Lower Upper

168 100

99 42.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

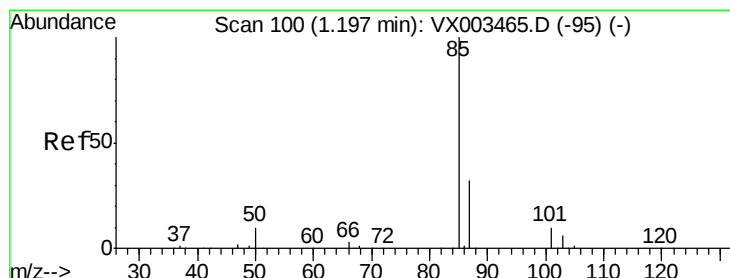
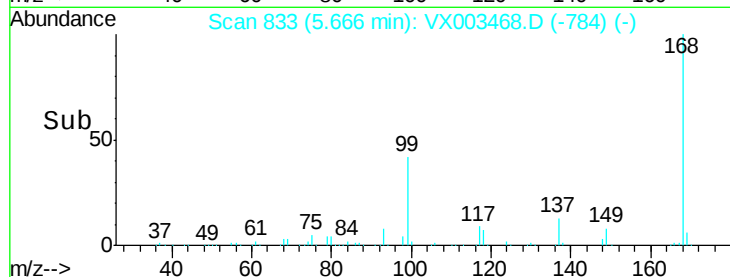
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003468.D

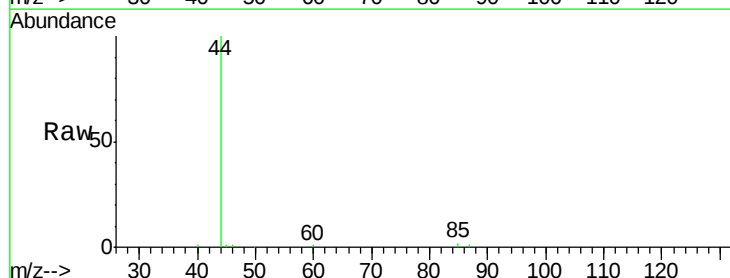
Acq: 19 Jul 2018 16:07

Tgt Ion: 85 Resp: 333

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

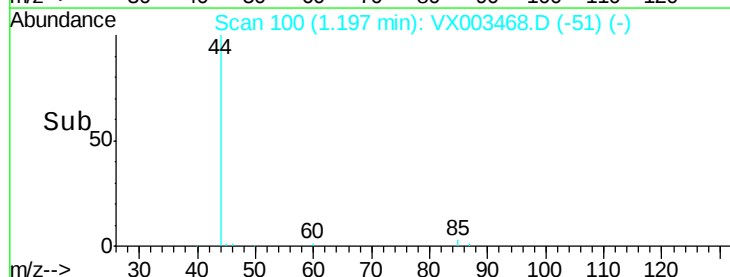
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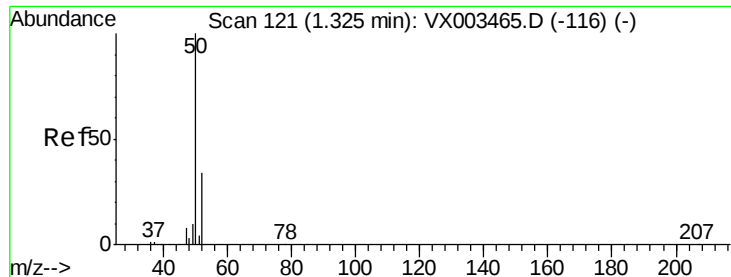
200

100

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

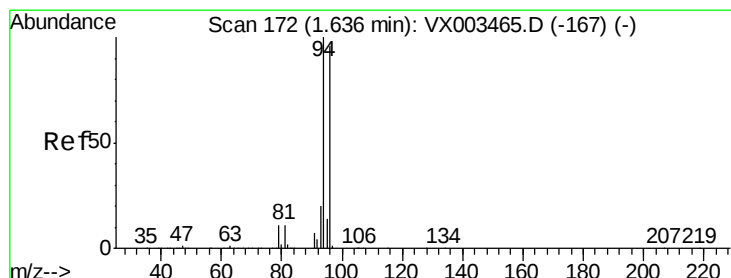
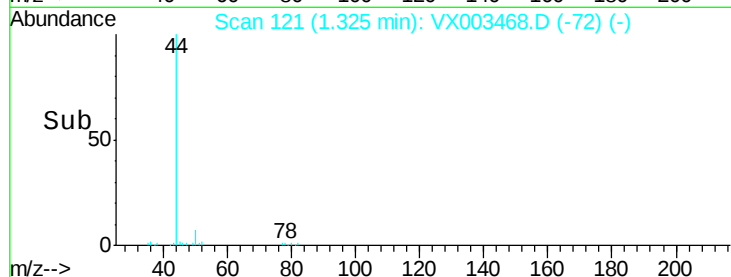
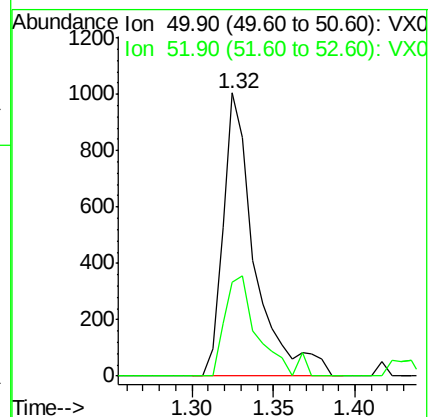
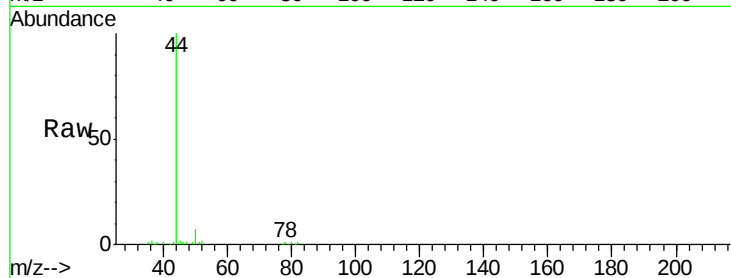
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Tot Ion: 50 Resp: 1357

Ion Ratio Lower Upper

50 100

52 33.1 25.7 38.5



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX003468.D

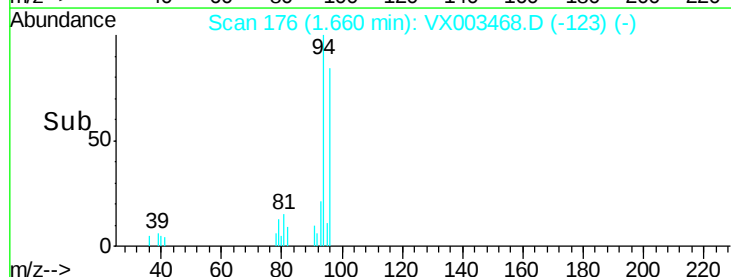
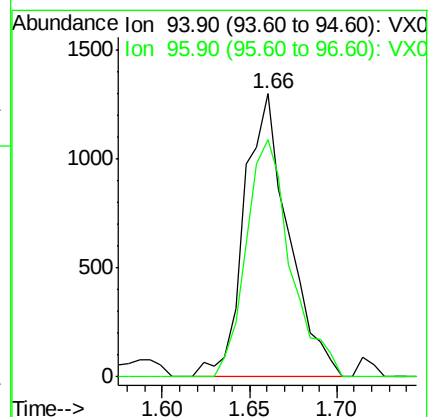
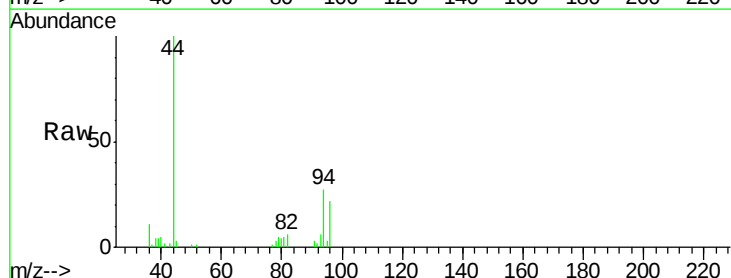
Acq: 19 Jul 2018 16:07

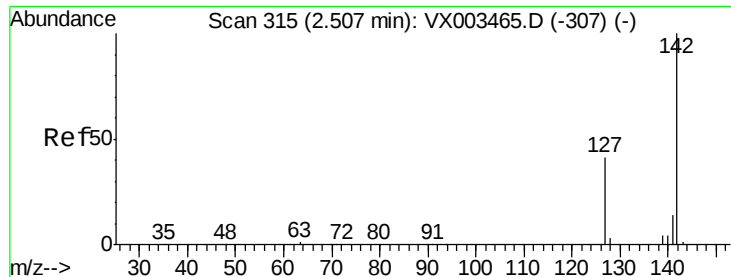
Tgt Ion: 94 Resp: 2293

Ion Ratio Lower Upper

94 100

96 84.0 74.9 112.3

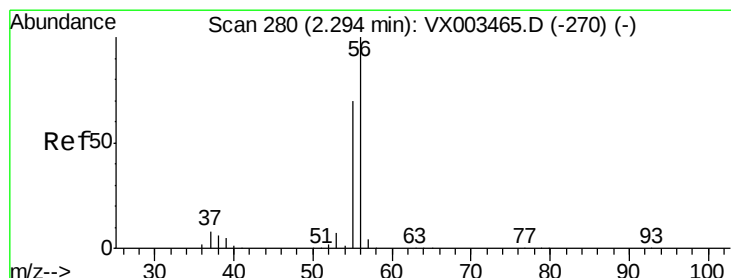
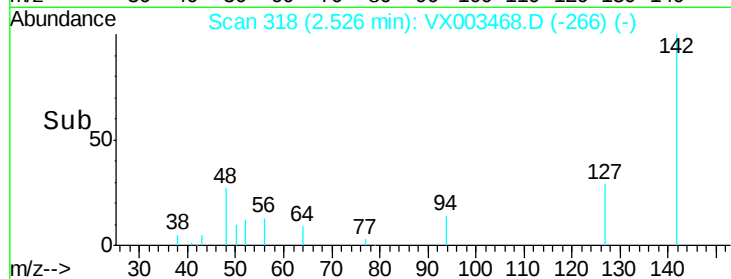
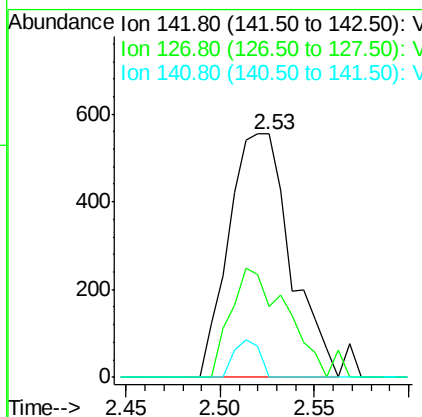
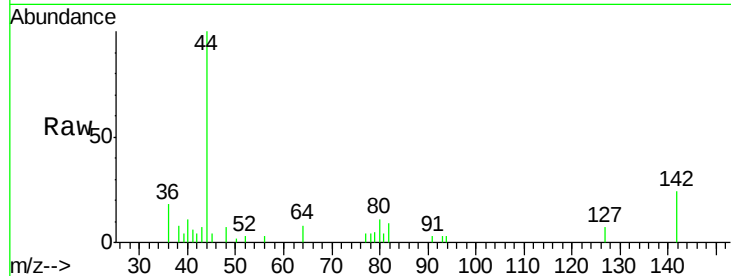




#10
Methvl Iodide
Concen: 0.29 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

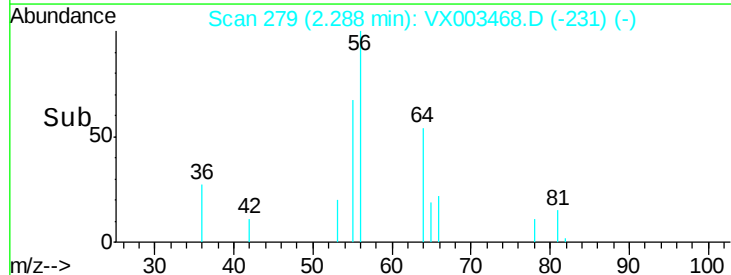
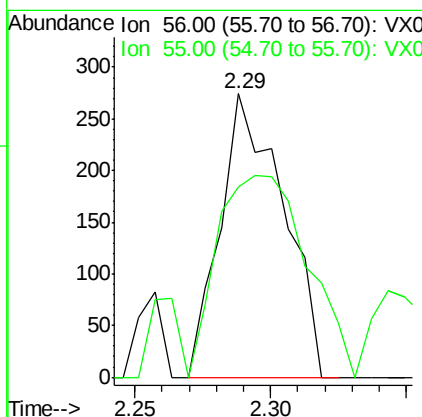
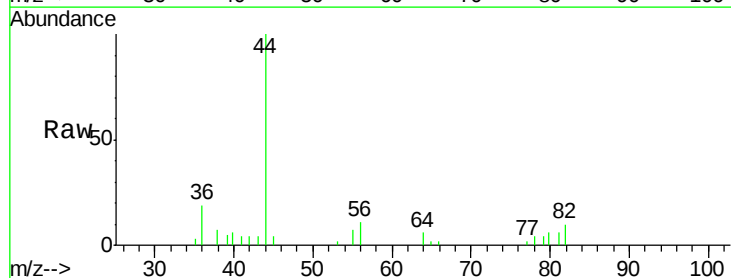
Instrument :
MSVOA_X
ClientSampleId :
I.BLANK

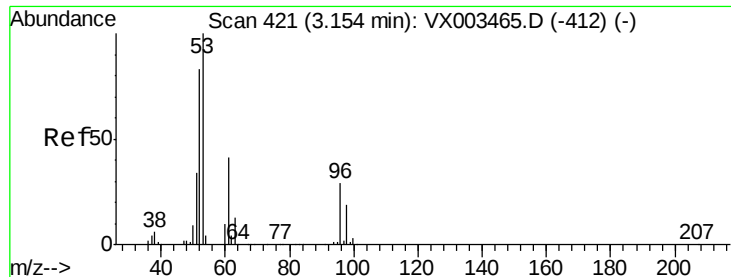
Tot Ion:142 Resp: 1258
Ion Ratio Lower Upper
142 100
127 41.9 36.6 55.0
141 6.4 11.3 16.9#



#13
Acrolein
Concen: 1.26 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Tgt Ion: 56 Resp: 440
Ion Ratio Lower Upper
56 100
55 101.8 57.0 85.4#





#15

Acrylonitrile

Concen: 0.62 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

I.BLANK

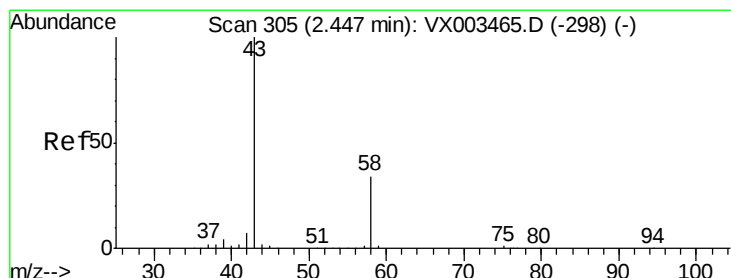
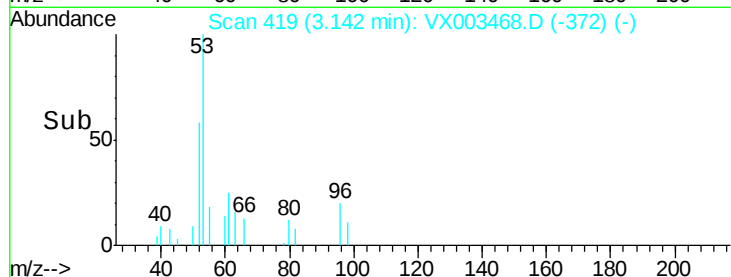
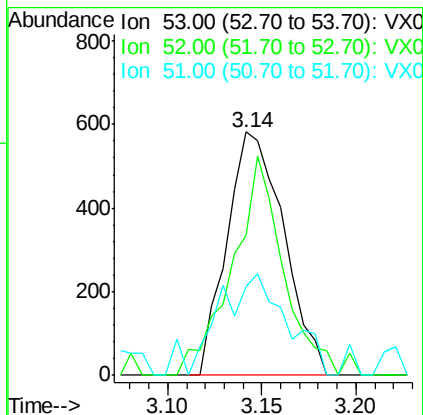
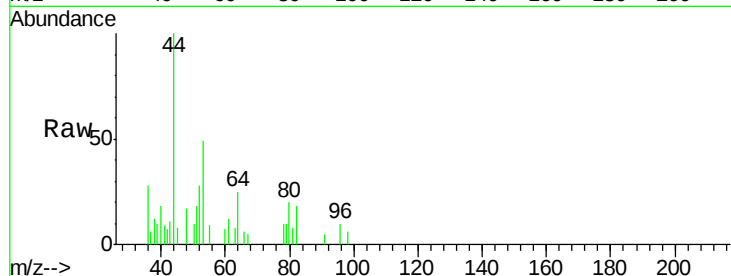
Tot Ion: 53 Resp: 1217

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

51 51.9 29.9 44.9#



#16

Acetone

Concen: 0.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003468.D

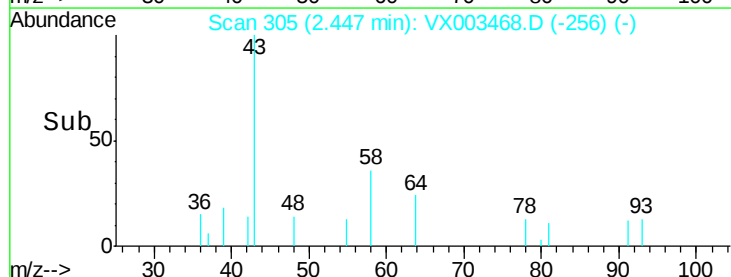
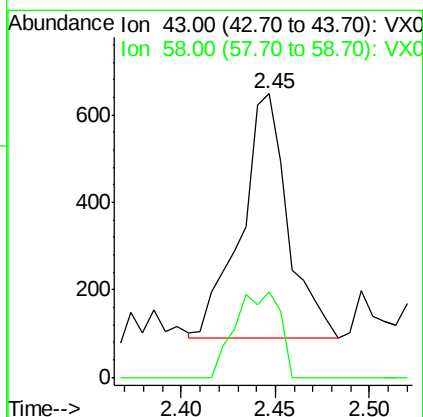
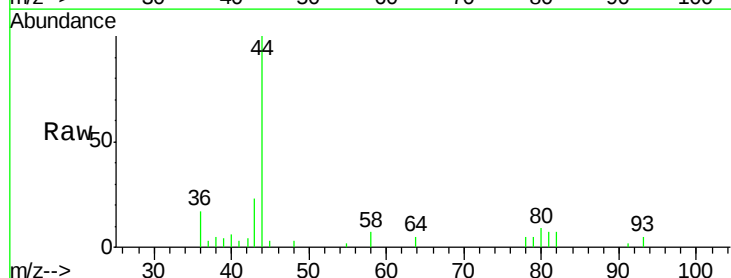
Acq: 19 Jul 2018 16:07

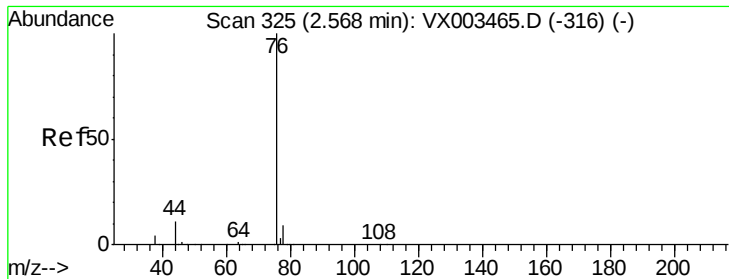
Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 34.9 22.1 33.1#

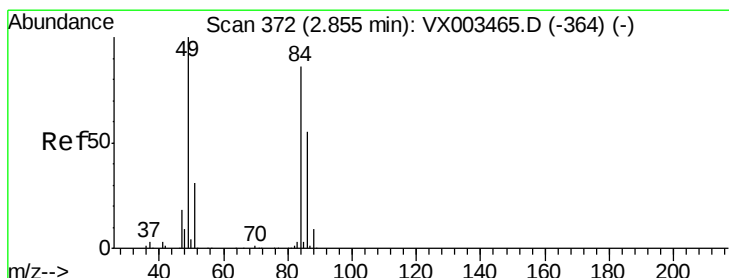
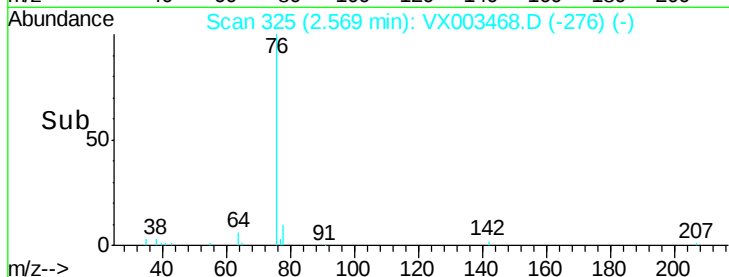
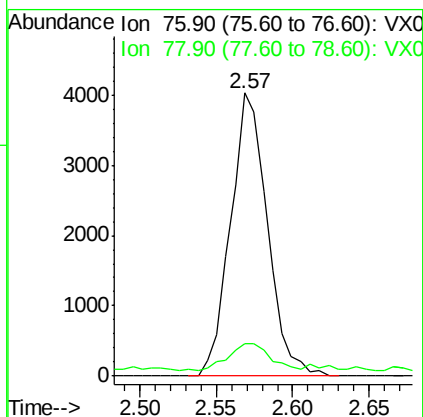
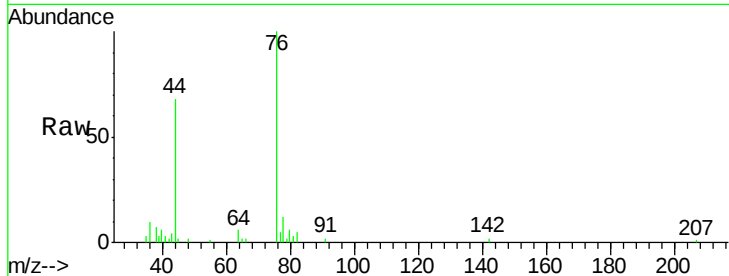




#17
Carbon Disulfide
Concen: 0.74 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

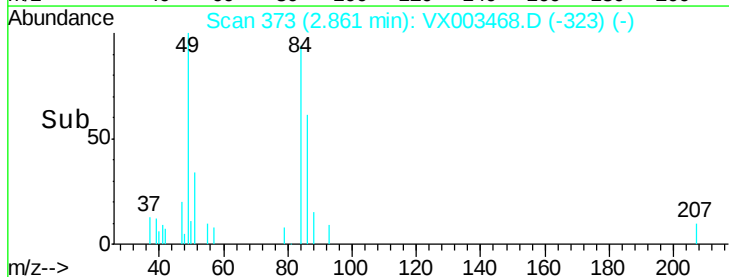
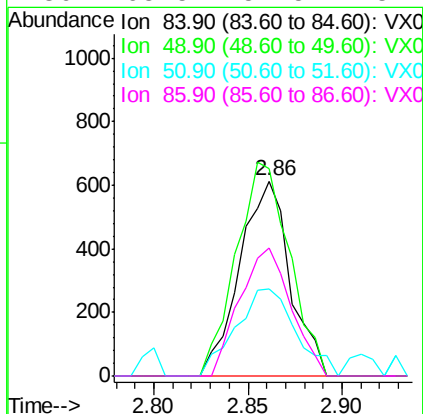
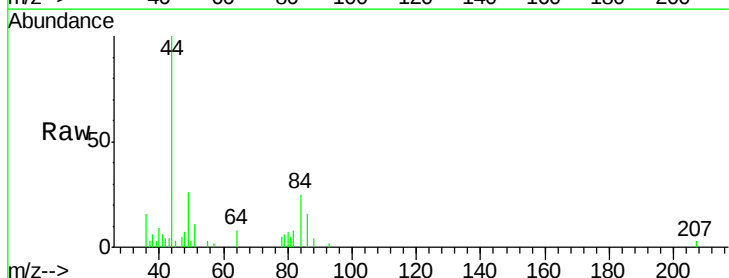
Instrument :
MSVOA_X
ClientSampleId :
I.BLANK

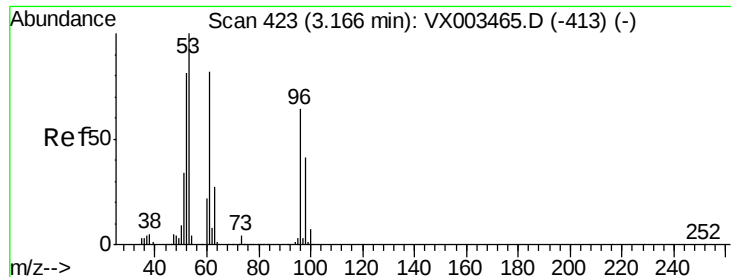
Tot Ion: 76 Resp: 6725
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Tgt Ion: 84 Resp: 1134
Ion Ratio Lower Upper
84 100
49 106.5 107.8 161.6#
51 44.8 32.8 49.2
86 65.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 0.28 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

I.BLANK

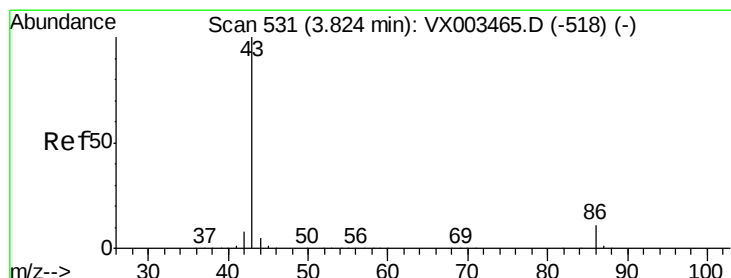
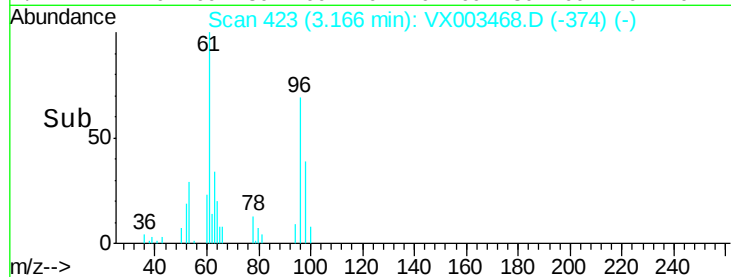
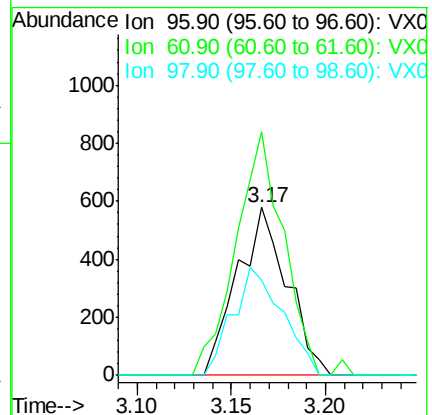
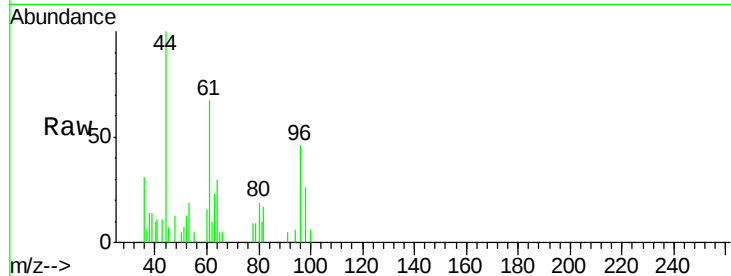
Tot Ion: 96 Resp: 1066

Ion Ratio Lower Upper

96 100

61 144.9 117.0 175.4

98 56.3 52.4 78.6



#23

Vinyl Acetate

Concen: 0.23 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003468.D

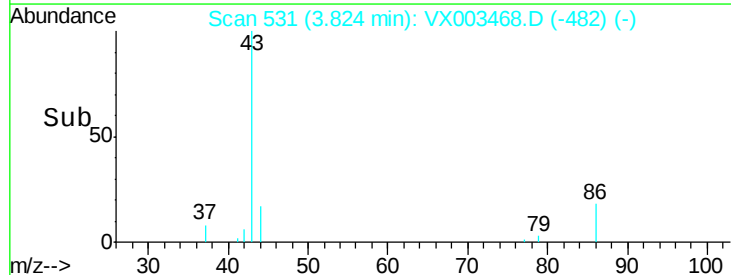
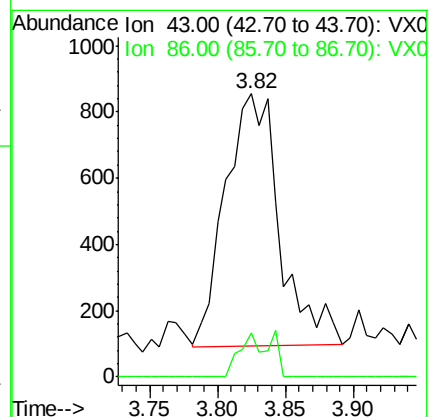
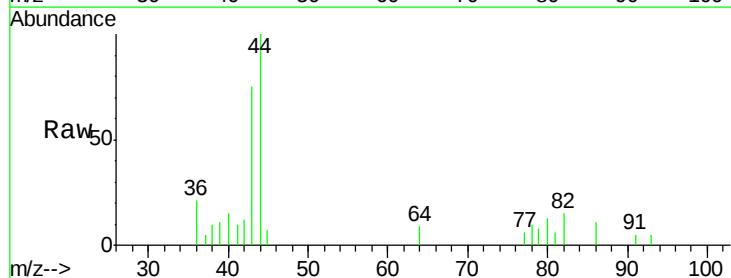
Acq: 19 Jul 2018 16:07

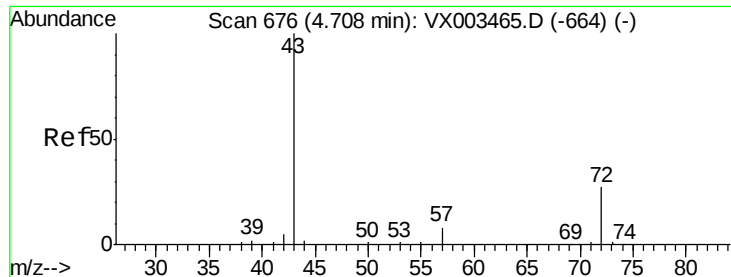
Tgt Ion: 43 Resp: 2127

Ion Ratio Lower Upper

43 100

86 17.3 7.4 11.0#





#25

2-Butanone

Concen: 0.28 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

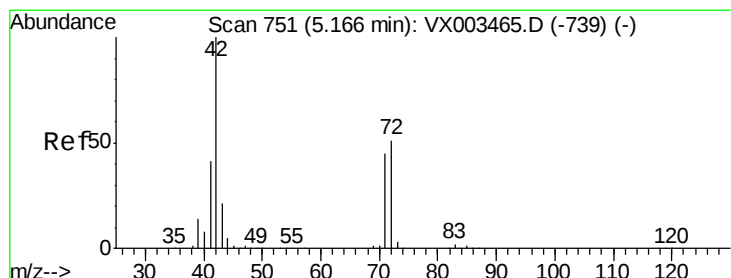
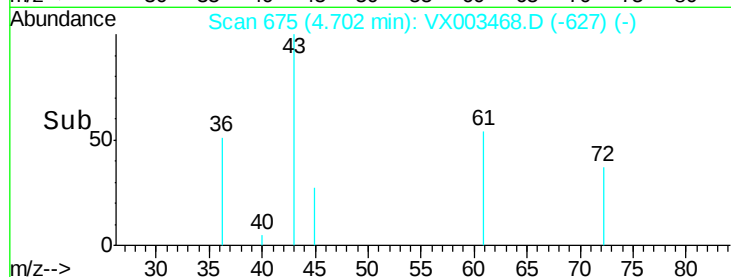
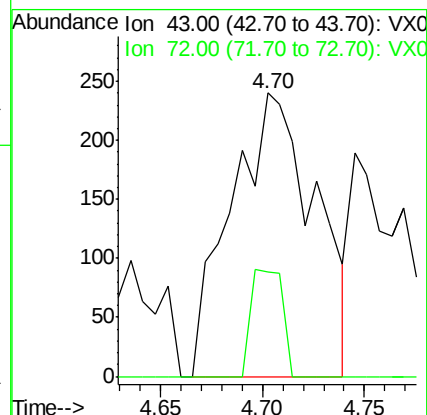
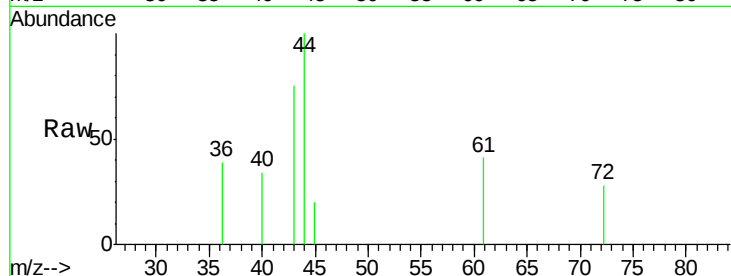
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Tot Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

72 37.1 18.5 27.7#



#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

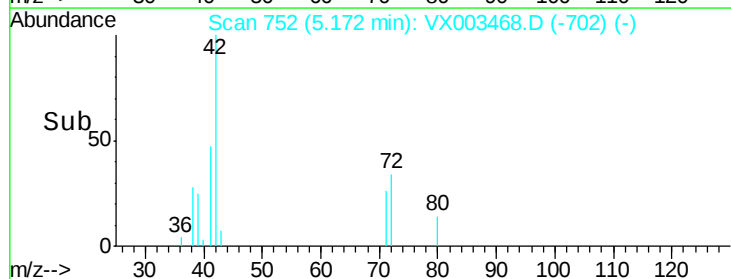
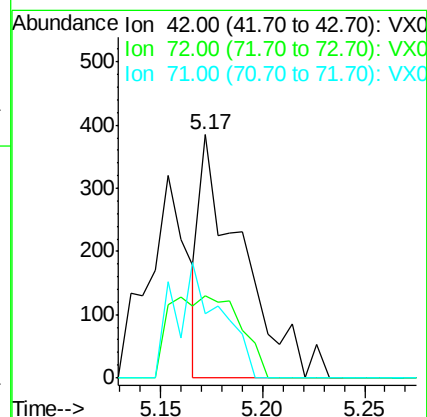
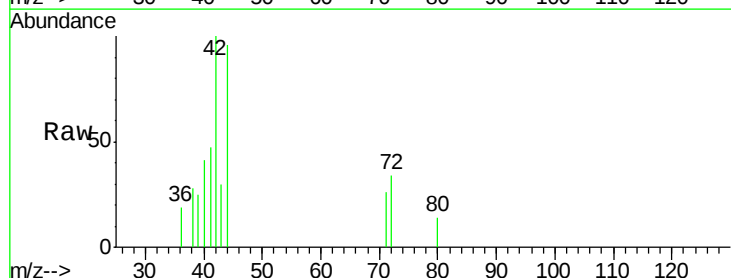
Tgt Ion: 42 Resp: 542

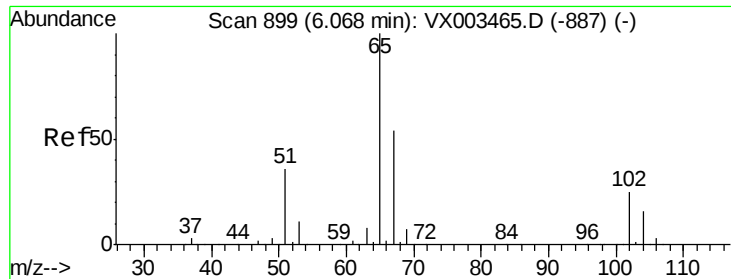
Ion Ratio Lower Upper

42 100

72 24.2 32.0 48.0#

71 52.2 30.1 45.1#

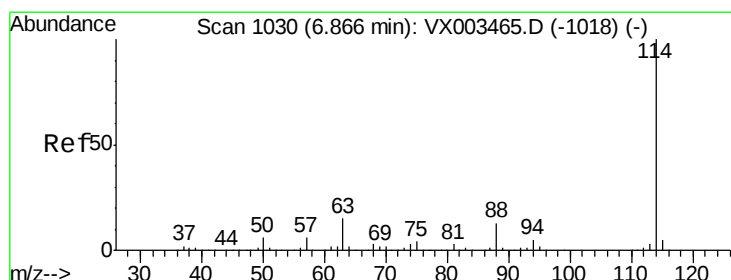
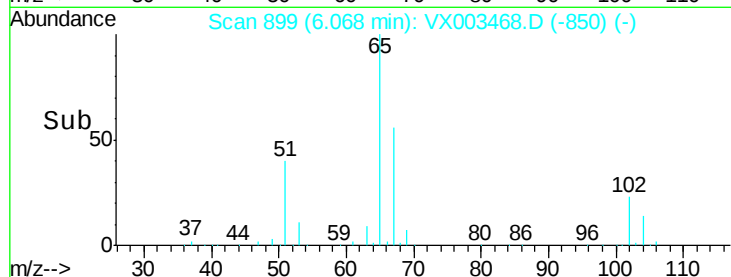
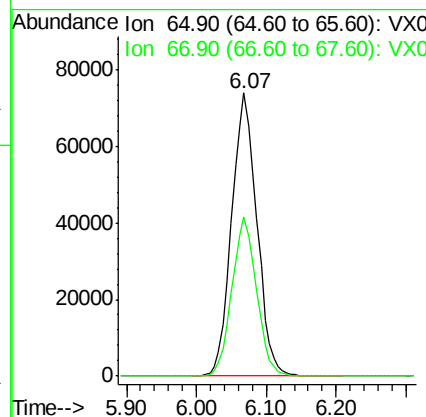
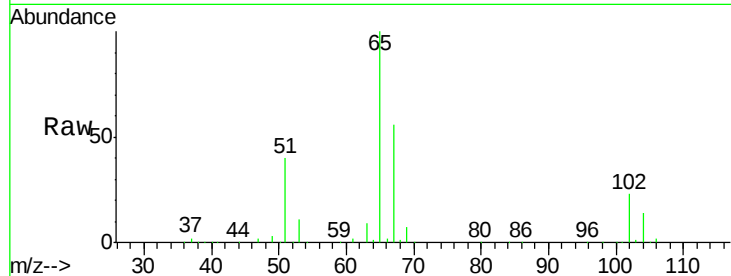




#33
 1,2-Dichloroethane-d4
 Concen: 47.38 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

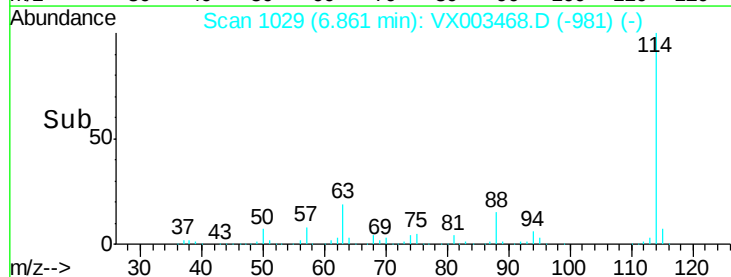
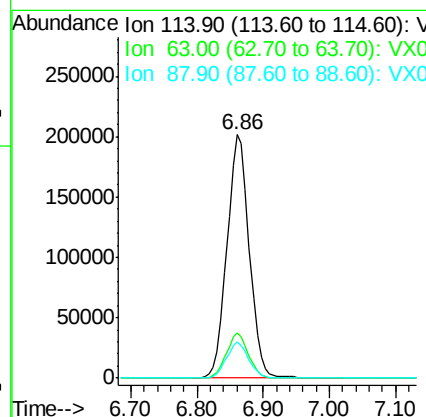
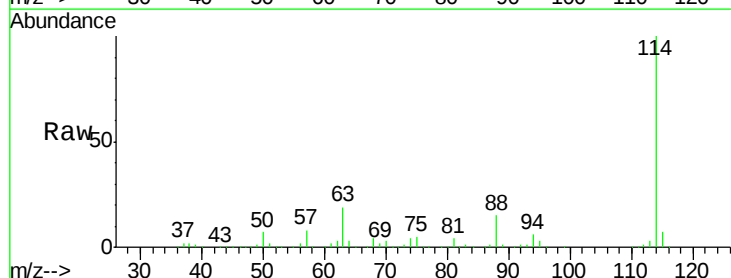
Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLANK

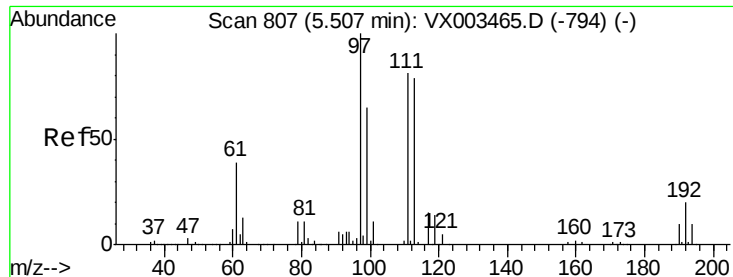
Tot Ion: 65 Resp: 185080
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

Tgt Ion: 114 Resp: 471139
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

I.BLANK

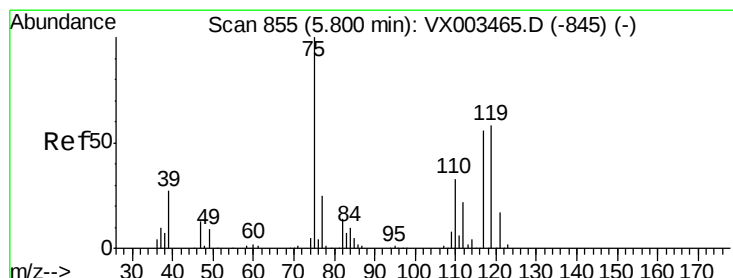
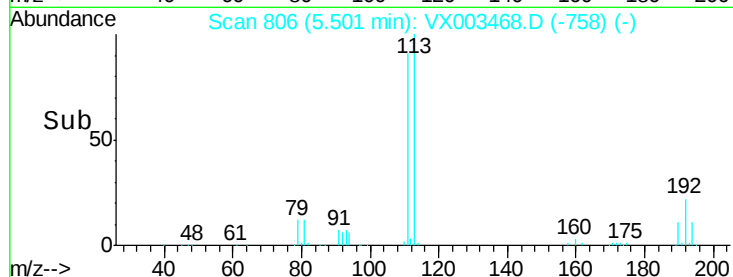
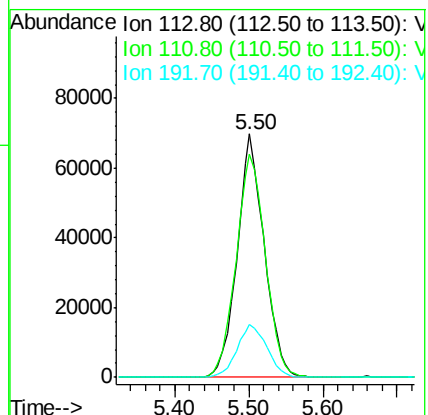
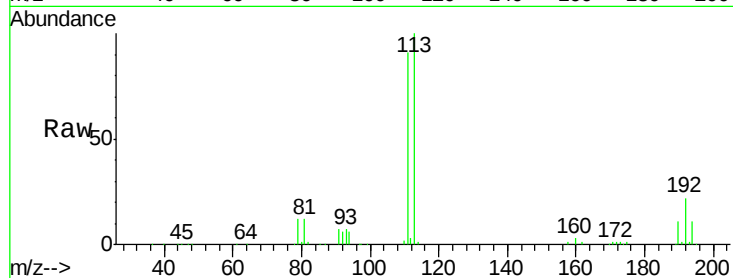
Tot Ion:113 Resp: 177384

Ion Ratio Lower Upper

113 100

111 99.7 81.4 122.0

192 24.1 19.1 28.7



#36

1,1-Dichloropropene

Concen: 0.26 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

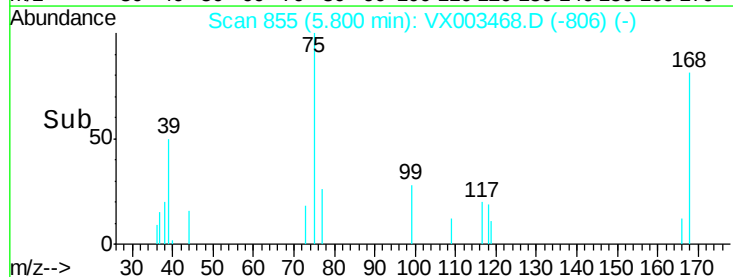
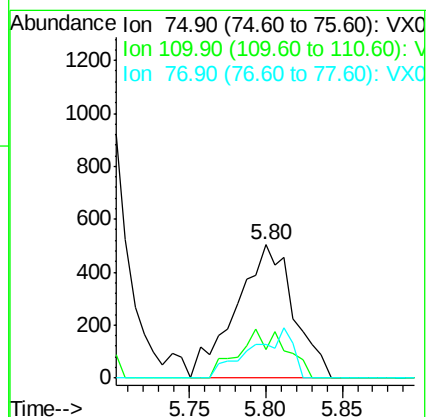
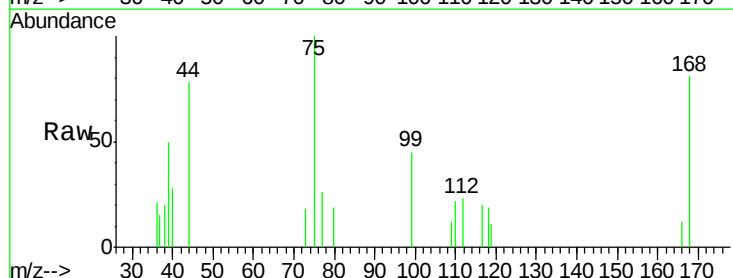
Tgt Ion: 75 Resp: 1313

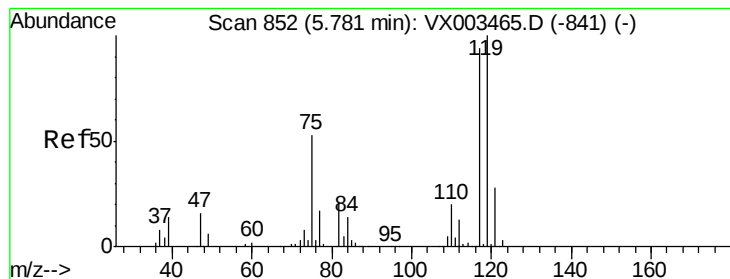
Ion Ratio Lower Upper

75 100

110 30.4 18.1 54.4

77 27.2 24.3 36.5





#38

Carbon Tetrachloride

Concen: 5.58 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

I.BLANK

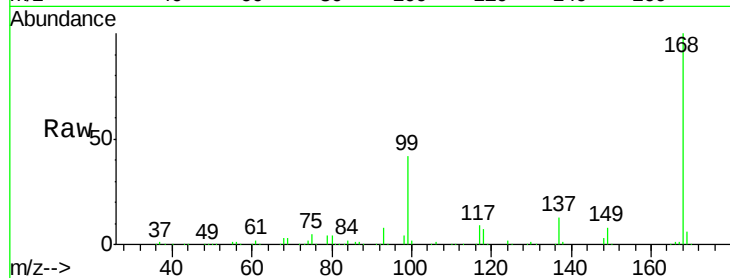
Tot Ion:117 Resp: 27841

Ion Ratio Lower Upper

117 100

119 4.7 77.4 116.0#

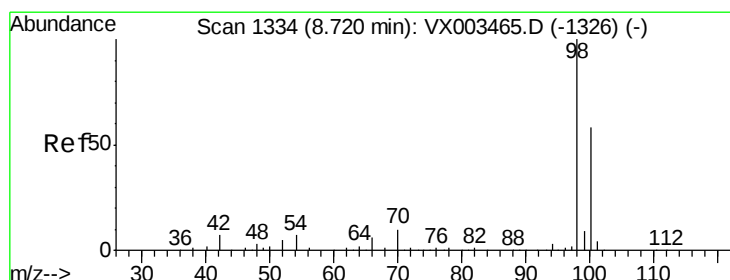
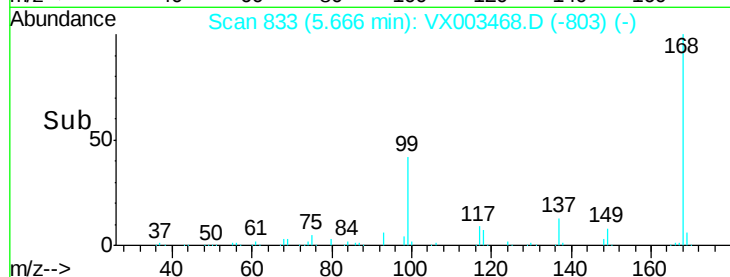
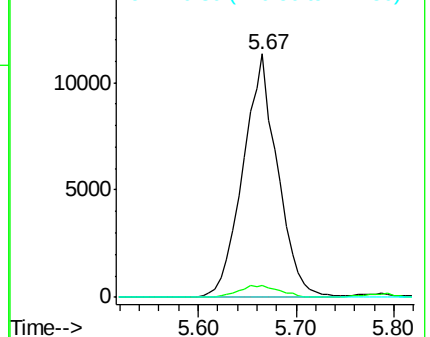
121 0.0 24.4 36.6#



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



#50

Toluene-d8

Concen: 48.92 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003468.D

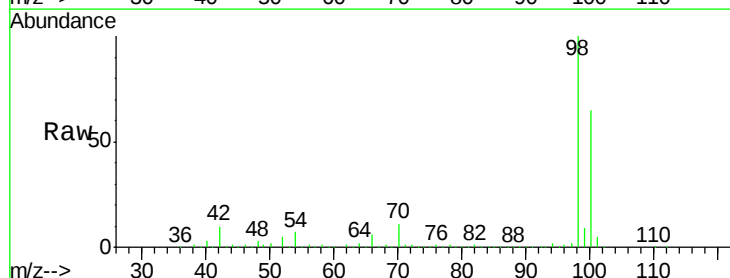
Acq: 19 Jul 2018 16:07

Tgt Ion: 98 Resp: 659850

Ion Ratio Lower Upper

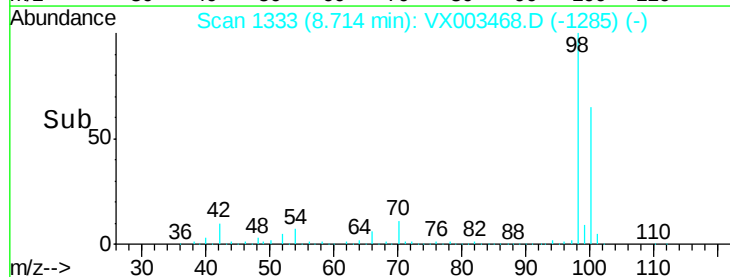
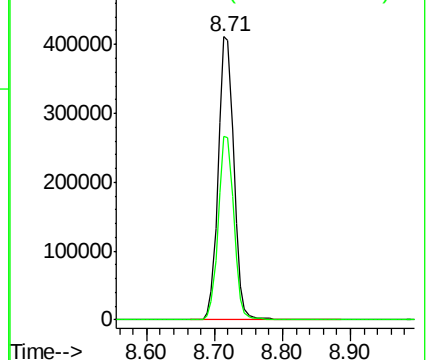
98 100

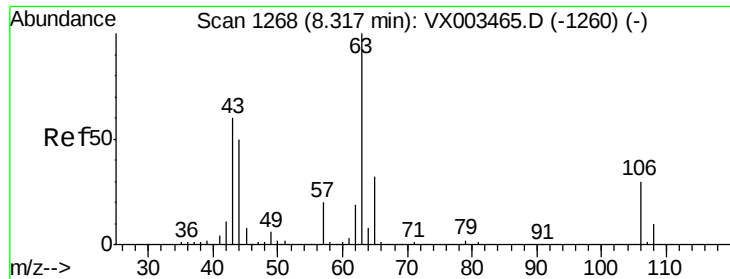
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#58

2-Chloroethyl Vinyl ether

Concen: 0.22 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

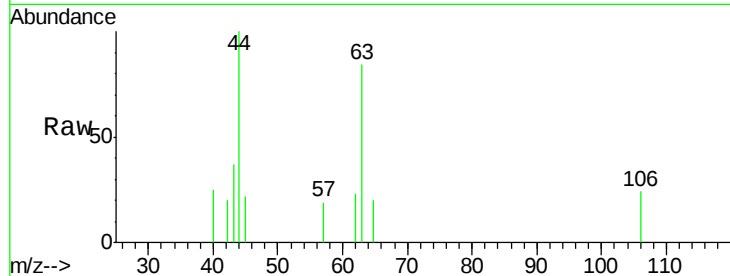
I.BLANK

Tot Ion: 63 Resp: 592

Ion Ratio Lower Upper

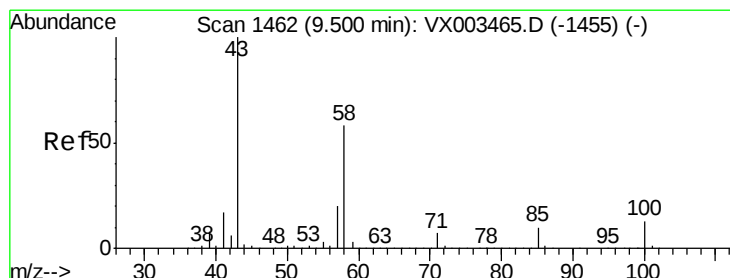
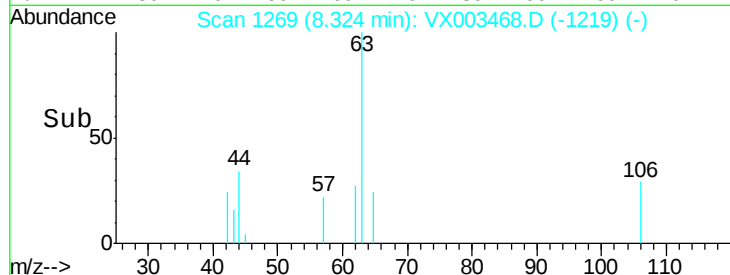
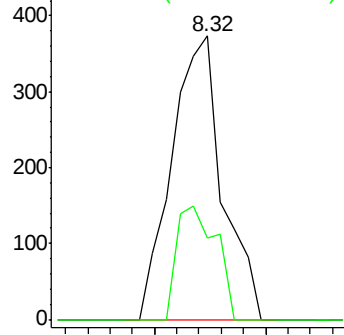
63 100

106 31.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.22 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX003468.D

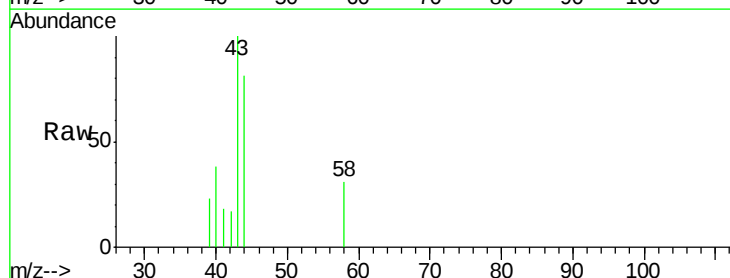
Acq: 19 Jul 2018 16:07

Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

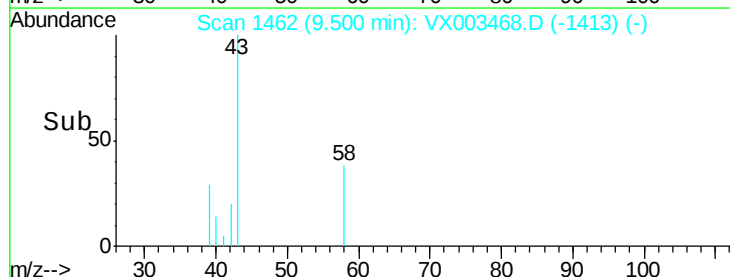
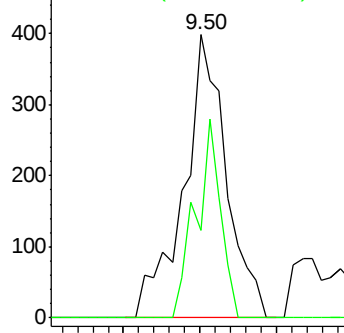
43 100

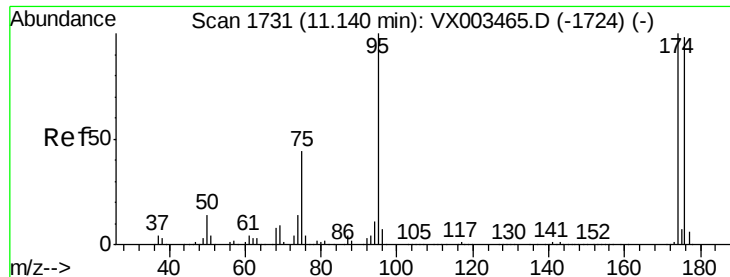
58 40.8 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

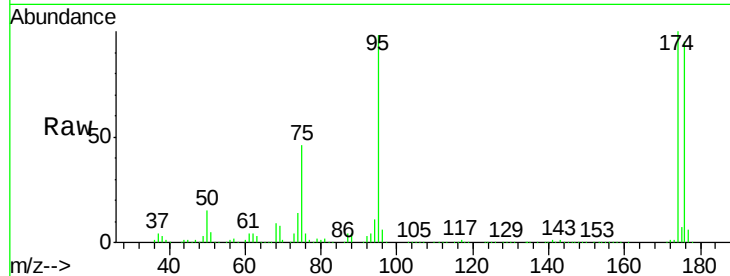




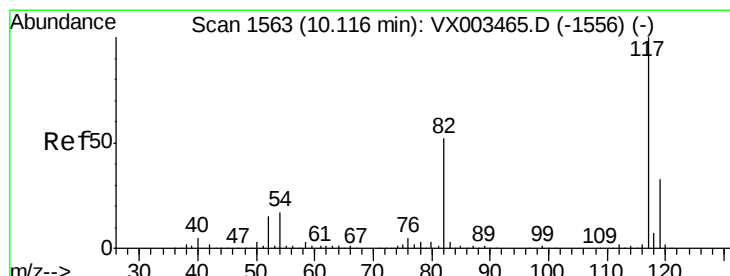
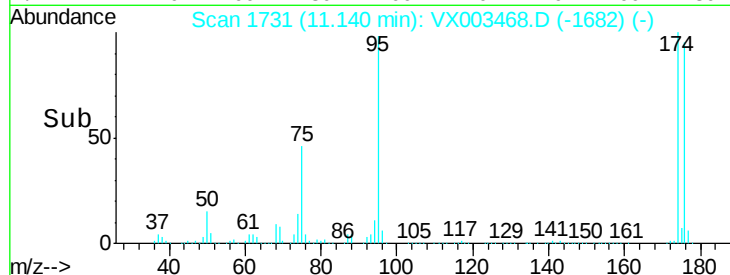
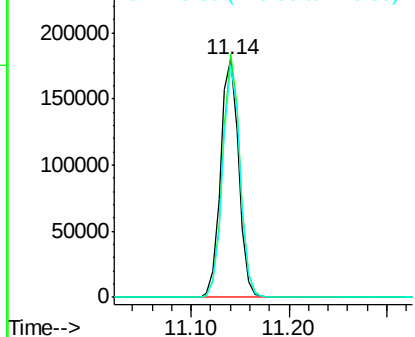
#62
4-Bromofluorobenzene
Concen: 46.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Instrument :
MSVOA_X
ClientSampleId :
I.BLANK

Tot Ion: 95 Resp: 230701
Ion Ratio Lower Upper
95 100
174 98.6 0.0 187.4
176 94.8 0.0 181.0

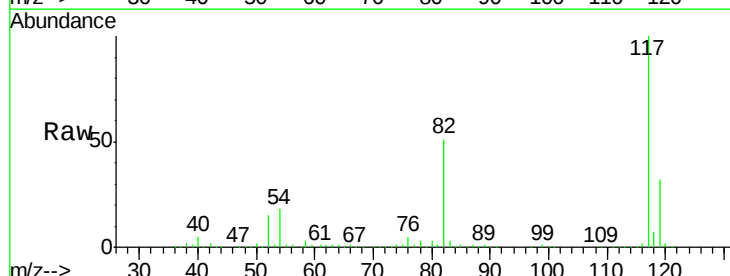


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

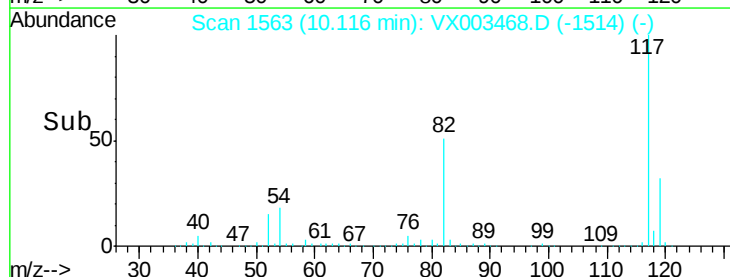
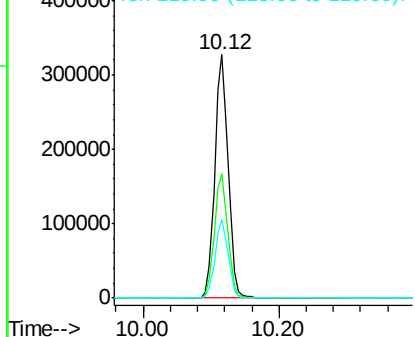


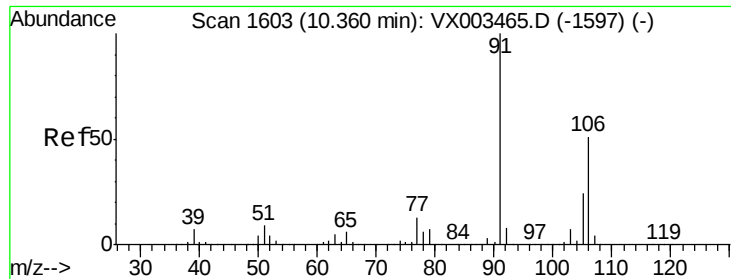
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Tgt Ion: 117 Resp: 445502
Ion Ratio Lower Upper
117 100
82 51.2 45.0 67.4
119 32.2 25.8 38.6



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

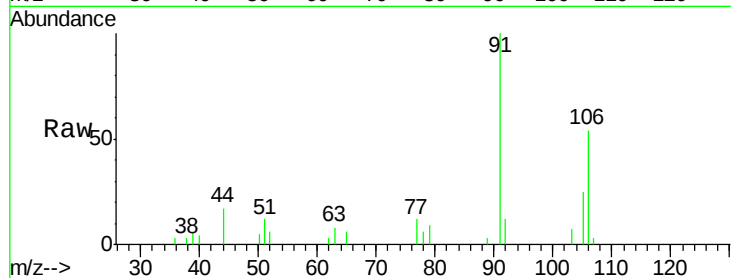




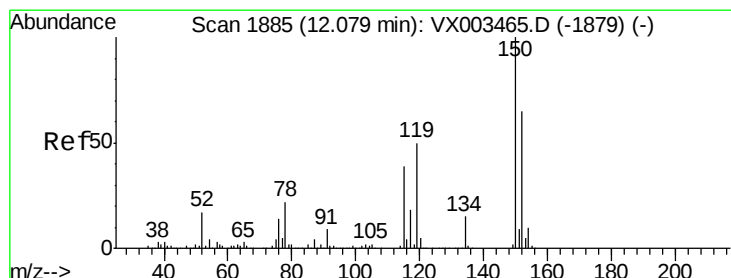
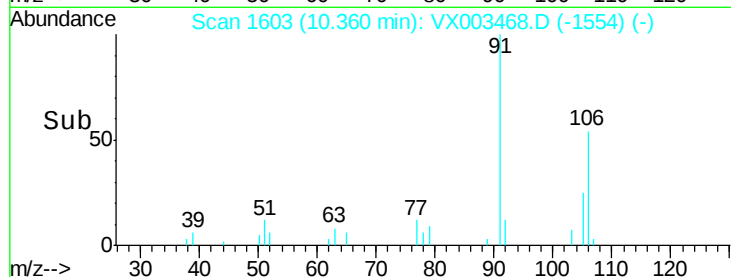
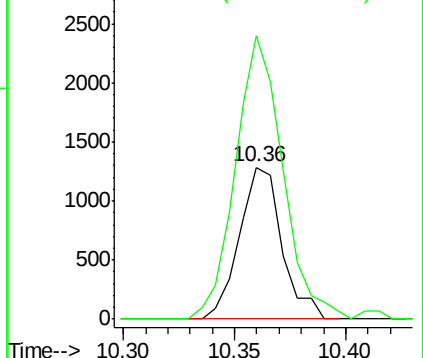
#68
m/p-Xvlenes
Concen: 0.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Instrument :
MSVOA_X
ClientSampled :
I.BLANK

Tot Ion:106 Resp: 1719
Ion Ratio Lower Upper
106 100
91 206.2 163.4 245.2

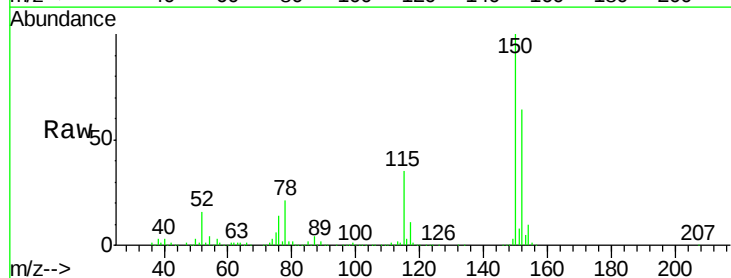


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

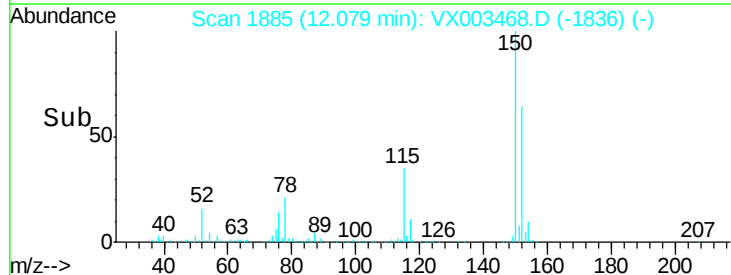
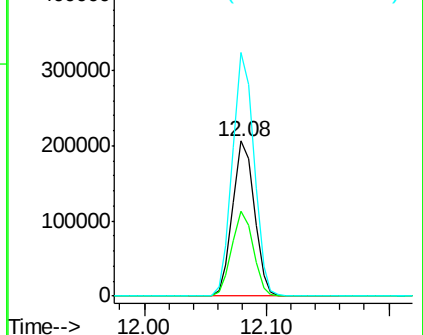


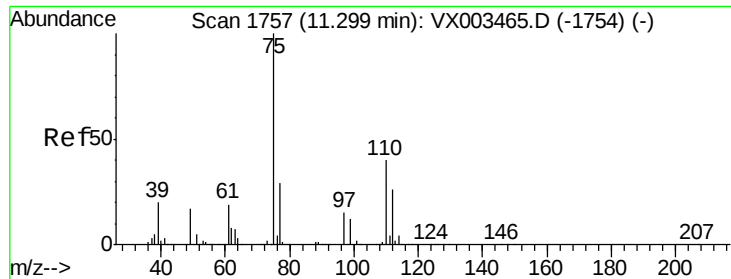
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Tgt Ion:152 Resp: 253225
Ion Ratio Lower Upper
152 100
115 53.9 40.1 120.2
150 155.7 0.0 347.2



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

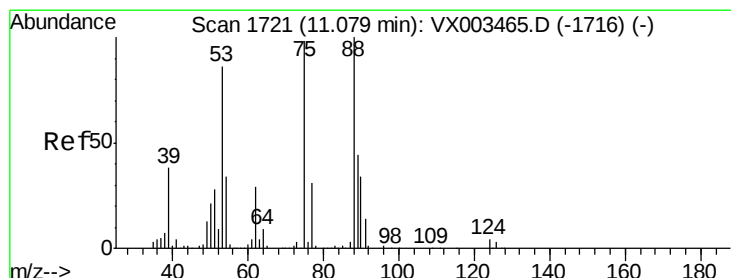
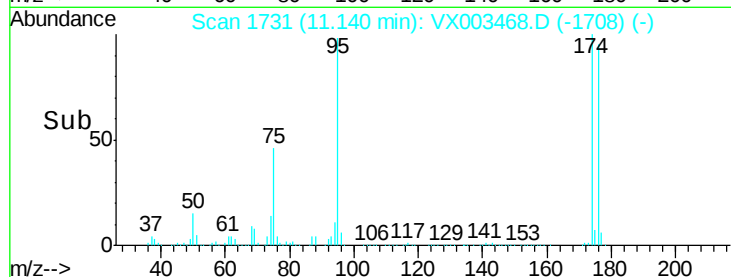
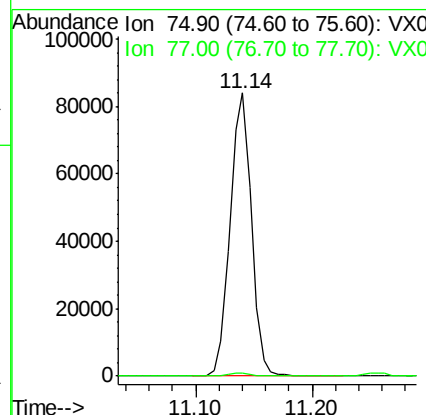
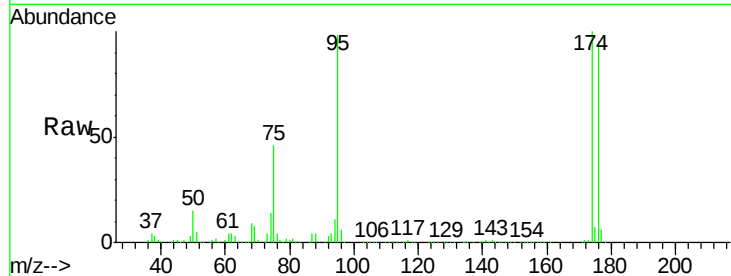




#76
 1,2,3-Trichloropropane
 Concen: 23.32 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

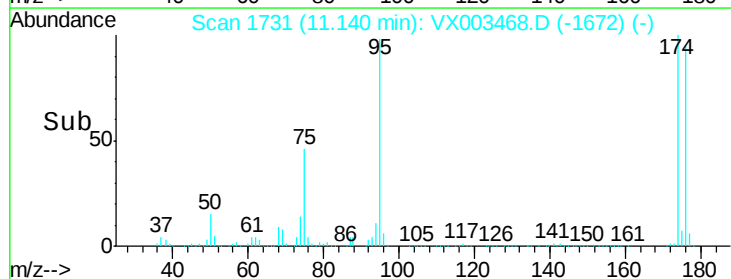
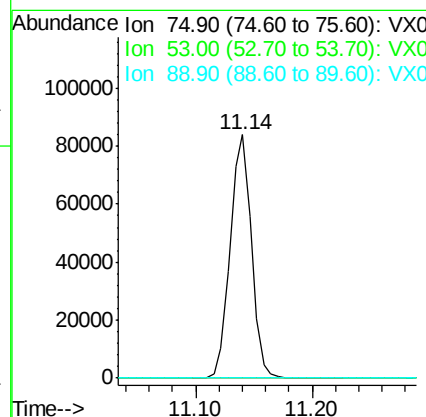
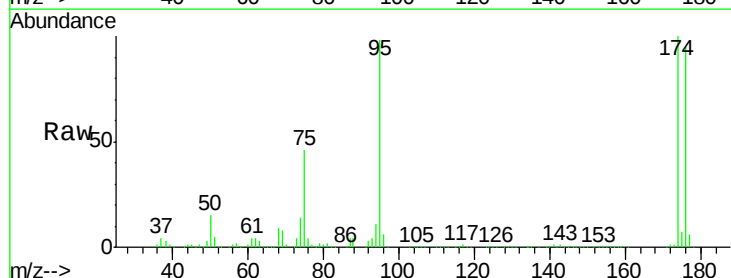
Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLANK

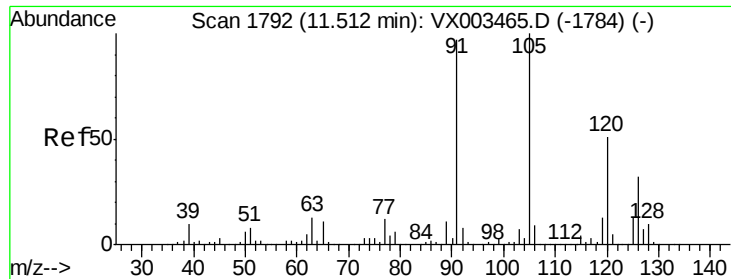
Tot Ion: 75 Resp: 106096
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.8 68.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.47 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

Tgt Ion: 75 Resp: 106096
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#82

4-Chlorotoluene

Concen: 0.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampled :

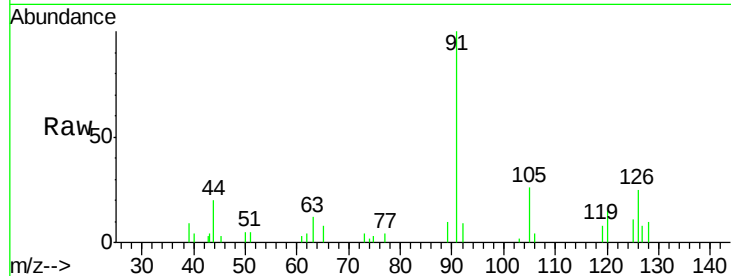
I.BLANK

Tot Ion: 91 Resp: 3191

Ion Ratio Lower Upper

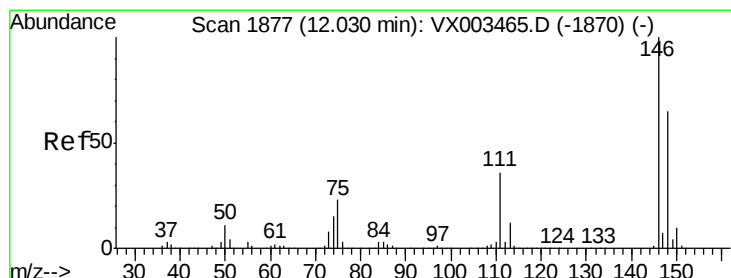
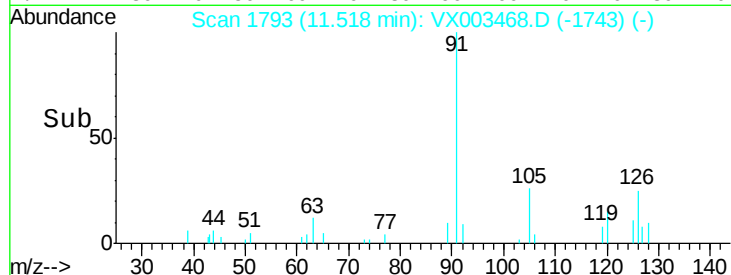
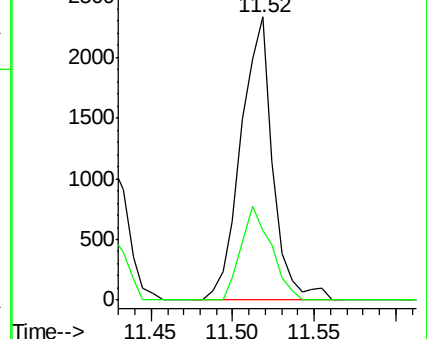
91 100

126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#87

1,3-Dichlorobenzene

Concen: 0.28 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

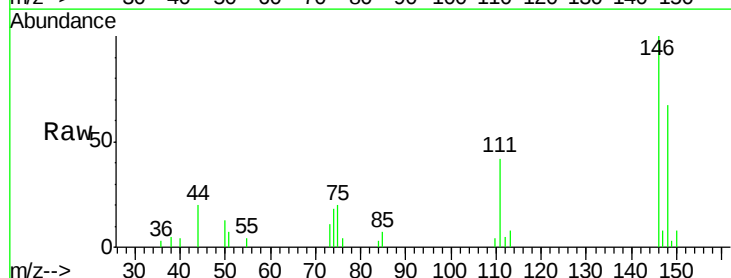
Tgt Ion: 146 Resp: 2576

Ion Ratio Lower Upper

146 100

111 42.2 18.9 56.7

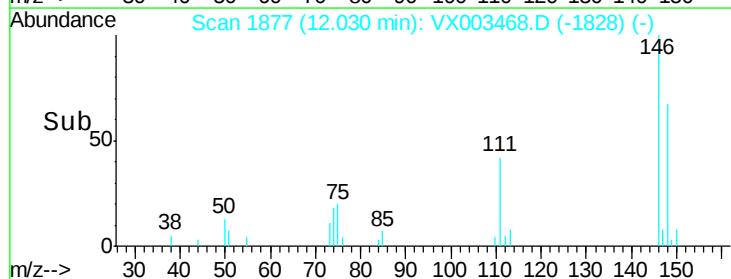
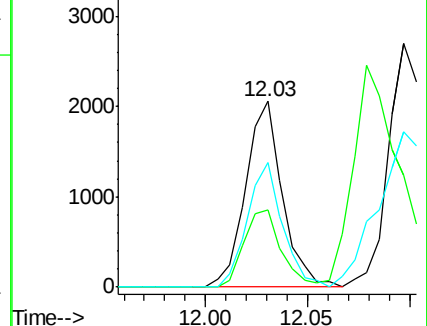
148 64.0 32.1 96.3

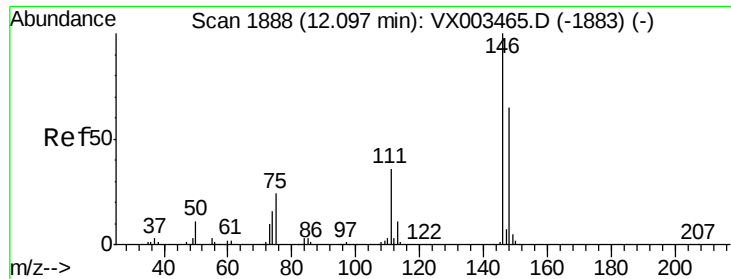


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.27 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

Instrument :

MSVOA_X

ClientSampleId :

I.BLANK

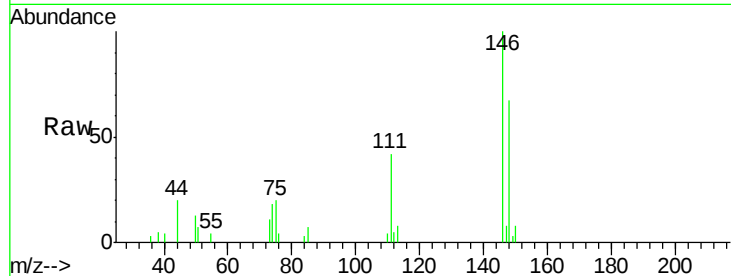
Tot Ion:146 Resp: 2576

Ion Ratio Lower Upper

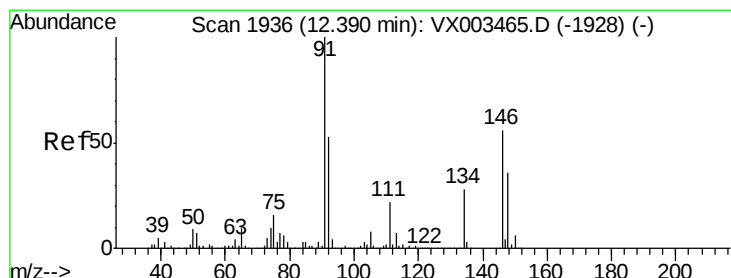
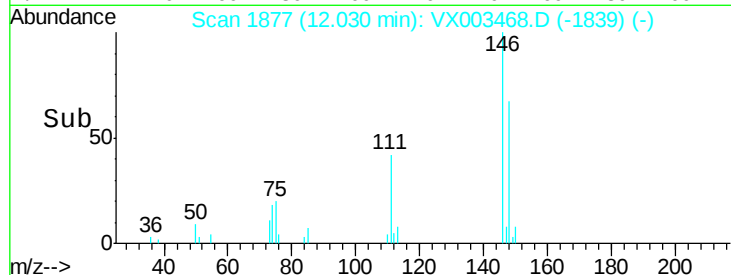
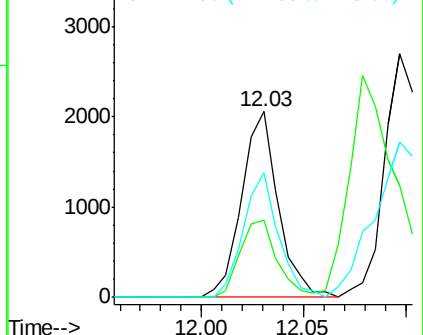
146 100

111 42.2 18.7 56.1

148 64.0 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.25 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003468.D

Acq: 19 Jul 2018 16:07

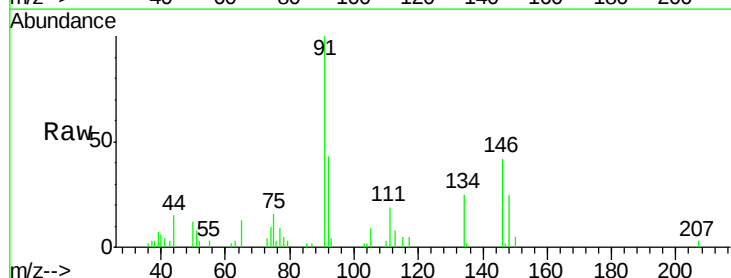
Tgt Ion: 91 Resp: 3263

Ion Ratio Lower Upper

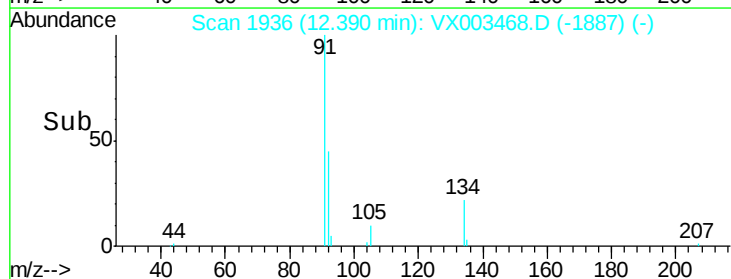
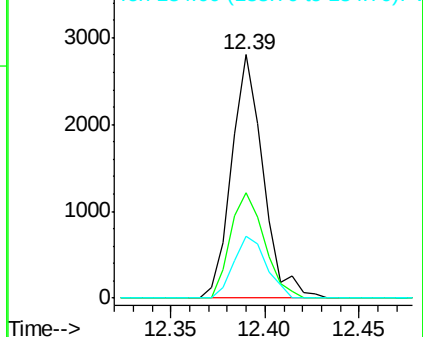
91 100

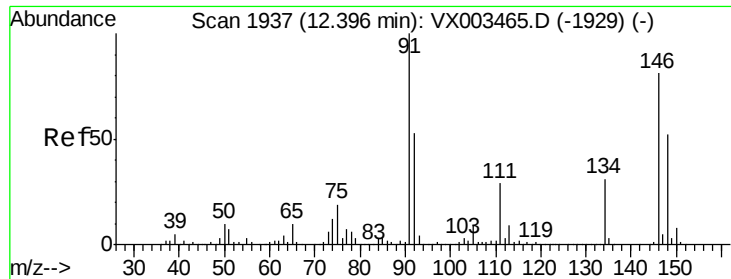
92 46.5 26.0 78.0

134 26.1 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

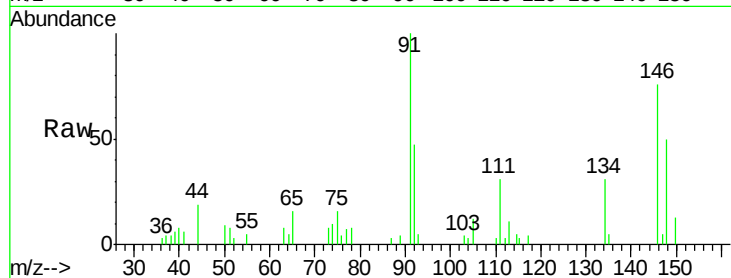




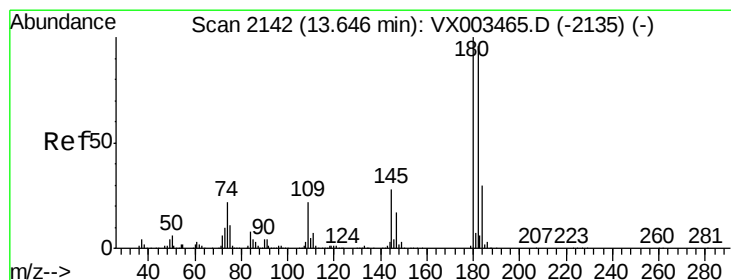
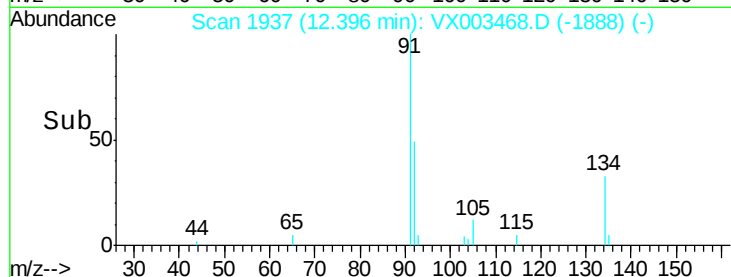
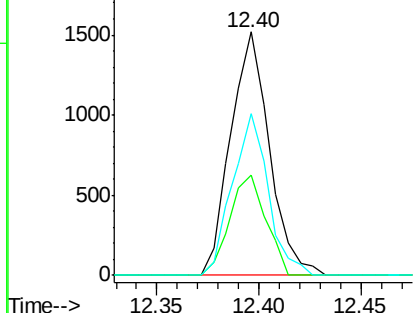
#91
 1,2-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLANK

Tot Ion:146 Resp: 1996
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 61.7 31.7 95.1

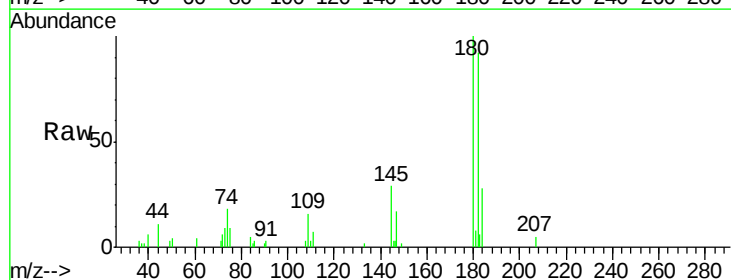


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

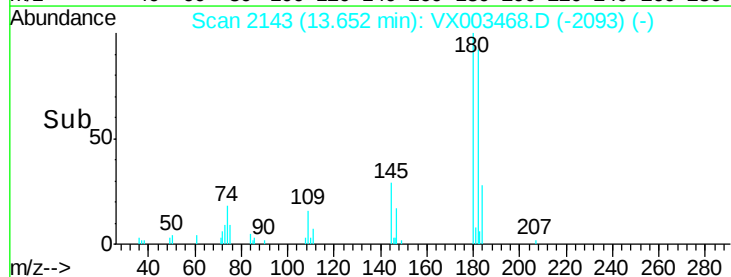
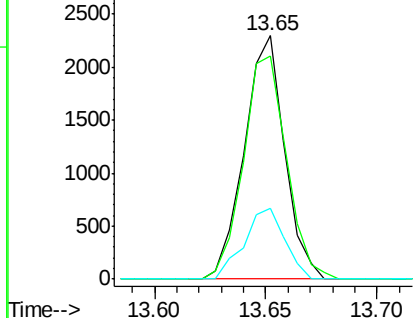


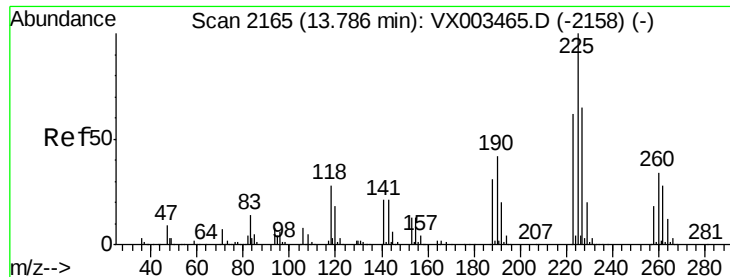
#93
 1,2,4-Trichlorobenzene
 Concen: 0.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

Tgt Ion:180 Resp: 2892
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.7 143.1
 145 29.4 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

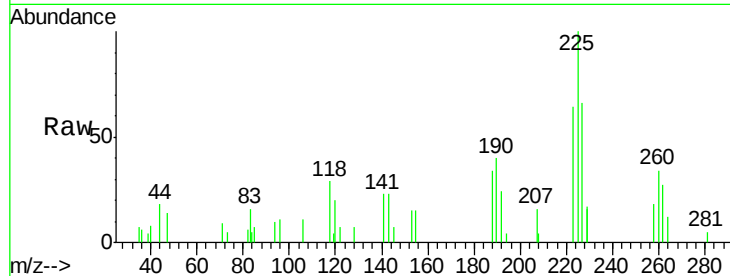




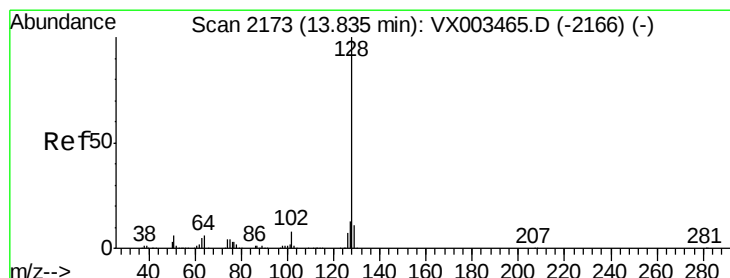
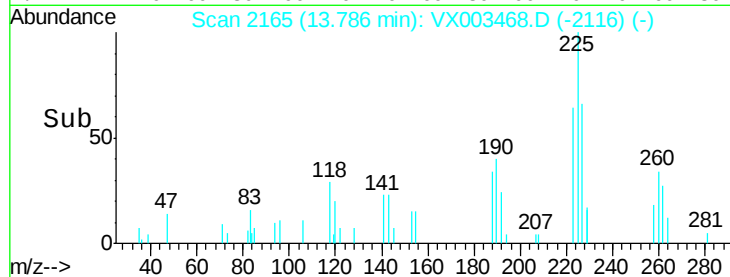
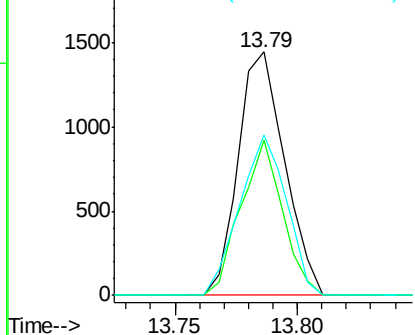
#94
Hexachlorobutadiene
Concen: 0.59 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Instrument :
MSVOA_X
ClientSampleId :
I.BLANK

Tot Ion:225 Resp: 1912
Ion Ratio Lower Upper
225 100
223 57.5 31.6 95.0
227 66.2 32.4 97.2

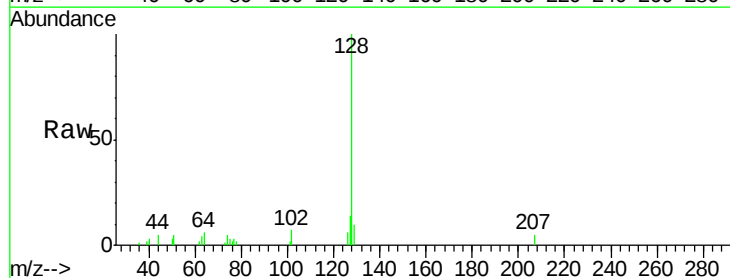


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

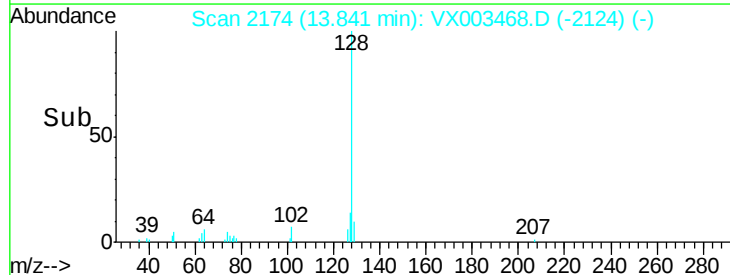
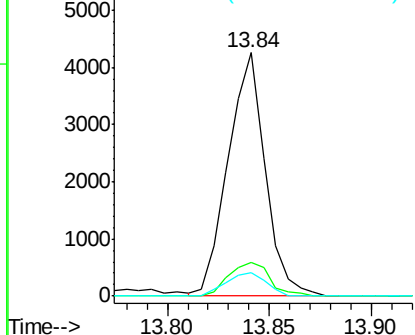


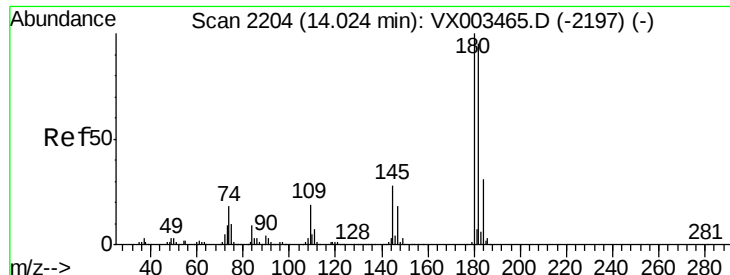
#95
Naphthalene
Concen: 0.31 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003468.D
Acq: 19 Jul 2018 16:07

Tgt Ion:128 Resp: 5382
Ion Ratio Lower Upper
128 100
127 15.2 10.4 15.6
129 10.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.36 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003468.D
 Acq: 19 Jul 2018 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 I.BLANK

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.0	144.0
145	31.6	14.8	44.3

