

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004148.D
 Acq On : 20 Aug 2018 13:09
 Operator : JC/MD
 Sample : J4541-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW097-180815

Quant Time: Aug 21 11:18:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

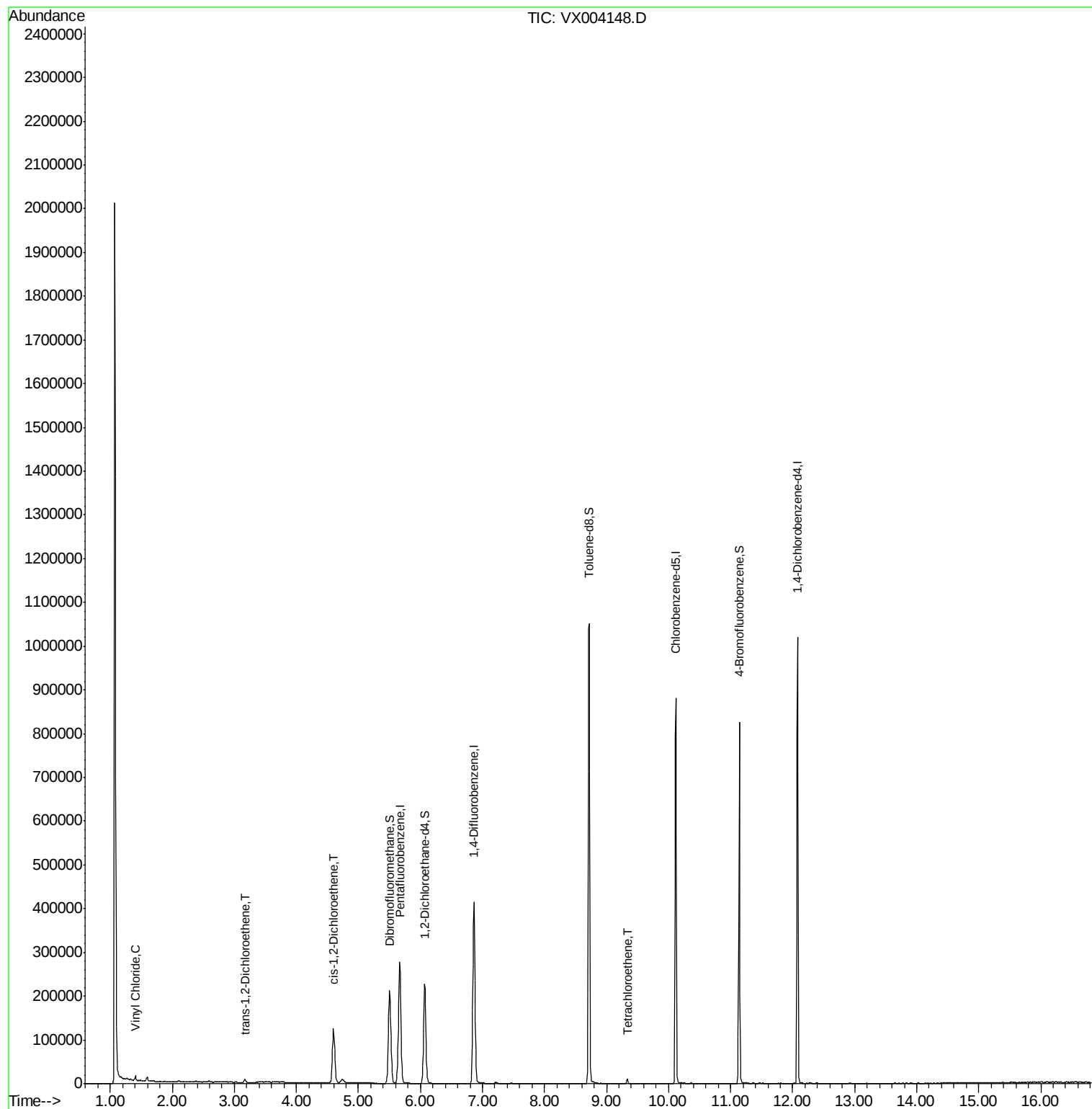
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	423722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210774	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
35) Dibromofluoromethane	5.51	113	182099	57.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.84%	
50) Toluene-d8	8.72	98	629256	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	201305	43.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.34%	
Target Compounds						
4) Vinyl Chloride	1.40	62	5892	1.64	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	3136	0.94	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	82295	22.04	ug/l	87
64) Tetrachloroethene	9.34	164	2028	0.53	ug/l #	92

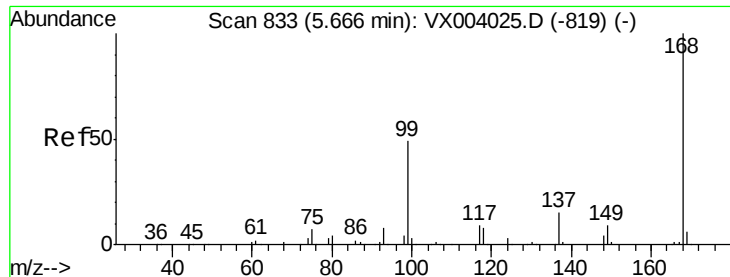
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004148.D

Acq: 20 Aug 2018 13:09

Instrument :

MSVOA_X

ClientSampleId :

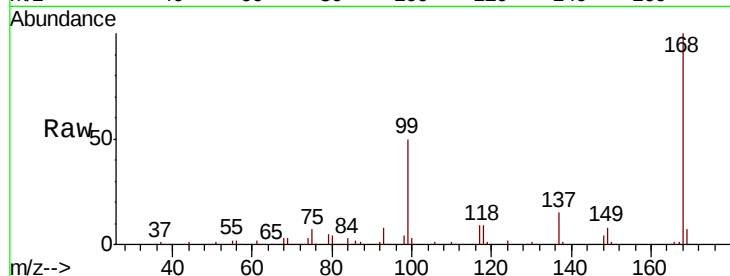
KY037MW097-180815

Tot Ion:168 Resp: 277917

Ion Ratio Lower Upper

168 100

99 50.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

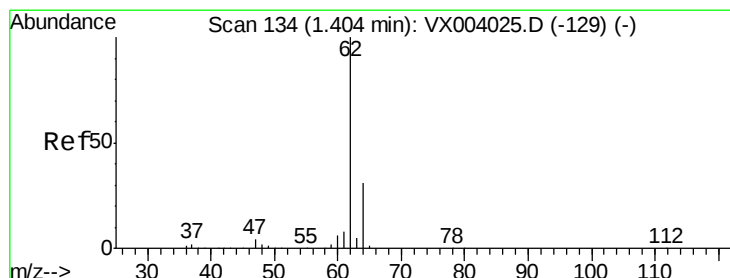
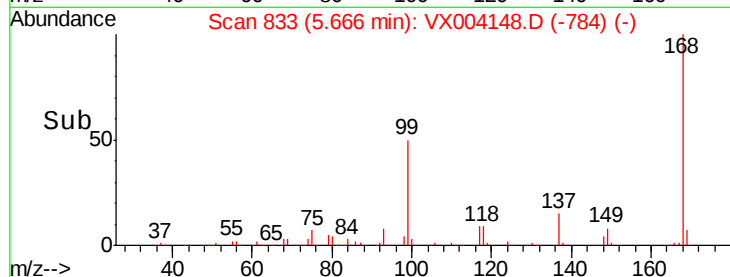
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 1.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004148.D

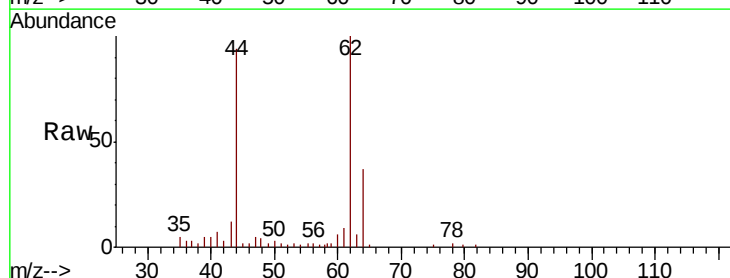
Acq: 20 Aug 2018 13:09

Tgt Ion: 62 Resp: 5892

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

6000

5000

4000

3000

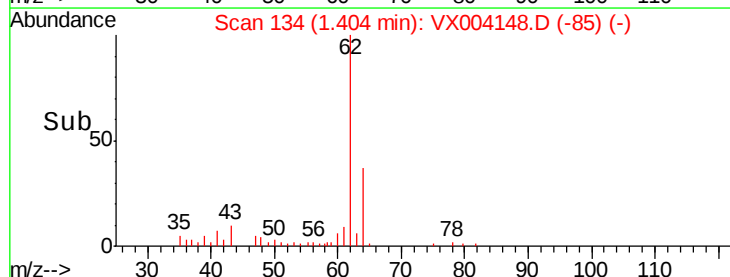
2000

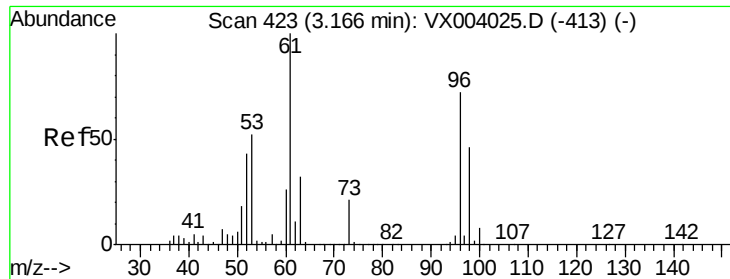
1000

0

Time-->

1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004148.D

Acq: 20 Aug 2018 13:09

Instrument :

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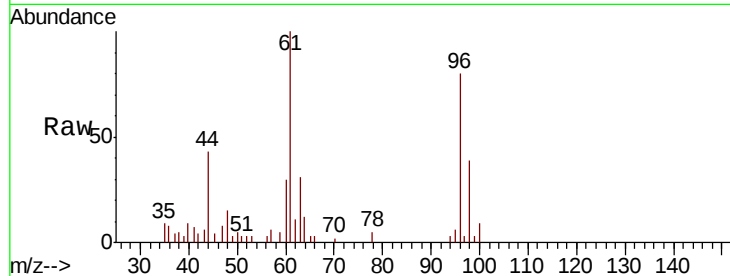
Tot Ion: 96 Resp: 3136

Ion Ratio Lower Upper

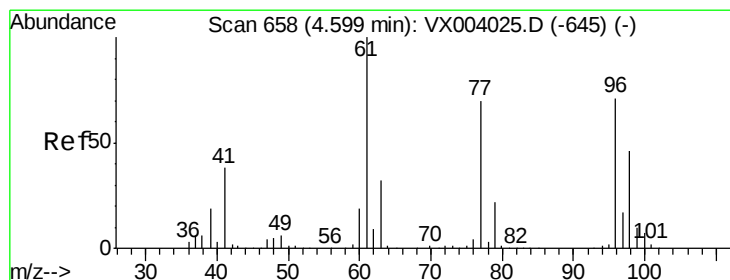
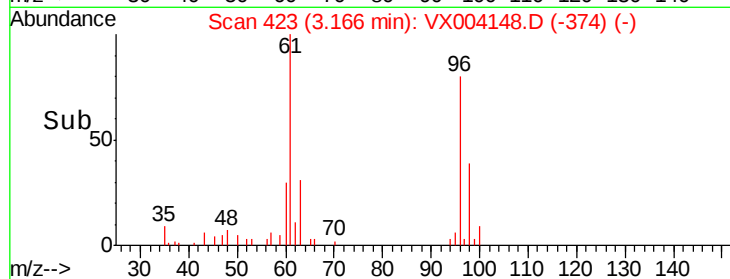
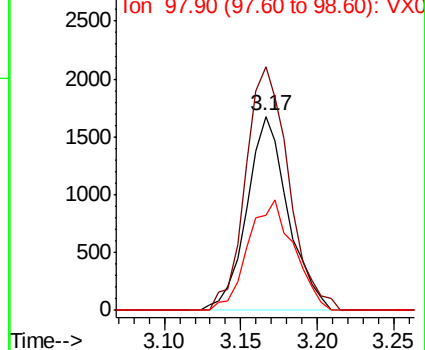
96 100

61 125.4 111.8 167.6

98 49.1 51.8 77.6#



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



#27

cis-1,2-Dichloroethene

Concen: 22.04 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004148.D

Acq: 20 Aug 2018 13:09

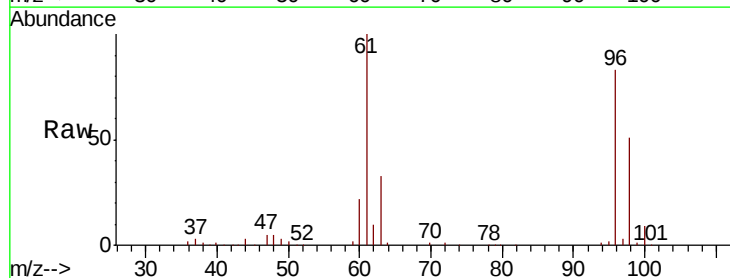
Tgt Ion: 96 Resp: 82295

Ion Ratio Lower Upper

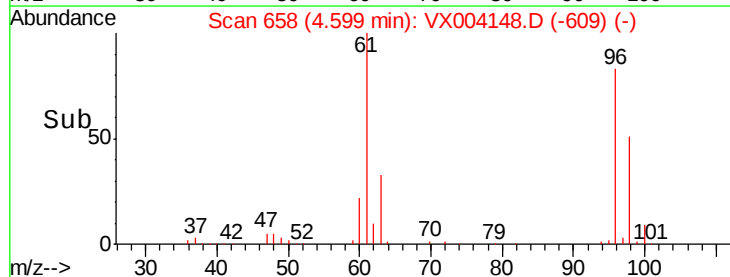
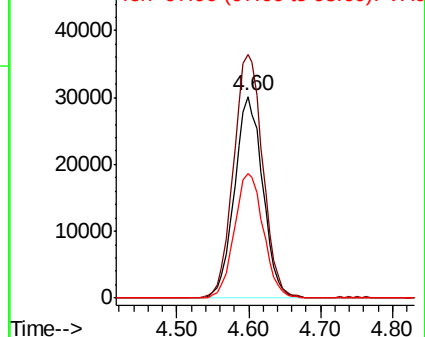
96 100

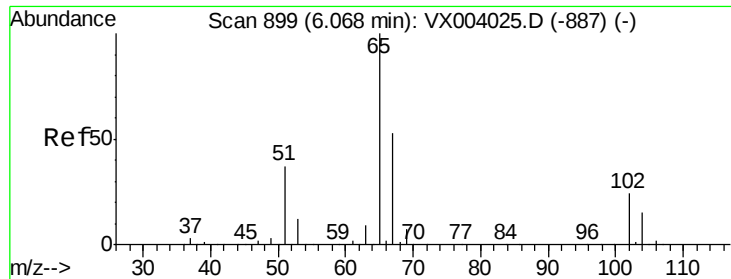
61 124.9 0.0 293.0

98 63.2 0.0 131.8



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

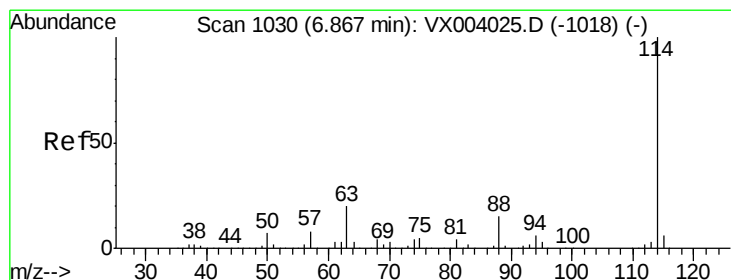
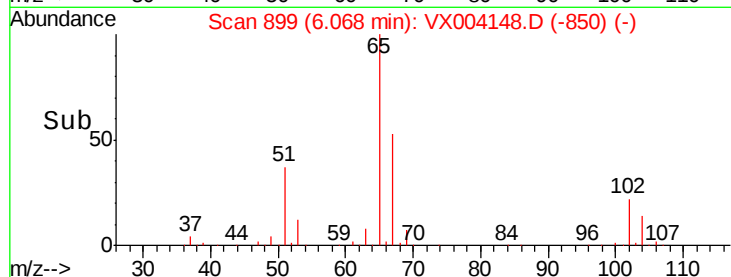
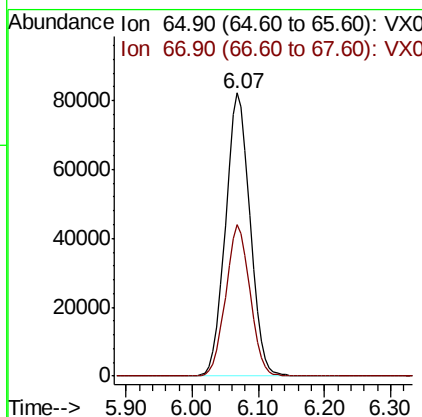
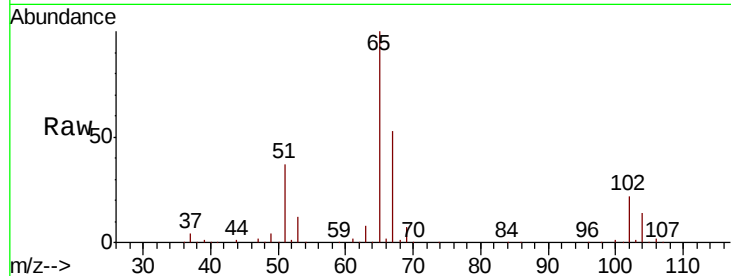




#33
 1,2-Dichloroethane-d4
 Concen: 53.83 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004148.D
 Acq: 20 Aug 2018 13:09

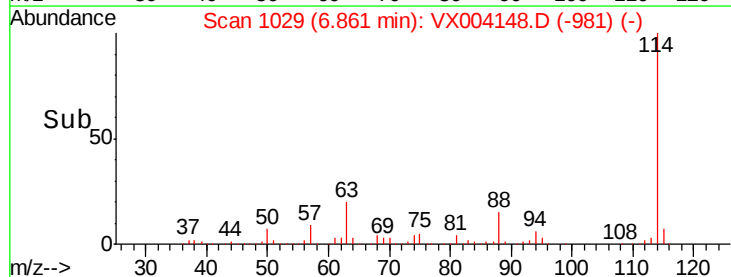
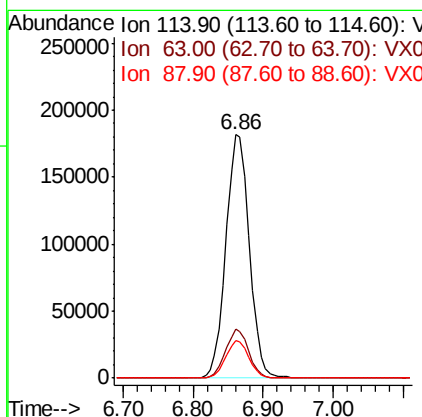
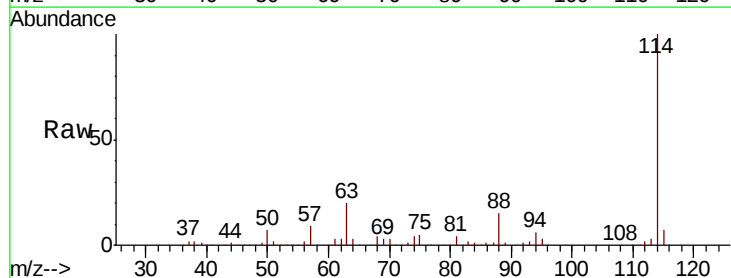
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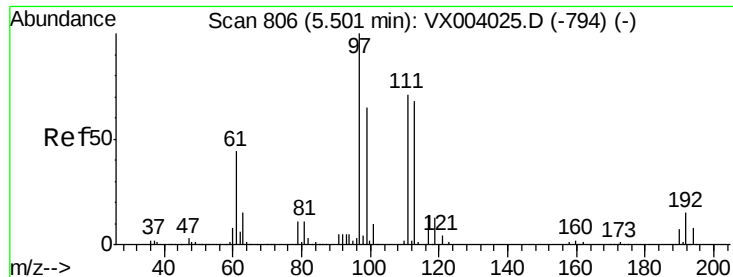
Tot Ion: 65 Resp: 210774
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004148.D
 Acq: 20 Aug 2018 13:09

Tgt Ion: 114 Resp: 423722
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.3 0.0 32.0

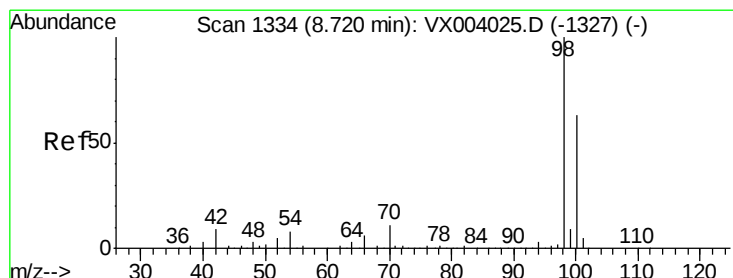
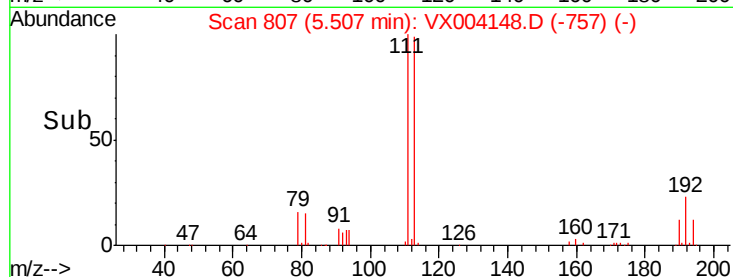
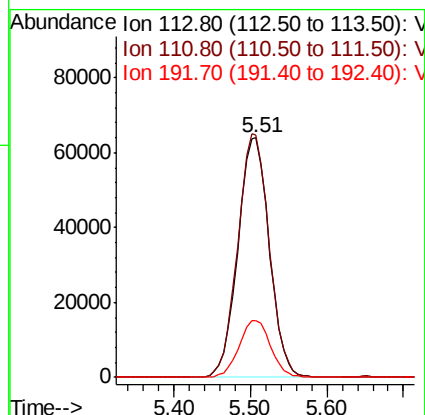
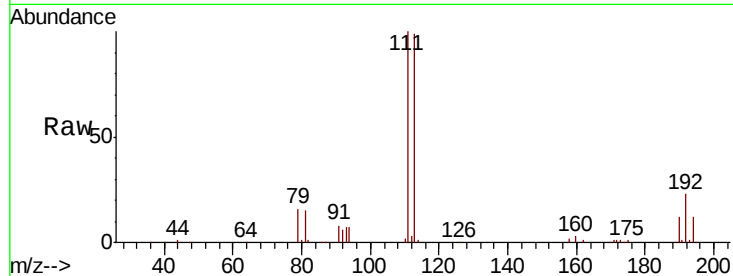




#35
 Dibromofluoromethane
 Concen: 57.42 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004148.D
 Acq: 20 Aug 2018 13:09

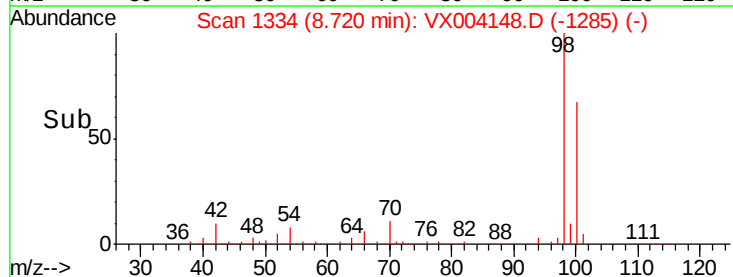
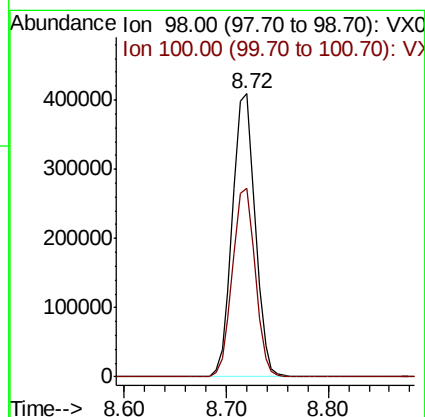
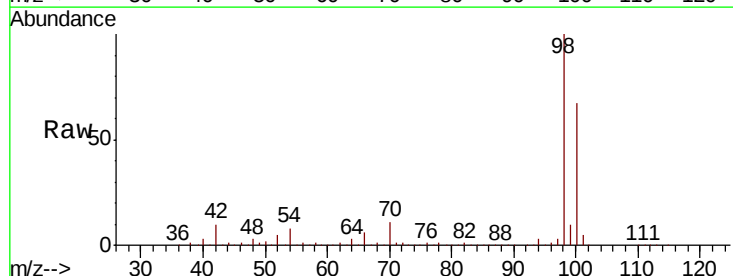
Instrument :
 MSVOA_X
 ClientSampleId :
 KY037MW097-180815

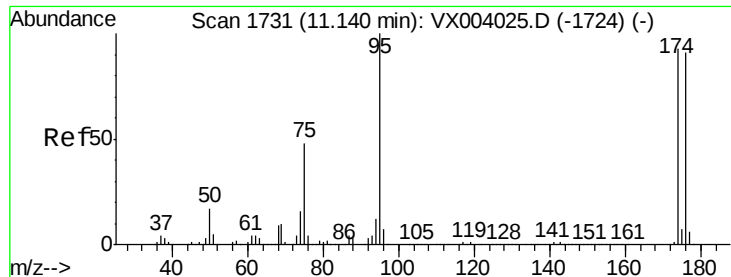
Tot Ion:113 Resp: 182099
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.0 123.0
 192 24.0 19.0 28.4



#50
 Toluene-d8
 Concen: 48.94 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX004148.D
 Acq: 20 Aug 2018 13:09

Tgt Ion: 98 Resp: 629256
 Ion Ratio Lower Upper
 98 100
 100 66.6 53.3 79.9

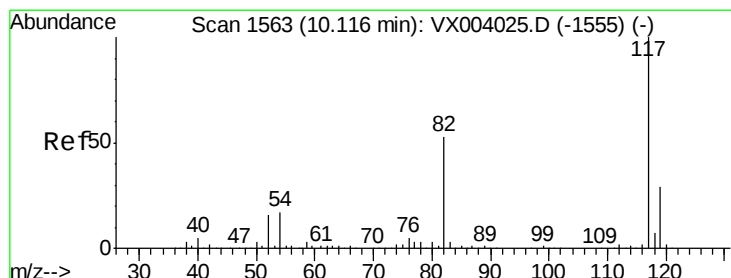
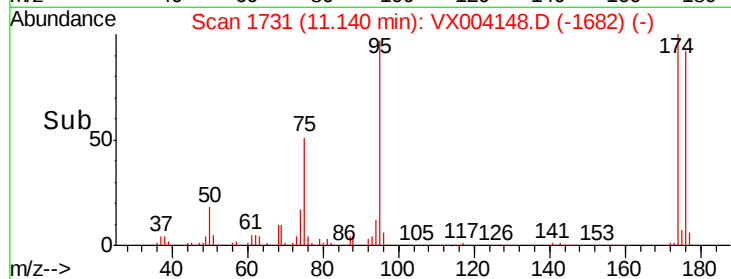
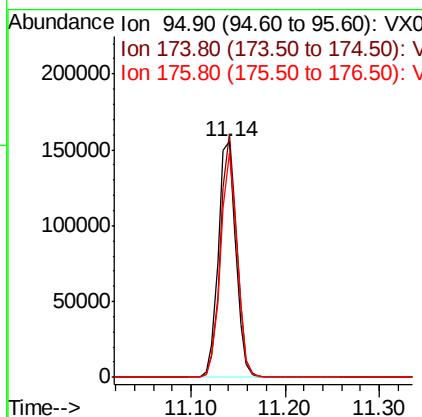
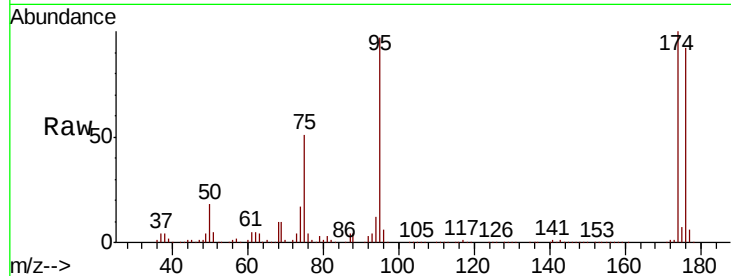




#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004148.D
Acq: 20 Aug 2018 13:09

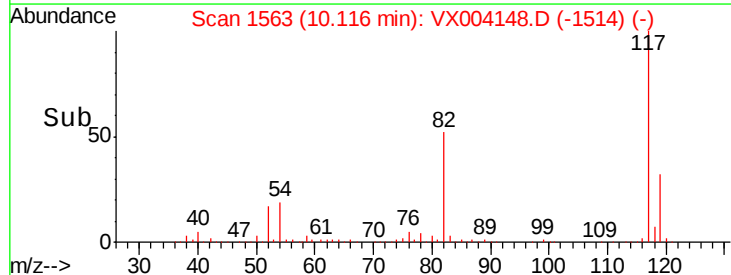
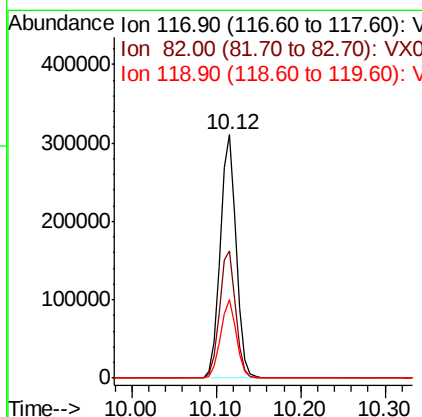
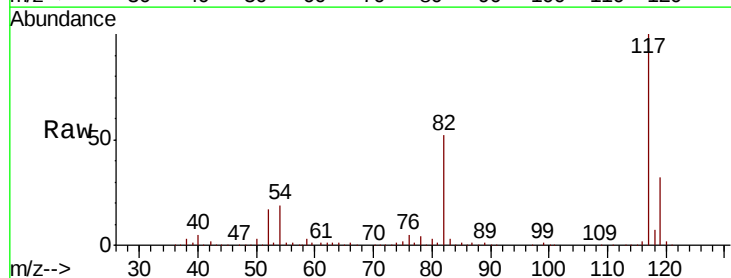
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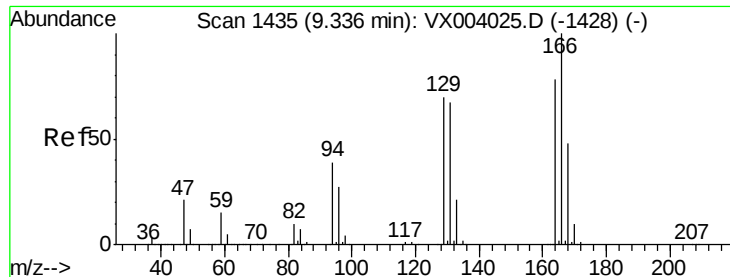
Tot Ion	95	Resp	201305
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	182.8
176	90.3	0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004148.D
Acq: 20 Aug 2018 13:09

Tgt Ion	117	Resp	406254
Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.4	68.0
119	32.3	26.6	40.0

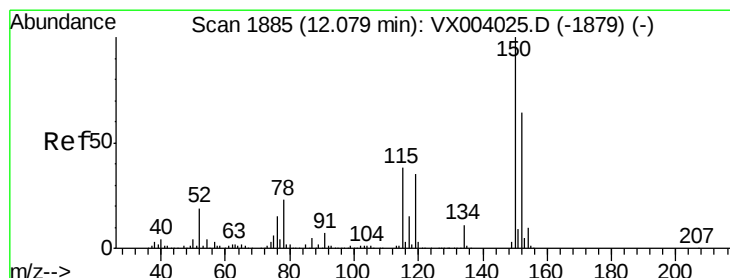
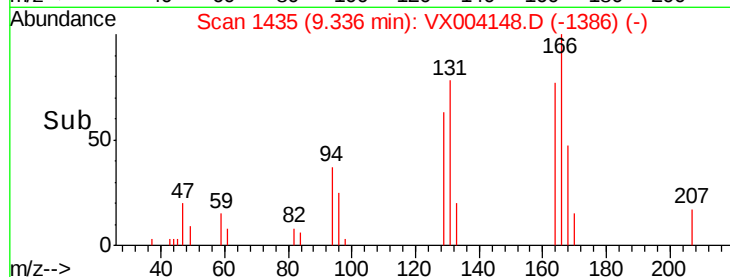
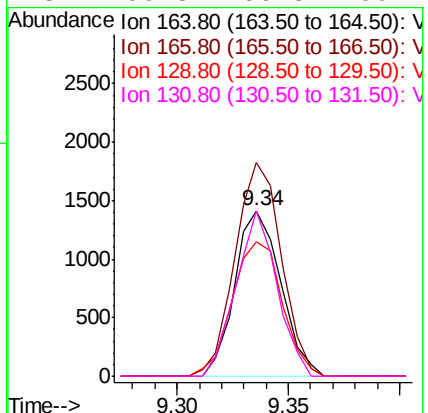
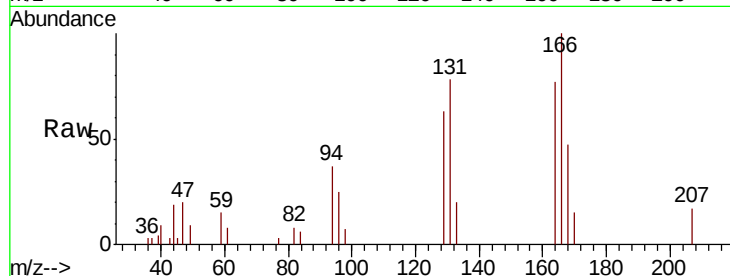




#64
Tetrachloroethene
Concen: 0.53 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004148.D
Acq: 20 Aug 2018 13:09

Instrument :
MSVOA_X
ClientSampleId :
KY037MW097-180815

Tot Ion:164 Resp: 2028
Ion Ratio Lower Upper
164 100
166 129.2 98.0 147.0
129 81.6 64.3 96.5
131 100.3 66.8 100.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004148.D
Acq: 20 Aug 2018 13:09

Tgt Ion:152 Resp: 213816
Ion Ratio Lower Upper
152 100
115 53.2 39.1 117.3
150 155.1 0.0 349.2

