

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008944.D
 Acq On : 13 Apr 2019 20:02
 Operator : JC/SP
 Sample : K2385-11DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-190410DL

Quant Time: Apr 15 04:54:43 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

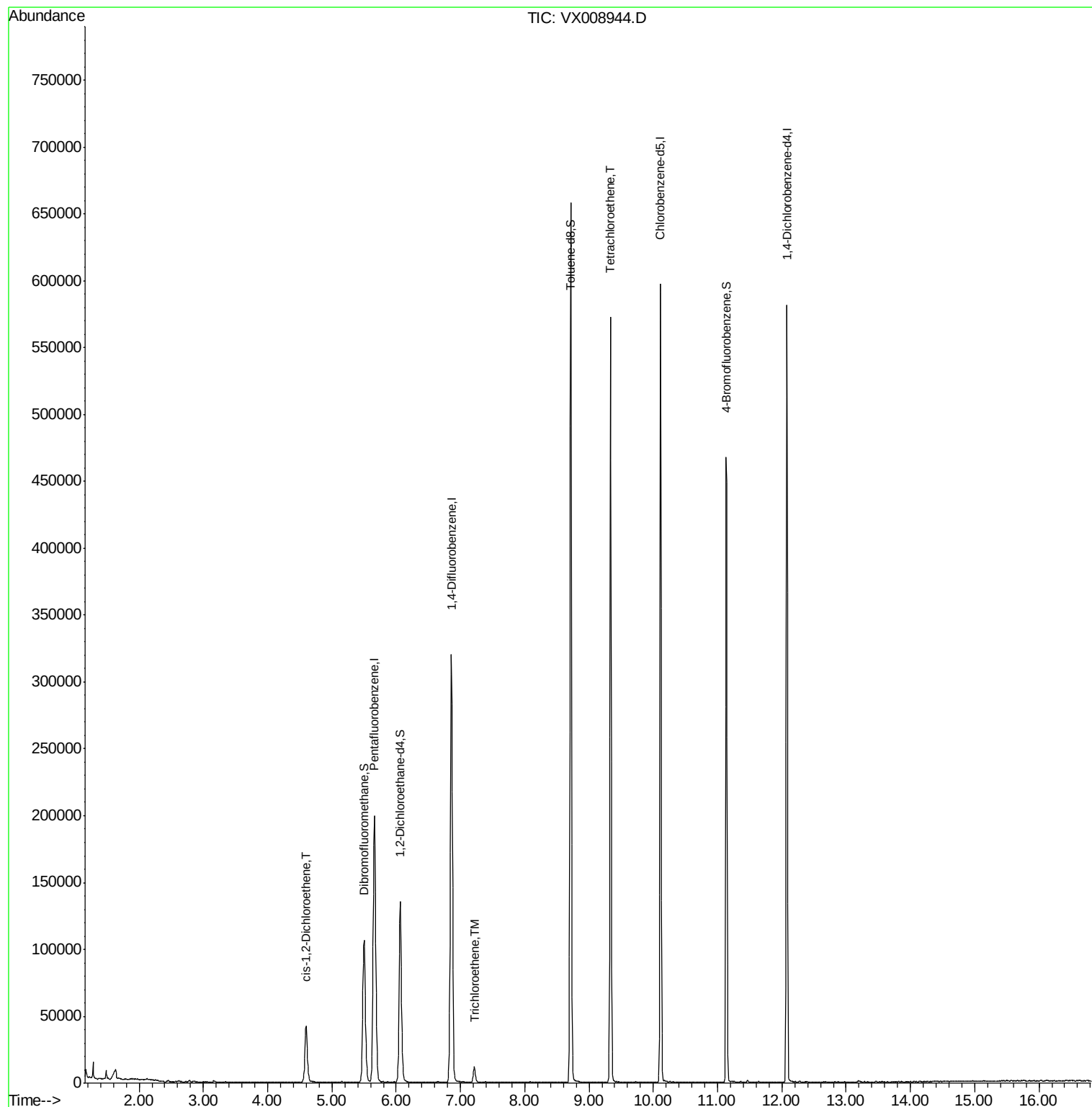
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125854	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
35) Dibromofluoromethane	5.50	113	92747	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	385220	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	127541	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	26285	9.402	ug/l	89
44) Trichloroethene	7.22	130	4506	1.907	ug/l	93
64) Tetrachloroethene	9.33	164	110653	55.574	ug/l	99

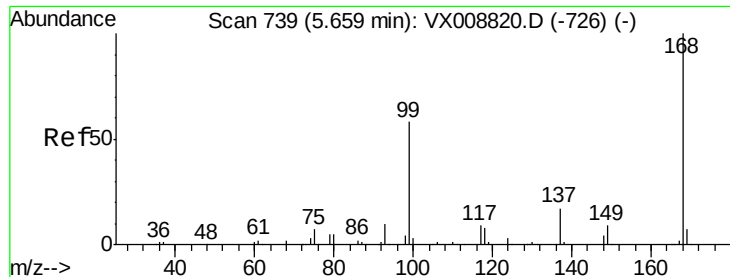
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008944.D

Acq: 13 Apr 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

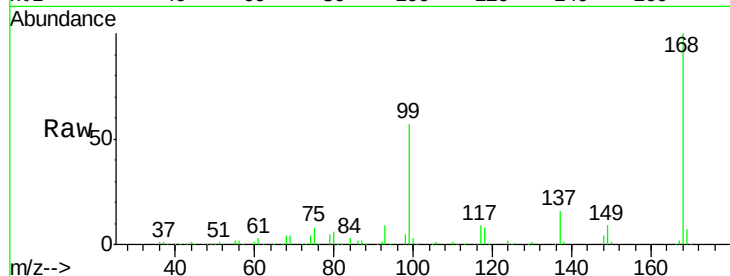
ST008MW167-190410DL

Tot Ion:168 Resp: 194444

Ion Ratio Lower Upper

168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

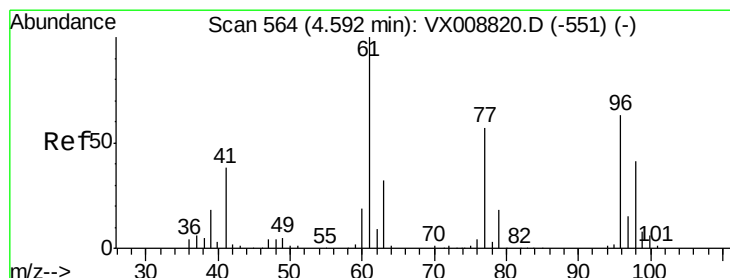
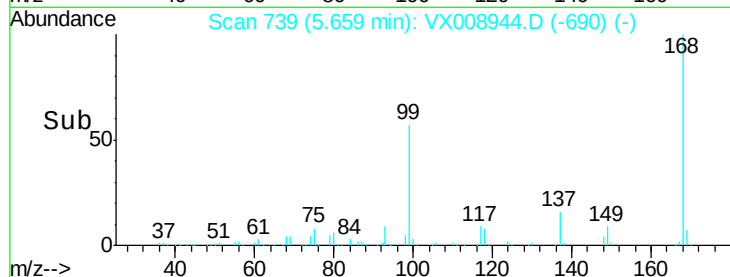
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 9.402 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008944.D

Acq: 13 Apr 2019 20:02

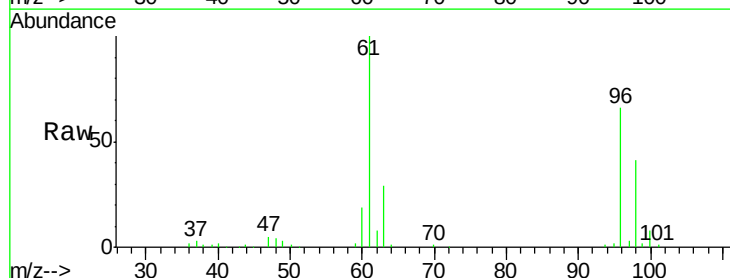
Tgt Ion: 96 Resp: 26285

Ion Ratio Lower Upper

96 100

61 144.6 0.0 327.6

98 63.7 0.0 128.6



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

4.60

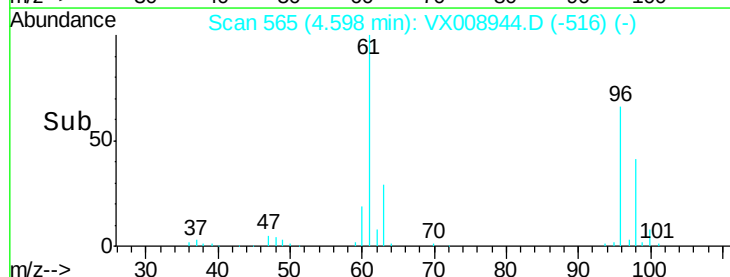
15000

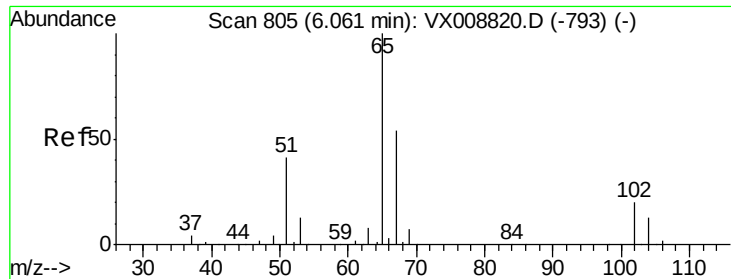
10000

5000

0

Time--> 4.50 4.60 4.70

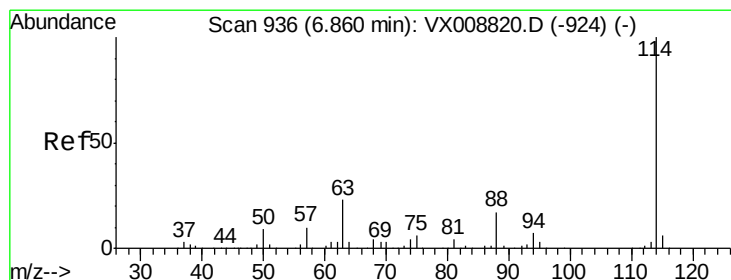
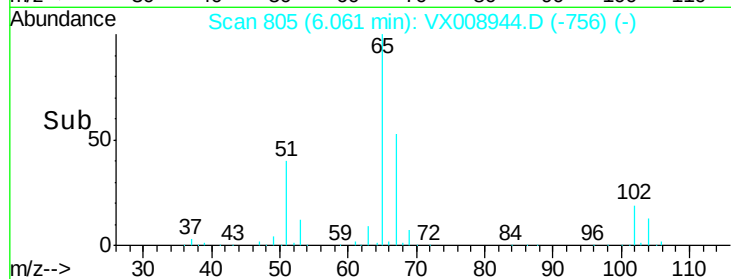
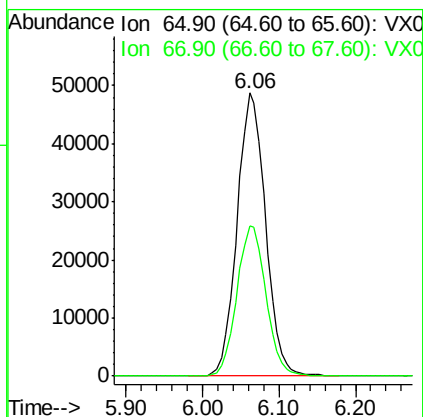
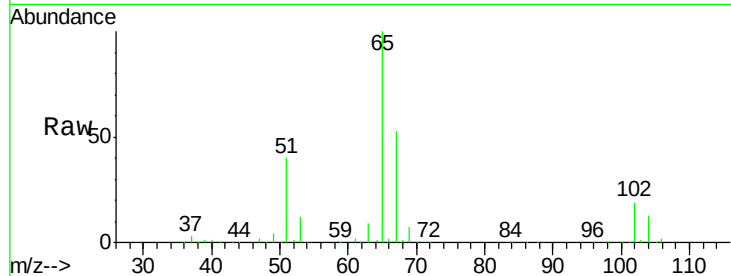




#33
 1,2-Dichloroethane-d4
 Concen: 44.376 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008944.D
 Acq: 13 Apr 2019 20:02

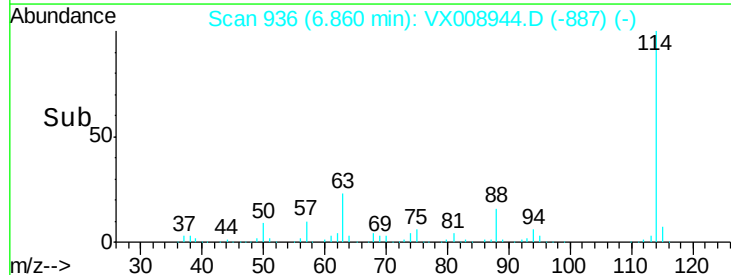
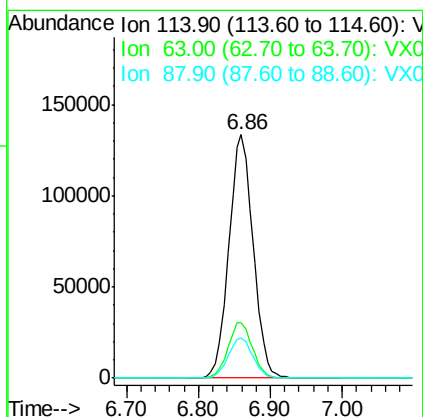
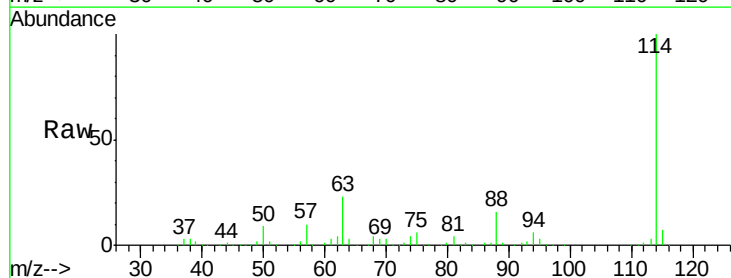
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-190410DL

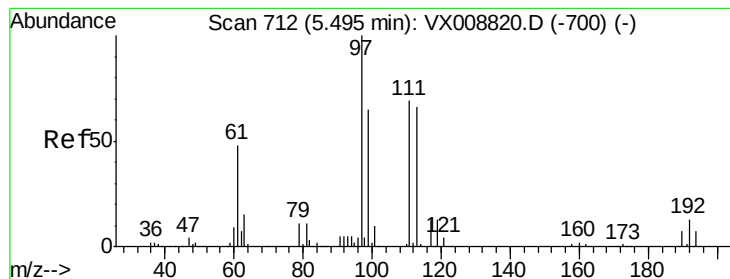
Tot Ion: 65 Resp: 125854
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008944.D
 Acq: 13 Apr 2019 20:02

Tgt Ion: 114 Resp: 311616
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.551 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008944.D

Acq: 13 Apr 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-190410DL

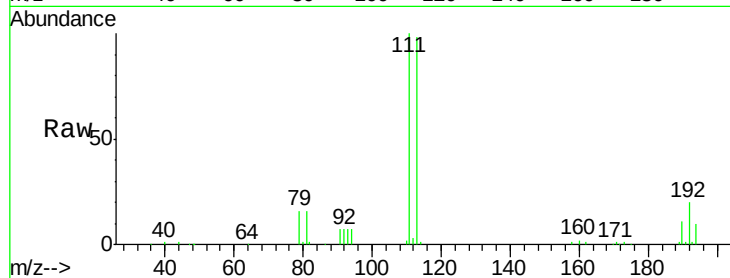
Tot Ion:113 Resp: 92747

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

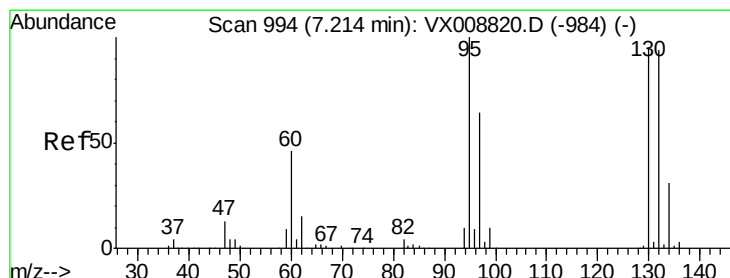
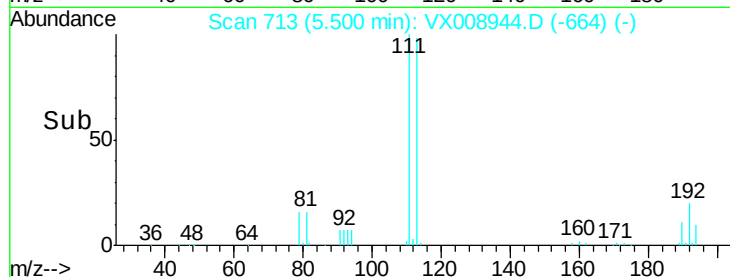
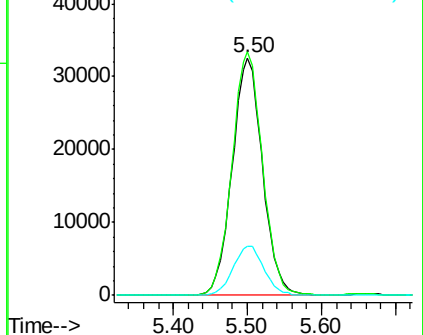
192 21.4 16.1 24.1



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: 1.907 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008944.D

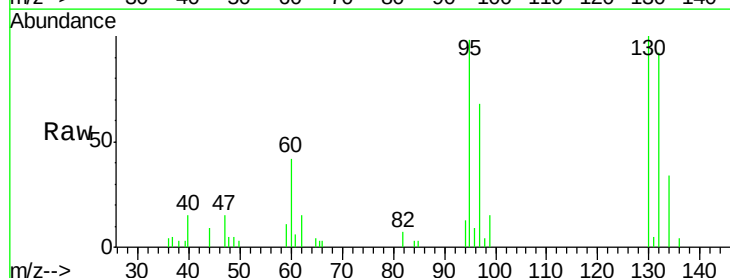
Acq: 13 Apr 2019 20:02

Tgt Ion:130 Resp: 4506

Ion Ratio Lower Upper

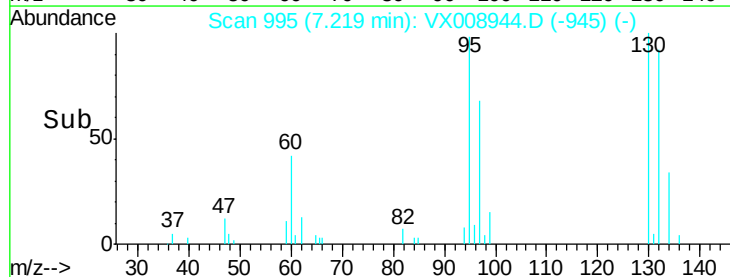
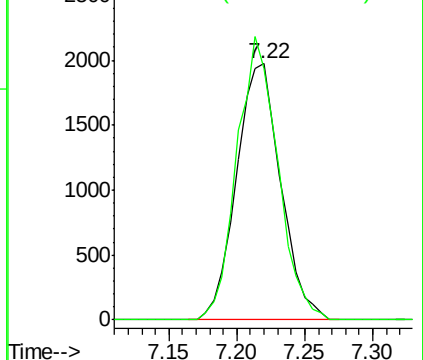
130 100

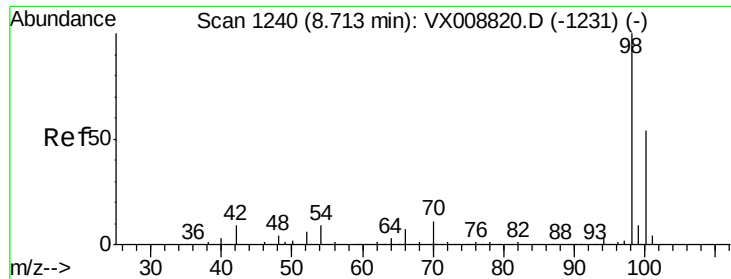
95 98.2 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

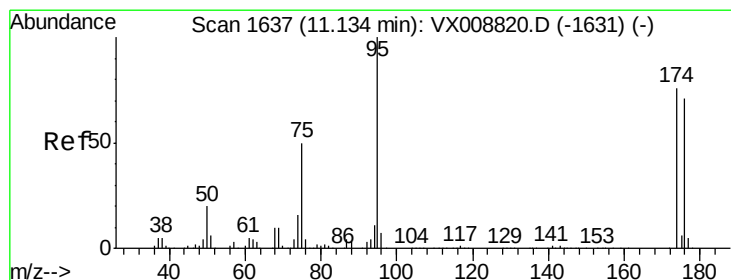
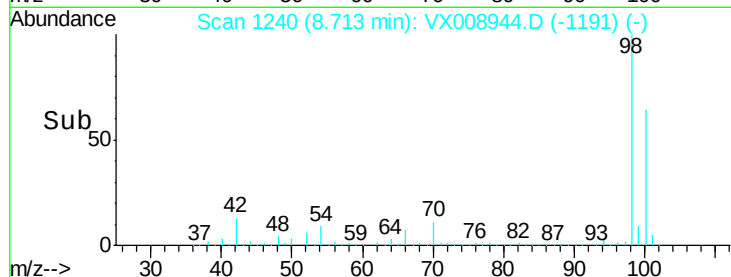
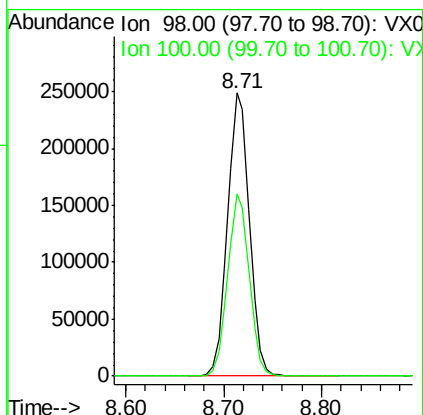
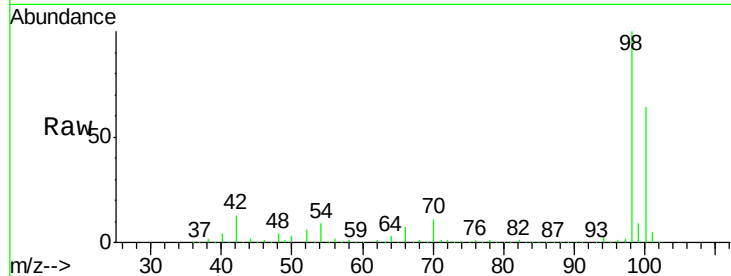




#50
Toluene-d8
Concen: 48.559 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008944.D
Acq: 13 Apr 2019 20:02

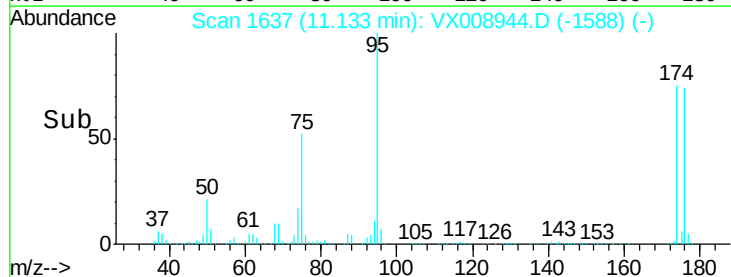
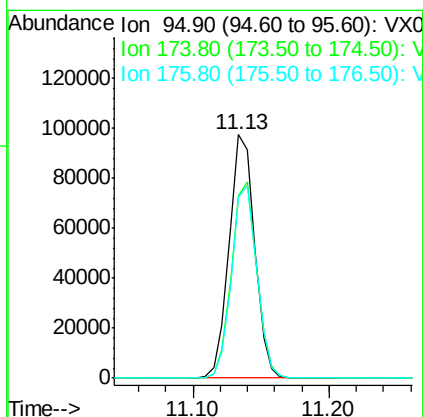
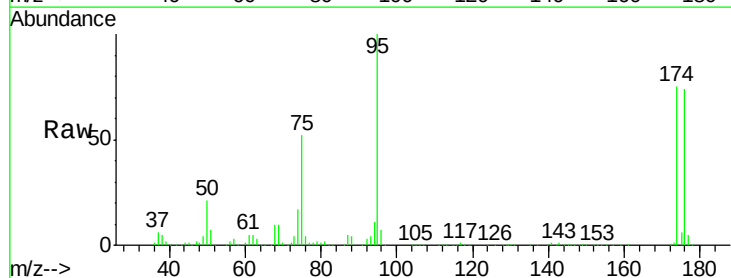
Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-190410DL

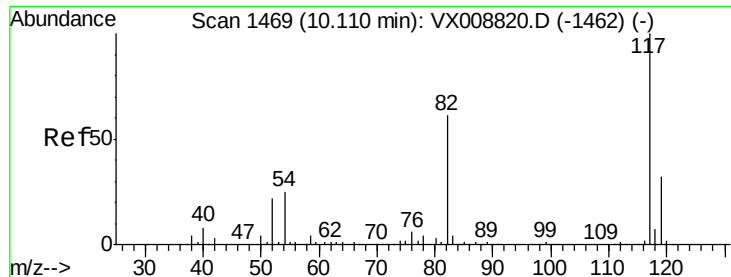
Tot Ion: 98 Resp: 385220
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.337 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008944.D
Acq: 13 Apr 2019 20:02

Tgt Ion: 95 Resp: 127541
Ion Ratio Lower Upper
95 100
174 80.0 0.0 151.8
176 78.7 0.0 145.8

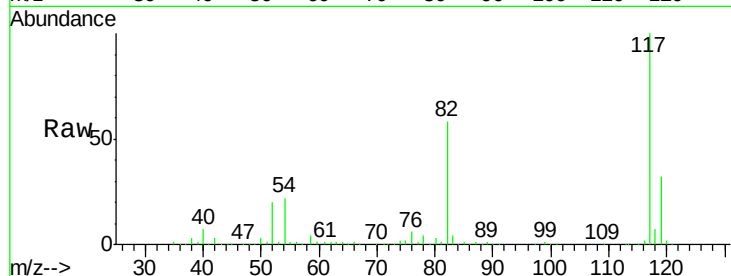




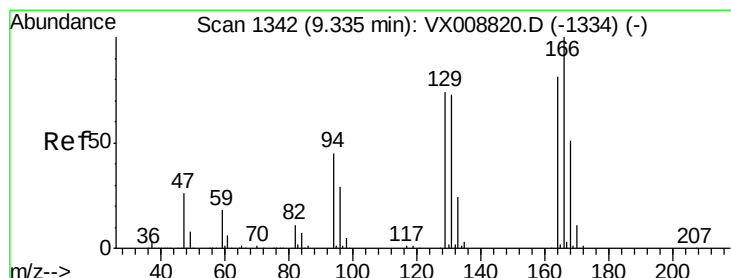
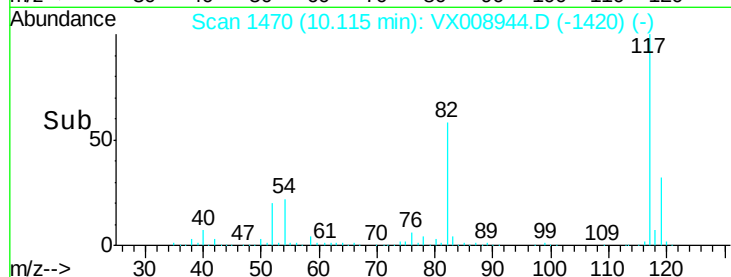
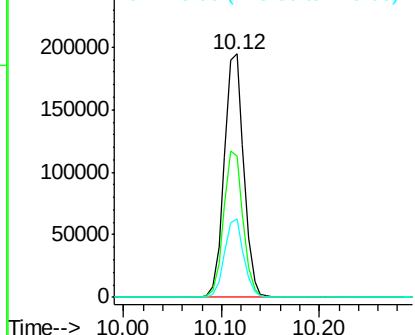
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008944.D
Acq: 13 Apr 2019 20:02

Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-190410DL

Tot Ion:117 Resp: 268742
Ion Ratio Lower Upper
117 100
82 57.8 49.6 74.4
119 32.4 25.0 37.4

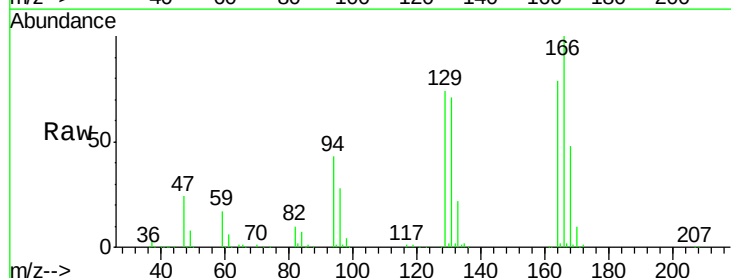


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

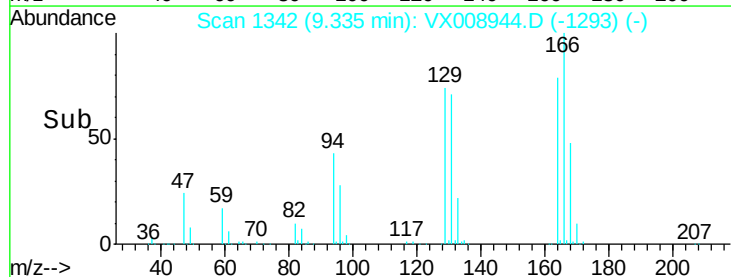
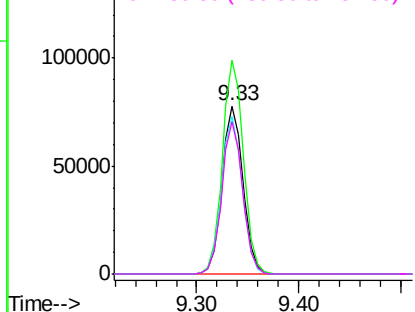


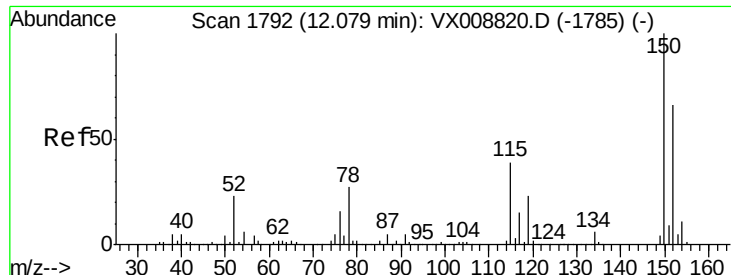
#64
Tetrachloroethene
Concen: 55.574 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008944.D
Acq: 13 Apr 2019 20:02

Tgt Ion:164 Resp: 110653
Ion Ratio Lower Upper
164 100
166 127.1 101.0 151.6
129 93.9 75.8 113.8
131 90.5 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

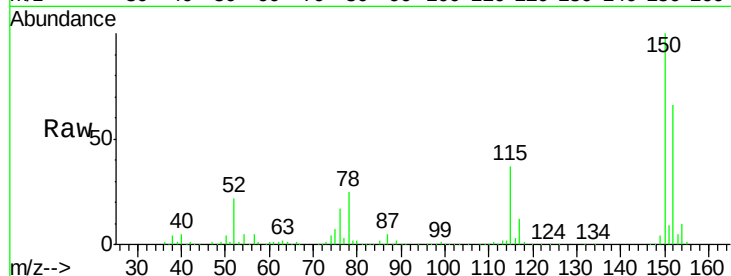




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008944.D
 Acq: 13 Apr 2019 20:02

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-190410DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.5	130.5
150	155.1	0.0	348.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

