

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008723.D
 Acq On : 06 Apr 2019 16:15
 Operator : JC/SP
 Sample : K2295-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-190404

Quant Time: Apr 08 03:59:09 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

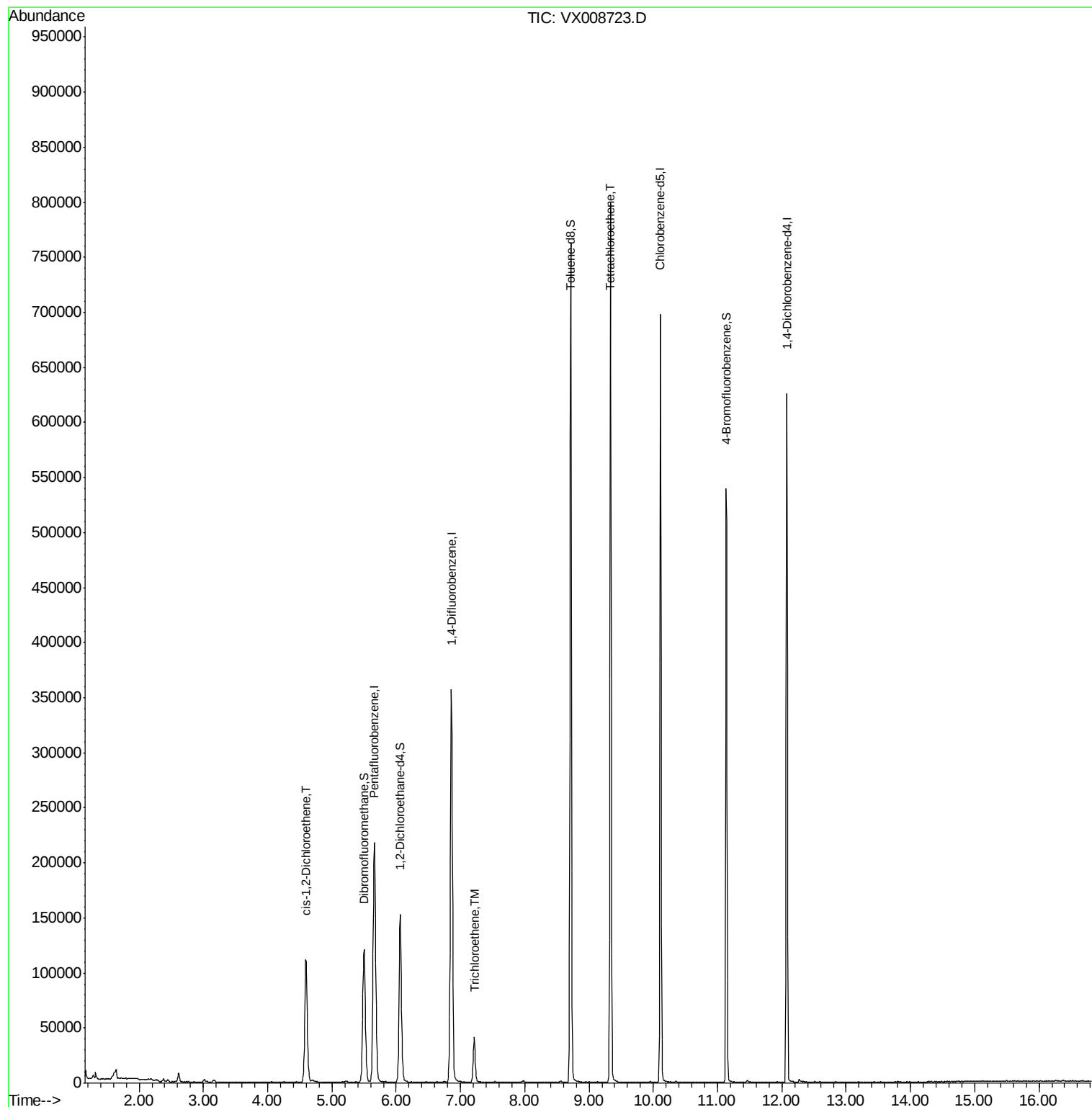
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	209505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143436	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
35) Dibromofluoromethane	5.50	113	105165	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	8.71	98	436654	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	147192	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	69684	23.135	ug/l	89
44) Trichloroethene	7.21	130	15375	5.815	ug/l	92
64) Tetrachloroethene	9.34	164	151066	67.267	ug/l	98

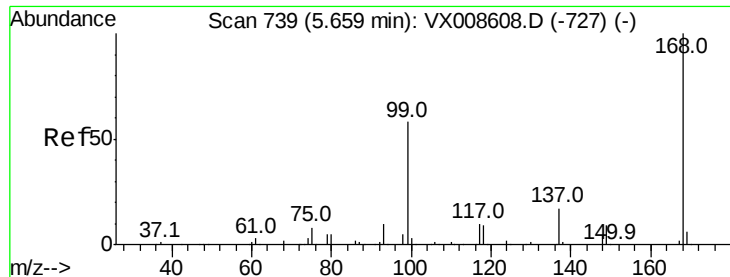
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

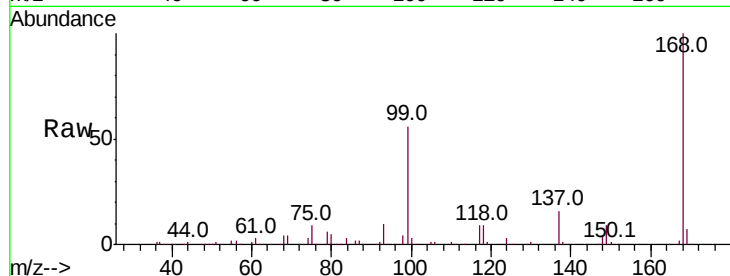
ST008MW026-190404

Tot Ion:168 Resp: 209505

Ion Ratio Lower Upper

168 100

99 56.1 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

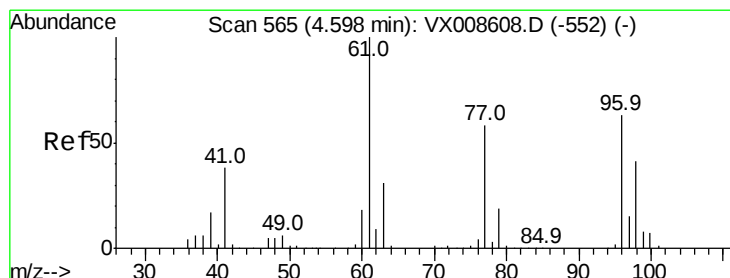
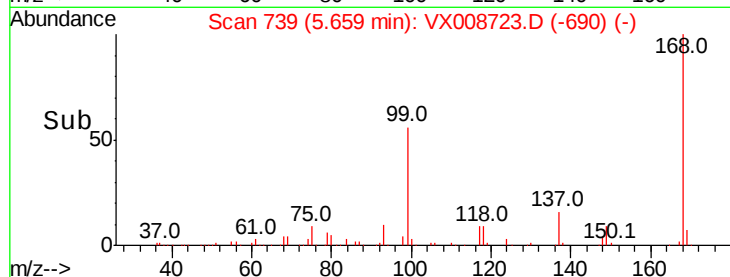
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 23.135 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

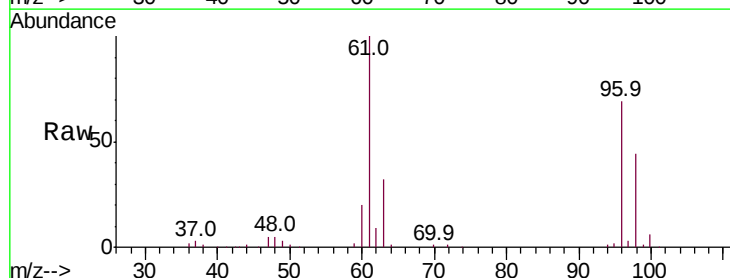
Tgt Ion: 96 Resp: 69684

Ion Ratio Lower Upper

96 100

61 142.9 0.0 327.6

98 63.9 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

40000

30000

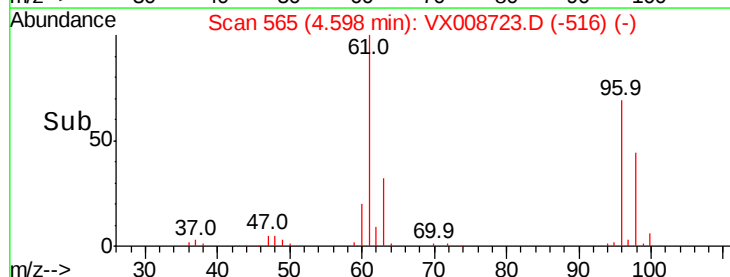
20000

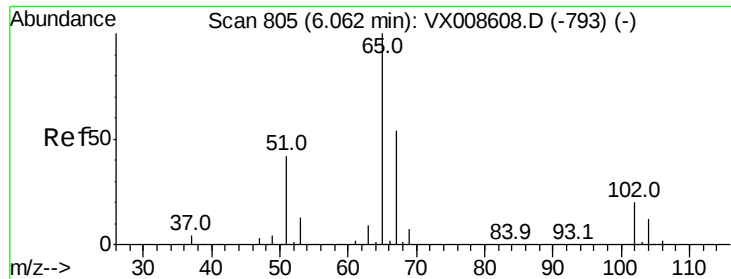
10000

0

Time-->

4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 46.940 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

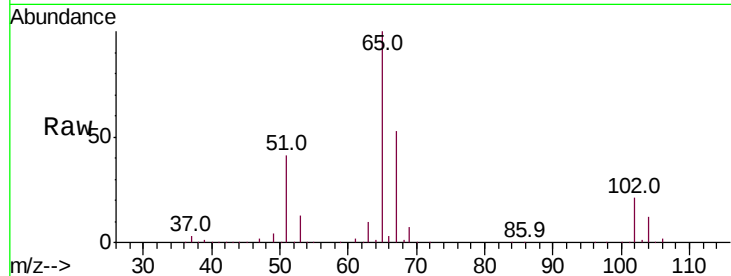
ST008MW026-190404

Tot Ion: 65 Resp: 143436

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

20000

10000

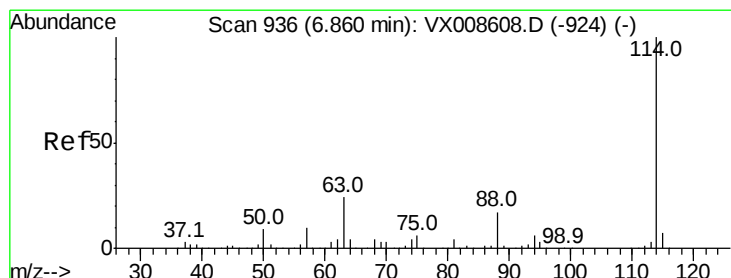
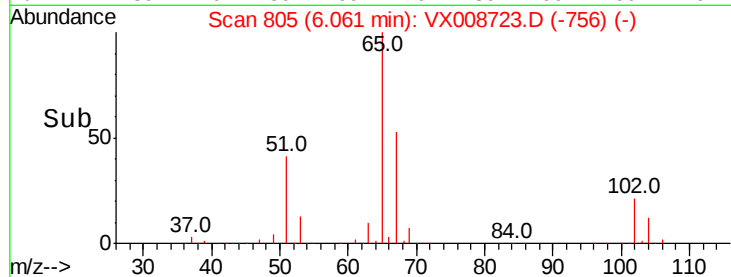
0

5.90

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

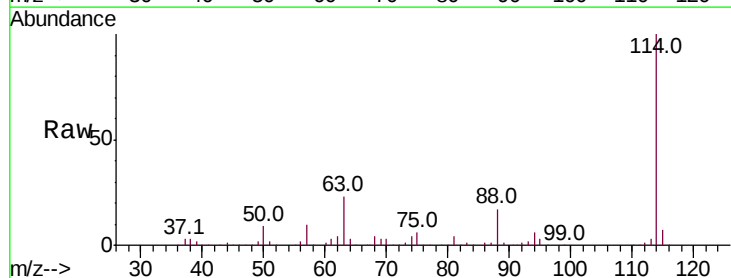
Tgt Ion:114 Resp: 348630

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

88 16.9 0.0 34.0



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

200000

150000

100000

50000

0

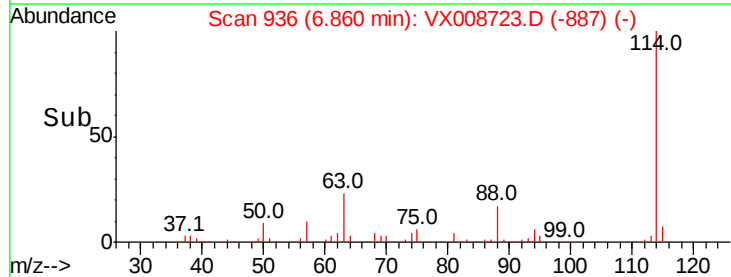
6.70

6.80

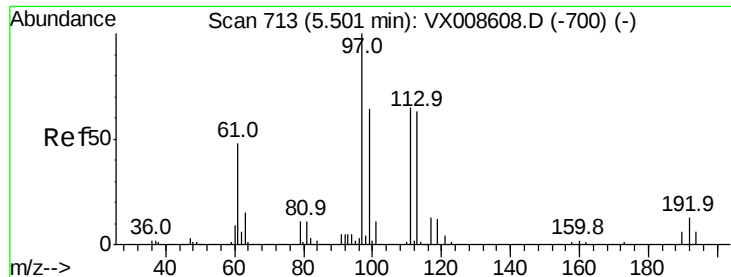
6.90

7.00

7.10



Time-->



#35

Dibromofluoromethane

Concen: 47.180 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

ST008MW026-190404

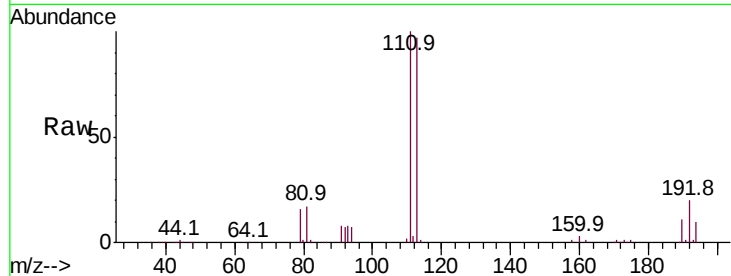
Tot Ion:113 Resp: 105165

Ion Ratio Lower Upper

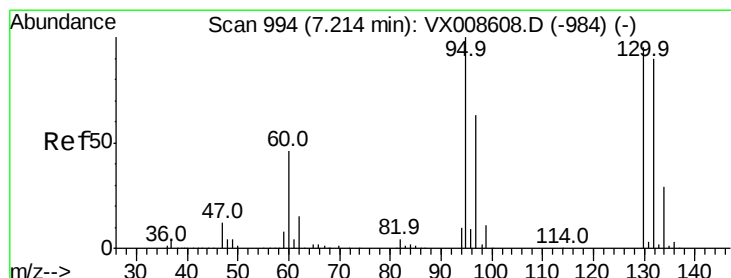
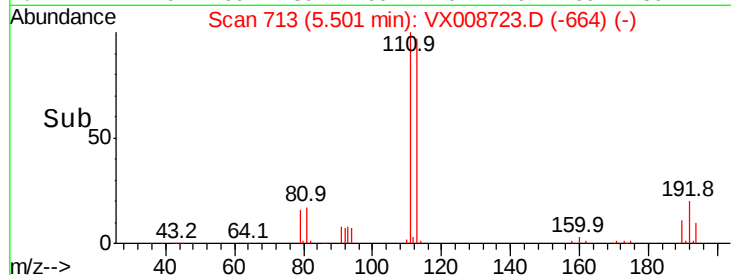
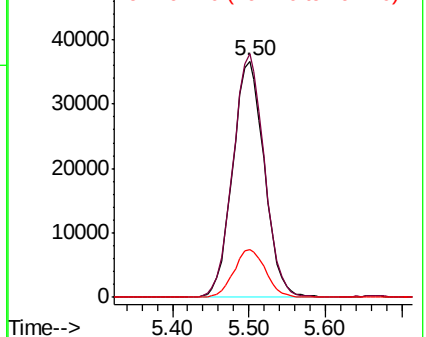
113 100

111 102.3 83.4 125.2

192 20.3 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: 5.815 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008723.D

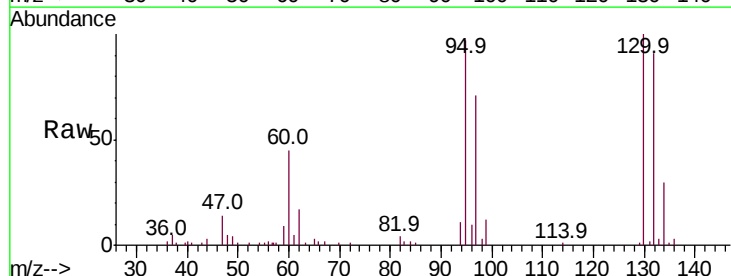
Acq: 06 Apr 2019 16:15

Tgt Ion:130 Resp: 15375

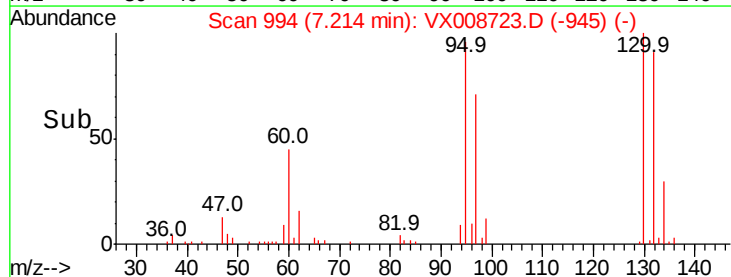
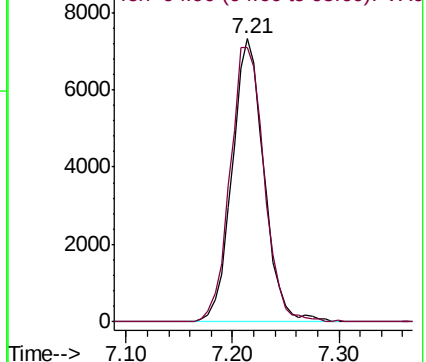
Ion Ratio Lower Upper

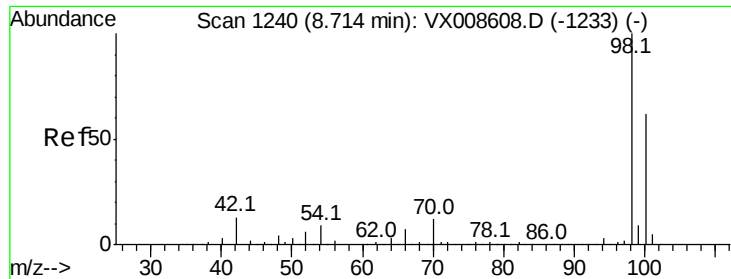
130 100

95 97.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.199 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

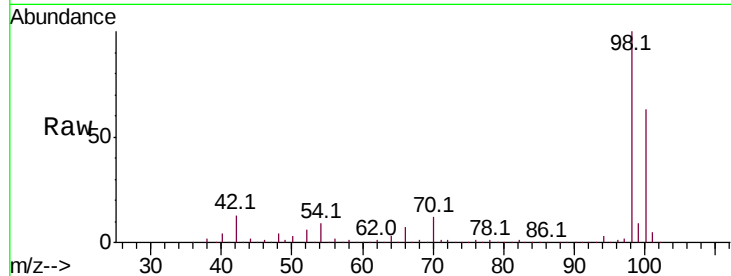
ST008MW026-190404

Tot Ion: 98 Resp: 436654

Ion Ratio Lower Upper

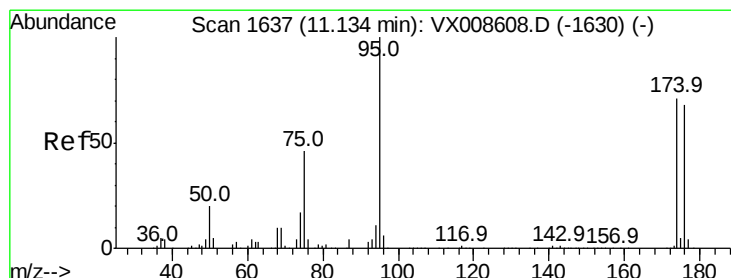
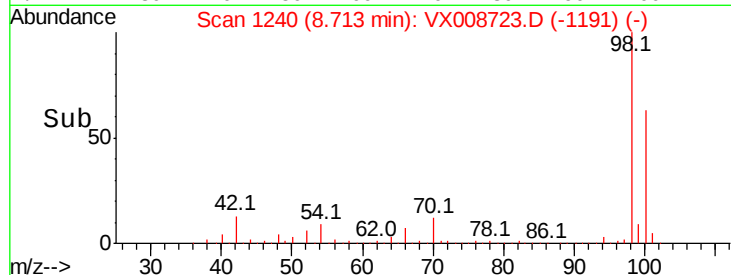
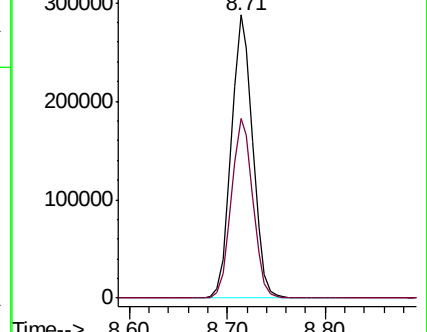
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.767 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008723.D

Acq: 06 Apr 2019 16:15

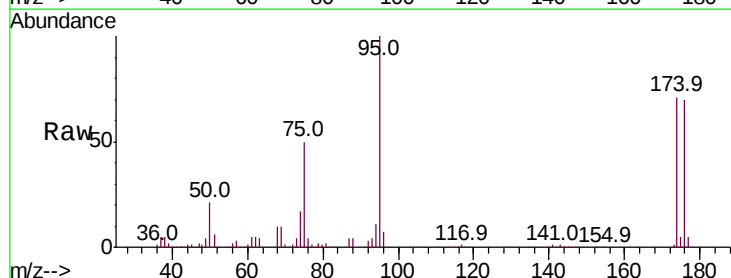
Tgt Ion: 95 Resp: 147192

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.8

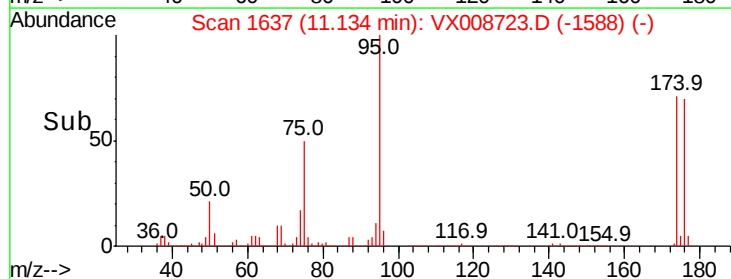
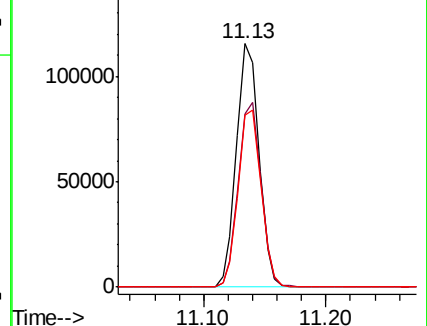
176 74.0 0.0 145.8

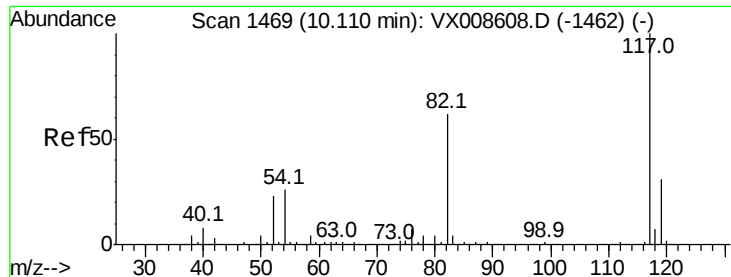


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

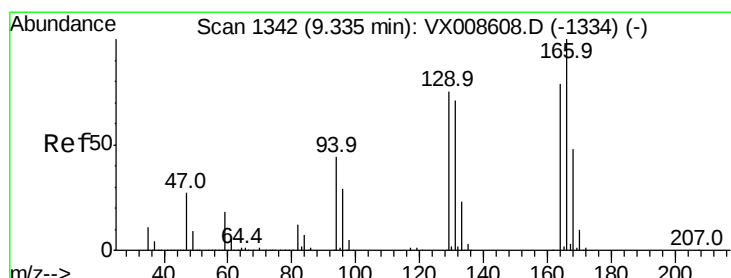
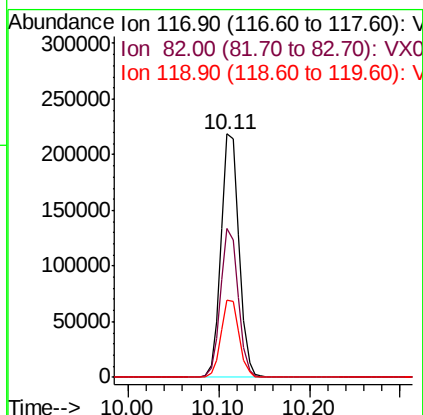
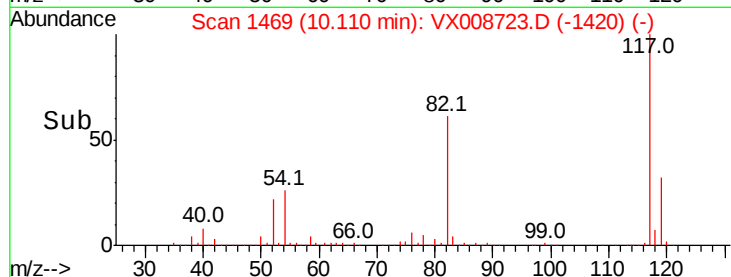
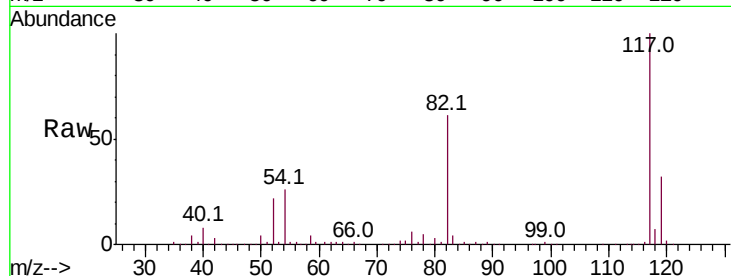




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008723.D
Acq: 06 Apr 2019 16:15

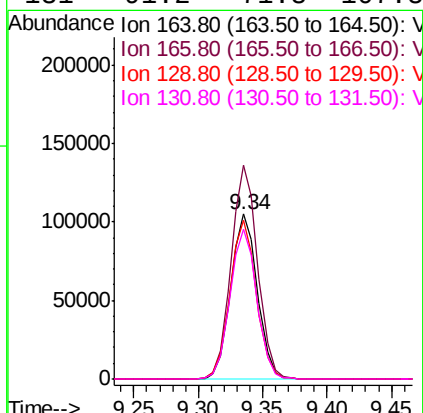
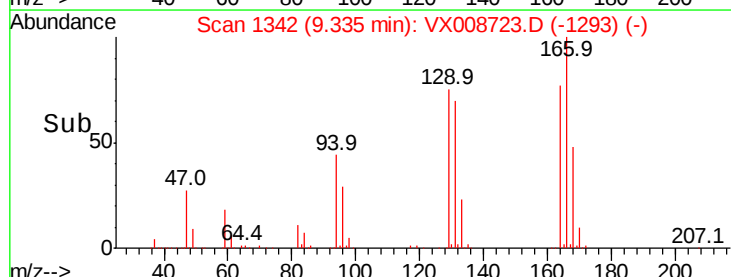
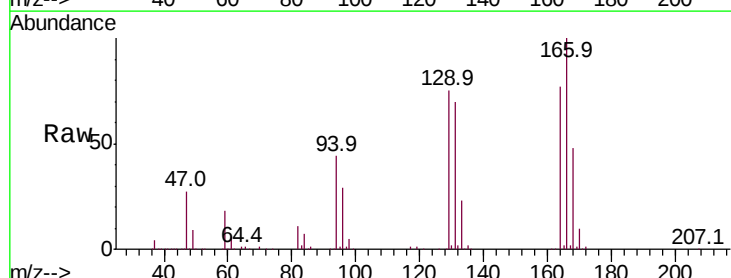
Instrument :
MSVOA_X
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ST008MW026-190404

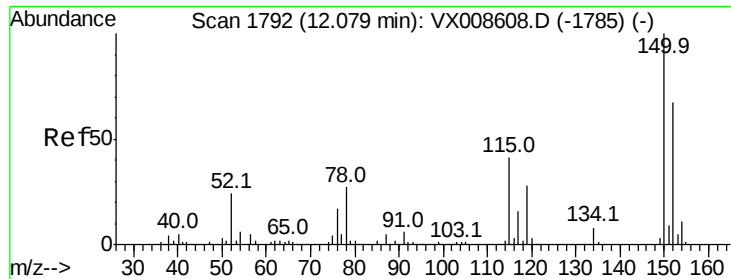
Tot Ion:117 Resp: 303116
Ion Ratio Lower Upper
117 100
82 61.3 49.6 74.4
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 67.267 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008723.D
Acq: 06 Apr 2019 16:15

Tgt Ion:164 Resp: 151066
Ion Ratio Lower Upper
164 100
166 129.7 101.0 151.6
129 96.6 75.8 113.8
131 91.2 71.8 107.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX008723.D
 Acq: 06 Apr 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW026-190404

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.7	43.5	130.5
150	158.1	0.0	348.8

