

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000799.D
 Acq On : 12 Apr 2018 13:59
 Operator : JC/MD
 Sample : J2307-05 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-PH3-AR-02

Quant Time: Apr 13 06:53:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	162527	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
35) Dibromofluoromethane	5.51	113	132630	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
50) Toluene-d8	8.73	98	503378	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	11.15	95	192699	44.13	ug/l	0.00
Spiked Amount			Recovery	=	88.26%	

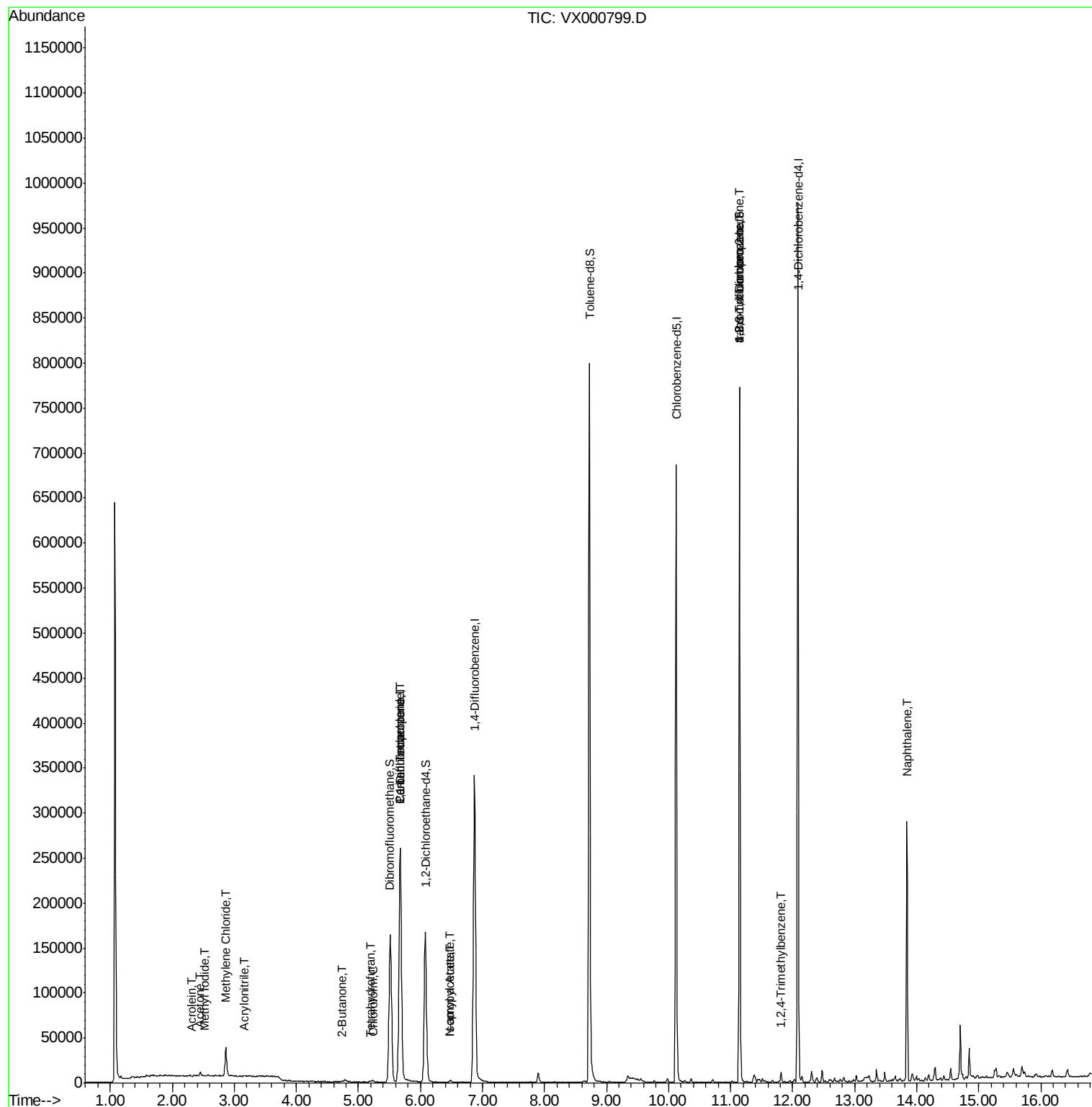
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	284	Below Cal	#	79
10) Methyl Iodide	2.53	142	288	8.34	ug/l #	92
13) Acrolein	2.30	56	96	0.32	ug/l #	13
15) Acrylonitrile	3.15	53	309	0.23	ug/l	96
16) Acetone	2.45	43	4451	3.65	ug/l #	88
20) Methylene Chloride	2.86	84	14946	5.27	ug/l	98
25) 2-Butanone	4.73	43	983	0.49	ug/l	90
29) Tetrahydrofuran	5.18	42	401	0.31	ug/l #	76
30) Chloroform	5.24	83	1885	0.36	ug/l	91
36) 1,1-Dichloropropene	5.67	75	16844	4.16	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24134	5.32	ug/l #	15
43) Isopropyl Acetate	6.48	43	2236	0.33	ug/l #	70
74) N-ethyl acetate	6.48	43	2236	0.38	ug/l #	94
76) 1,2,3-Trichloropropane	11.15	75	94594	26.35	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	94594	72.50	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	4623	0.39	ug/l	99
95) Naphthalene	13.84	128	175771	11.61	ug/l	99

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

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000799.D
Acq On : 12 Apr 2018 13:59
Operator : JC/MD
Sample : J2307-05 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-PH3-AR-02

Quant Time: Apr 13 06:53:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

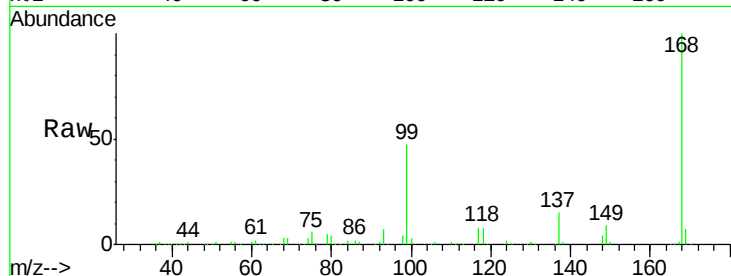
WC-PH3-AR-02

Tgt Ion:168 Resp: 280309

Ion Ratio Lower Upper

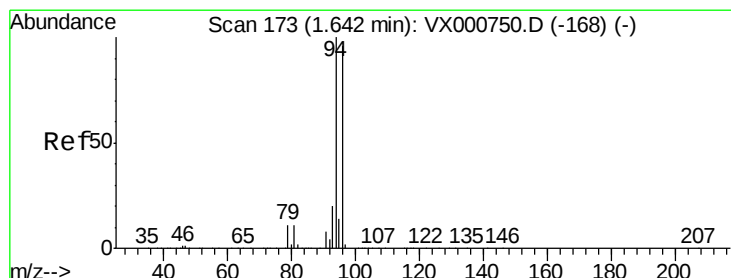
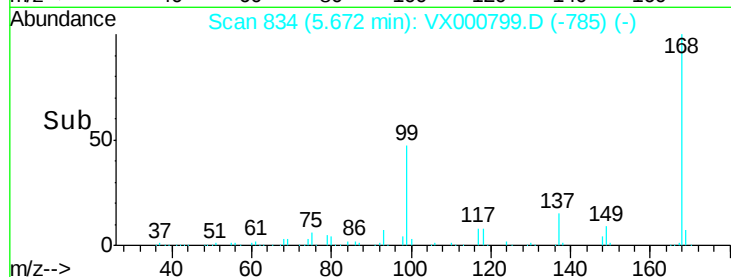
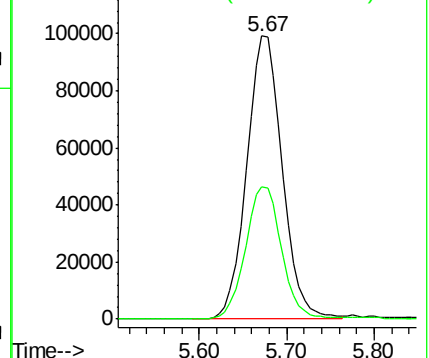
168 100

99 46.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000799.D

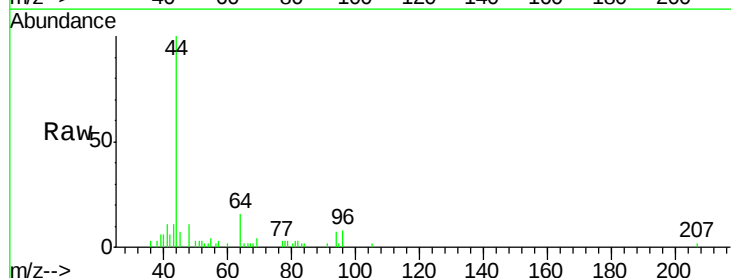
Acq: 12 Apr 2018 13:59

Tgt Ion: 94 Resp: 284

Ion Ratio Lower Upper

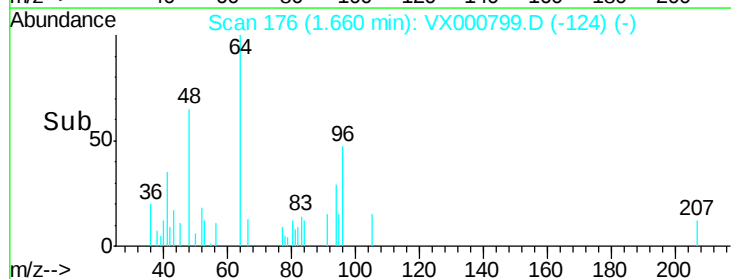
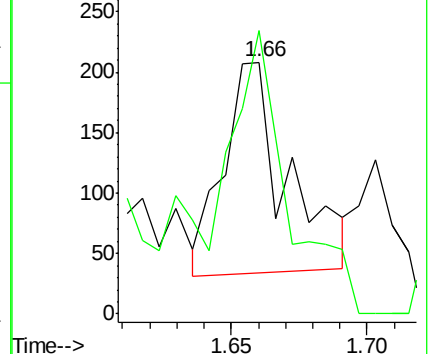
94 100

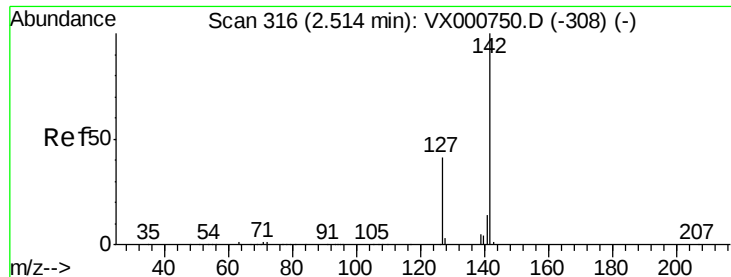
96 116.8 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

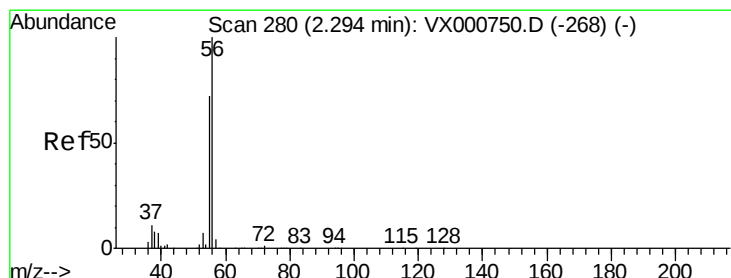
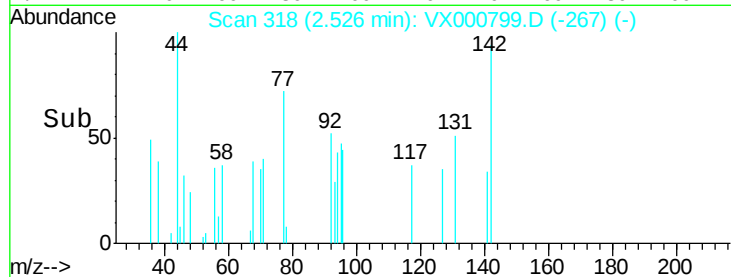
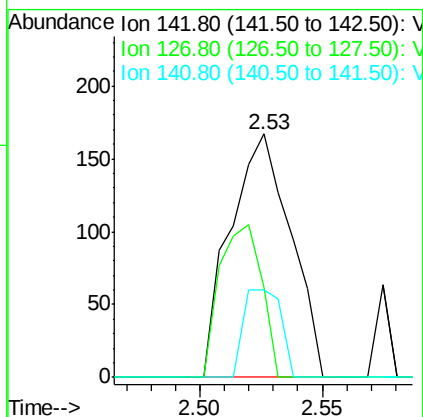
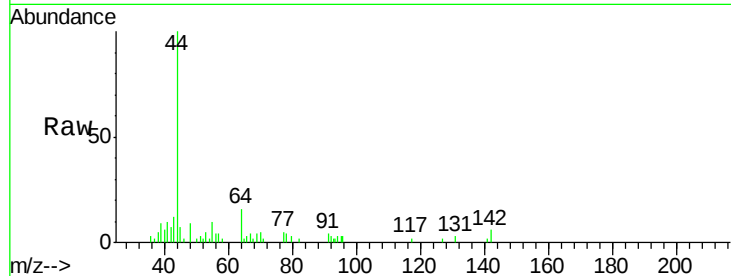




#10
Methyl Iodide
Concen: 8.34 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000799.D
Acq: 12 Apr 2018 13:59

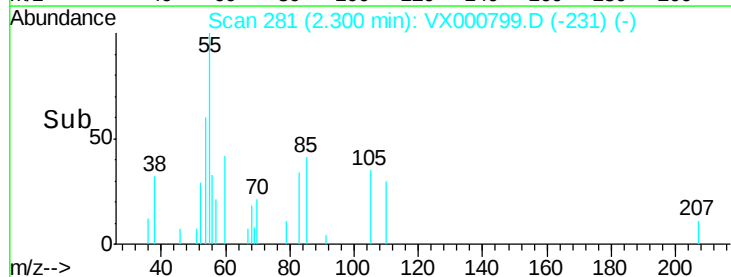
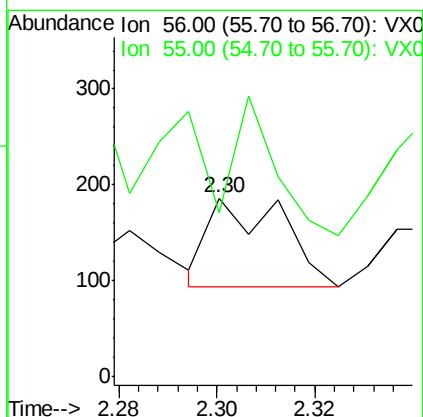
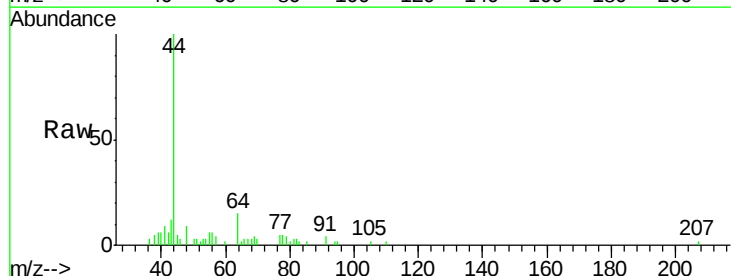
Instrument :
MSVOA_X
ClientSampleId :
WC-PH3-AR-02

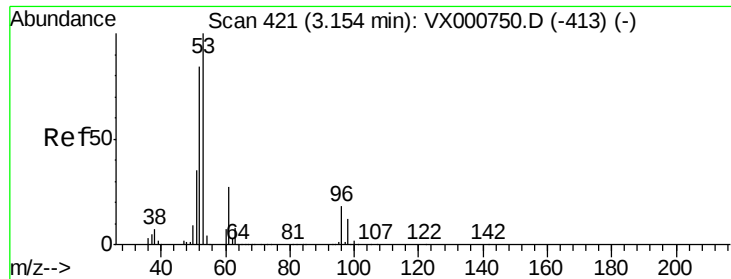
Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 43.4 32.6 49.0
141 22.2 11.5 17.3#



#13
Acrolein
Concen: 0.32 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX000799.D
Acq: 12 Apr 2018 13:59

Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 0.0 58.7 88.1#





#15

Acrylonitrile

Concen: 0.23 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

WC-PH3-AR-02

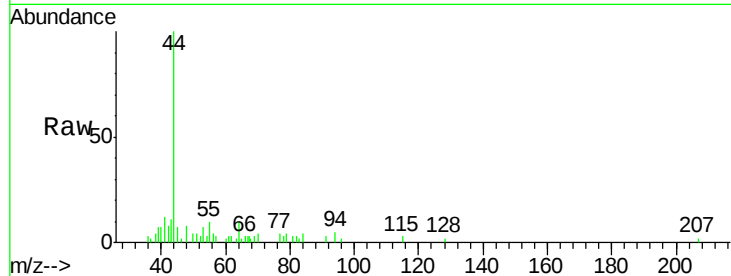
Tgt Ion: 53 Resp: 309

Ion Ratio Lower Upper

53 100

52 84.5 66.5 99.7

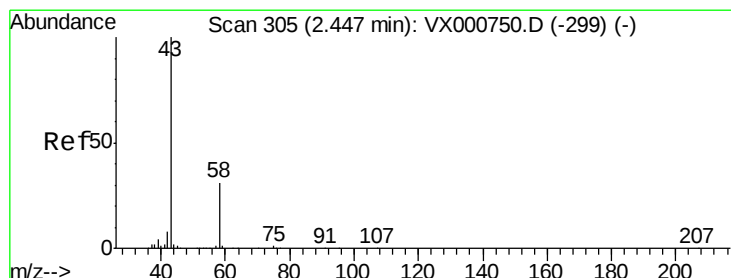
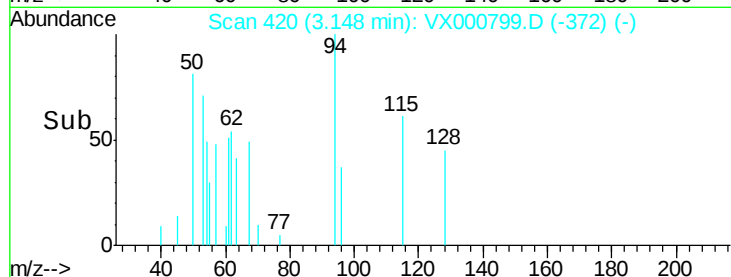
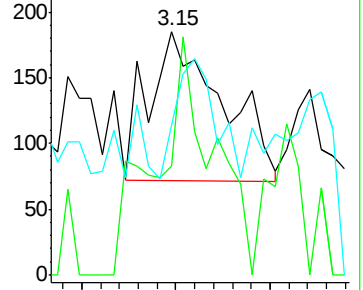
51 42.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 3.65 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000799.D

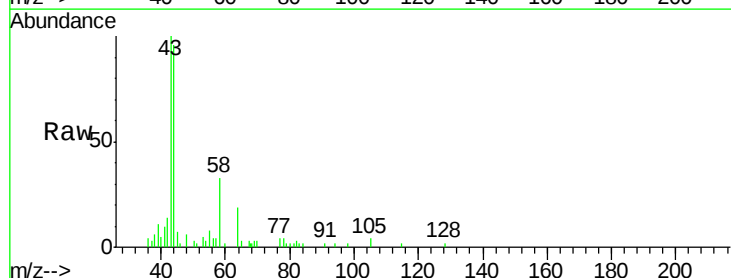
Acq: 12 Apr 2018 13:59

Tgt Ion: 43 Resp: 4451

Ion Ratio Lower Upper

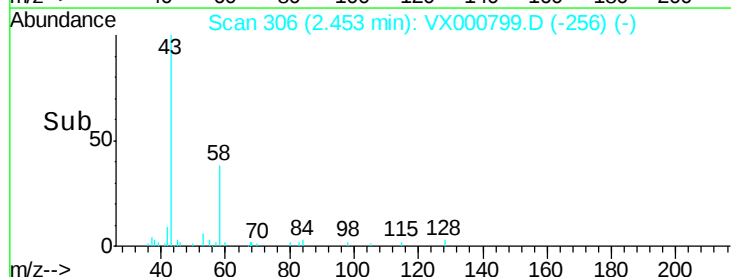
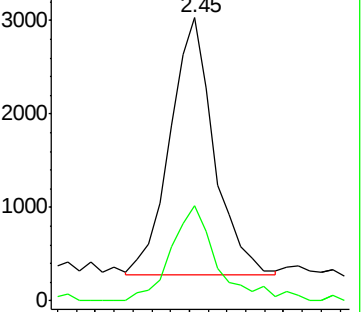
43 100

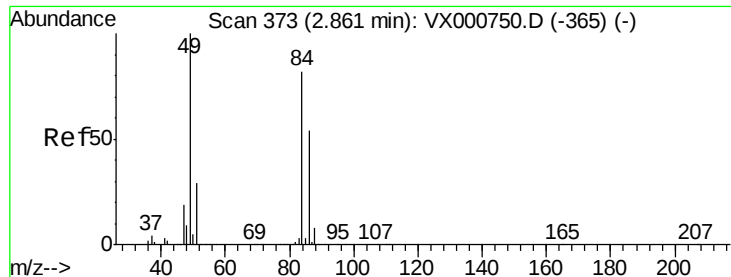
58 37.1 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 5.27 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

WC-PH3-AR-02

Tgt Ion: 84 Resp: 14946

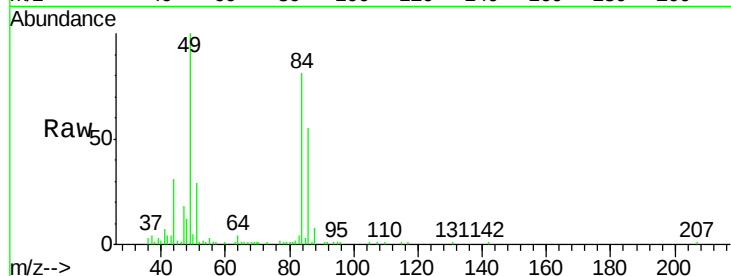
Ion Ratio Lower Upper

84 100

49 123.9 98.1 147.1

51 34.3 28.9 43.3

86 68.2 52.7 79.1

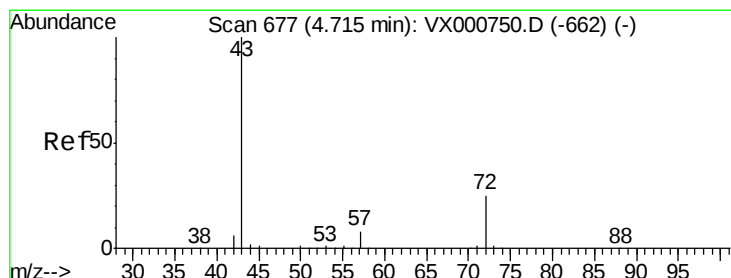
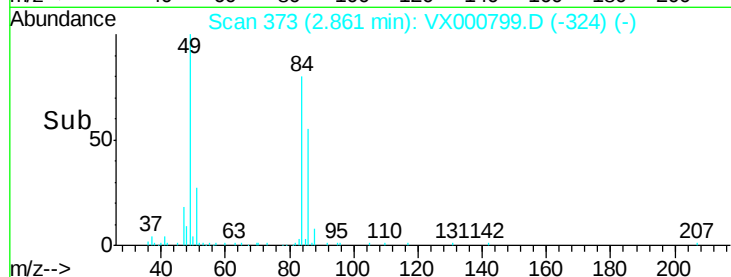
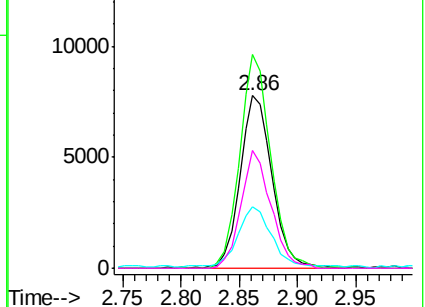


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.49 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000799.D

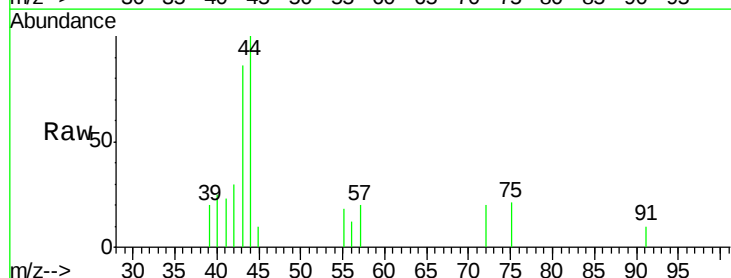
Acq: 12 Apr 2018 13:59

Tgt Ion: 43 Resp: 983

Ion Ratio Lower Upper

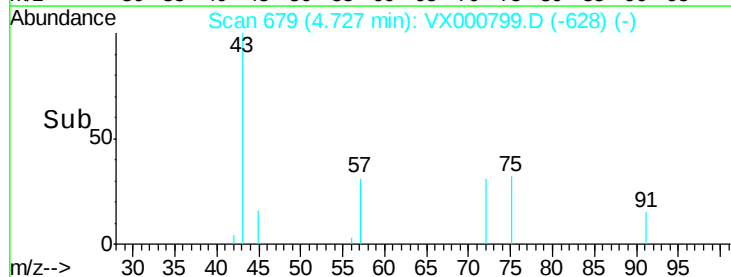
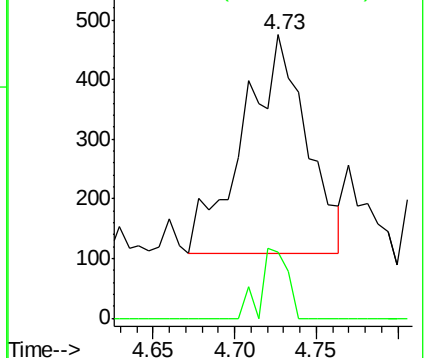
43 100

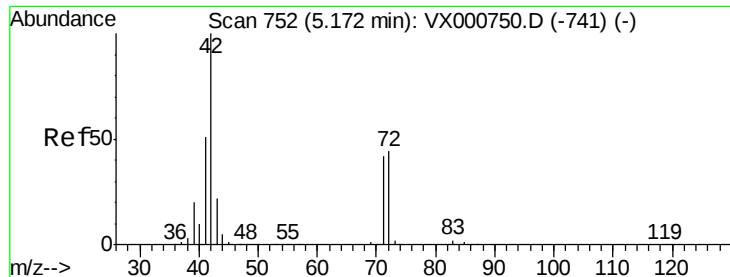
72 30.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampled :

WC-PH3-AR-02

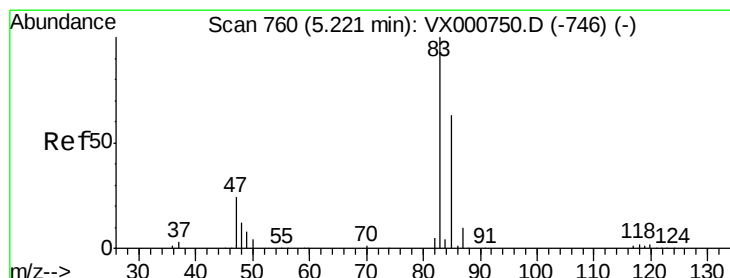
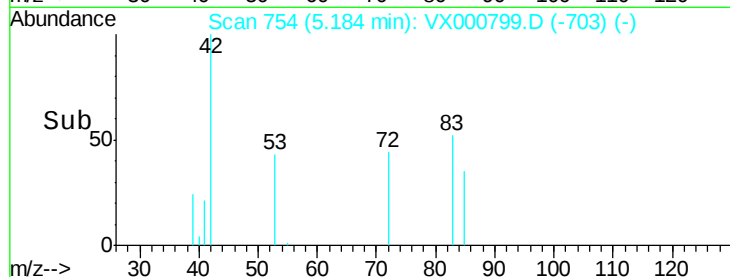
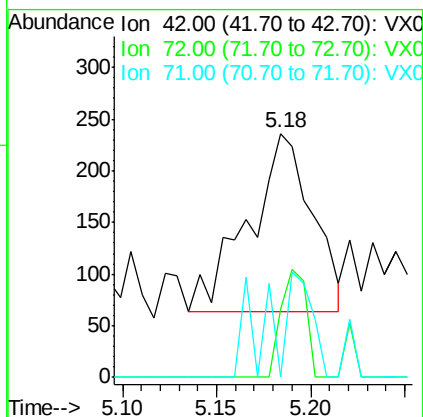
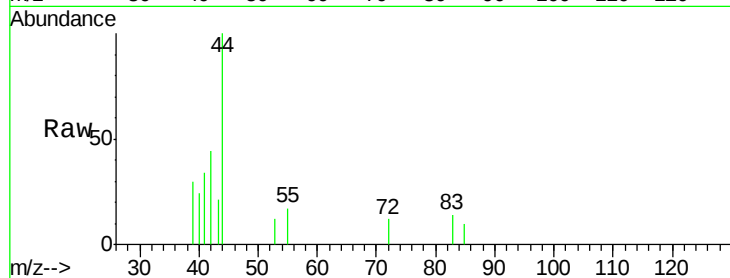
Tgt Ion: 42 Resp: 401

Ion Ratio Lower Upper

42 100

72 24.2 35.1 52.7#

71 30.9 32.8 49.2#



#30

Chloroform

Concen: 0.36 ug/l

RT: 5.24 min Scan# 763

Delta R.T. 0.02 min

Lab File: VX000799.D

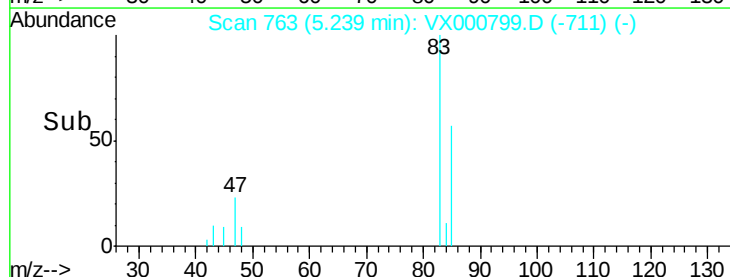
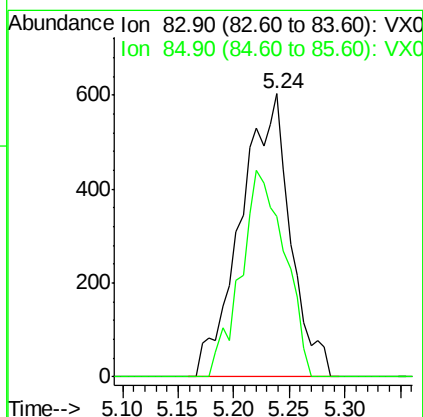
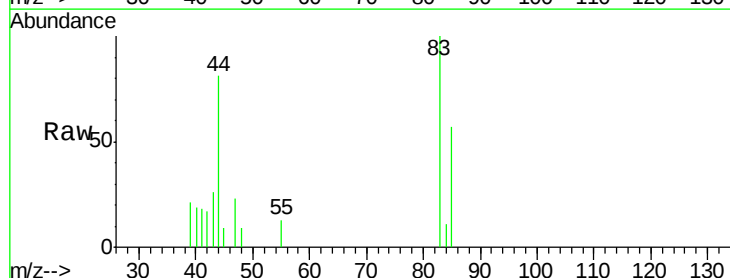
Acq: 12 Apr 2018 13:59

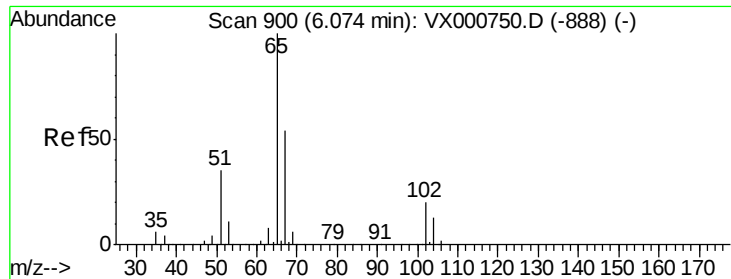
Tgt Ion: 83 Resp: 1885

Ion Ratio Lower Upper

83 100

85 56.6 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 45.98 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

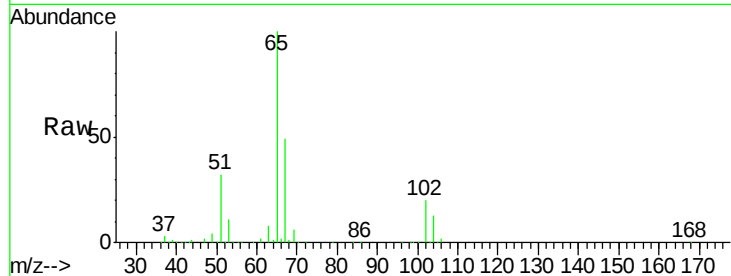
WC-PH3-AR-02

Tgt Ion: 65 Resp: 162527

Ion Ratio Lower Upper

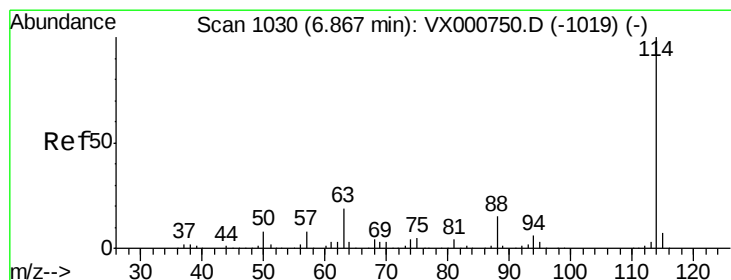
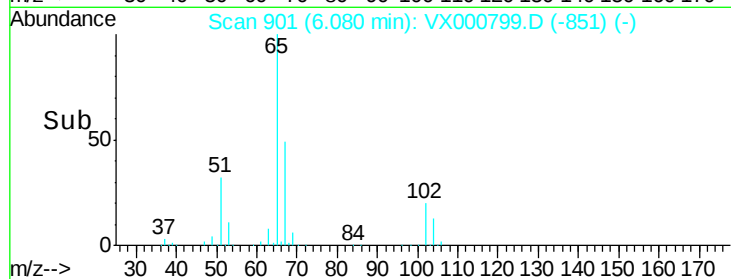
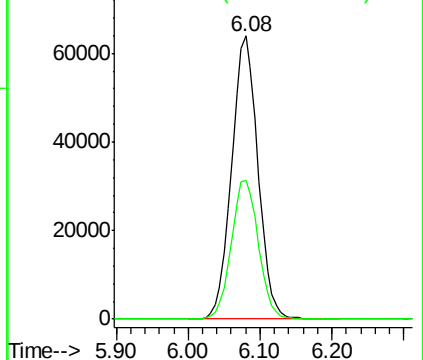
65 100

67 50.6 0.0 103.8



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: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

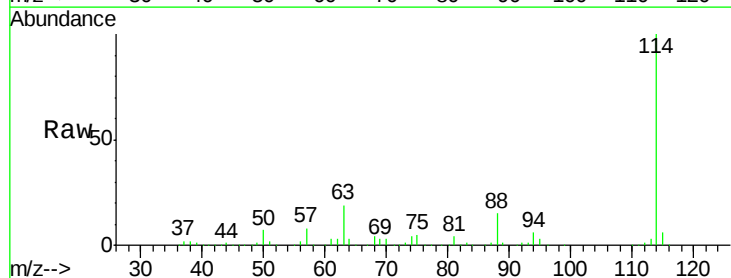
Tgt Ion: 114 Resp: 367929

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

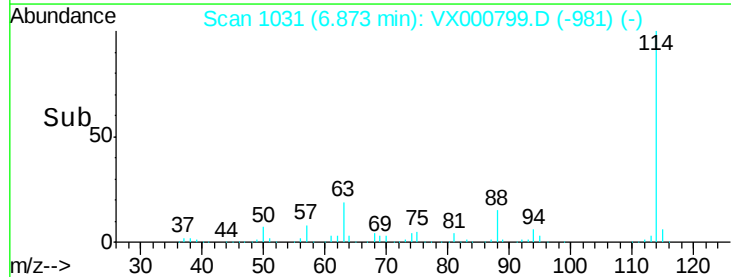
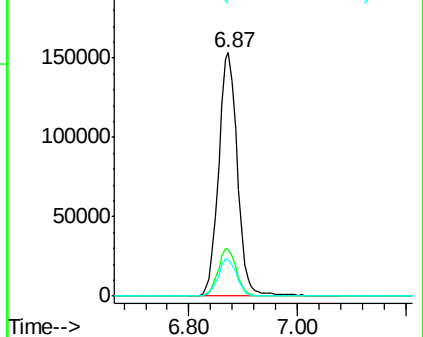
88 15.0 0.0 31.0

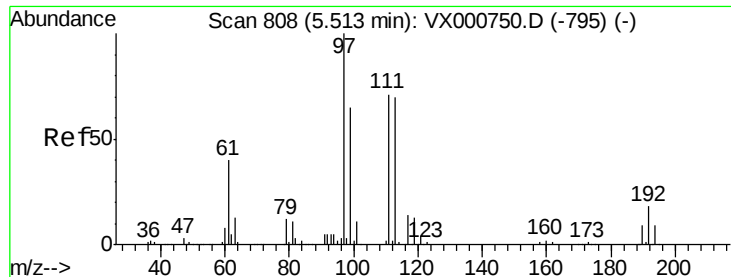


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

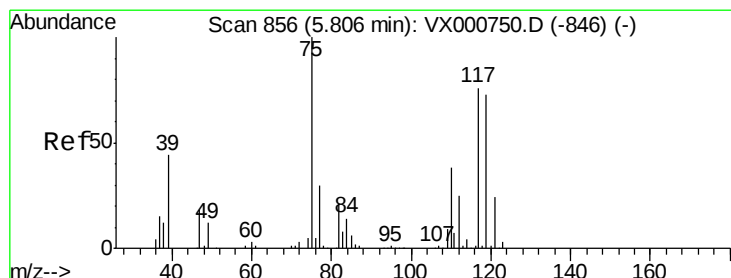
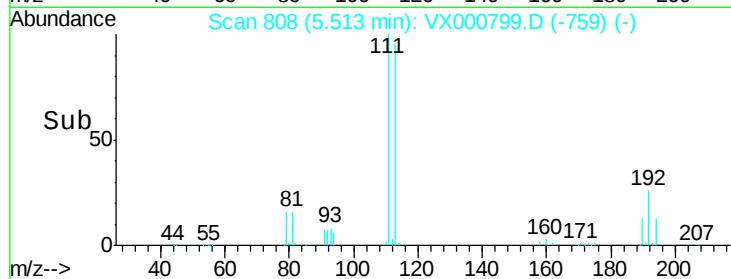
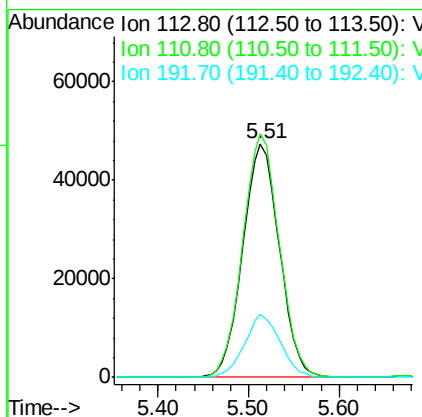
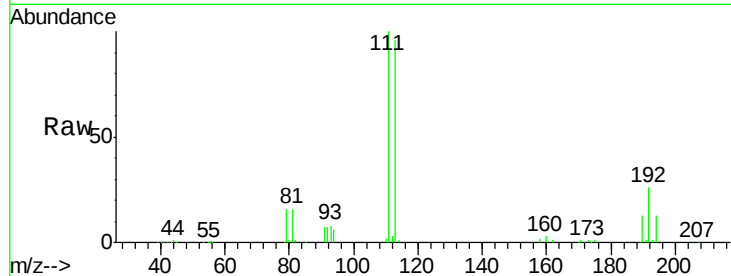




#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000799.D
 Acq: 12 Apr 2018 13:59

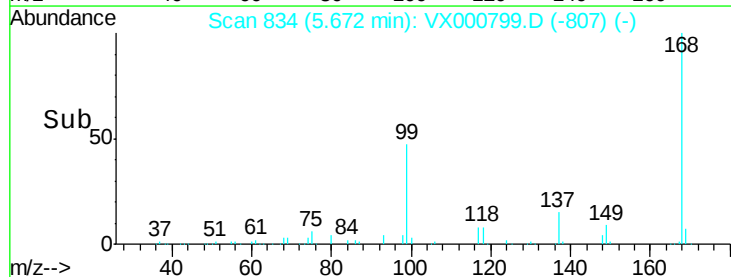
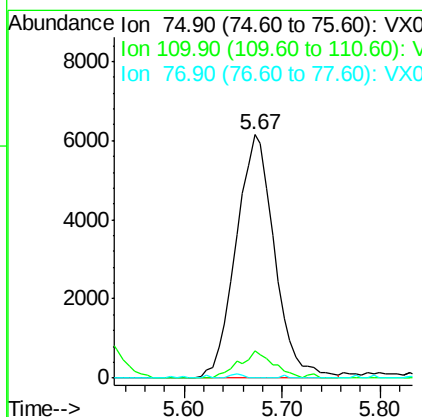
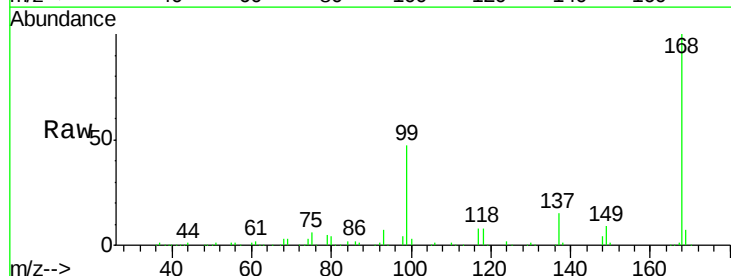
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-PH3-AR-02

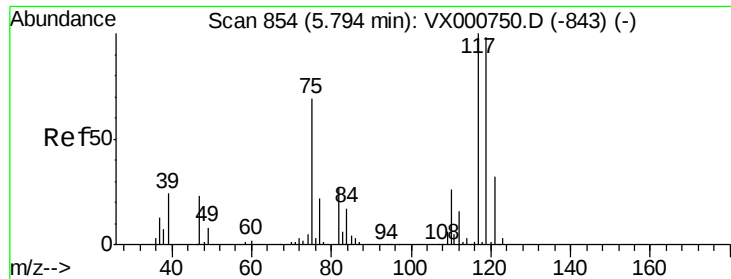
Tgt Ion:113 Resp: 132630
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.5 122.3
 192 26.3 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.16 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000799.D
 Acq: 12 Apr 2018 13:59

Tgt Ion: 75 Resp: 16844
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.2 57.6#
 77 0.5 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.32 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampled :

WC-PH3-AR-02

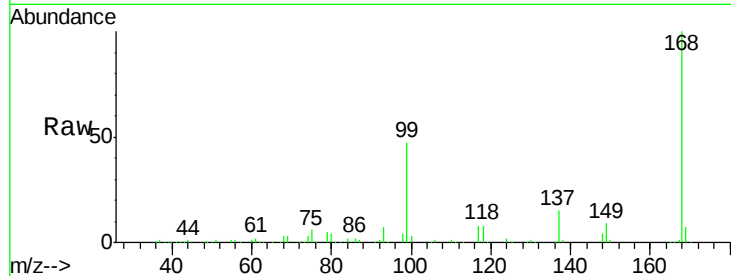
Tgt Ion: 117 Resp: 24134

Ion Ratio Lower Upper

117 100

119 5.3 78.4 117.6#

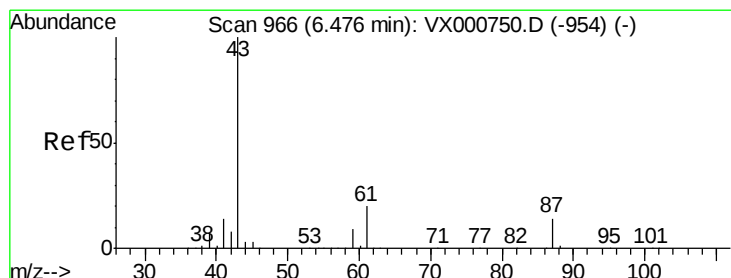
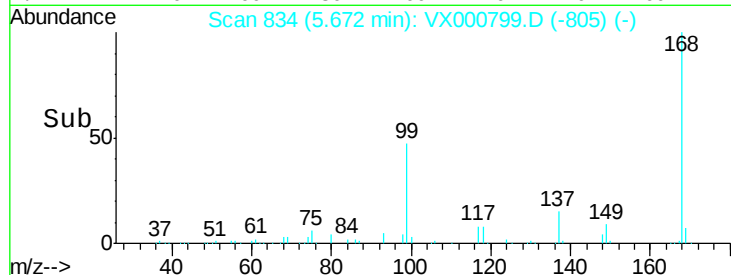
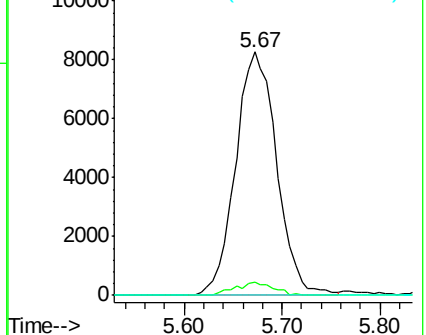
121 0.0 25.4 38.0#



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



#43

Isopropyl Acetate

Concen: 0.33 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

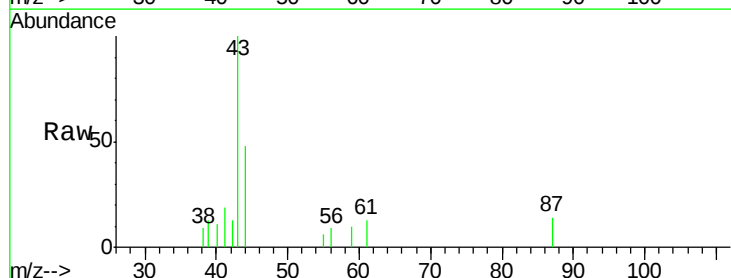
Tgt Ion: 43 Resp: 2236

Ion Ratio Lower Upper

43 100

61 0.0 15.6 23.4#

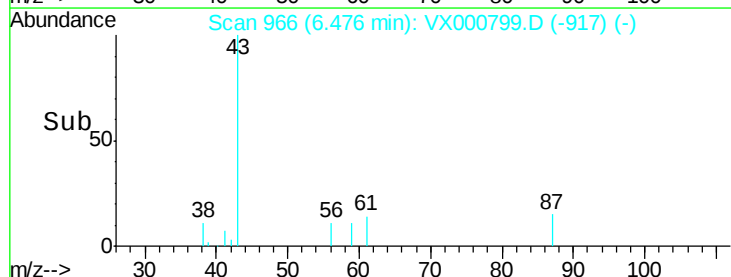
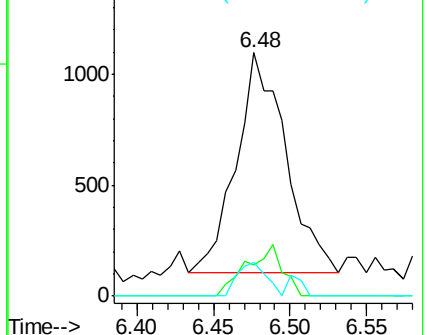
87 8.9 10.7 16.1#

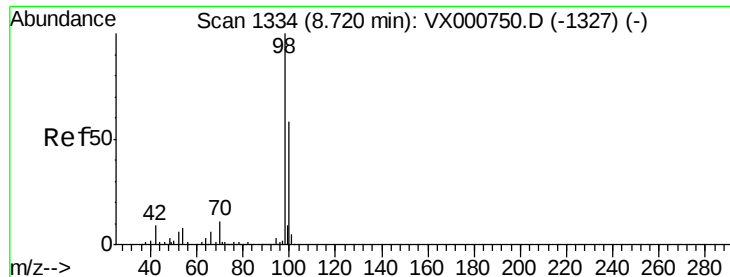


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 47.69 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

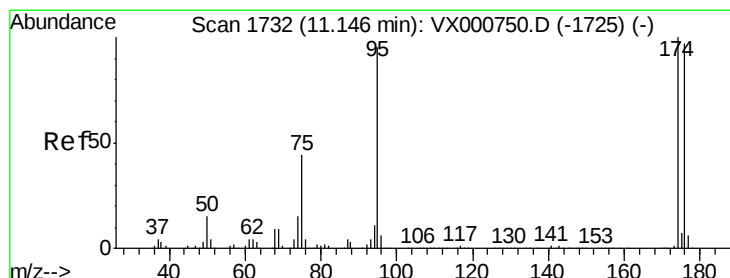
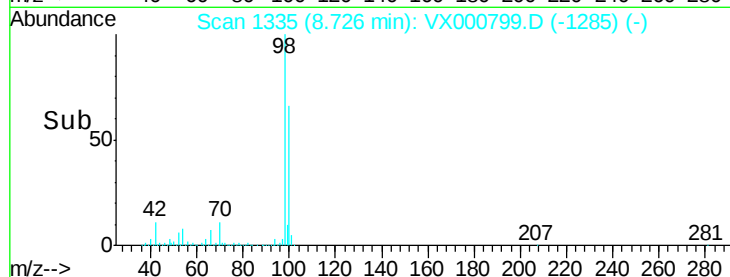
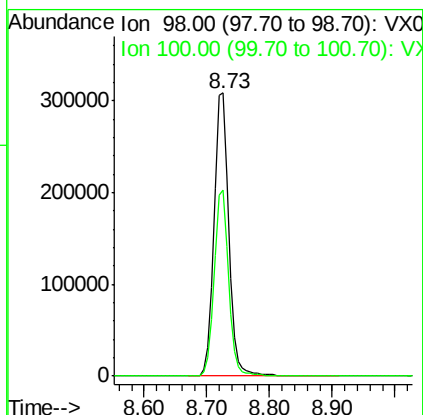
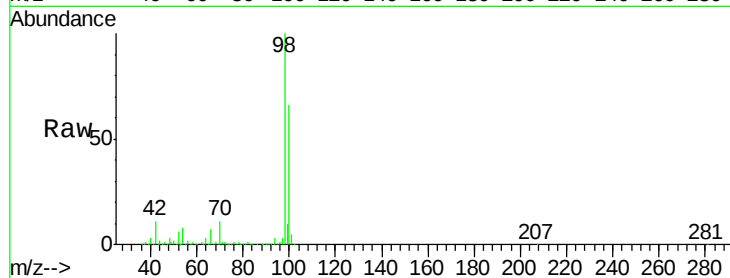
WC-PH3-AR-02

Tgt Ion: 98 Resp: 503378

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 44.13 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

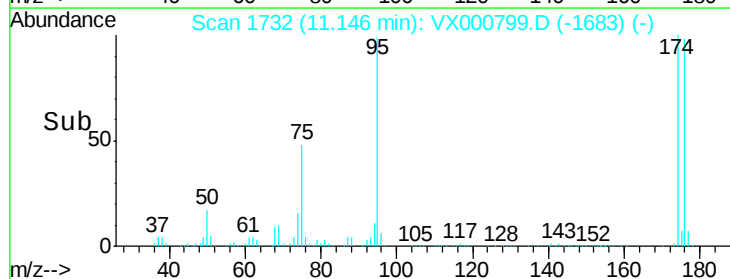
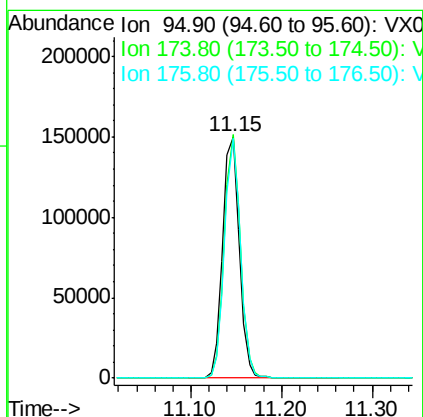
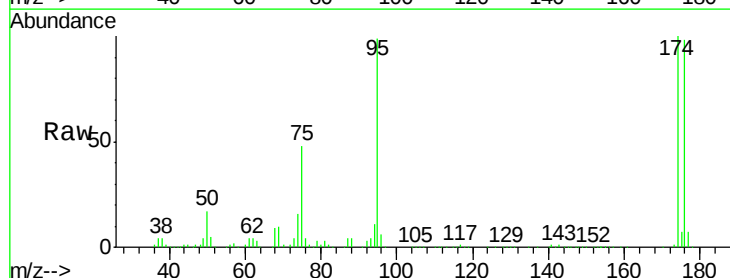
Tgt Ion: 95 Resp: 192699

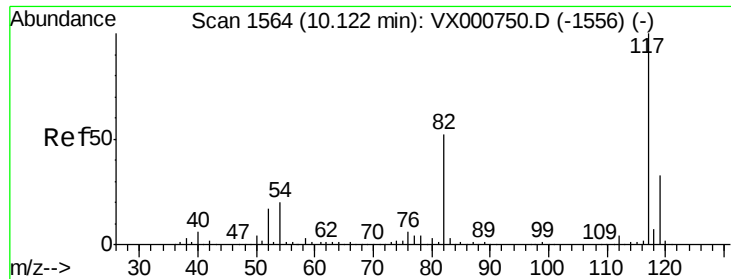
Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

176 95.7 0.0 194.4

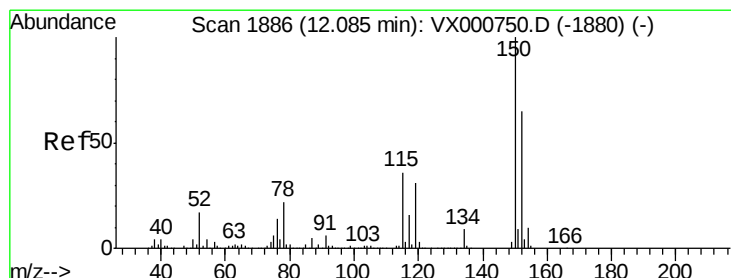
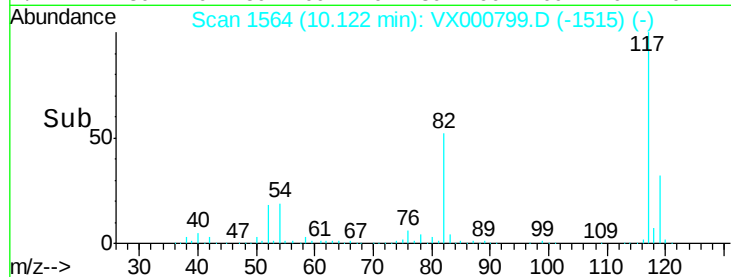
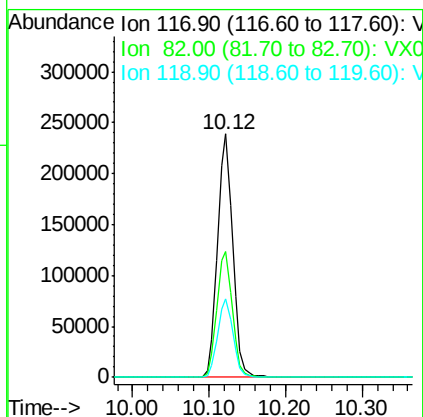
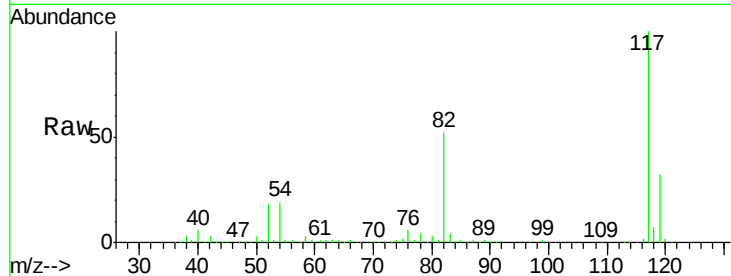




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000799.D
Acq: 12 Apr 2018 13:59

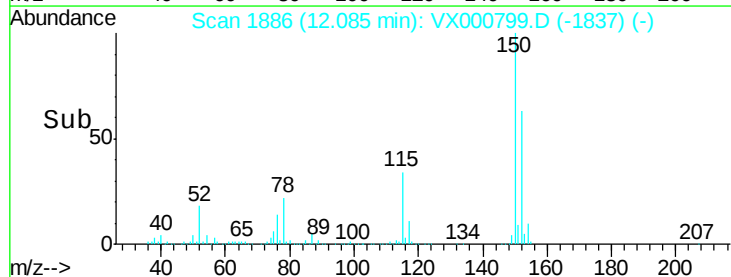
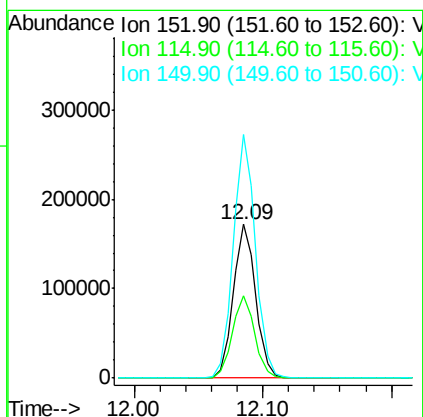
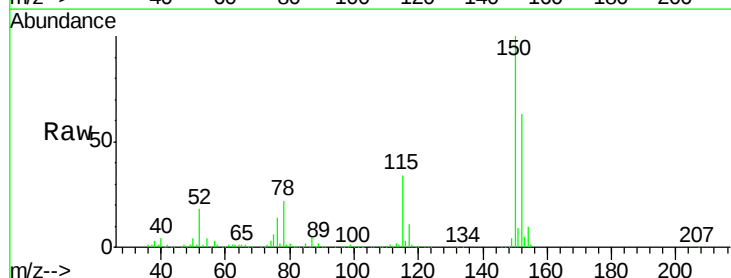
Instrument :
MSVOA_X
ClientSampleId :
WC-PH3-AR-02

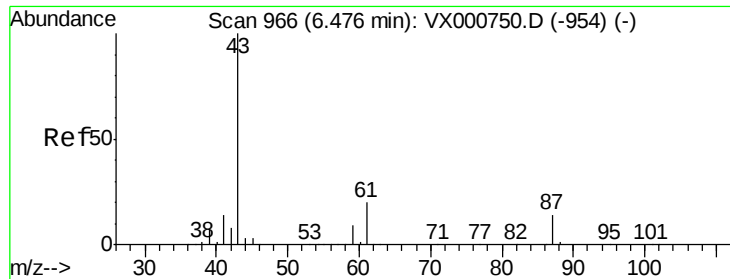
Tgt Ion:117 Resp: 330171
Ion Ratio Lower Upper
117 100
82 51.9 41.9 62.9
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000799.D
Acq: 12 Apr 2018 13:59

Tgt Ion:152 Resp: 208120
Ion Ratio Lower Upper
152 100
115 53.7 37.9 113.7
150 156.5 0.0 348.0





#74

N-ethyl acetate

Concen: 0.38 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

WC-PH3-AR-02

Tgt Ion: 43 Resp: 2236

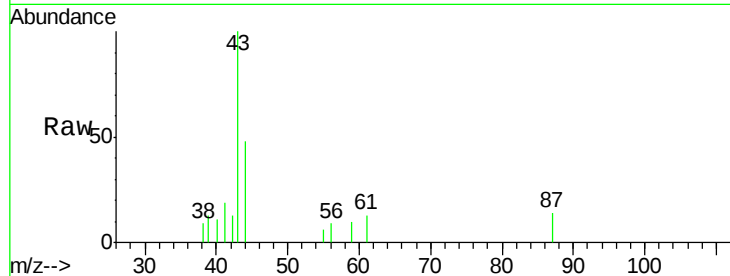
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 3.4 0.0 0.0#

61 16.8 15.6 23.4

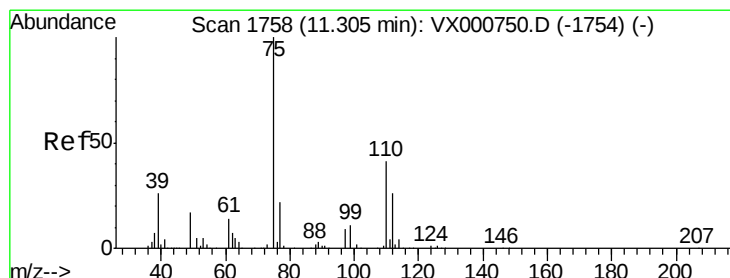
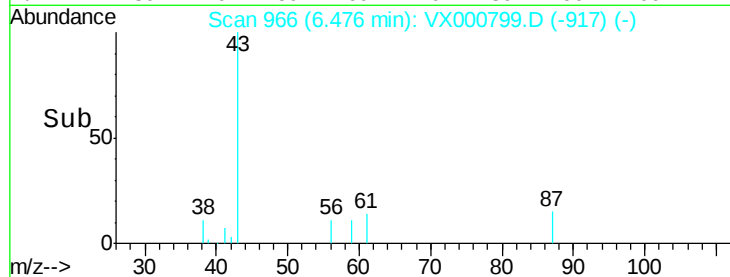
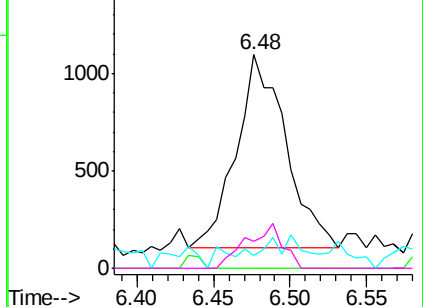


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 26.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000799.D

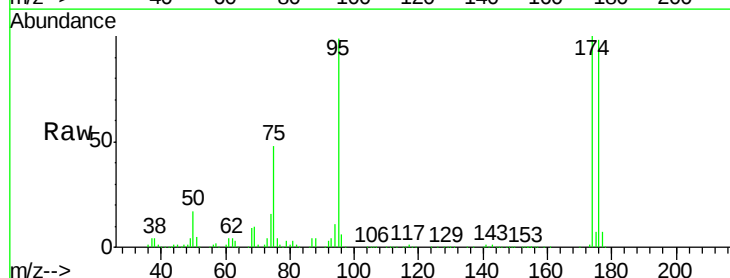
Acq: 12 Apr 2018 13:59

Tgt Ion: 75 Resp: 94594

Ion Ratio Lower Upper

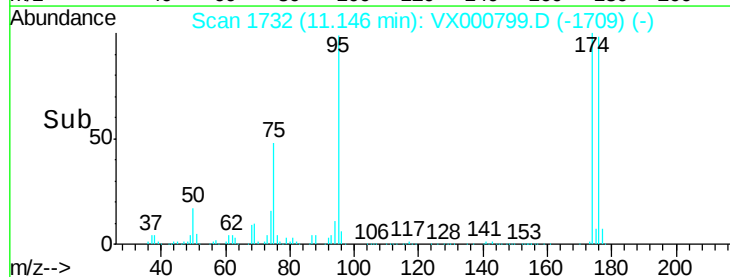
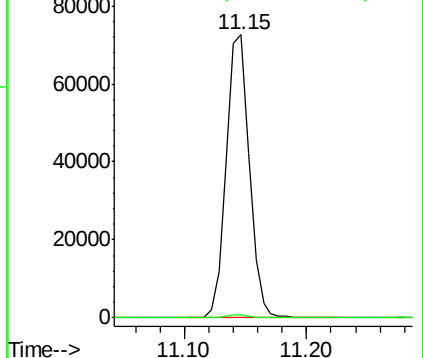
75 100

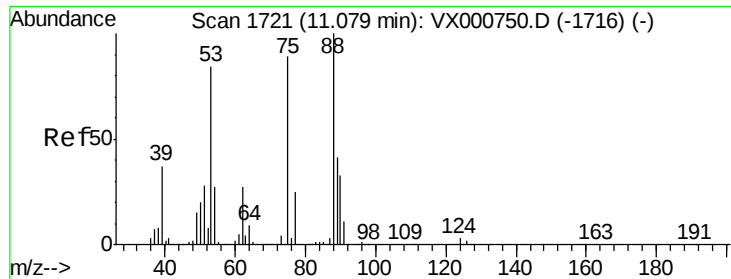
77 1.3 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.50 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

WC-PH3-AR-02

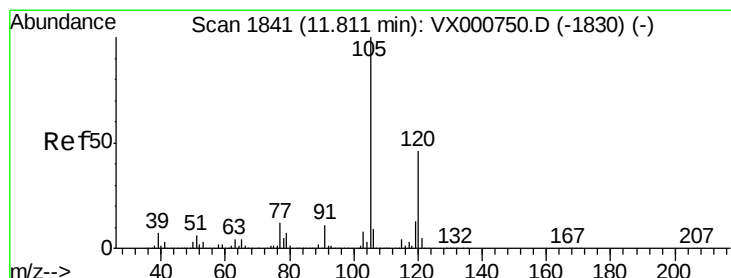
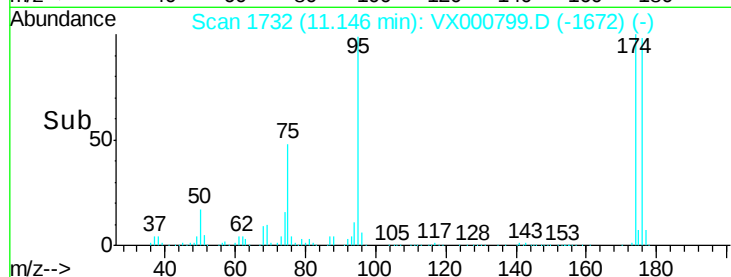
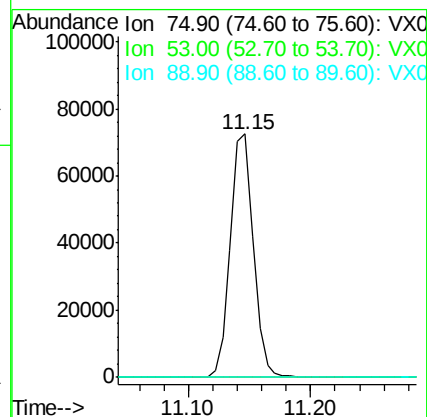
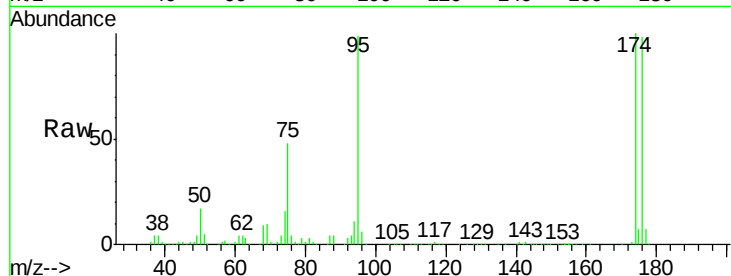
Tgt Ion: 75 Resp: 94594

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#



#84

1,2,4-Trimethylbenzene

Concen: 0.39 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX000799.D

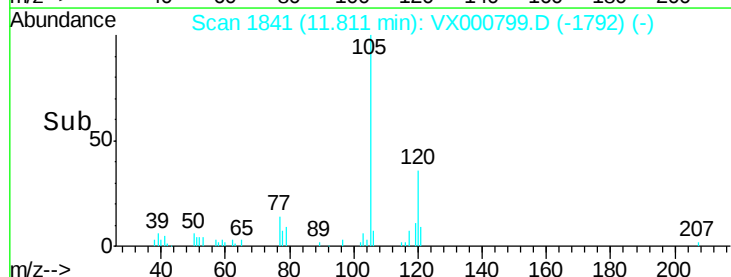
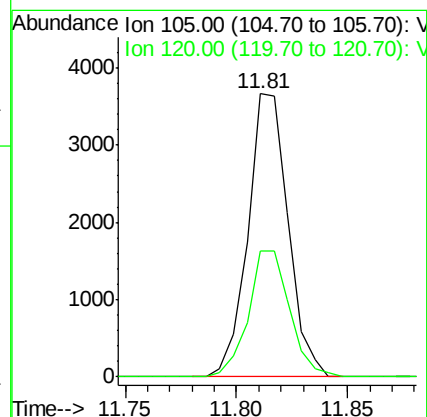
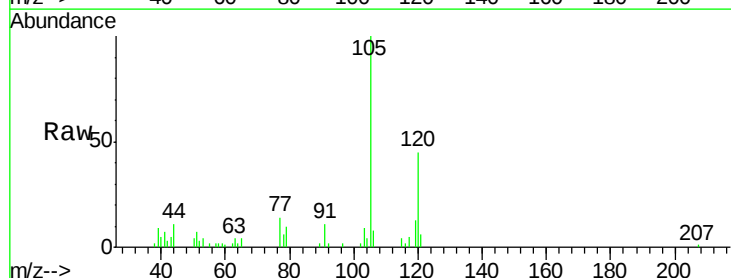
Acq: 12 Apr 2018 13:59

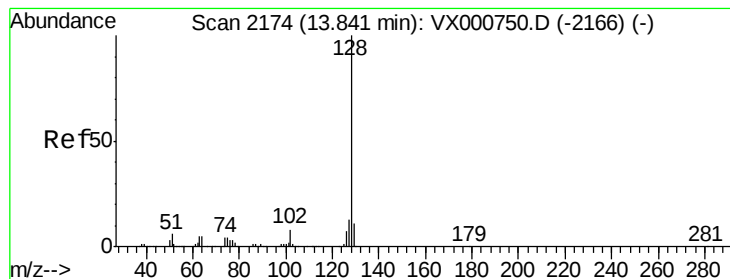
Tgt Ion: 105 Resp: 4623

Ion Ratio Lower Upper

105 100

120 45.7 23.1 69.3





#95

Naphthalene

Concen: 11.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000799.D

Acq: 12 Apr 2018 13:59

Instrument :

MSVOA_X

ClientSampleId :

WC-PH3-AR-02

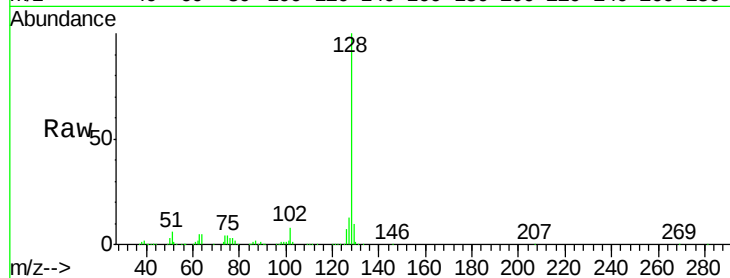
Tgt Ion:128 Resp: 175771

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.7 8.7 13.1



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

