

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008814.D
 Acq On : 10 Apr 2019 18:39
 Operator : JC/SP
 Sample : K2349-08 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-190409

Quant Time: Apr 11 07:59:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

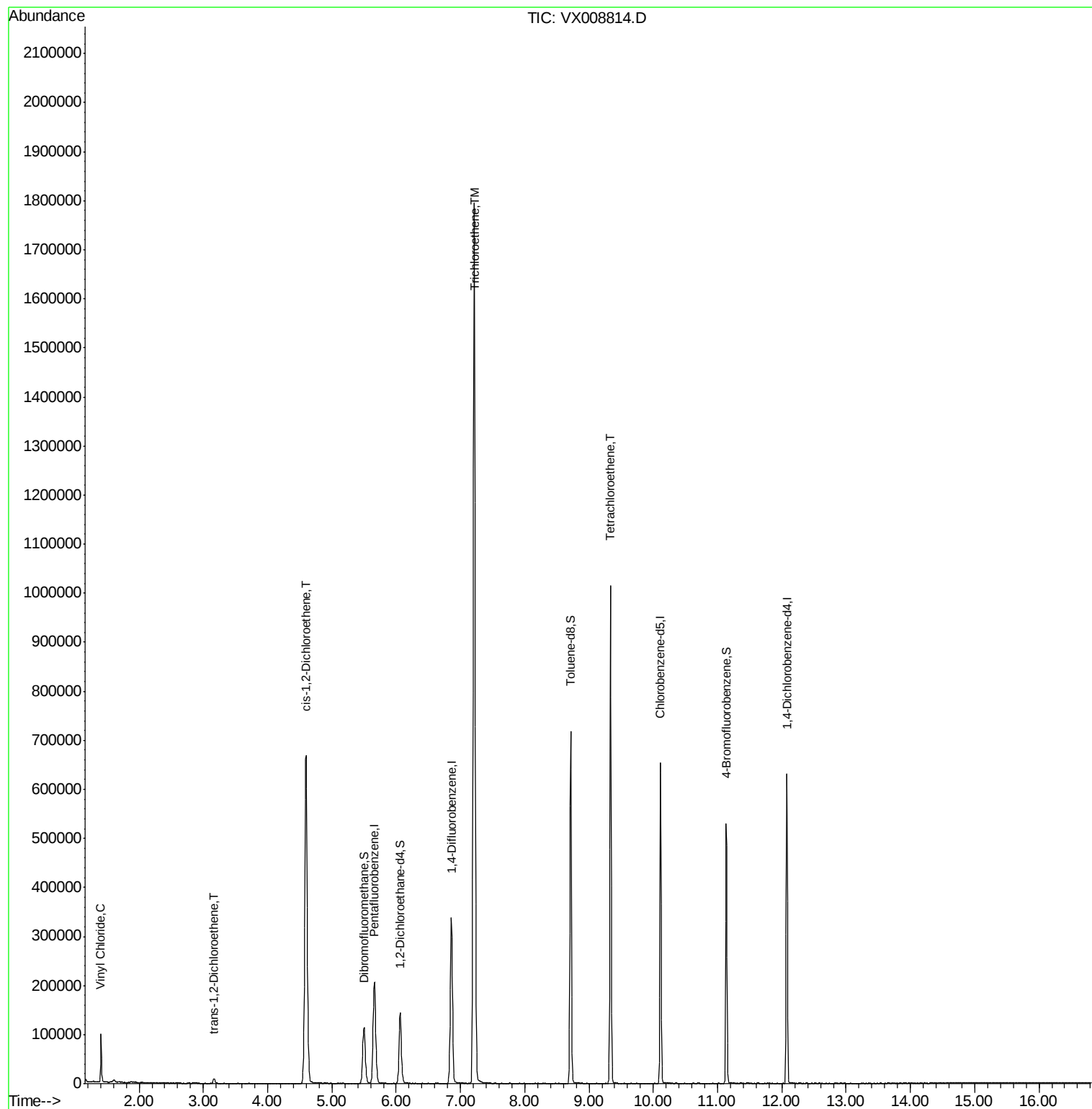
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	134839	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	98464	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	8.71	98	412596	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.13	95	141468	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	69587	22.138	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	3794	1.502	ug/l	86
27) cis-1,2-Dichloroethene	4.60	96	416807	143.512	ug/l	89
44) Trichloroethene	7.21	130	676701	270.434	ug/l	97
64) Tetrachloroethene	9.34	164	191407	88.933	ug/l	99

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

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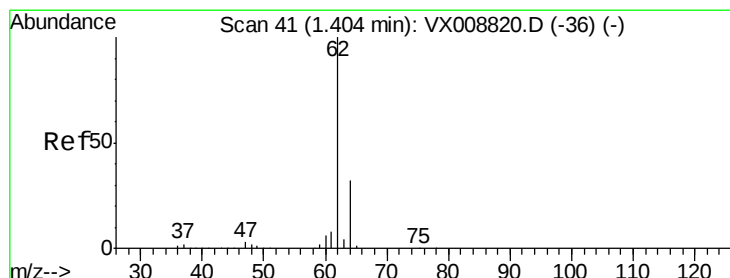
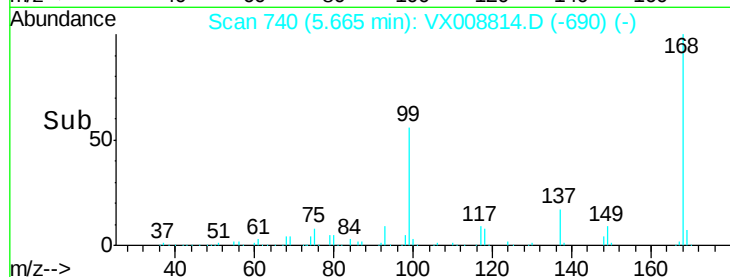
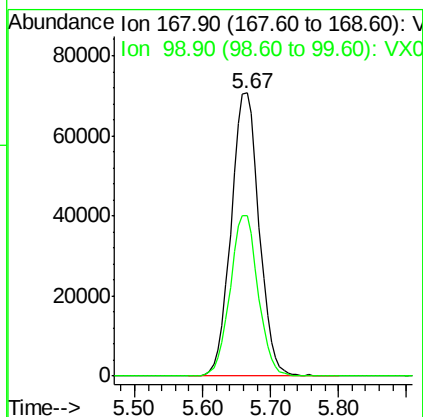
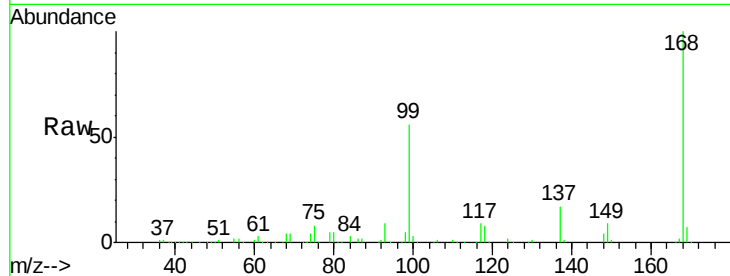




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008814.D
Acq: 10 Apr 2019 18:39

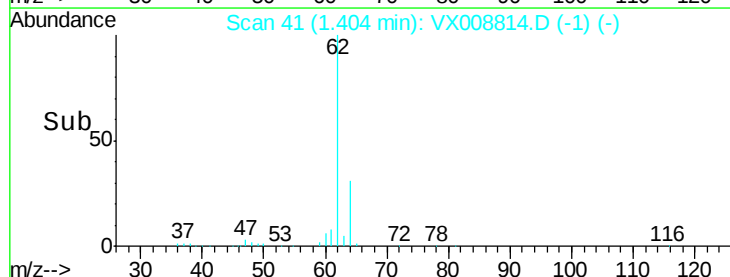
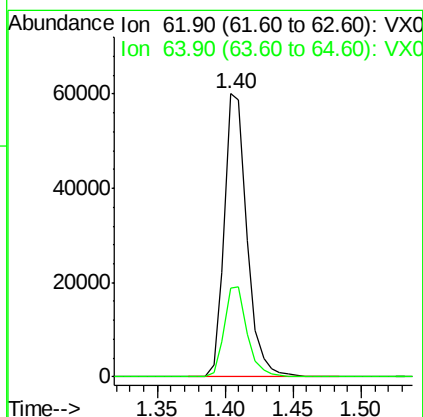
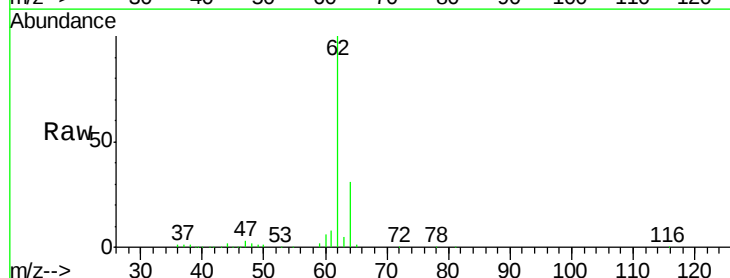
Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-190409

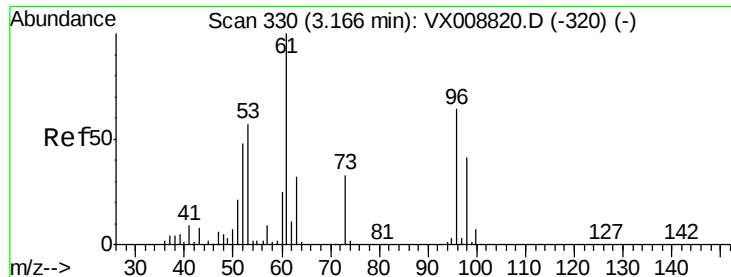
Tot Ion:168 Resp: 202009
Ion Ratio Lower Upper
168 100
99 56.5 46.7 70.1



#4
Vinyl Chloride
Concen: 22.138 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX008814.D
Acq: 10 Apr 2019 18:39

Tgt Ion: 62 Resp: 69587
Ion Ratio Lower Upper
62 100
64 31.2 24.7 37.1





#21

trans-1,2-Dichloroethene

Concen: 1.502 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008814.D

Acq: 10 Apr 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-190409

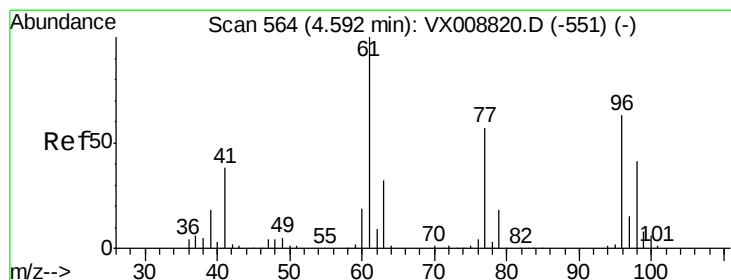
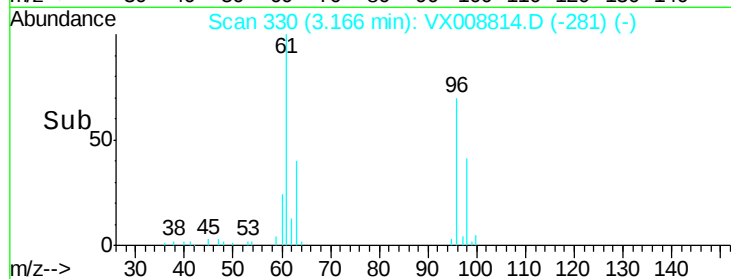
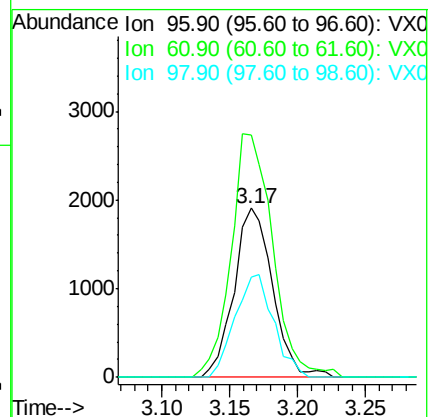
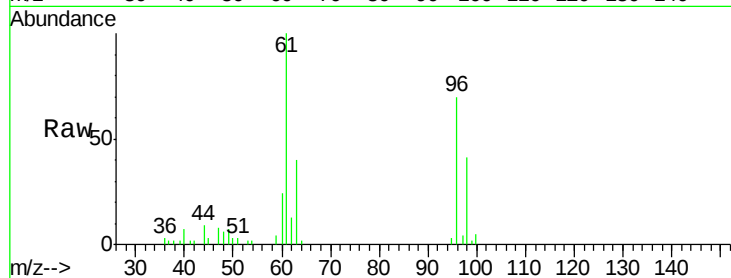
Tot Ion: 96 Resp: 3794

Ion Ratio Lower Upper

96 100

61 143.1 132.1 198.1

98 59.2 52.2 78.2



#27

cis-1,2-Dichloroethene

Concen: 143.512 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008814.D

Acq: 10 Apr 2019 18:39

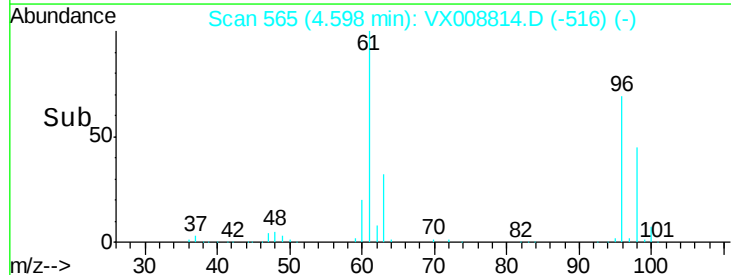
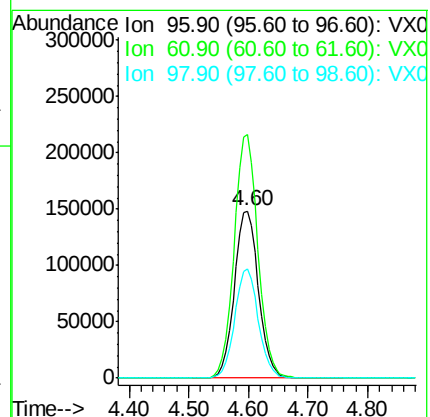
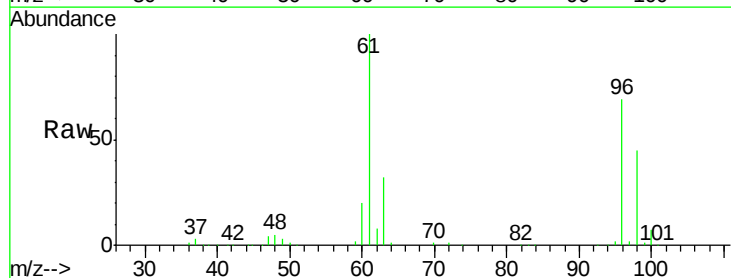
Tgt Ion: 96 Resp: 416807

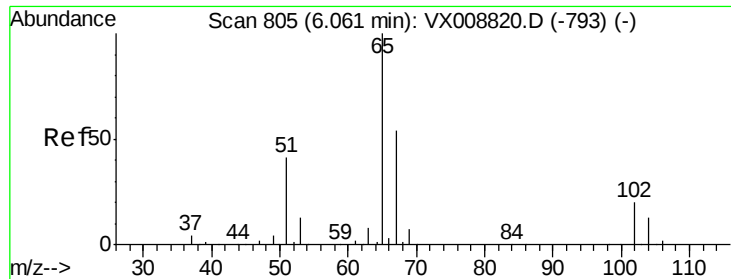
Ion Ratio Lower Upper

96 100

61 143.5 0.0 327.6

98 64.1 0.0 128.6

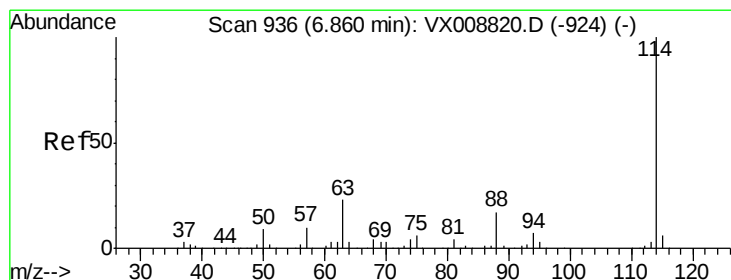
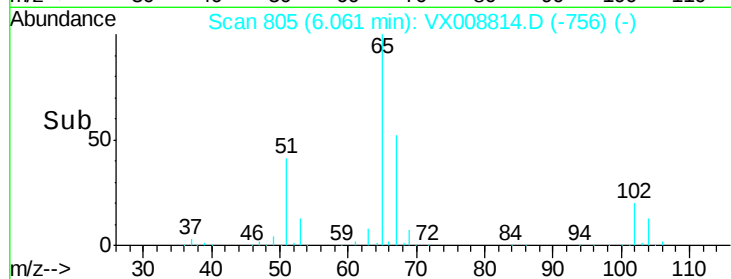
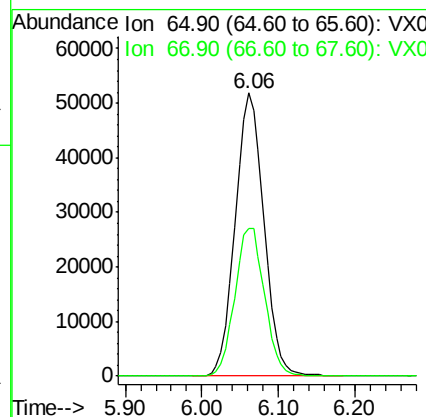
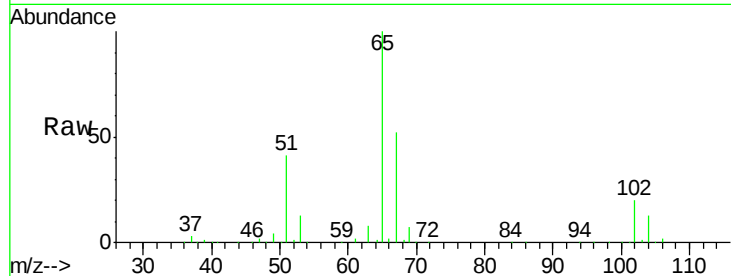




#33
 1,2-Dichloroethane-d4
 Concen: 45.764 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008814.D
 Acq: 10 Apr 2019 18:39

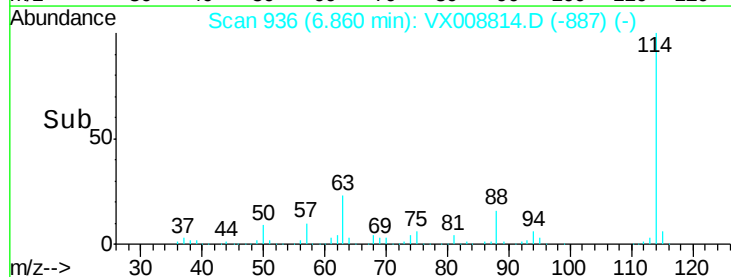
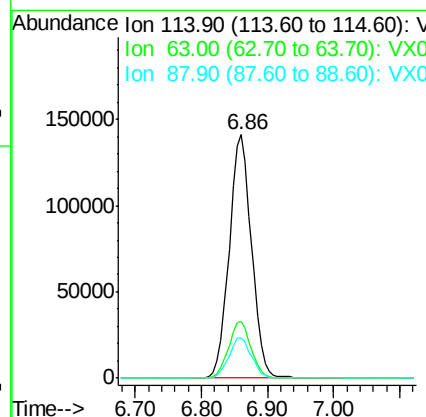
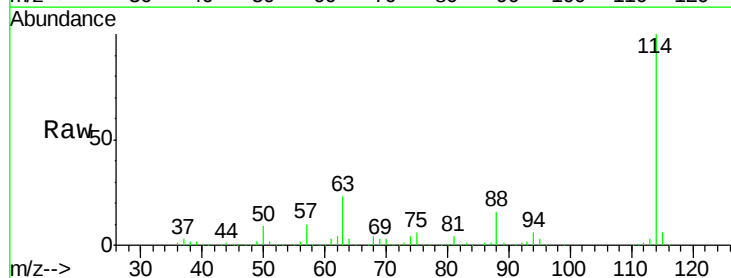
Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-190409

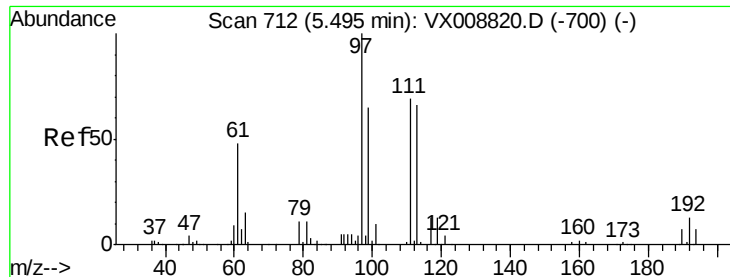
Tot Ion: 65 Resp: 134839
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008814.D
 Acq: 10 Apr 2019 18:39

Tgt Ion: 114 Resp: 329918
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.679 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008814.D

Acq: 10 Apr 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

KY062MW128-190409

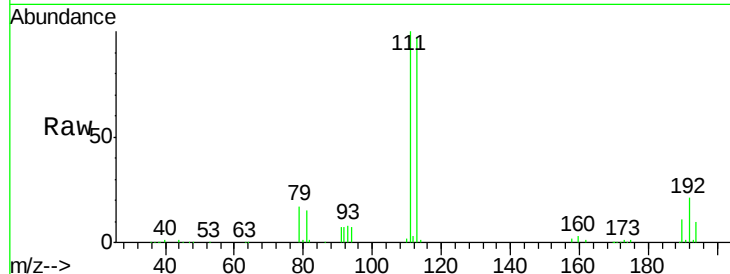
Tot Ion:113 Resp: 98464

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

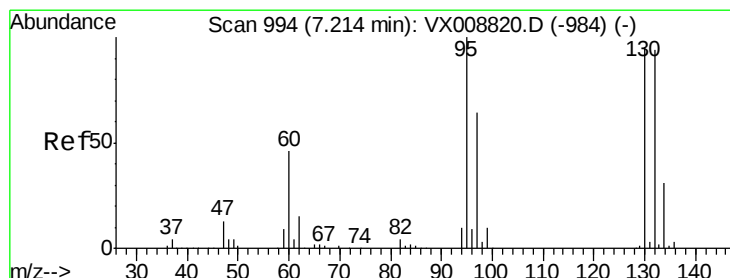
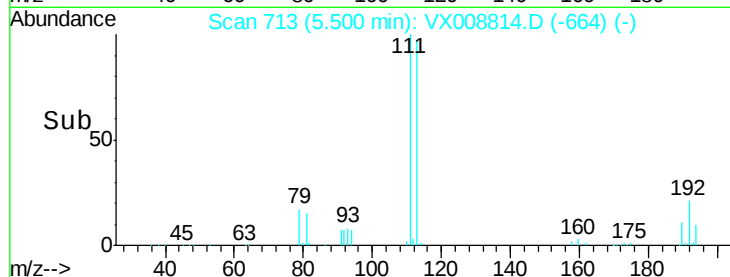
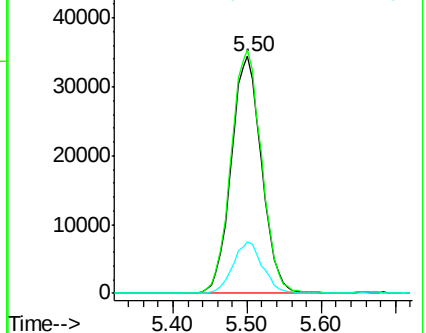
192 21.3 16.1 24.1



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: 270.434 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008814.D

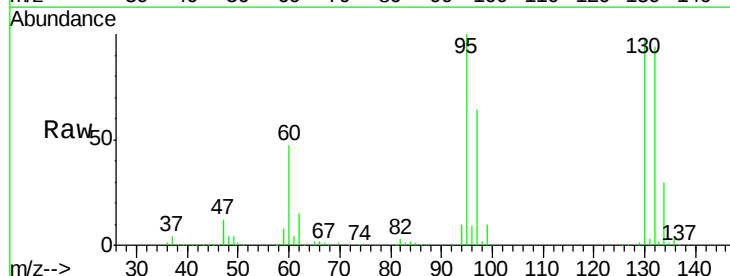
Acq: 10 Apr 2019 18:39

Tgt Ion:130 Resp: 676701

Ion Ratio Lower Upper

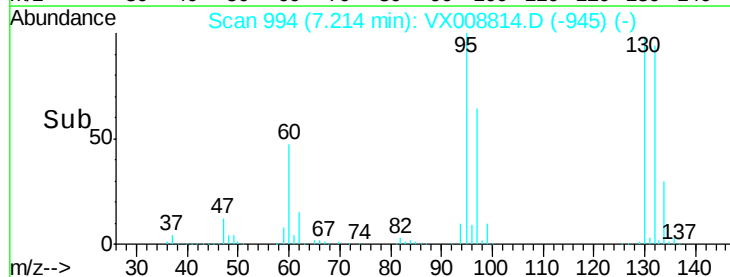
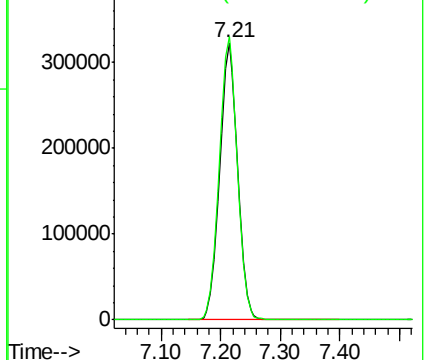
130 100

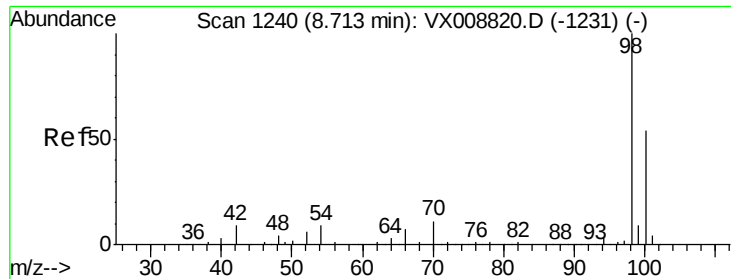
95 102.1 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

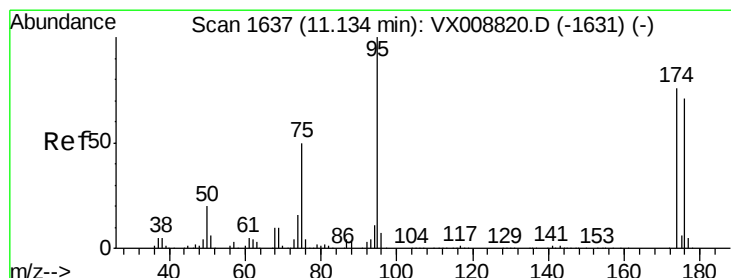
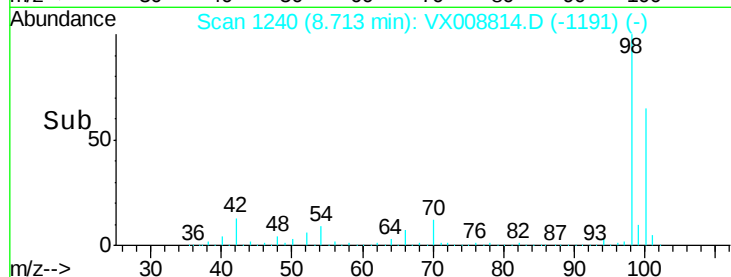
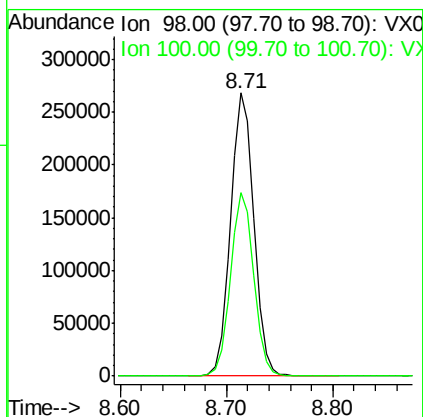
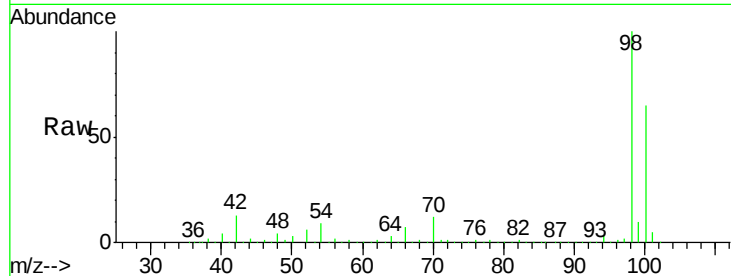




#50
Toluene-d8
Concen: 49.125 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008814.D
Acq: 10 Apr 2019 18:39

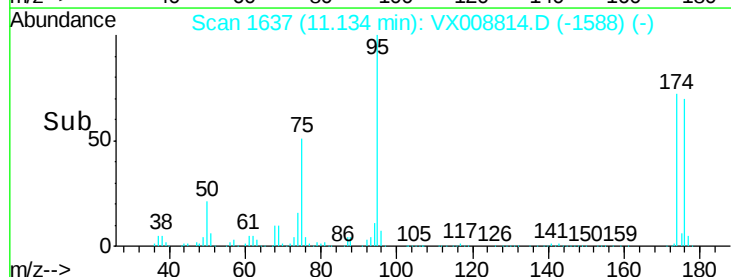
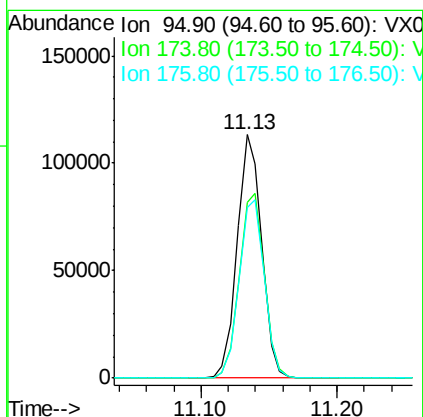
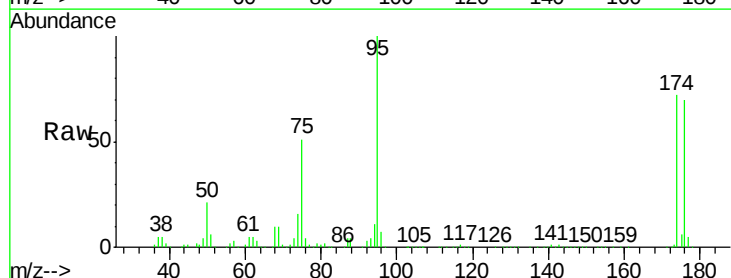
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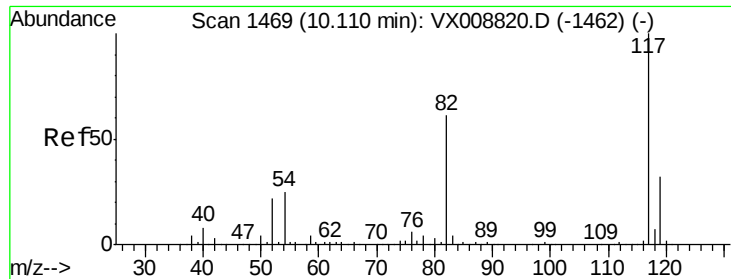
Tot Ion: 98 Resp: 412596
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.498 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008814.D
Acq: 10 Apr 2019 18:39

Tgt Ion: 95 Resp: 141468
Ion Ratio Lower Upper
95 100
174 78.0 0.0 151.8
176 76.0 0.0 145.8

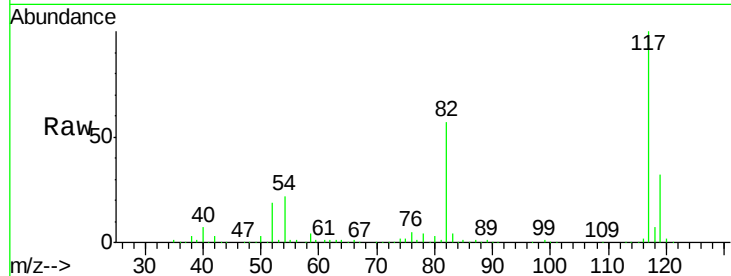




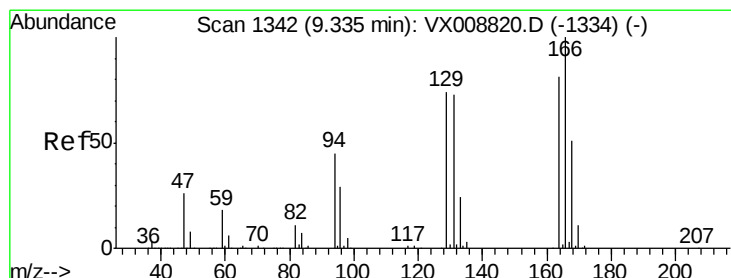
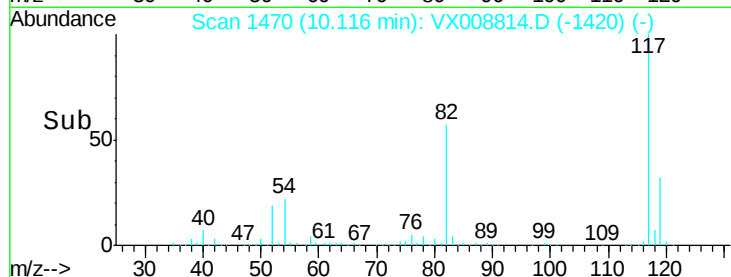
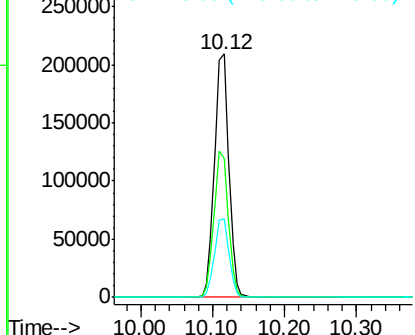
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008814.D
Acq: 10 Apr 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
KY062MW128-190409

Tot Ion:117 Resp: 290496
Ion Ratio Lower Upper
117 100
82 56.9 49.6 74.4
119 32.1 25.0 37.4

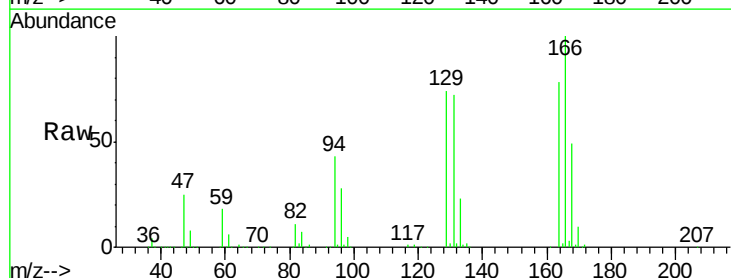


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

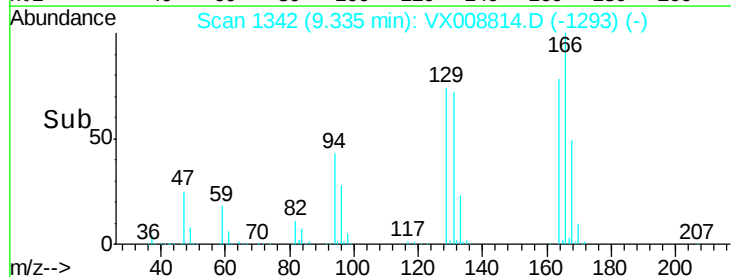
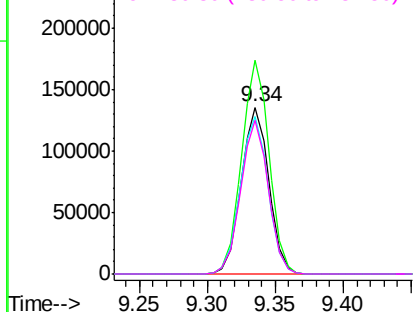


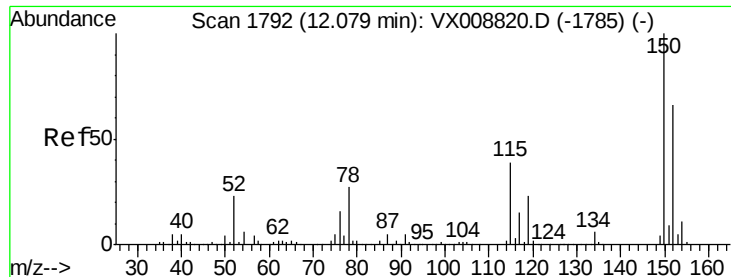
#64
Tetrachloroethene
Concen: 88.933 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008814.D
Acq: 10 Apr 2019 18:39

Tgt Ion:164 Resp: 191407
Ion Ratio Lower Upper
164 100
166 128.1 101.0 151.6
129 94.3 75.8 113.8
131 92.0 71.8 107.8



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





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008814.D
 Acq: 10 Apr 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW128-190409

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.5	130.5
150	157.8	0.0	348.8

