

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009460.D
 Acq On : 10 May 2019 04:36
 Operator : JC/SP
 Sample : K2782-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW353-190507

Quant Time: May 10 08:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

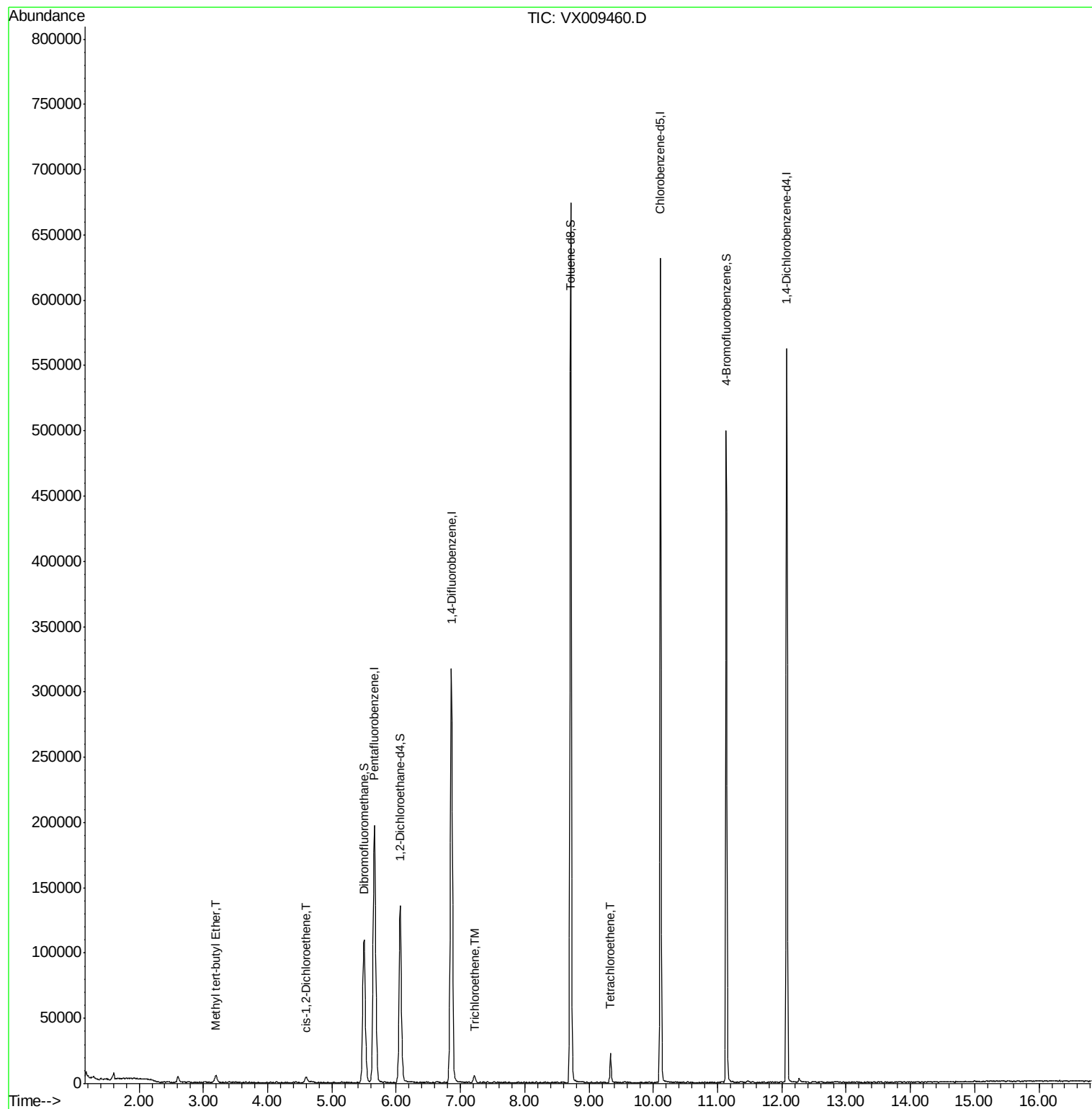
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127561	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.50	113	94482	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	387329	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.13	95	130399	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
Target Compounds						
19) Methyl tert-butyl Ether	3.19	73	5940	0.846	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	2869	1.225	ug/l	88
44) Trichloroethene	7.21	130	2226	1.026	ug/l	91
64) Tetrachloroethene	9.34	164	4175	2.246	ug/l	92

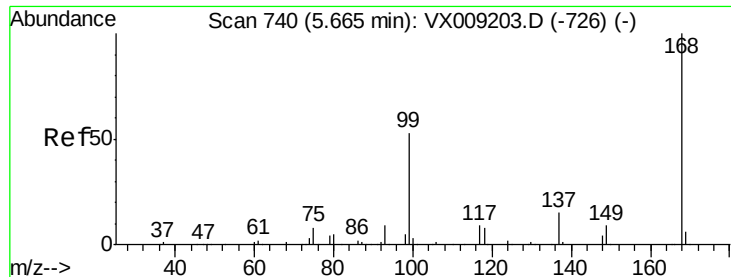
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009460.D

Acq: 10 May 2019 04:36

Instrument :

MSVOA_X

ClientSampleId :

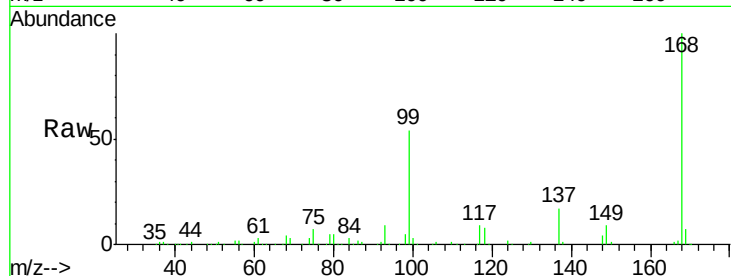
SS052MW353-190507

Tot Ion:168 Resp: 192778

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

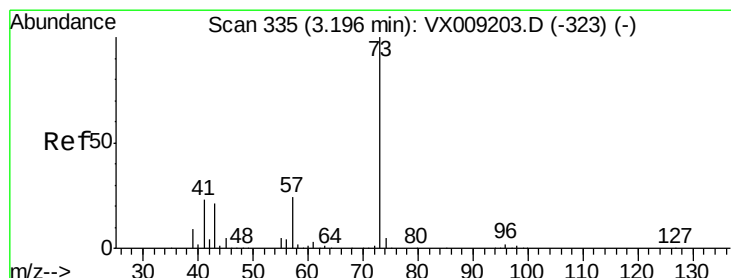
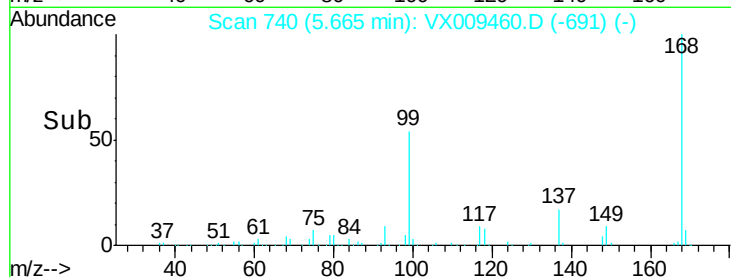
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 0.846 ug/l

RT: 3.19 min Scan# 334

Delta R.T. -0.01 min

Lab File: VX009460.D

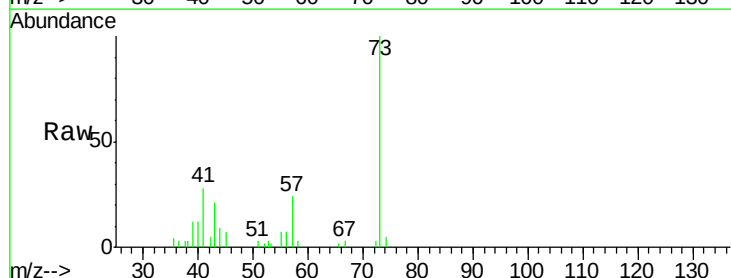
Acq: 10 May 2019 04:36

Tgt Ion: 73 Resp: 5940

Ion Ratio Lower Upper

73 100

57 24.2 19.3 28.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.19

2500

2000

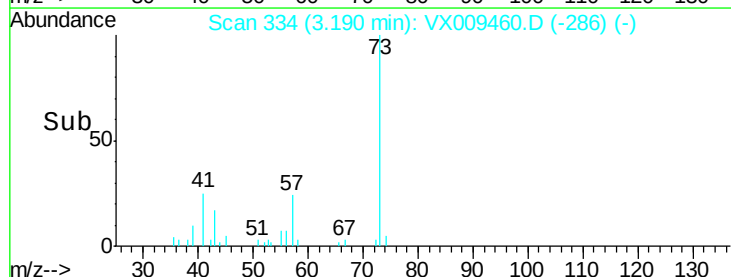
1500

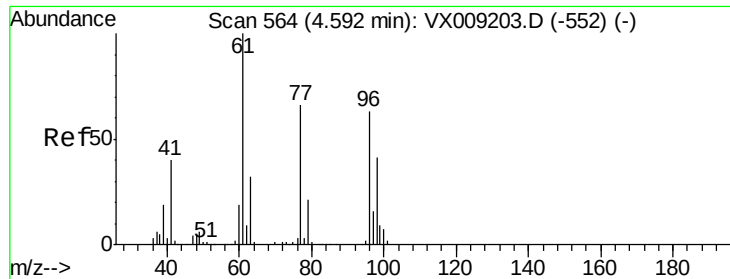
1000

500

0

Time--> 3.10 3.15 3.20 3.25



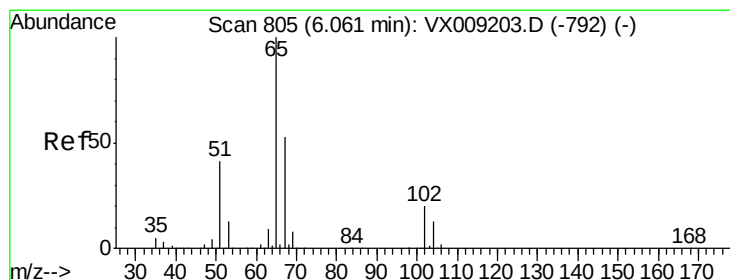
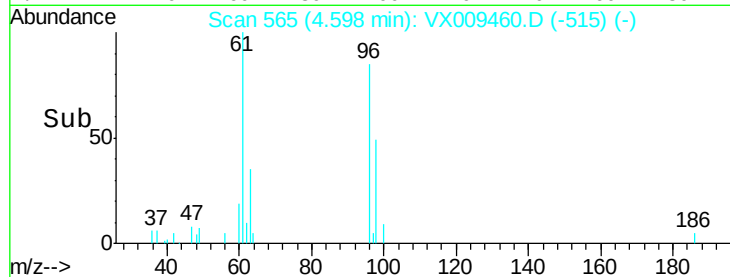
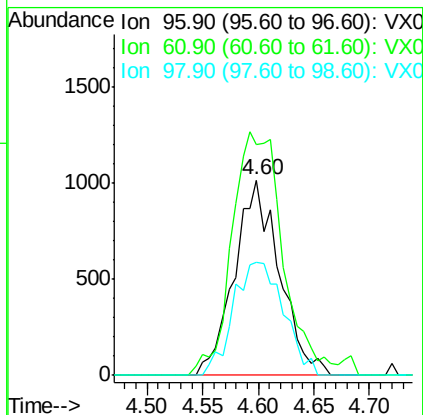
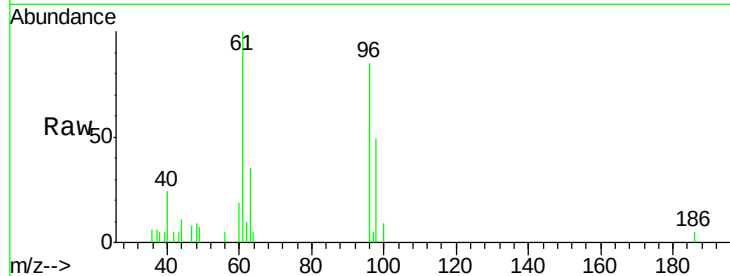


#27

cis-1,2-Dichloroethene
 Concen: 1.225 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009460.D
 Acq: 10 May 2019 04:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW353-190507

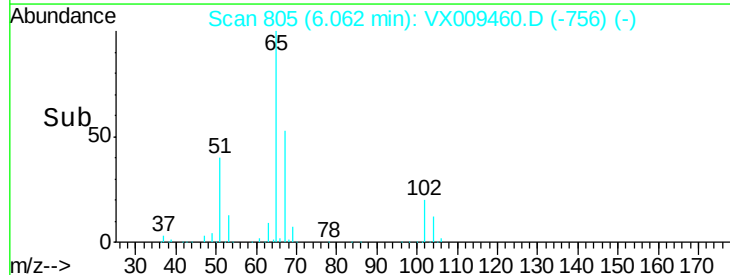
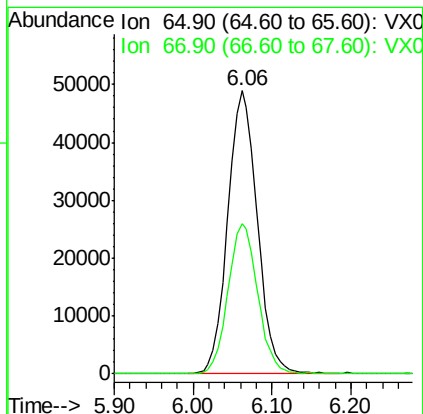
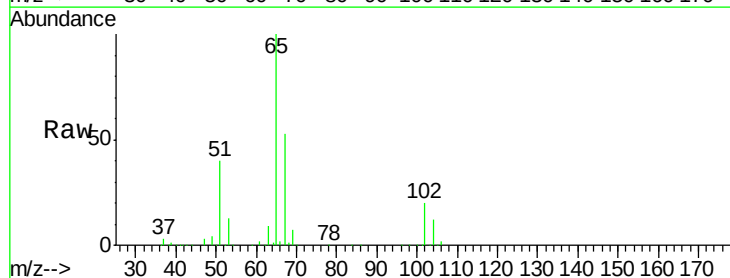
Tot Ion: 96 Resp: 2869
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 324.0
 98 64.2 0.0 130.4

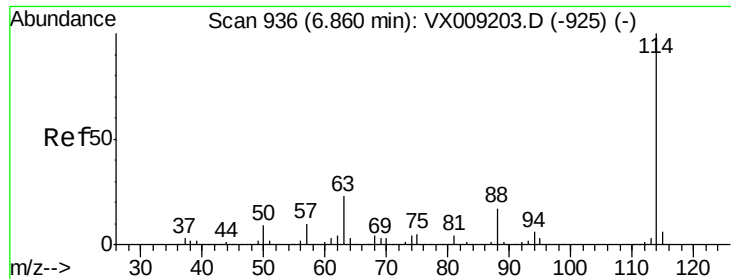


#33

1,2-Dichloroethane-d4
 Concen: 48.472 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009460.D
 Acq: 10 May 2019 04:36

Tgt Ion: 65 Resp: 127561
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6

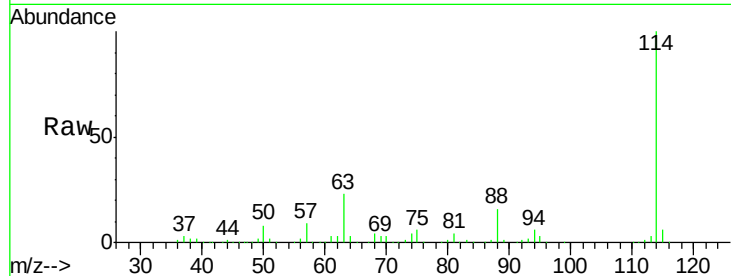




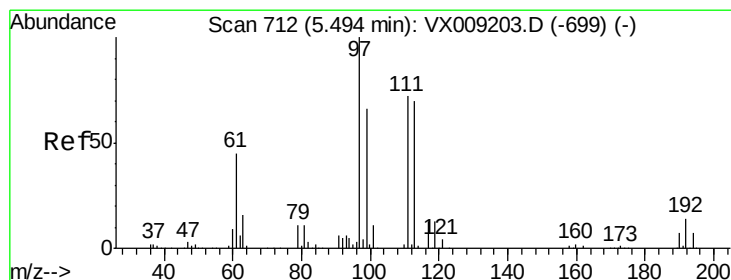
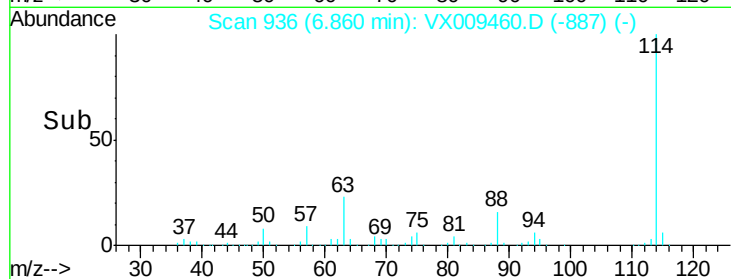
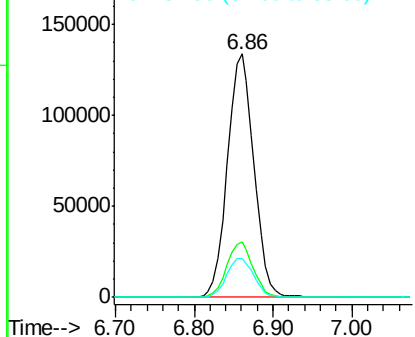
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009460.D
 Acq: 10 May 2019 04:36

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW353-190507

Tot Ion:114 Resp: 311972
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.1 0.0 33.2

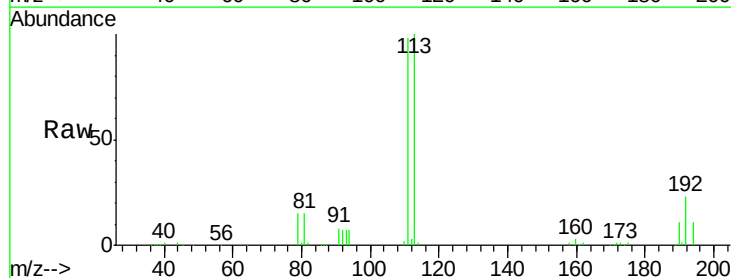


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

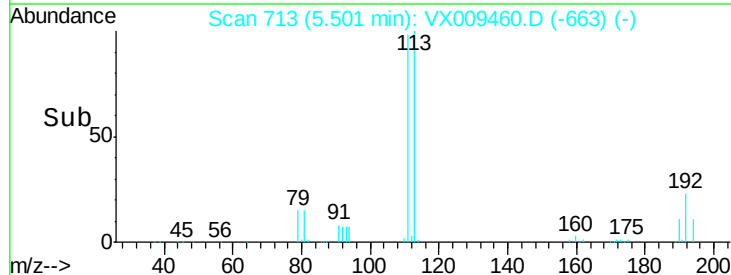
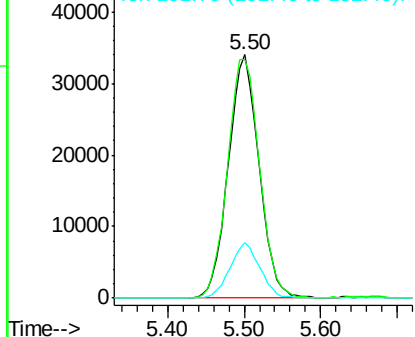


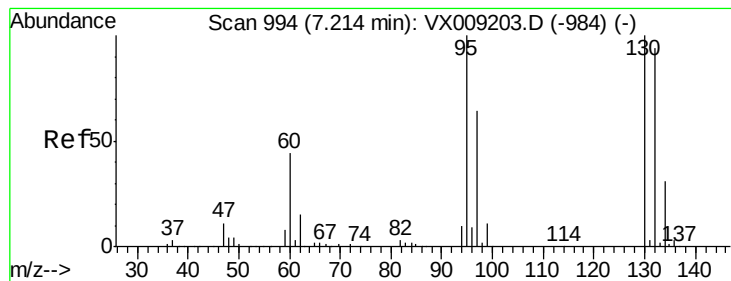
#35
 Dibromofluoromethane
 Concen: 48.176 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009460.D
 Acq: 10 May 2019 04:36

Tgt Ion:113 Resp: 94482
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 22.2 17.0 25.6



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: 1.026 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009460.D

Acq: 10 May 2019 04:36

Instrument :

MSVOA_X

ClientSampleId :

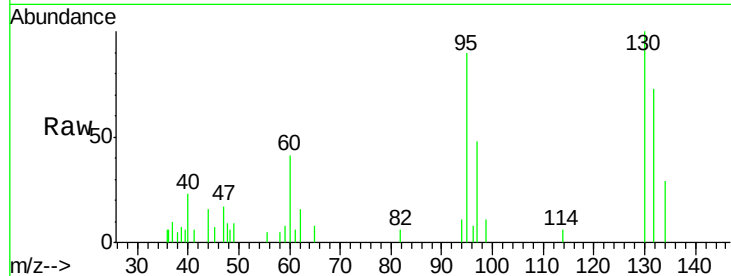
SS052MW353-190507

Tot Ion:130 Resp: 2226

Ion Ratio Lower Upper

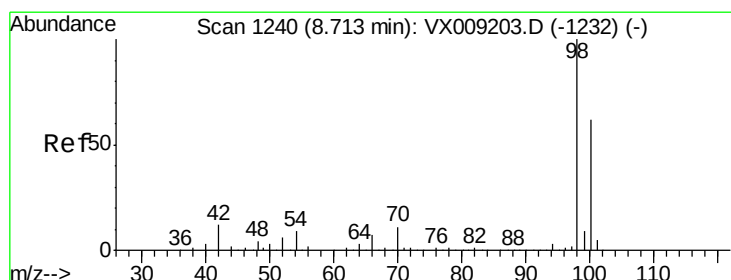
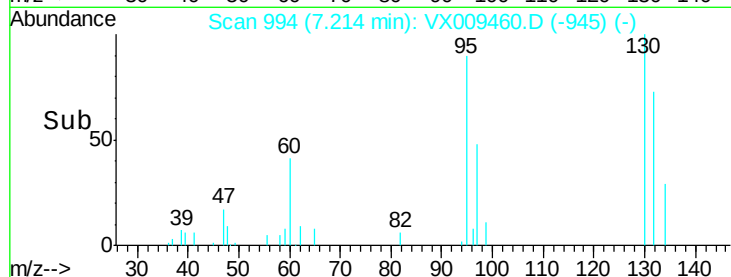
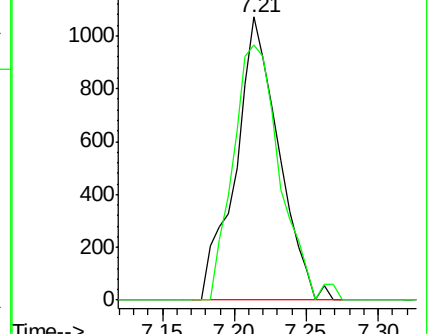
130 100

95 90.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.919 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009460.D

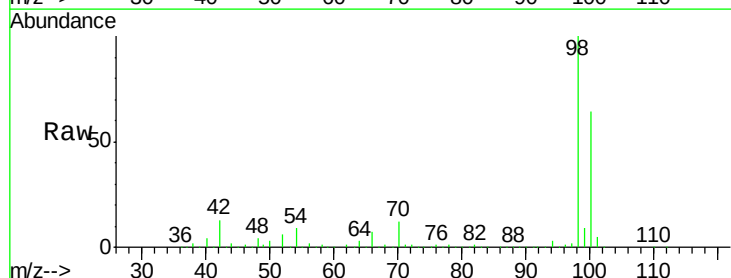
Acq: 10 May 2019 04:36

Tgt Ion: 98 Resp: 387329

Ion Ratio Lower Upper

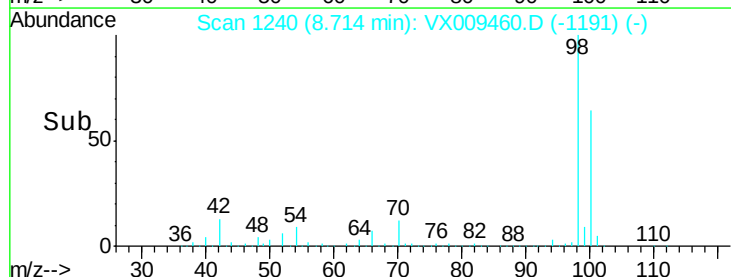
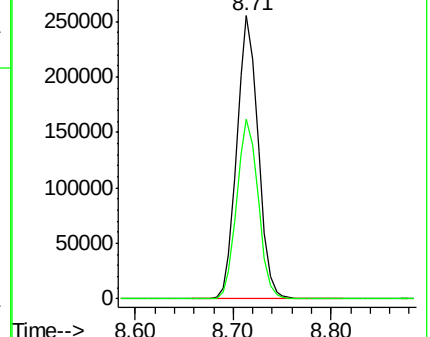
98 100

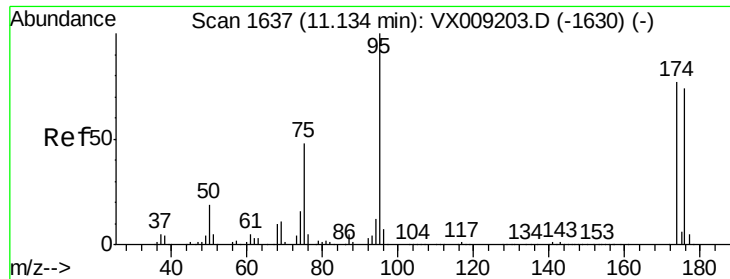
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.324 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009460.D

Acq: 10 May 2019 04:36

Instrument :

MSVOA_X

ClientSampleId :

SS052MW353-190507

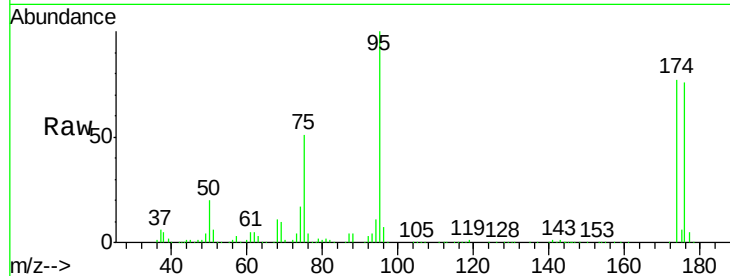
Tot Ion: 95 Resp: 130399

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

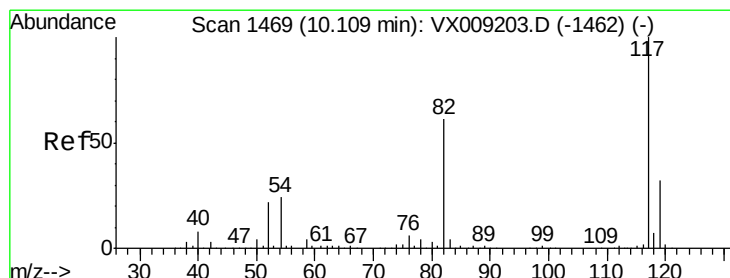
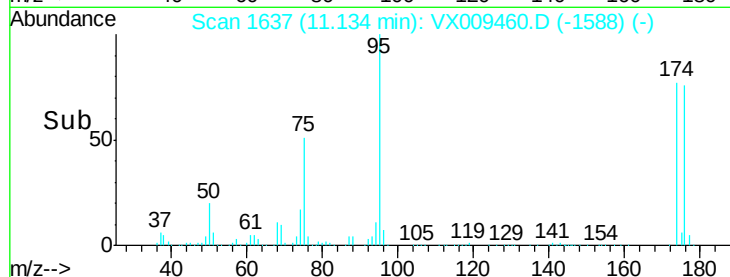
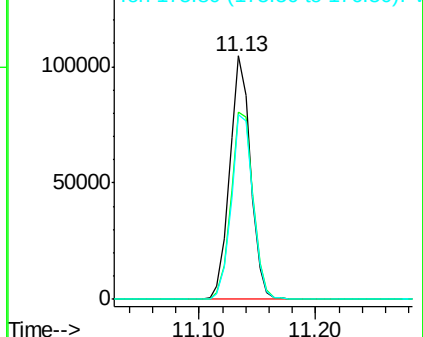
176 79.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009460.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009460.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009460.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009460.D

Acq: 10 May 2019 04:36

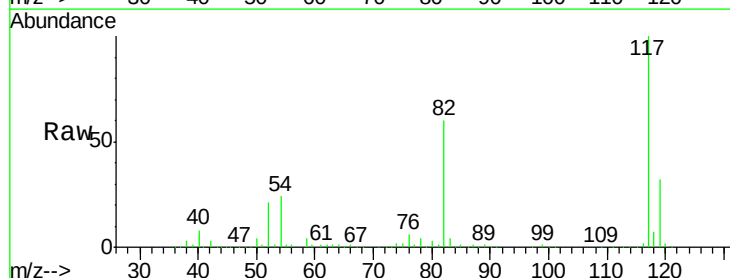
Tgt Ion: 117 Resp: 270998

Ion Ratio Lower Upper

117 100

82 60.0 48.8 73.2

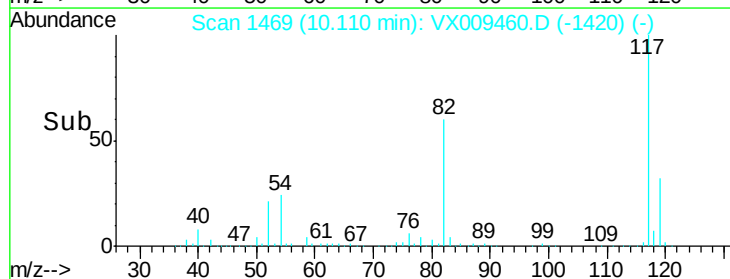
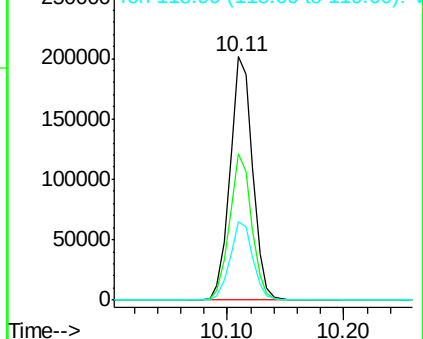
119 32.1 25.8 38.6

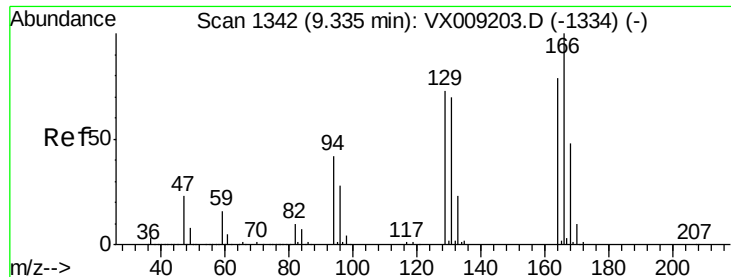


Abundance Ion 116.90 (116.60 to 117.60): VX009460.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009460.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009460.D (-1420) (-)

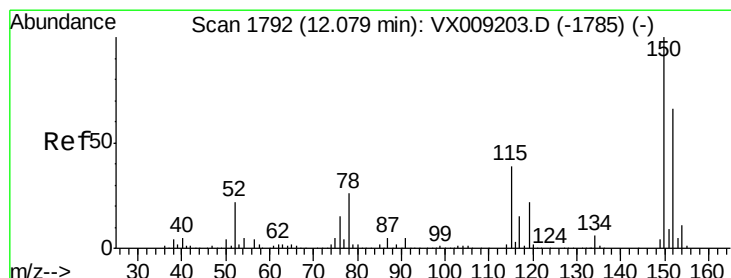
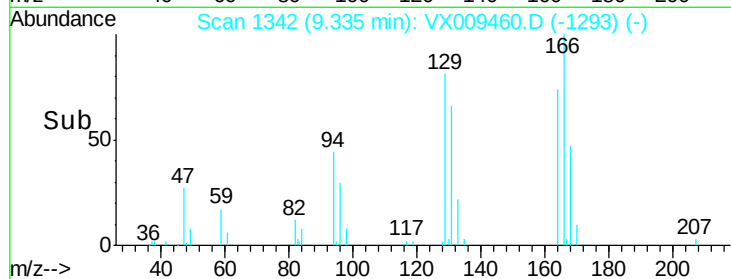
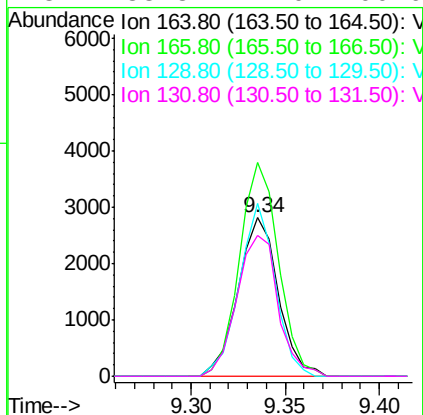
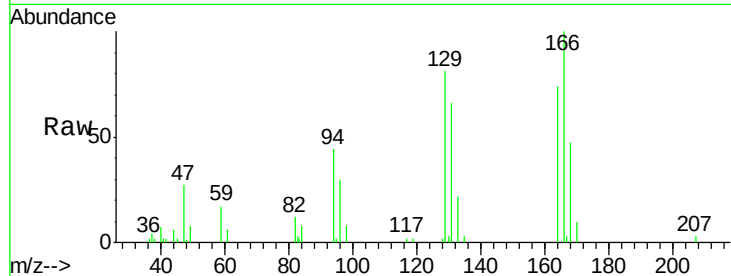




#64
Tetrachloroethene
Concen: 2.246 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009460.D
Acq: 10 May 2019 04:36

Instrument :
MSVOA_X
ClientSampleId :
SS052MW353-190507

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.9	101.2	151.8
129	108.9	74.3	111.5
131	88.8	71.0	106.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009460.D
Acq: 10 May 2019 04:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	41.2	123.6
150	156.5	0.0	346.4

