

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001753.D
 Acq On : 15 May 2018 18:43
 Operator : JC/MD
 Sample : J2796-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-180507

Quant Time: May 16 11:46:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

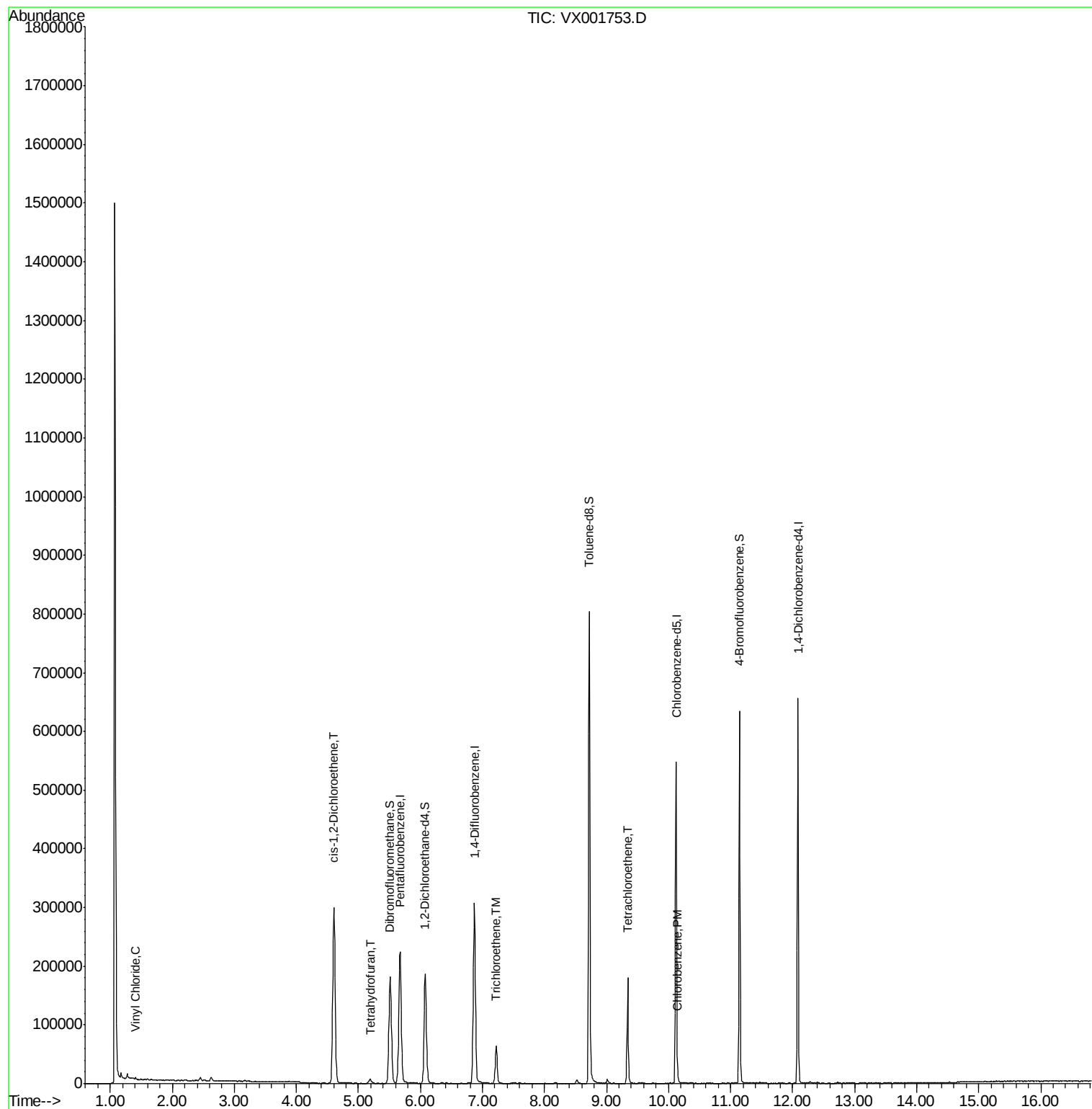
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	141982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178233	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	5.51	113	147543	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	8.72	98	493115	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.15	95	156481	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2251	0.80	ug/l	# 86
27) cis-1,2-Dichloroethene	4.60	96	198022	66.28	ug/l	91
29) Tetrahydrofuran	5.18	42	5422	4.28	ug/l	98
44) Trichloroethene	7.22	130	27084	7.96	ug/l	99
64) Tetrachloroethene	9.34	164	39299	11.10	ug/l	96
65) Chlorobenzene	10.15	112	3482	0.47	ug/l	91

(#) = 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

Lab File: VX001753.D

Acq: 15 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

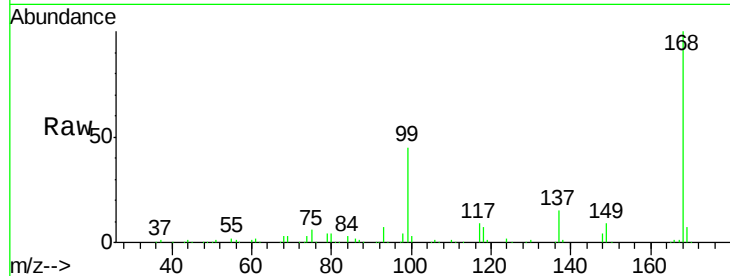
KY038PS027-180507

Tot Ion:168 Resp: 241122

Ion Ratio Lower Upper

168 100

99 45.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

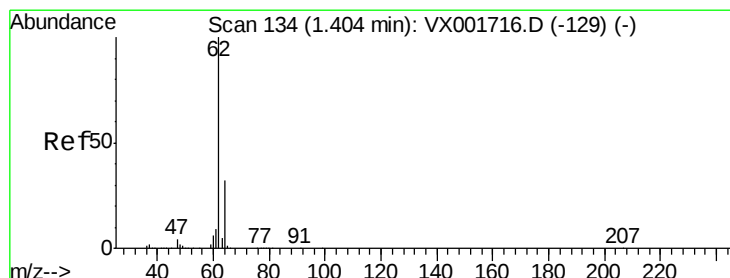
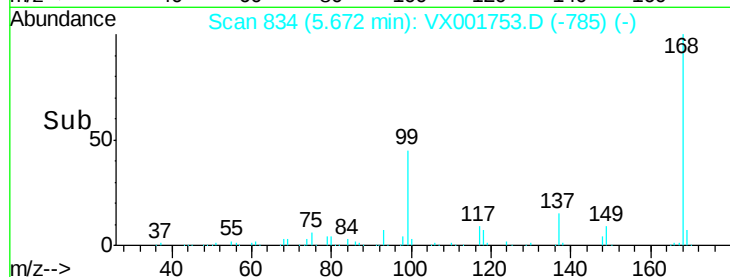
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001753.D

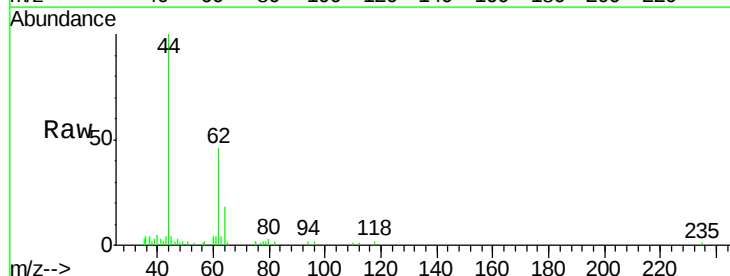
Acq: 15 May 2018 18:43

Tgt Ion: 62 Resp: 2251

Ion Ratio Lower Upper

62 100

64 39.5 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2500

2000

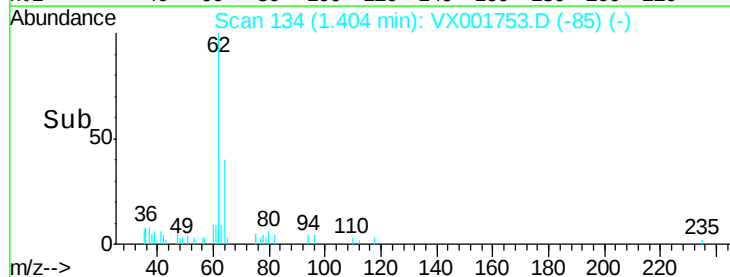
1500

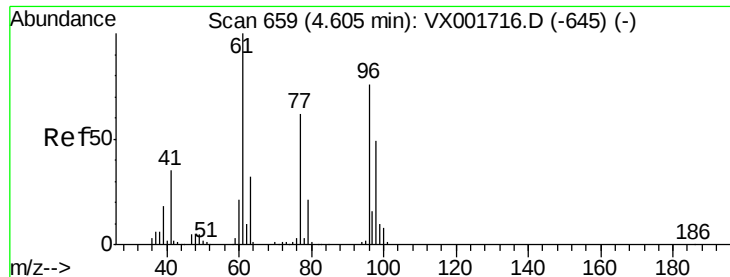
1000

500

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 66.28 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001753.D

Acq: 15 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-180507

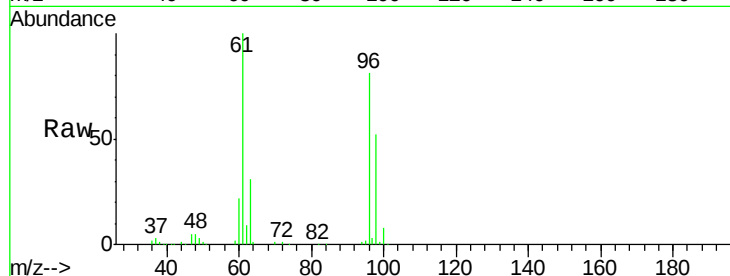
Tot Ion: 96 Resp: 198022

Ion Ratio Lower Upper

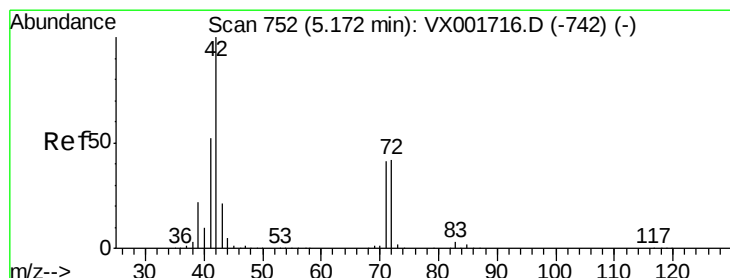
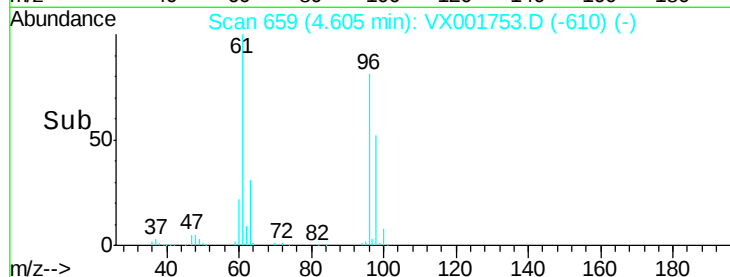
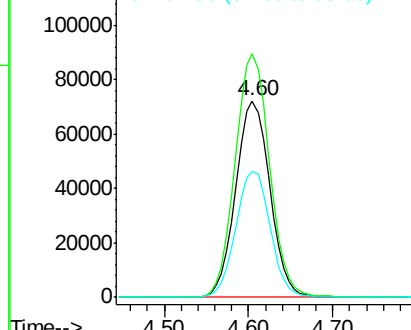
96 100

61 125.2 0.0 280.4

98 64.8 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 4.28 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001753.D

Acq: 15 May 2018 18:43

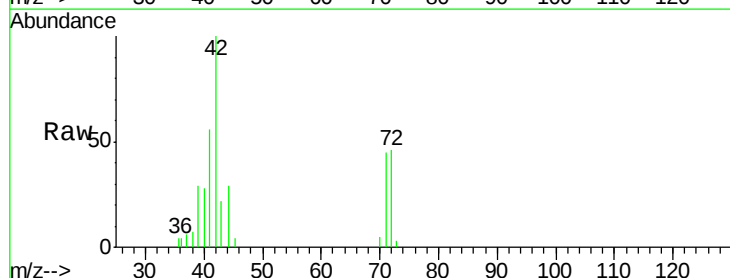
Tgt Ion: 42 Resp: 5422

Ion Ratio Lower Upper

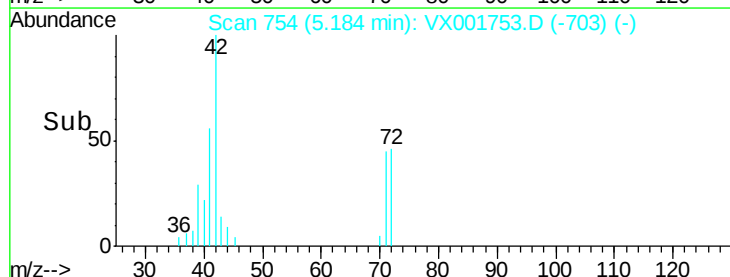
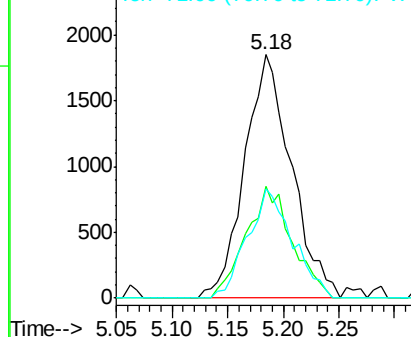
42 100

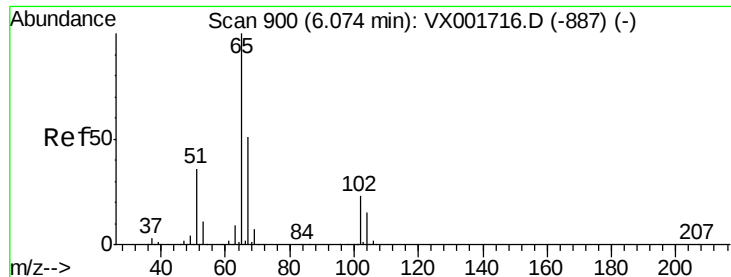
72 44.8 35.4 53.2

71 43.1 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.15 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001753.D

Acq: 15 May 2018 18:43

Instrument :

MSVOA_X

ClientSampleId :

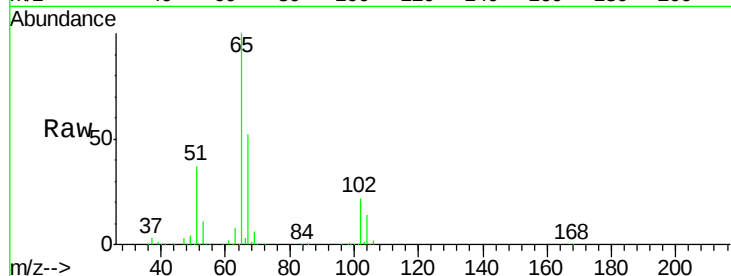
KY038PS027-180507

Tot Ion: 65 Resp: 178233

Ion Ratio Lower Upper

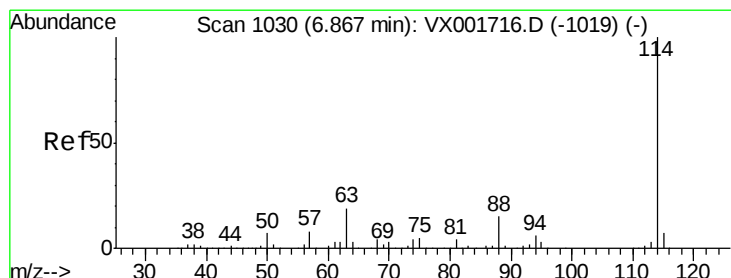
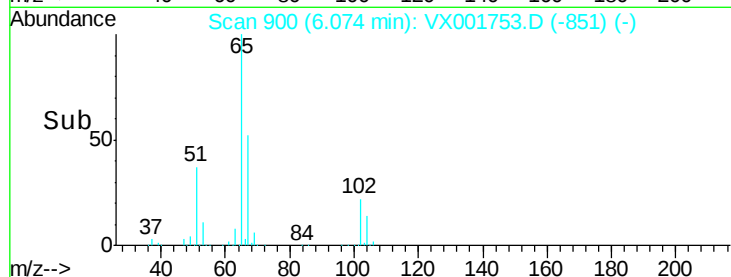
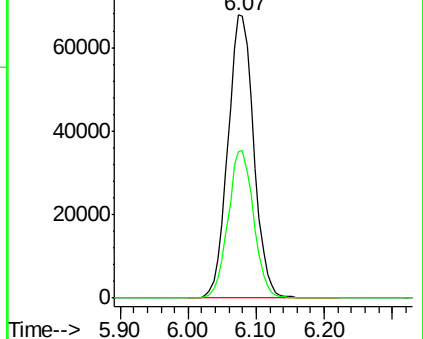
65 100

67 51.7 0.0 102.8



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# 1030

Delta R.T. -0.00 min

Lab File: VX001753.D

Acq: 15 May 2018 18:43

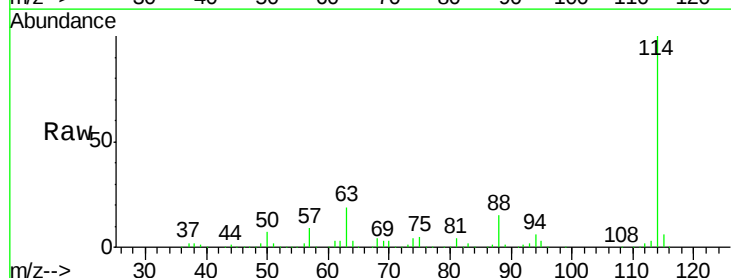
Tgt Ion: 114 Resp: 323338

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

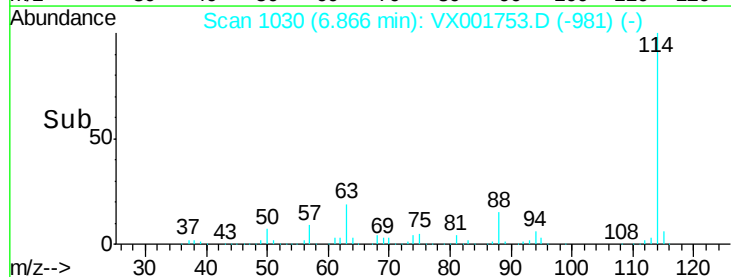
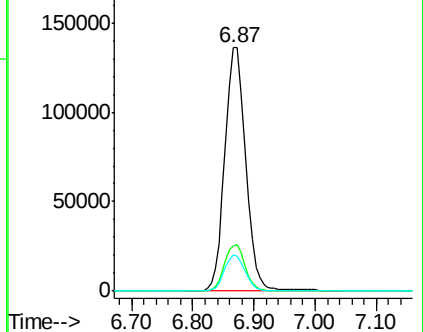
88 14.9 0.0 29.8

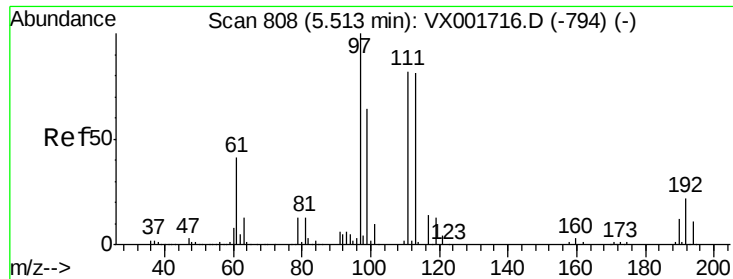


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

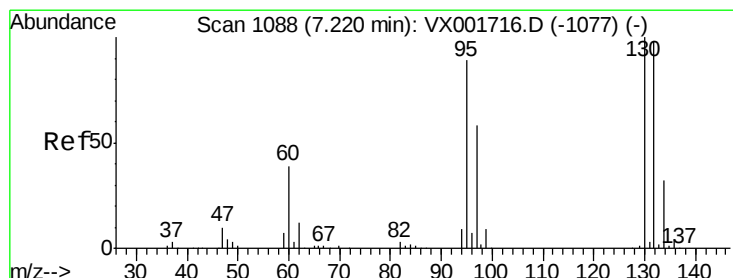
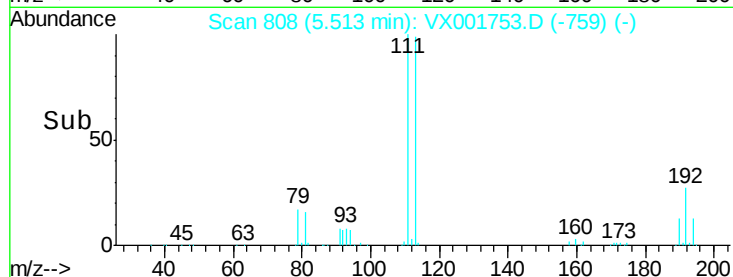
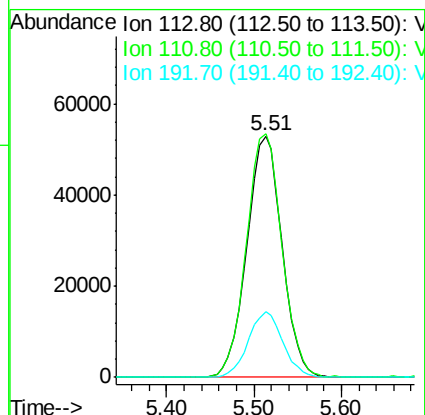
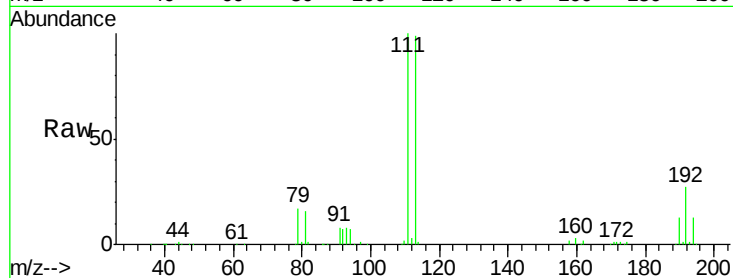




#35
Dibromofluoromethane
Concen: 54.07 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

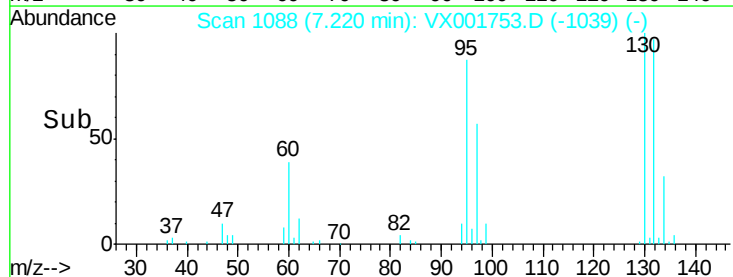
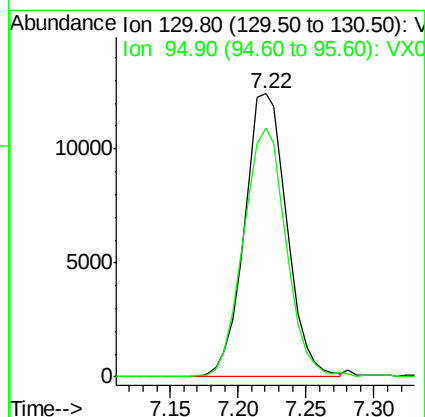
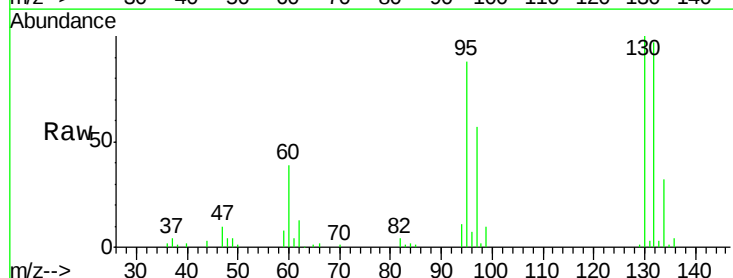
Instrument :
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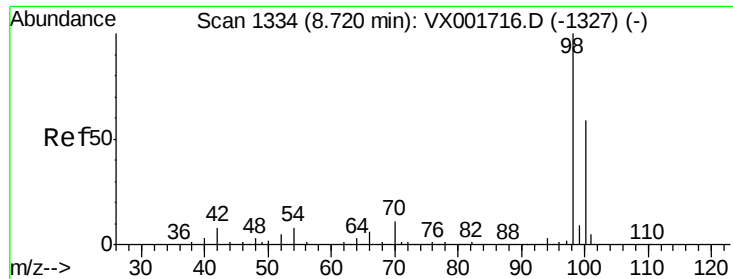
Tot Ion:113 Resp: 147543
Ion Ratio Lower Upper
113 100
111 102.1 82.0 123.0
192 26.7 21.6 32.4



#44
Trichloroethene
Concen: 7.96 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

Tgt Ion:130 Resp: 27084
Ion Ratio Lower Upper
130 100
95 87.8 0.0 177.2

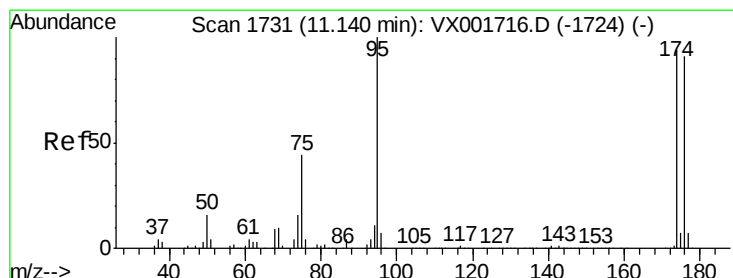
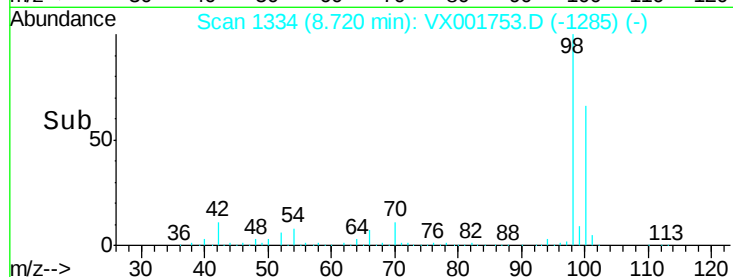
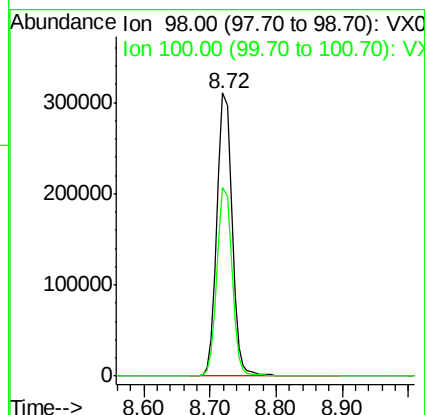
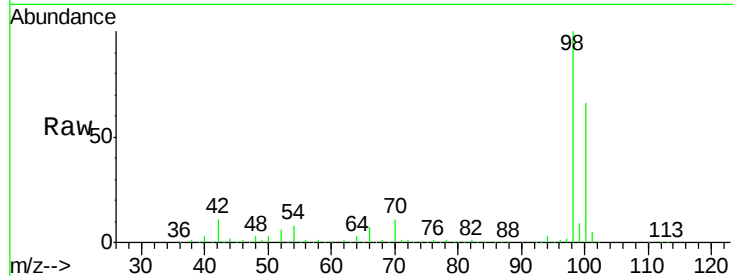




#50
Toluene-d8
Concen: 50.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

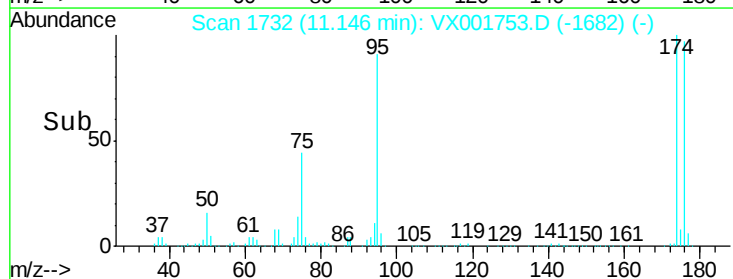
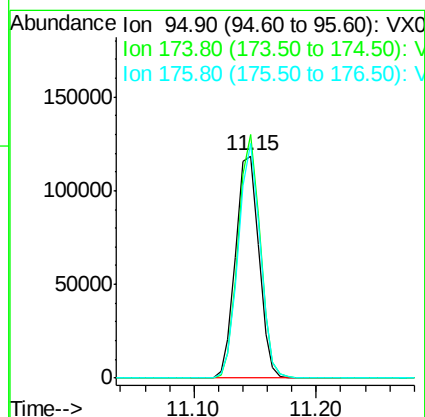
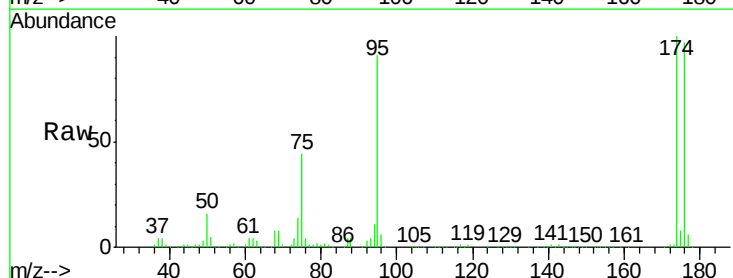
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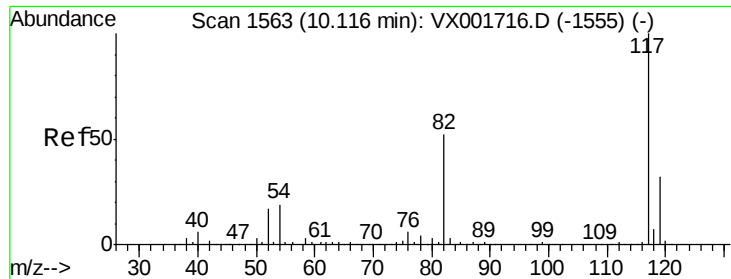
Tot Ion: 98 Resp: 493115
Ion Ratio Lower Upper
98 100
100 66.3 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

Tgt Ion: 95 Resp: 156481
Ion Ratio Lower Upper
95 100
174 103.0 0.0 201.8
176 98.9 0.0 196.8

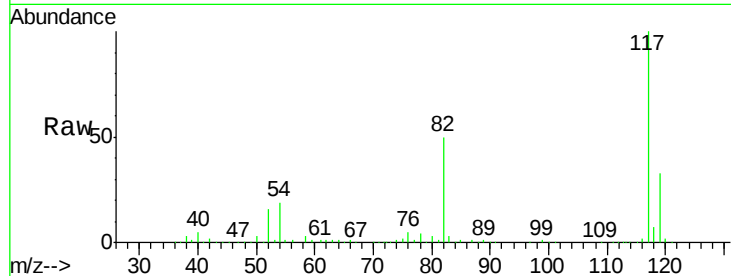




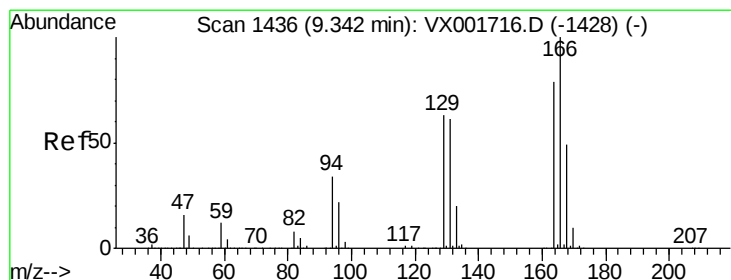
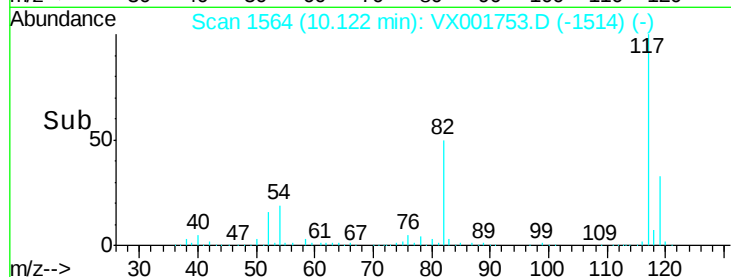
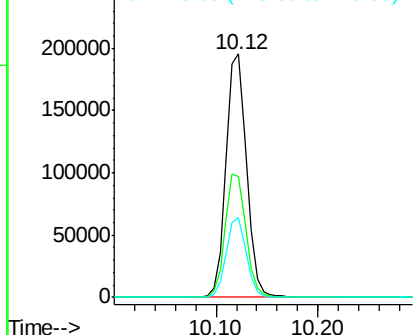
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-180507

Tot Ion:117 Resp: 272082
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 32.8 25.6 38.4

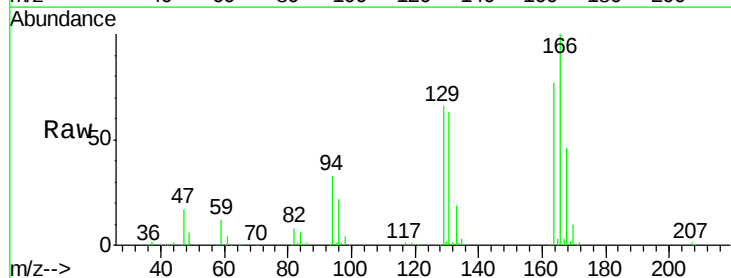


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

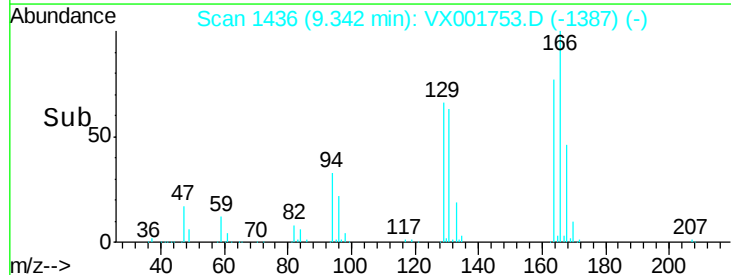
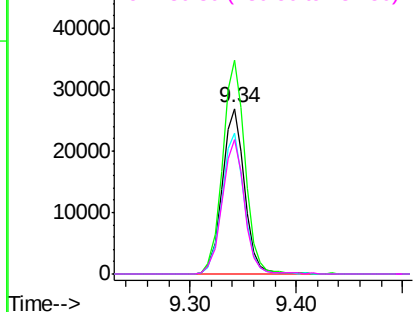


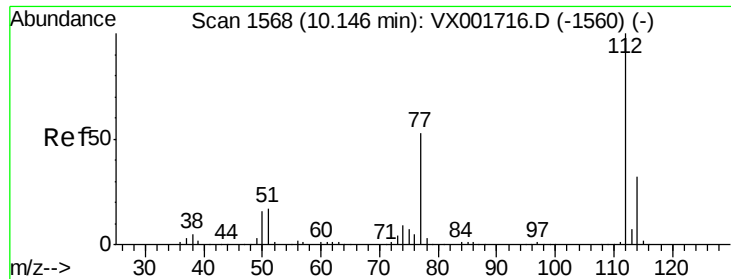
#64
Tetrachloroethene
Concen: 11.10 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

Tgt Ion:164 Resp: 39299
Ion Ratio Lower Upper
164 100
166 129.2 101.8 152.8
129 85.0 63.8 95.6
131 81.3 62.2 93.2



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

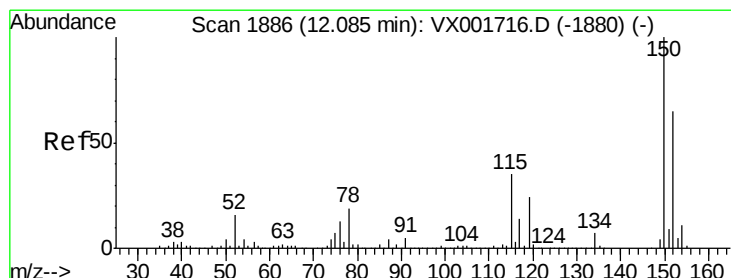
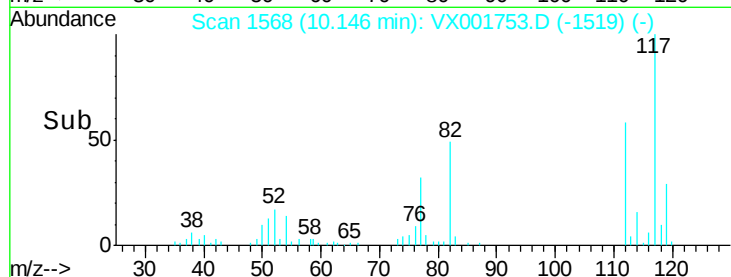
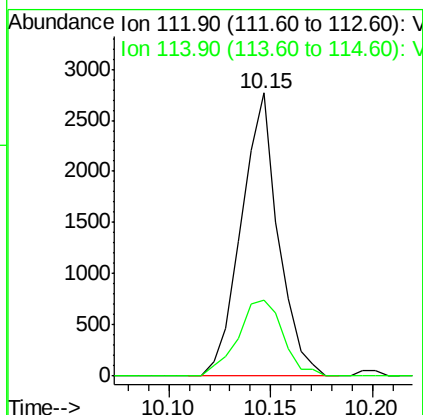
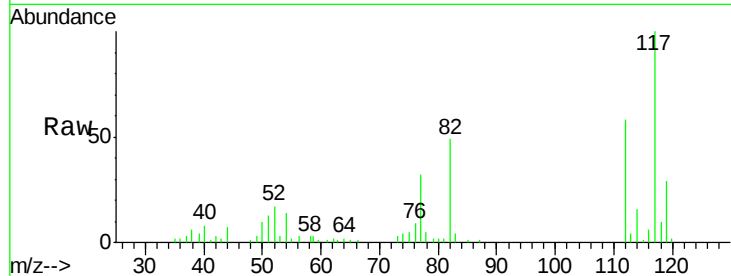




#65
Chlorobenzene
Concen: 0.47 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-180507

Tot Ion:112 Resp: 3482
Ion Ratio Lower Upper
112 100
114 27.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001753.D
Acq: 15 May 2018 18:43

Tgt Ion:152 Resp: 141982
Ion Ratio Lower Upper
152 100
115 52.5 37.4 112.2
150 156.7 0.0 344.8

