

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002975.D
 Acq On : 28 Jun 2018 09:17
 Operator : JC/MD
 Sample : J3691-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-2EC

Quant Time: Jun 28 16:12:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

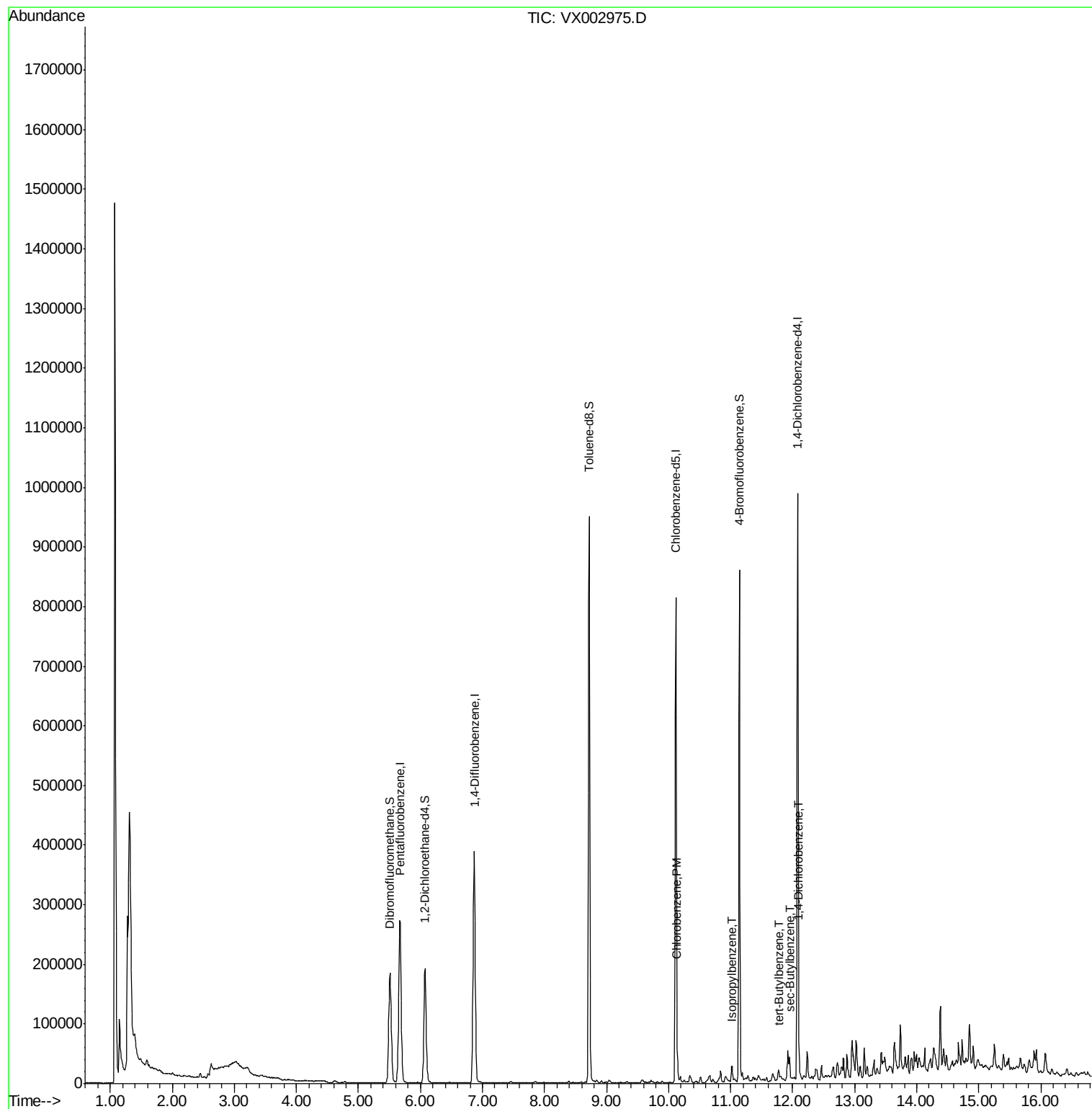
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183992	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.51	113	152732	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	8.72	98	544534	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.14	95	199576	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
65) Chlorobenzene	10.14	112	13043	1.43	ug/l	94
73) Isopropylbenzene	11.02	105	12985	0.91	ug/l	98
83) tert-Butylbenzene	11.77	119	6365	0.54	ug/l	92
85) sec-Butylbenzene	11.95	105	16799	1.17	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	11021	1.45	ug/l #	80

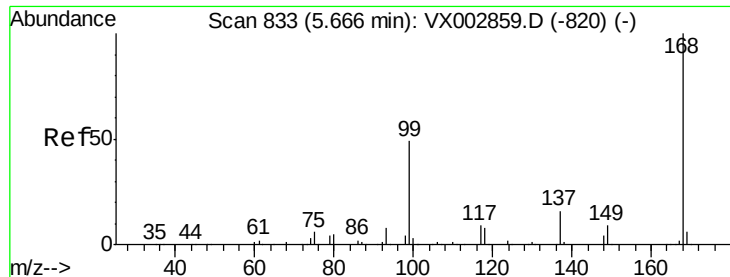
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002975.D

Acq: 28 Jun 2018 09:17

Instrument :

MSVOA_X

ClientSampleId :

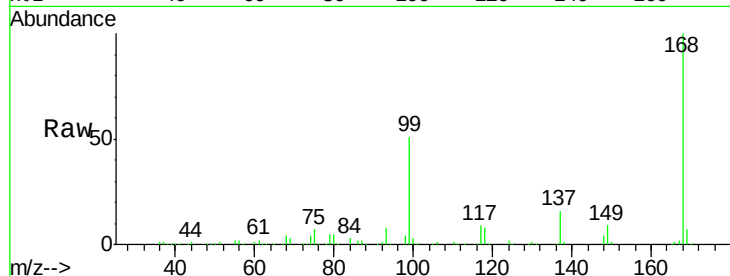
W-2EC

Tot Ion:168 Resp: 275375

Ion Ratio Lower Upper

168 100

99 51.1 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

100000

80000

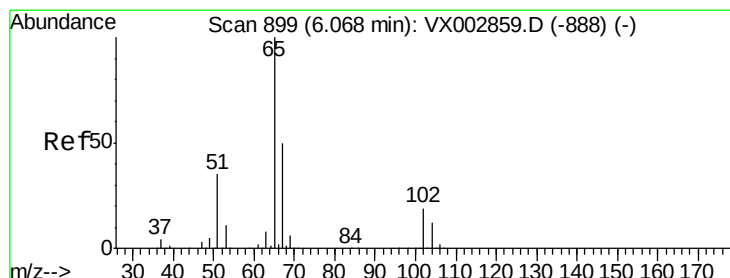
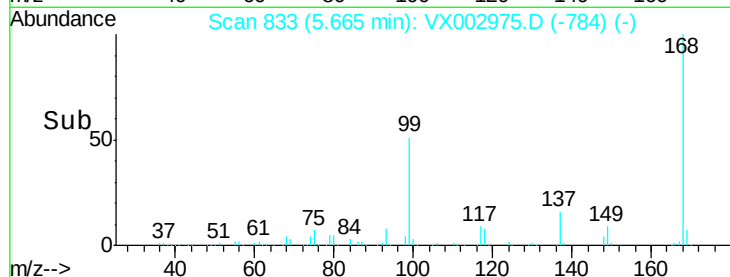
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 48.34 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002975.D

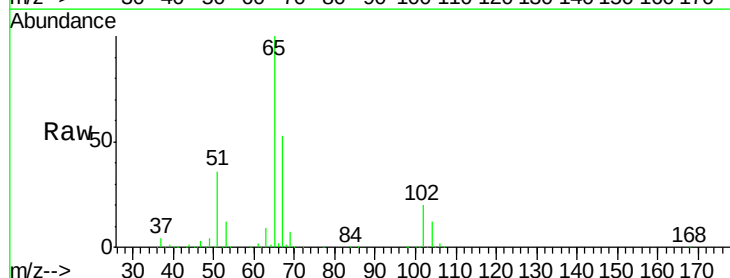
Acq: 28 Jun 2018 09:17

Tgt Ion: 65 Resp: 183992

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

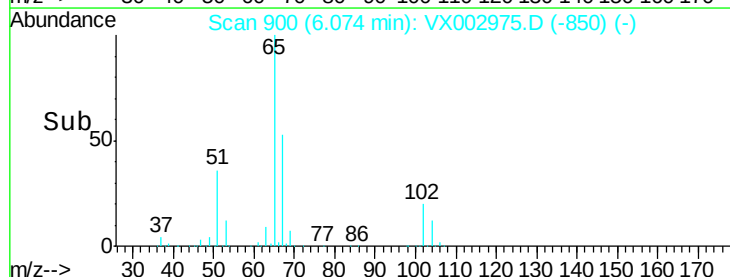
60000

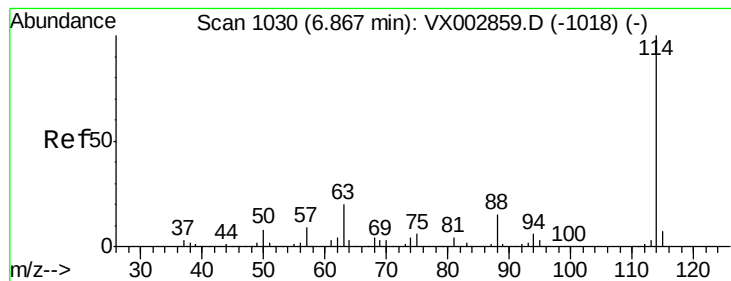
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002975.D

Acq: 28 Jun 2018 09:17

Instrument :

MSVOA_X

ClientSampleId :

W-2EC

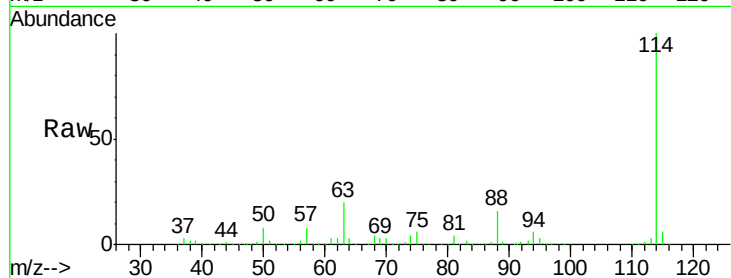
Tot Ion:114 Resp: 384841

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

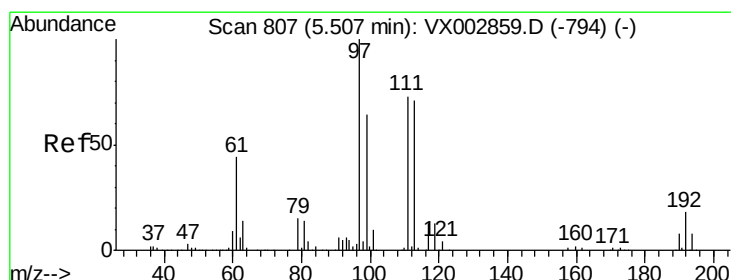
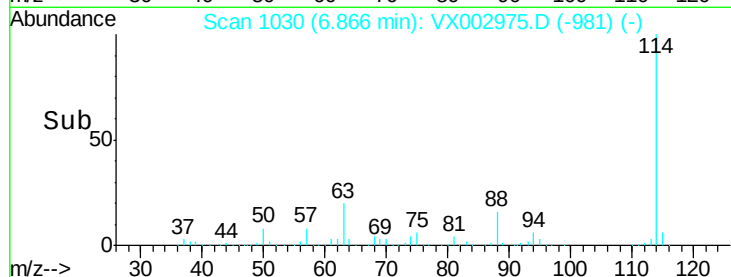
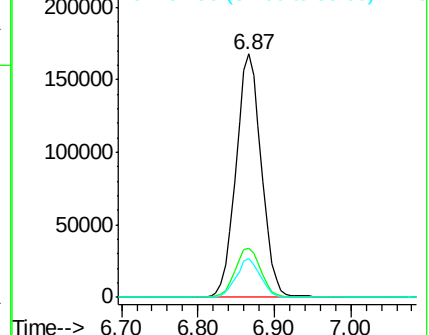
88 15.9 0.0 30.0



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: 50.12 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002975.D

Acq: 28 Jun 2018 09:17

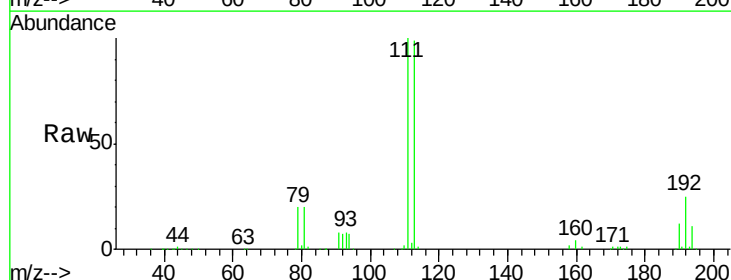
Tgt Ion:113 Resp: 152732

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

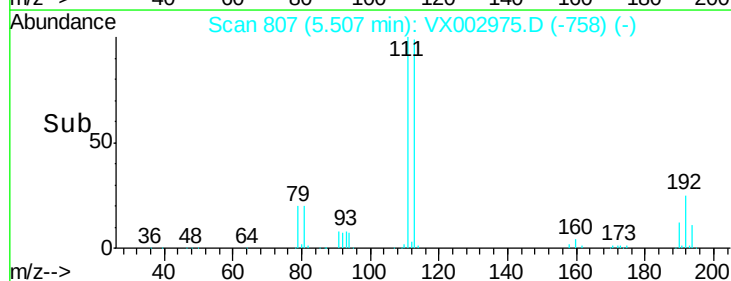
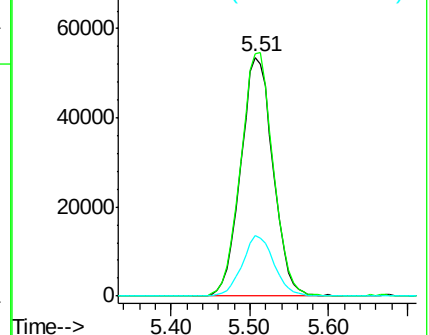
192 24.9 19.1 28.7

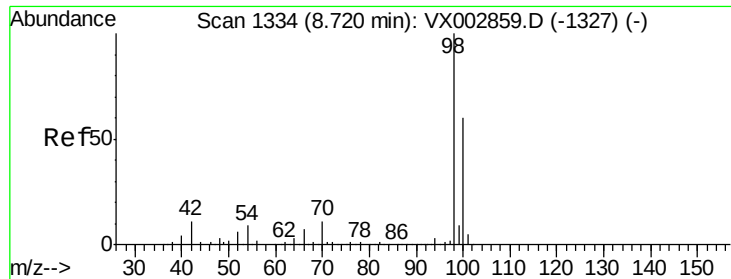


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

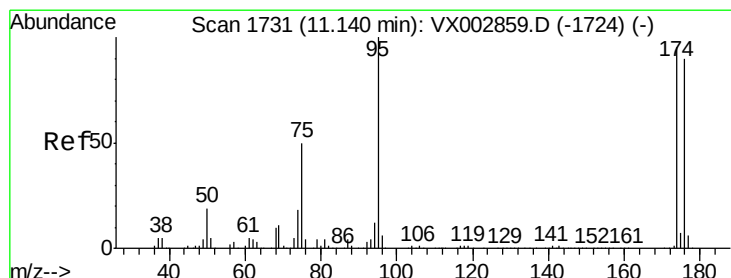
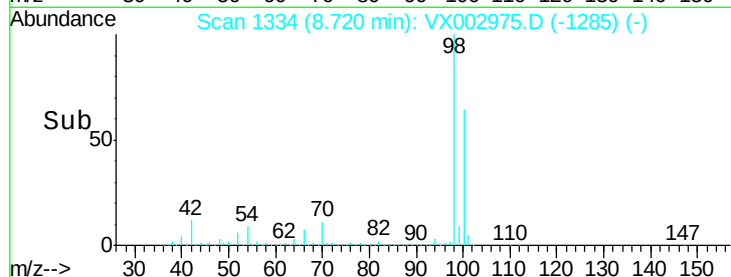
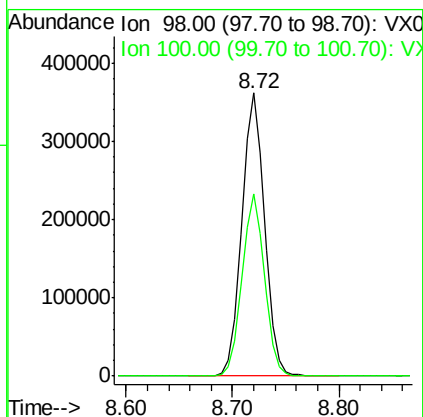
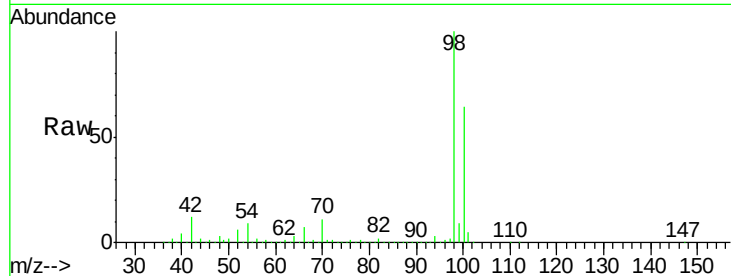




#50
Toluene-d8
Concen: 48.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002975.D
Acq: 28 Jun 2018 09:17

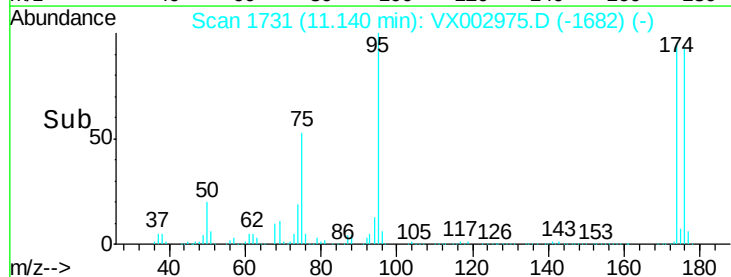
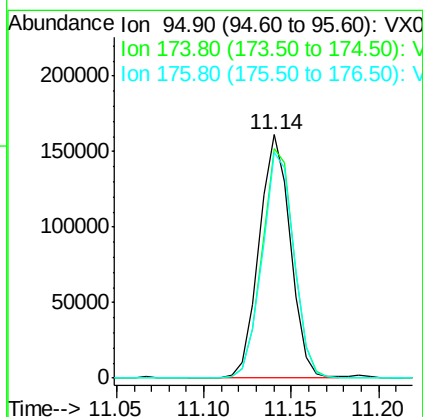
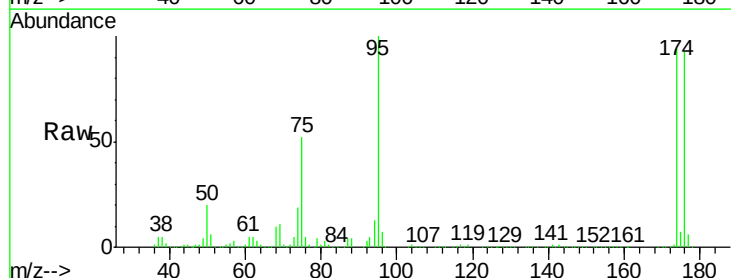
Instrument :
MSVOA_X
ClientSampleId :
W-2EC

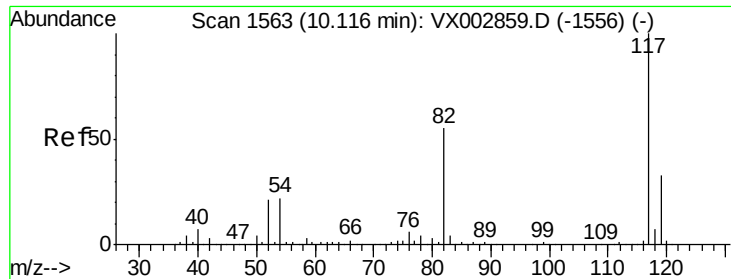
Tot Ion: 98 Resp: 544534
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002975.D
Acq: 28 Jun 2018 09:17

Tgt Ion: 95 Resp: 199576
Ion Ratio Lower Upper
95 100
174 96.6 0.0 187.4
176 94.4 0.0 181.0

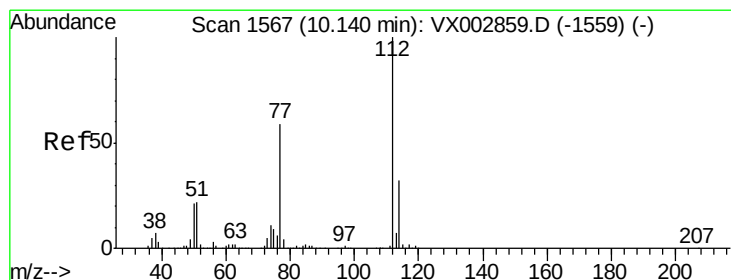
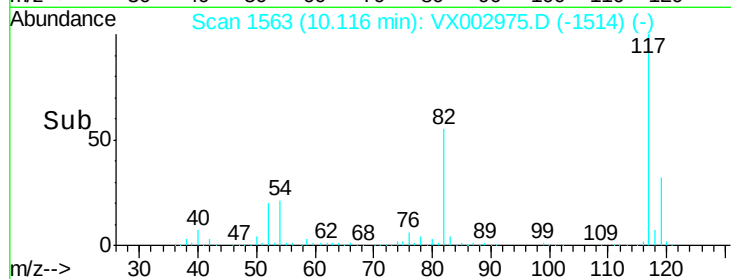
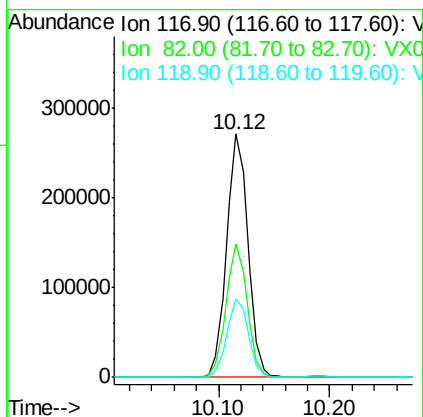
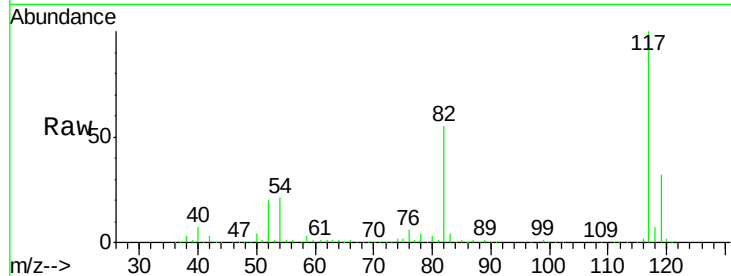




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002975.D
Acq: 28 Jun 2018 09:17

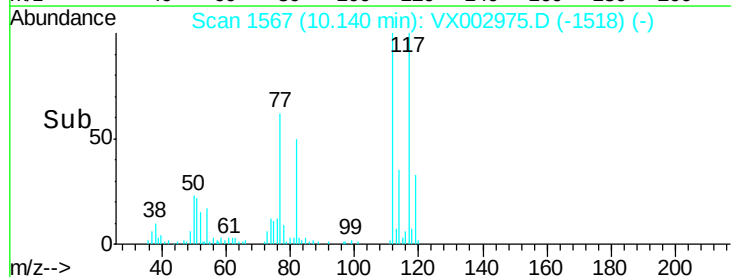
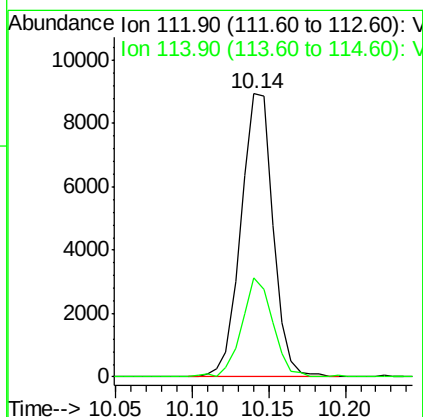
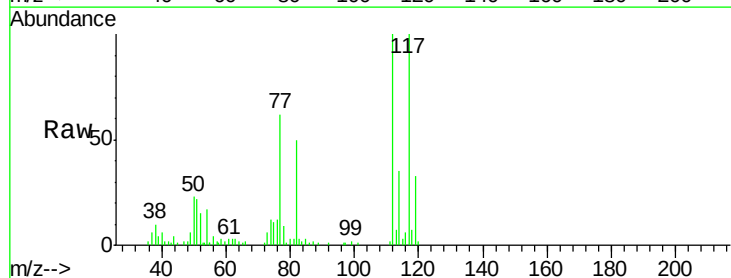
Instrument :
MSVOA_X
ClientSampled :
W-2EC

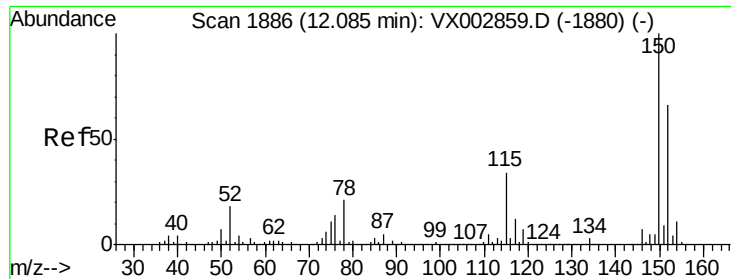
Tot Ion:117 Resp: 359630
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.0 25.8 38.6



#65
Chlorobenzene
Concen: 1.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002975.D
Acq: 28 Jun 2018 09:17

Tgt Ion:112 Resp: 13043
Ion Ratio Lower Upper
112 100
114 35.2 25.3 37.9

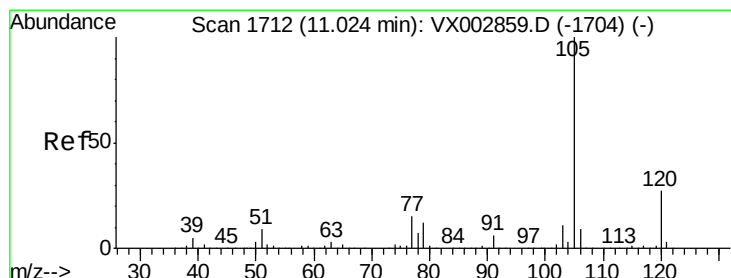
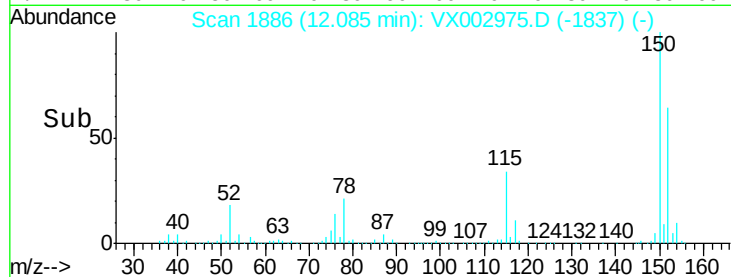
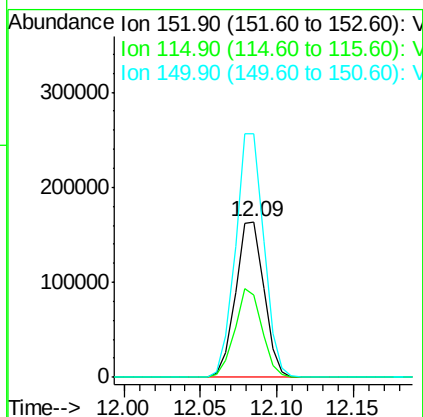
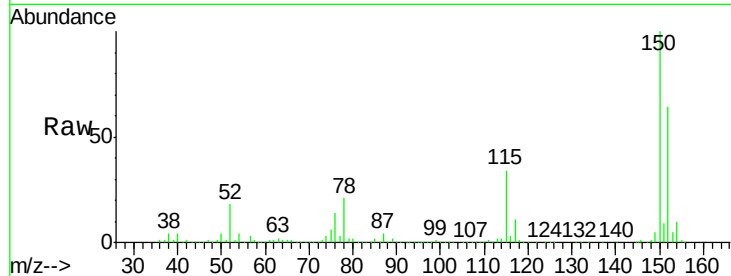




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002975.D
 Acq: 28 Jun 2018 09:17

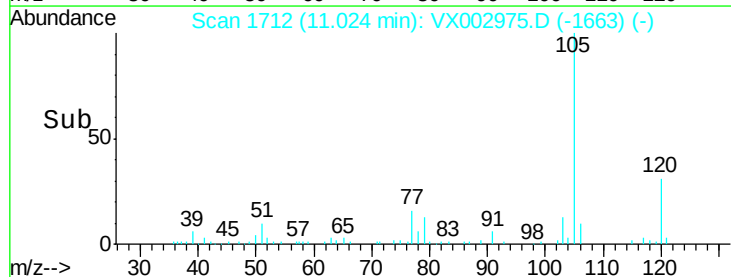
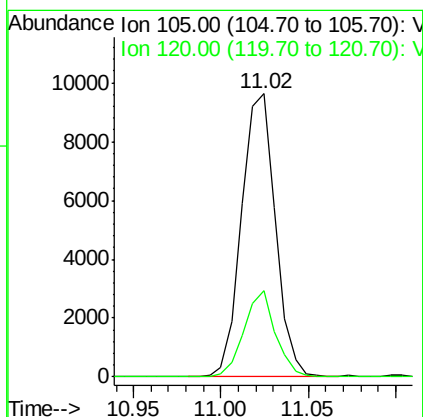
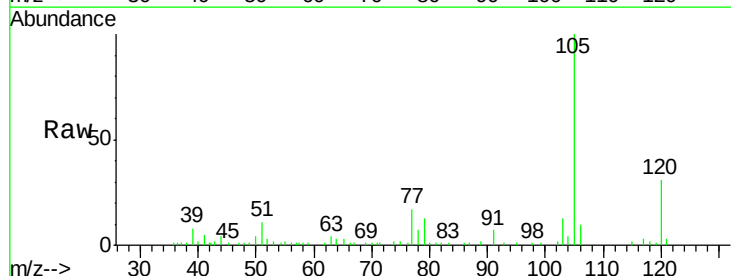
Instrument :
 MSVOA_X
 ClientSampleId :
 W-2EC

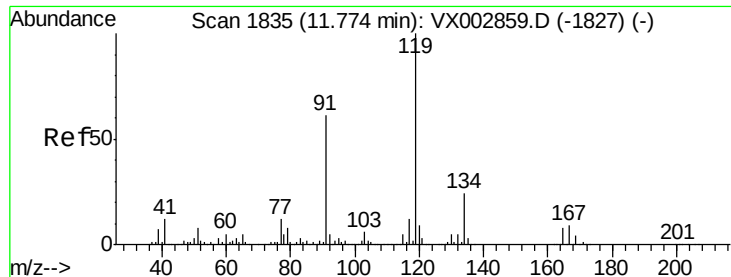
Tot Ion:152 Resp: 211287
 Ion Ratio Lower Upper
 152 100
 115 54.6 40.1 120.2
 150 156.4 0.0 347.2



#73
 Isopropylbenzene
 Concen: 0.91 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX002975.D
 Acq: 28 Jun 2018 09:17

Tgt Ion:105 Resp: 12985
 Ion Ratio Lower Upper
 105 100
 120 28.1 13.5 40.4

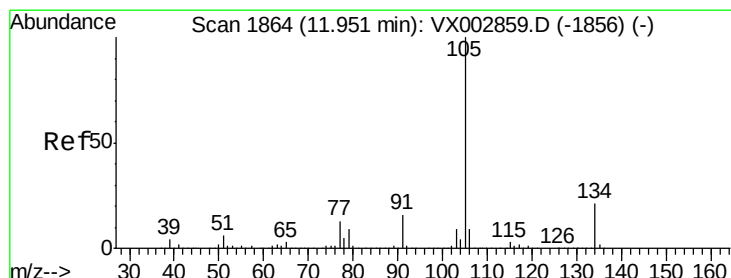
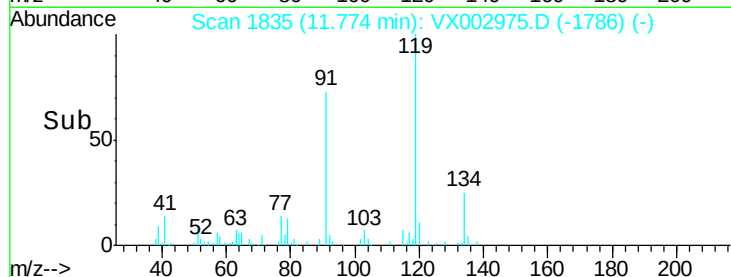
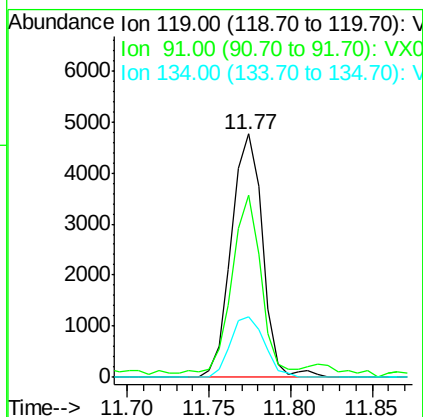
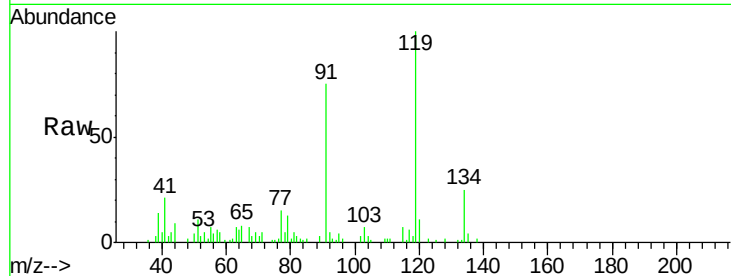




#83
tert-Butylbenzene
Concen: 0.54 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002975.D
Acq: 28 Jun 2018 09:17

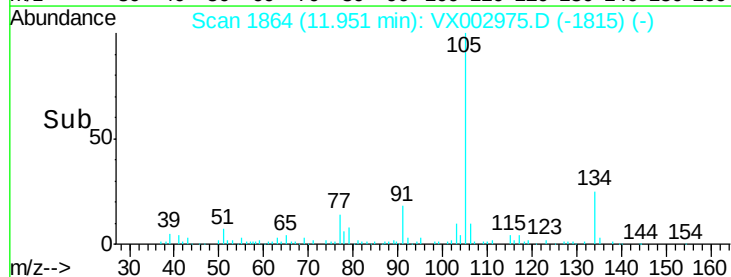
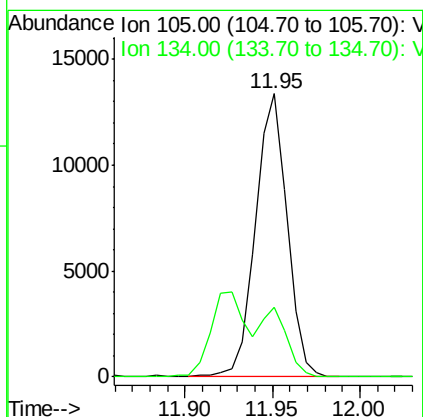
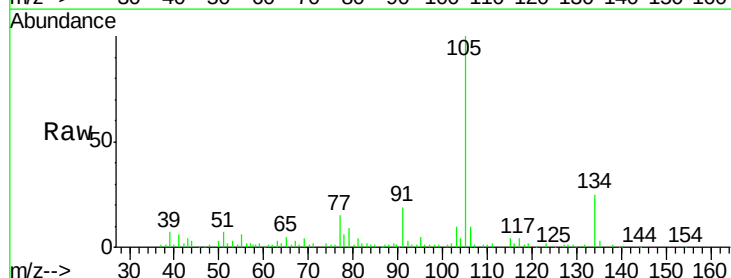
Instrument :
MSVOA_X
ClientSampleId :
W-2EC

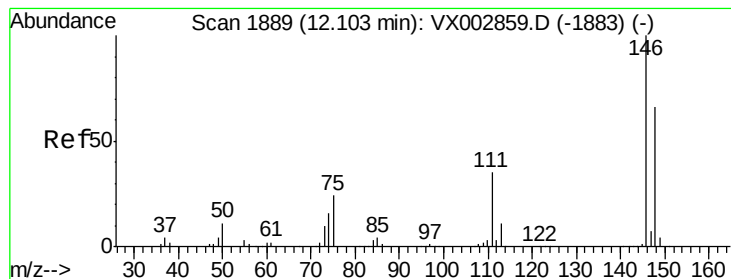
Tot Ion:119 Resp: 6365
Ion Ratio Lower Upper
119 100
91 67.4 30.3 90.9
134 26.9 11.7 35.1



#85
sec-Butylbenzene
Concen: 1.17 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002975.D
Acq: 28 Jun 2018 09:17

Tgt Ion:105 Resp: 16799
Ion Ratio Lower Upper
105 100
134 19.9 10.4 31.1





#88

1,4-Dichlorobenzene

Concen: 1.45 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002975.D

Acq: 28 Jun 2018 09:17

Instrument :

MSVOA_X

ClientSampleId :

W-2EC

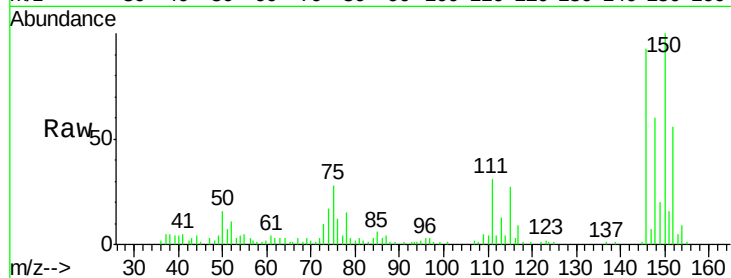
Tot Ion:146 Resp: 11021

Ion Ratio Lower Upper

146 100

111 61.5 18.7 56.1#

148 70.7 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

