

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000930.D
 Acq On : 16 Apr 2018 20:05
 Operator : JC/MD
 Sample : J2308-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-180409

Quant Time: Apr 17 06:52:00 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

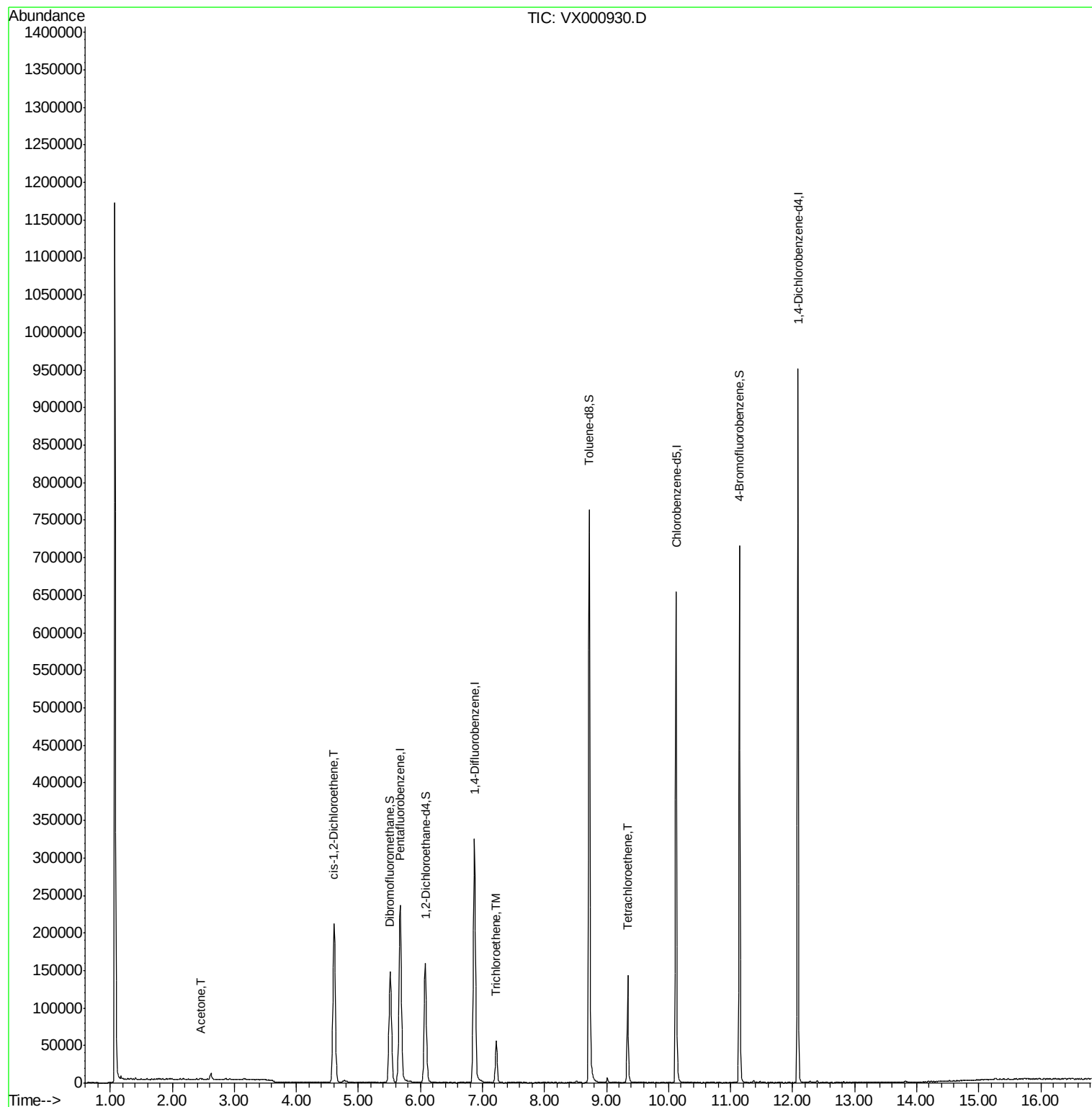
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	155796	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	122201	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
50) Toluene-d8	8.72	98	486513	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.15	95	183758	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	2.45	43	2106	1.88	ug/l	# 81
27) cis-1,2-Dichloroethene	4.61	96	139420	47.08	ug/l	88
44) Trichloroethene	7.22	130	22595	6.80	ug/l	96
64) Tetrachloroethene	9.34	164	30457	9.73	ug/l	98

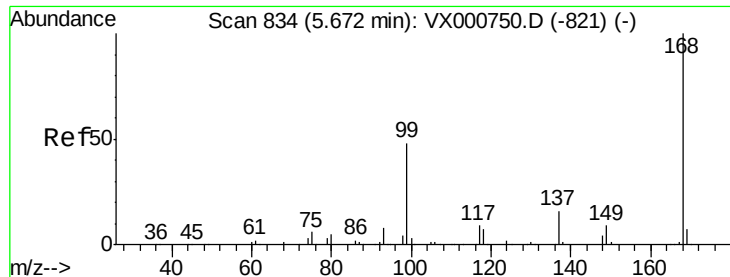
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

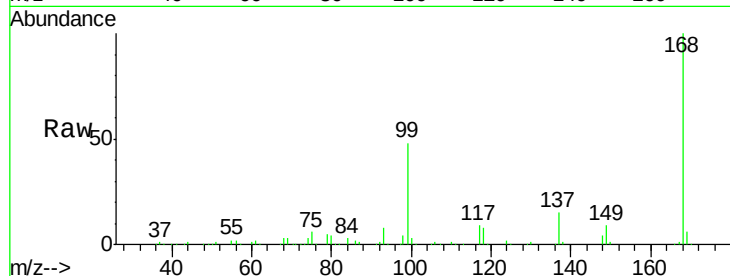
KY038PS027-180409

Tot Ion:168 Resp: 257844

Ion Ratio Lower Upper

168 100

99 48.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

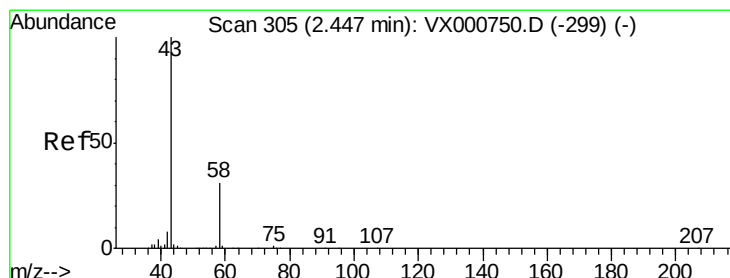
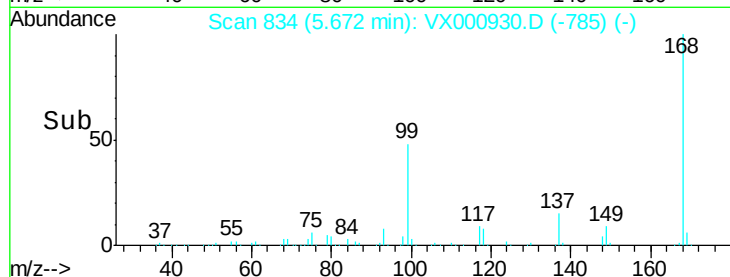
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 1.88 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000930.D

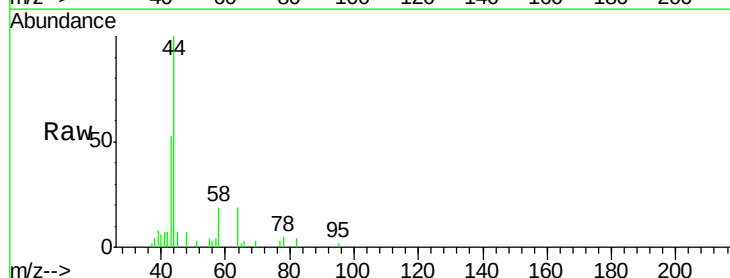
Acq: 16 Apr 2018 20:05

Tgt Ion: 43 Resp: 2106

Ion Ratio Lower Upper

43 100

58 41.1 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

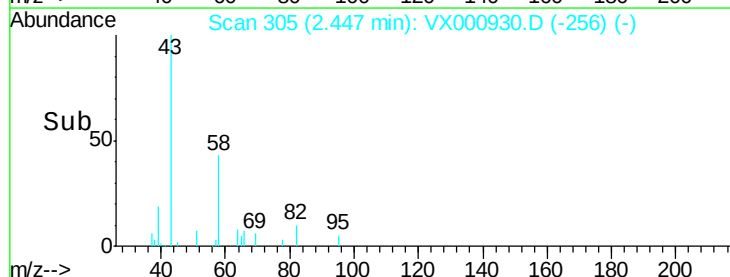
1500

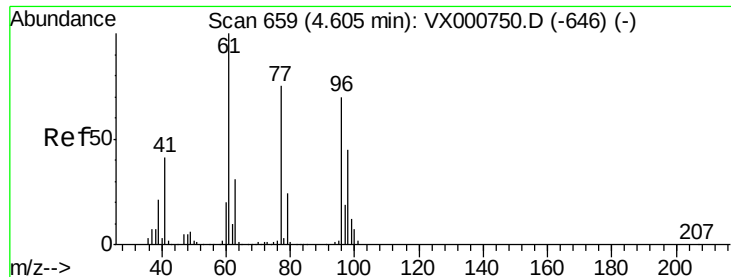
1000

500

0

Time--> 2.40 2.45 2.50





#27

cis-1,2-Dichloroethene

Concen: 47.08 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000930.D

Acq: 16 Apr 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-180409

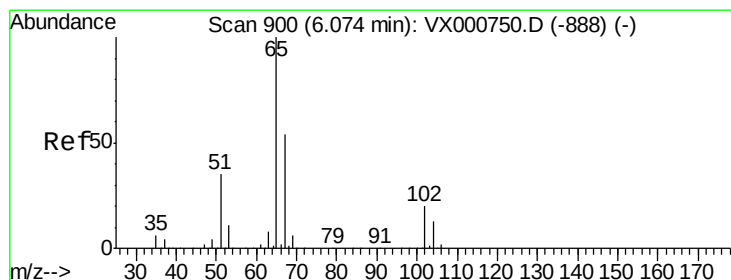
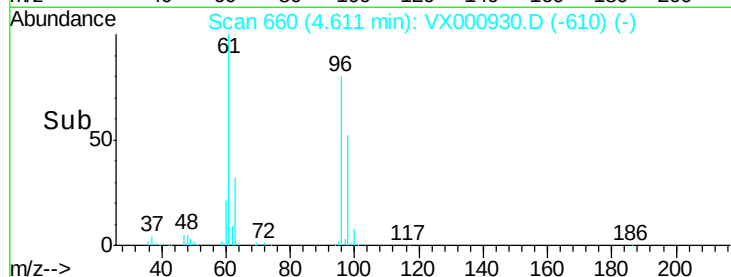
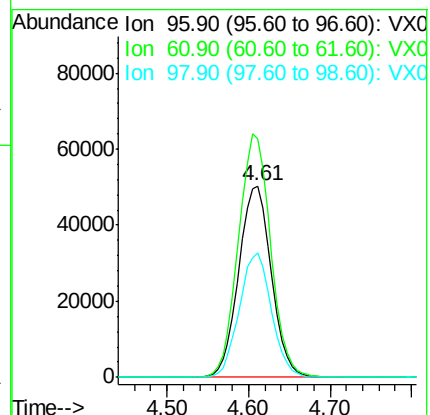
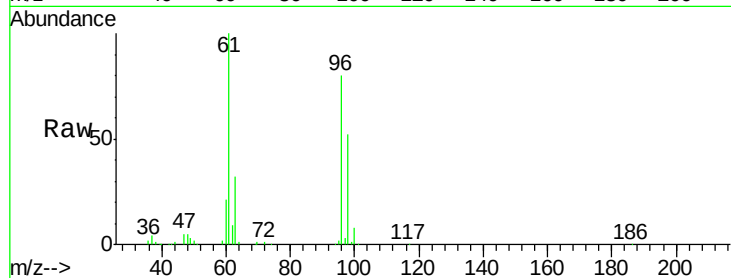
Tot Ion: 96 Resp: 139420

Ion Ratio Lower Upper

96 100

61 126.0 0.0 292.4

98 64.1 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 47.92 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000930.D

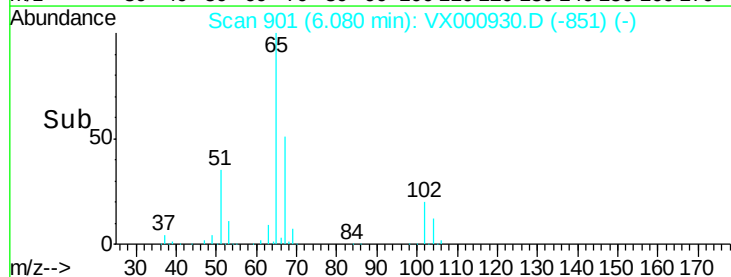
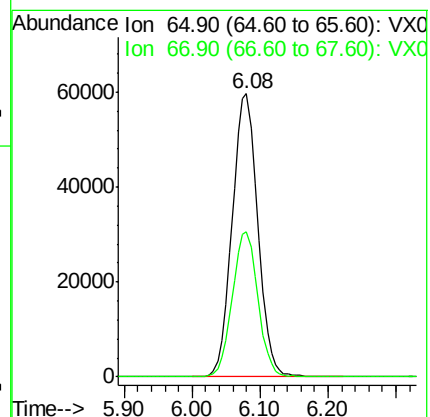
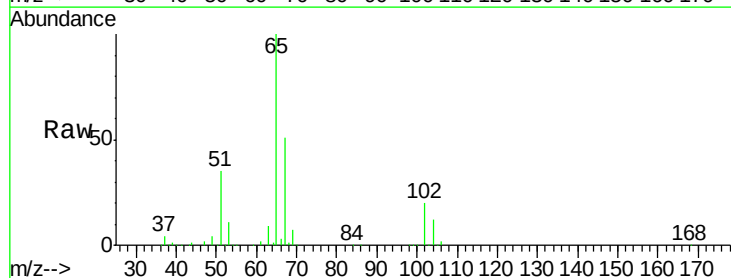
Acq: 16 Apr 2018 20:05

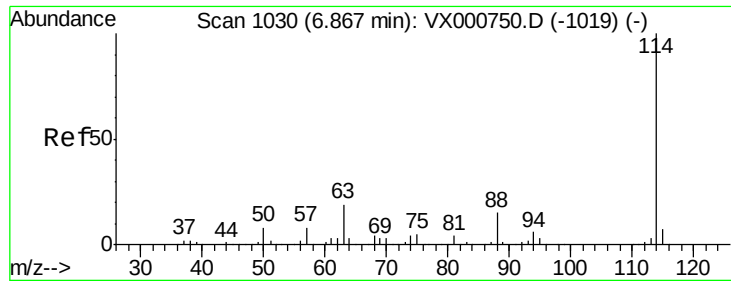
Tgt Ion: 65 Resp: 155796

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.8

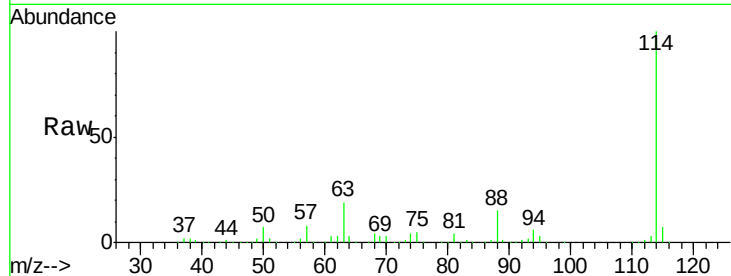




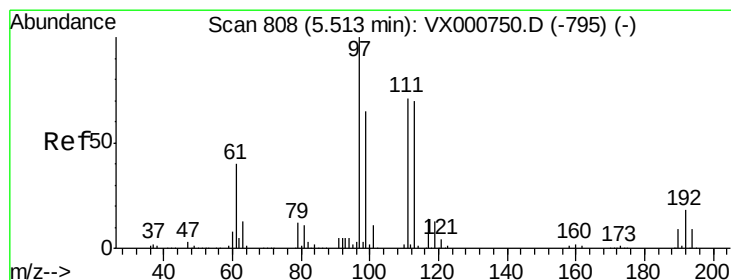
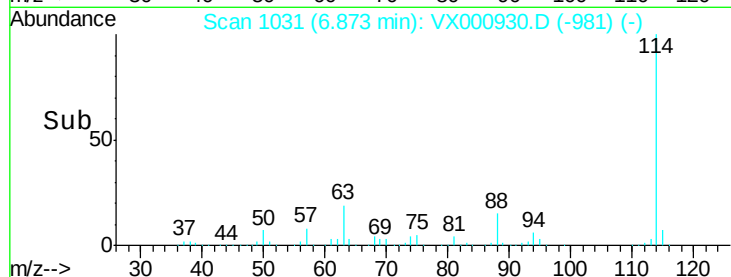
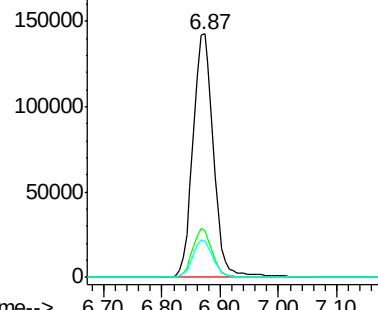
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000930.D
 Acq: 16 Apr 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-180409

Tot Ion:114 Resp: 349058
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 14.8 0.0 31.0

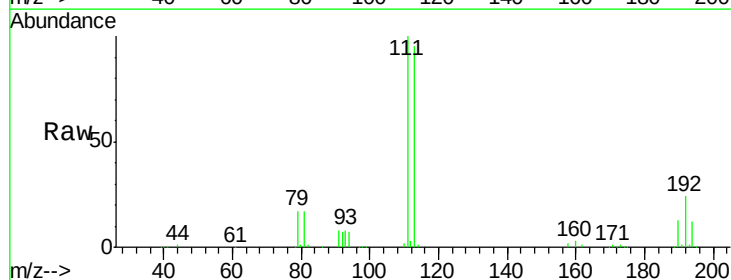


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

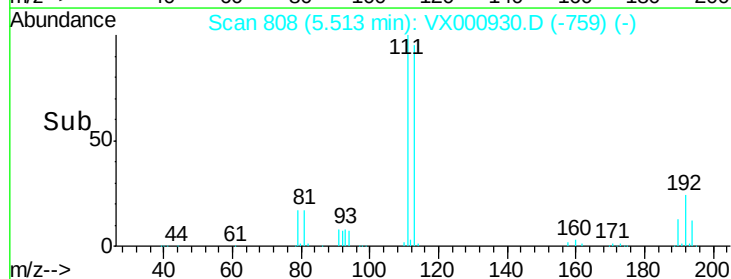
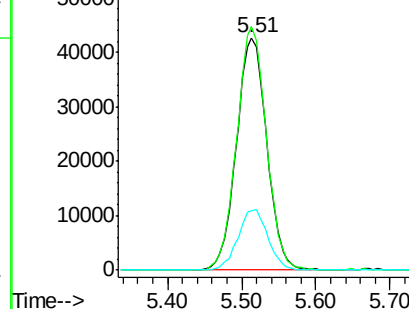


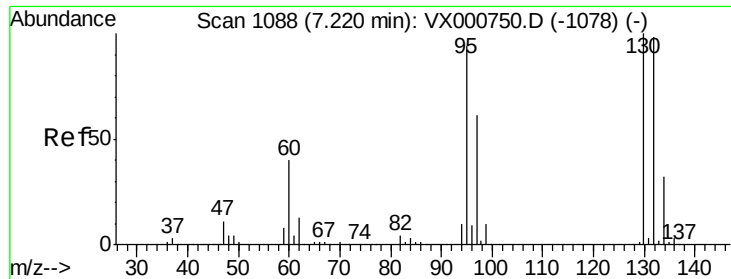
#35
 Dibromofluoromethane
 Concen: 45.44 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000930.D
 Acq: 16 Apr 2018 20:05

Tgt Ion:113 Resp: 122201
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 25.6 20.4 30.6



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





#44

Trichloroethene

Concen: 6.80 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000930.D

Acq: 16 Apr 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

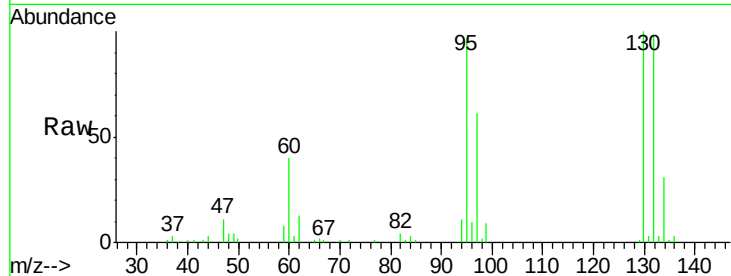
KY038PS027-180409

Tot Ion:130 Resp: 22595

Ion Ratio Lower Upper

130 100

95 97.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

12000

10000

8000

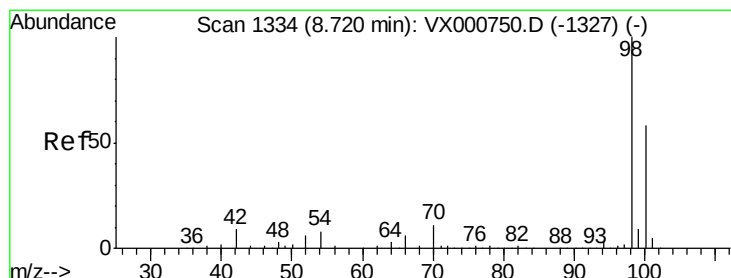
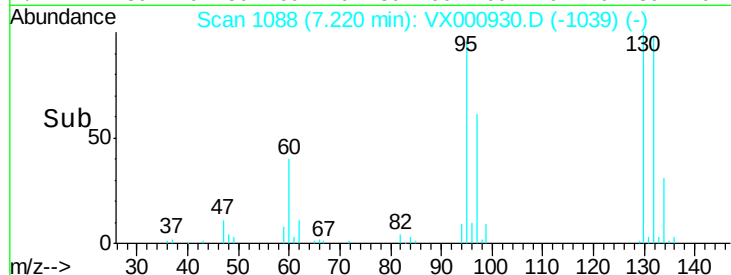
6000

4000

2000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 48.59 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000930.D

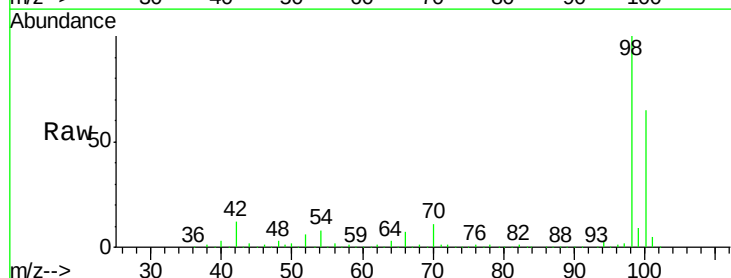
Acq: 16 Apr 2018 20:05

Tgt Ion: 98 Resp: 486513

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

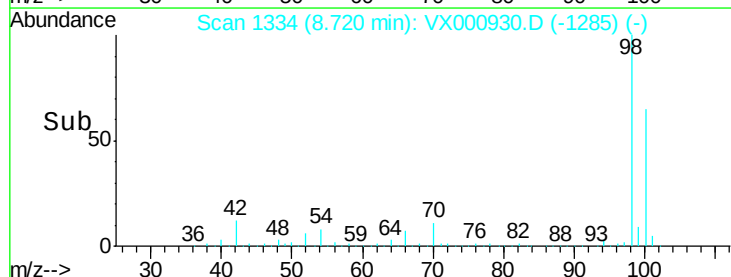
300000

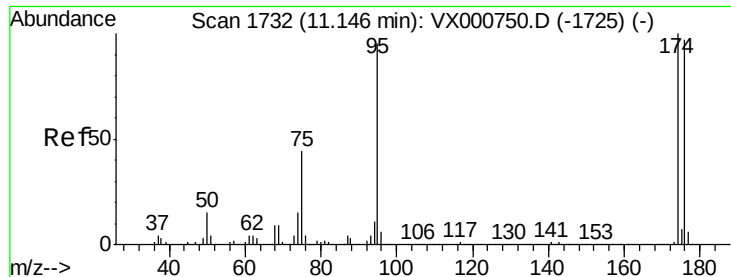
200000

100000

0

Time--> 8.60 8.70 8.80 8.90 9.00

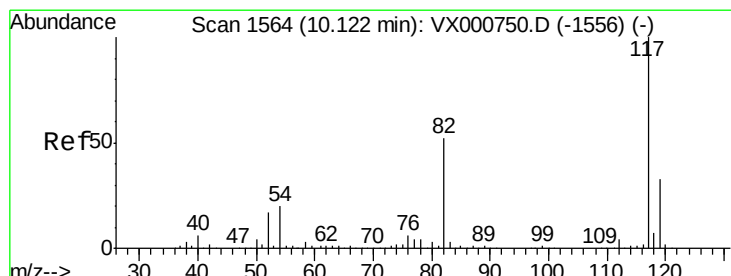
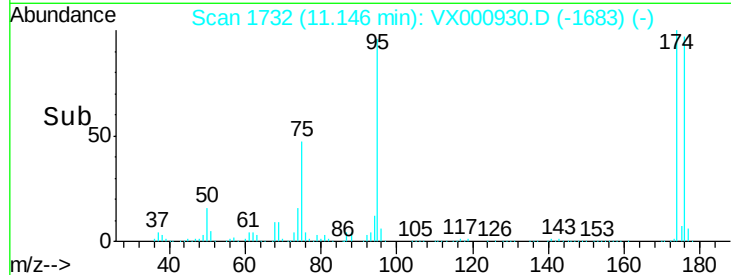
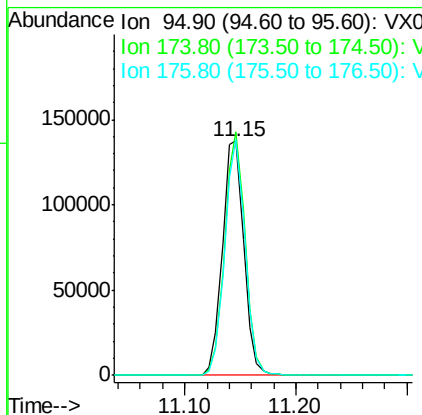
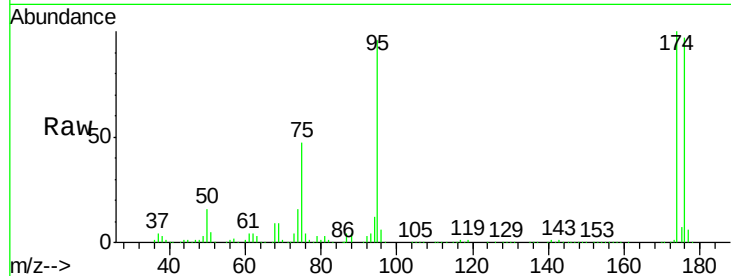




#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000930.D
Acq: 16 Apr 2018 20:05

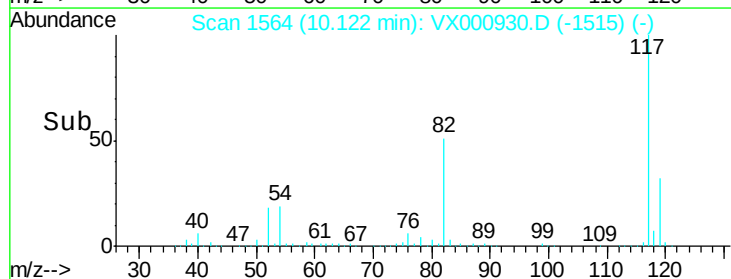
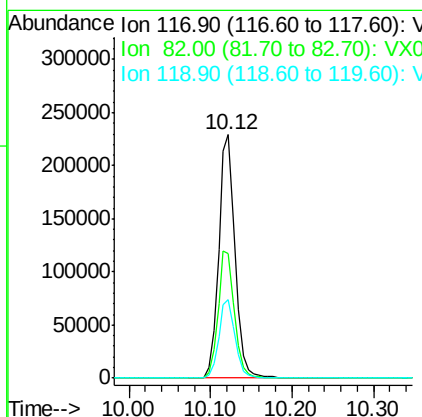
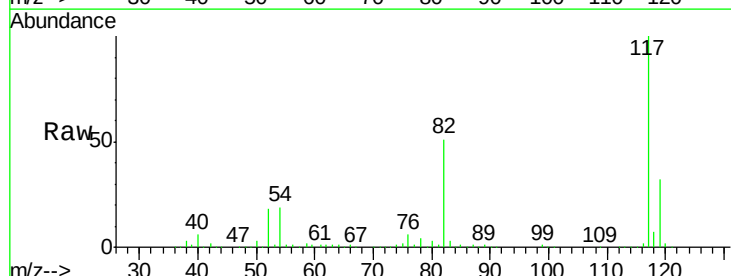
Instrument :
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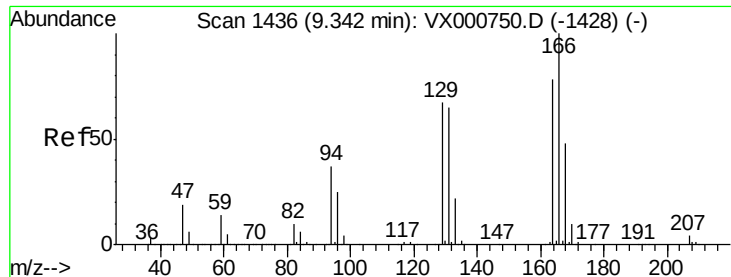
Tot Ion: 95 Resp: 183758
Ion Ratio Lower Upper
95 100
174 98.7 0.0 198.4
176 95.1 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000930.D
Acq: 16 Apr 2018 20:05

Tgt Ion: 117 Resp: 320195
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.3 26.0 39.0

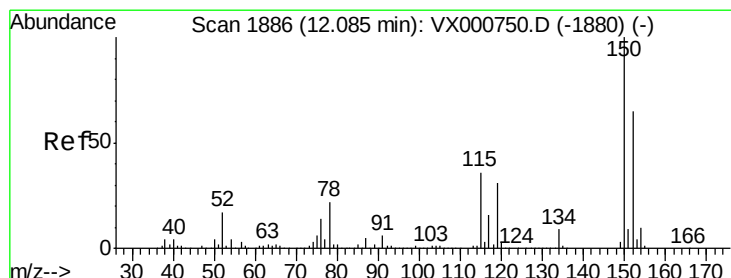
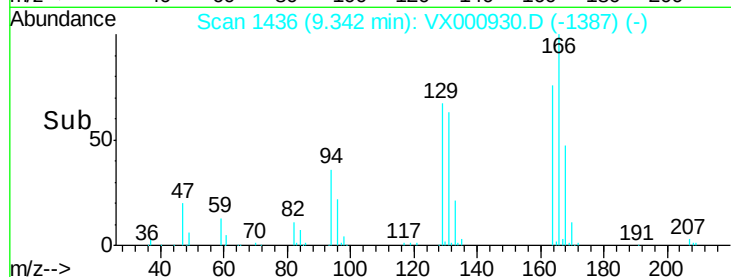
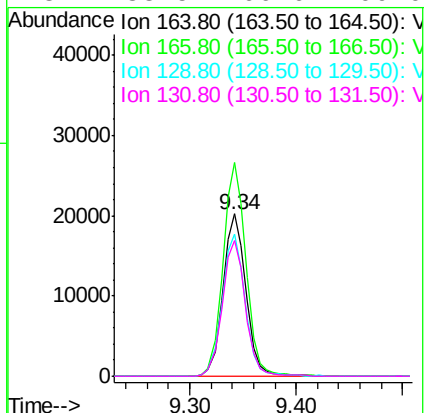
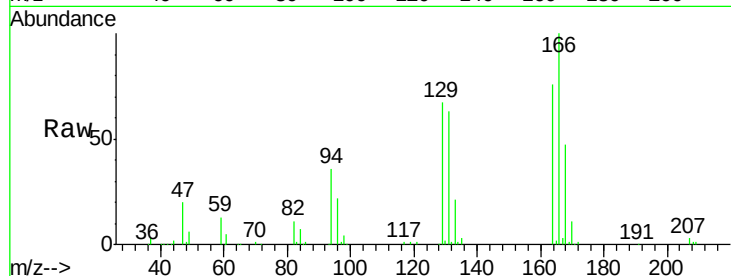




#64
Tetrachloroethene
Concen: 9.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000930.D
Acq: 16 Apr 2018 20:05

Instrument :
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Tot Ion	Ratio	Lower	Upper
164	100		
166	131.6	102.8	154.2
129	87.8	68.5	102.7
131	83.5	66.6	100.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000930.D
Acq: 16 Apr 2018 20:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.9	113.7
150	156.1	0.0	348.0

