

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009291.D
 Acq On : 02 May 2019 22:20
 Operator : JC/SP
 Sample : K2660-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-190429

Quant Time: May 03 04:15:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

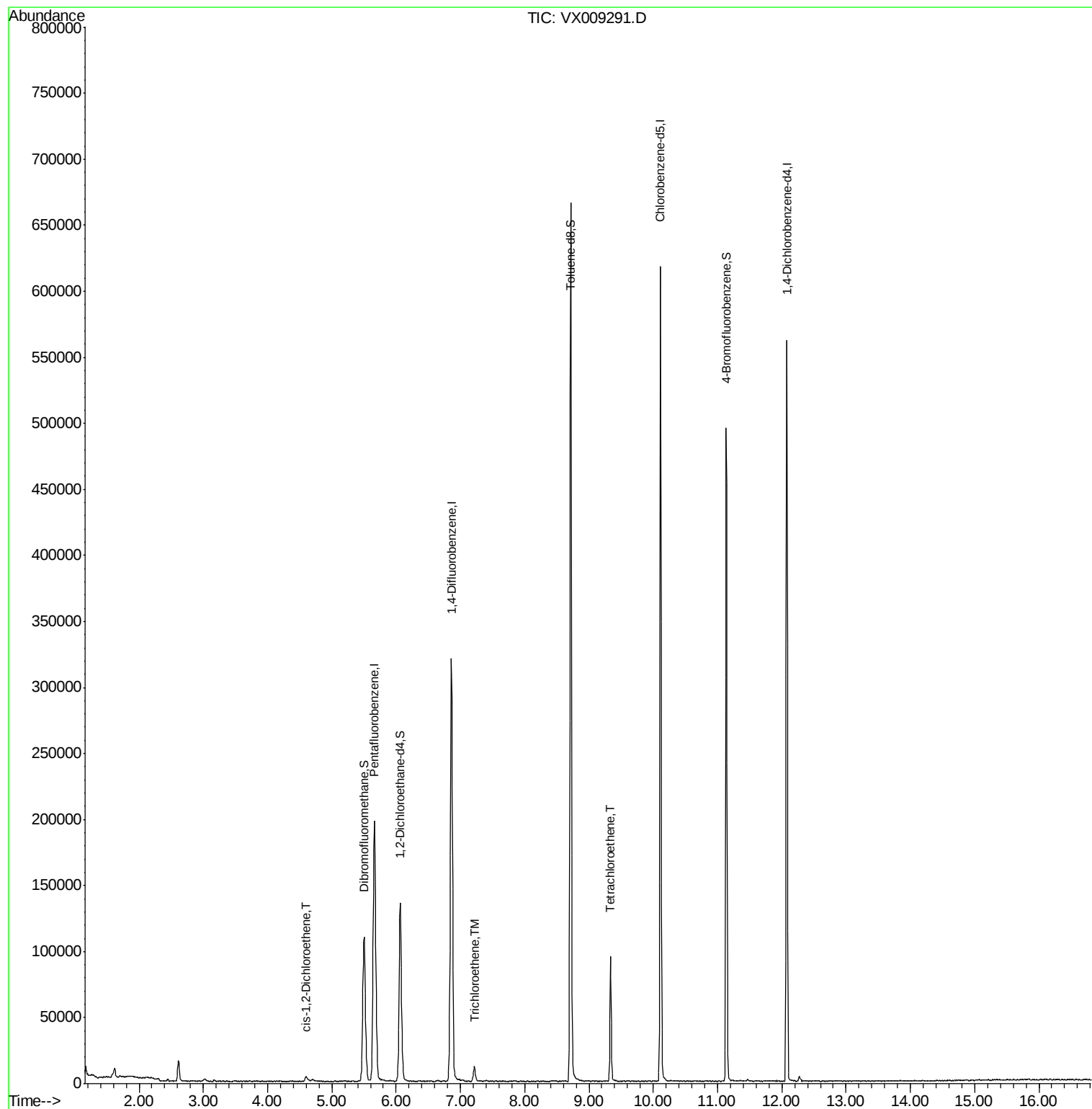
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128904	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	95966	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	391221	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.13	95	130418	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	2033	0.868	ug/l	90
44) Trichloroethene	7.21	130	4097	1.869	ug/l	85
64) Tetrachloroethene	9.34	164	18891	9.970	ug/l	96

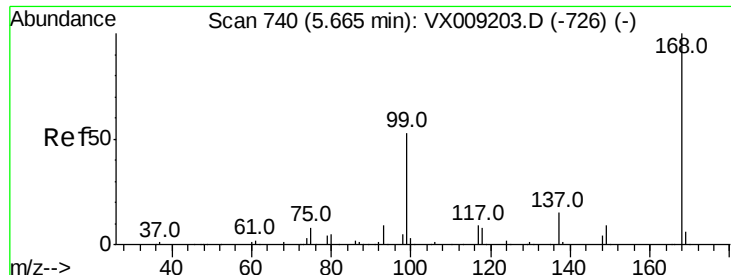
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

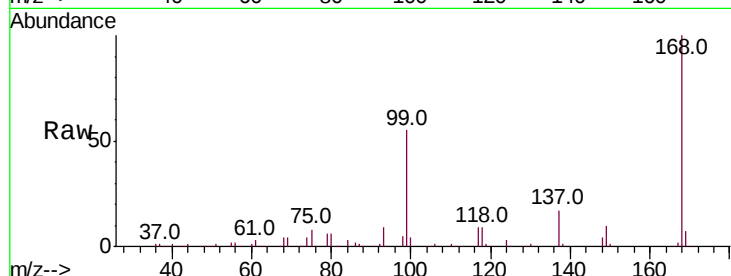
SS036MW004-190429

Tot Ion:168 Resp: 192750

Ion Ratio Lower Upper

168 100

99 55.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

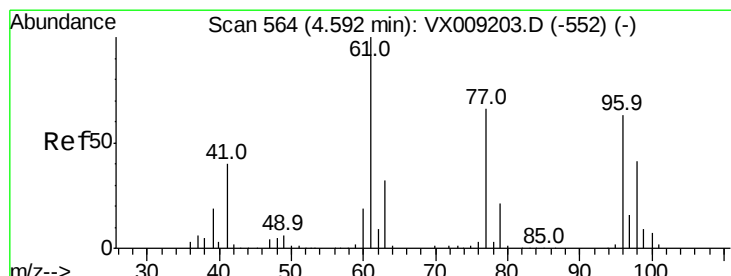
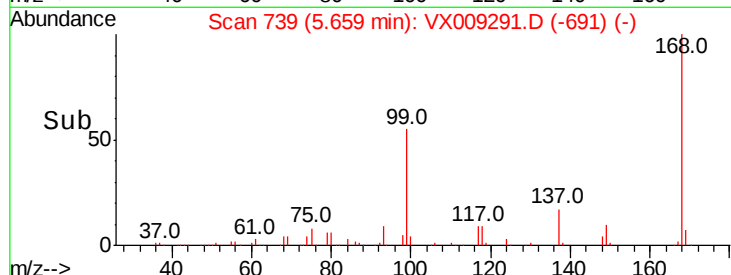
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.868 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

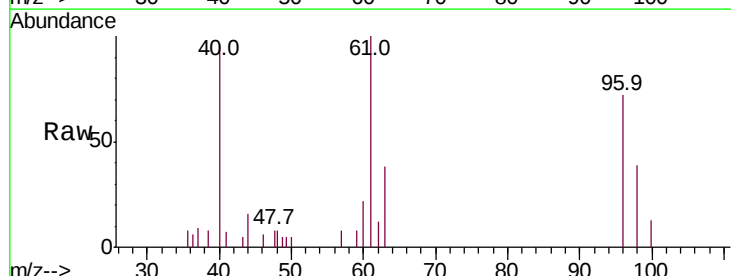
Tgt Ion: 96 Resp: 2033

Ion Ratio Lower Upper

96 100

61 146.1 0.0 324.0

98 68.7 0.0 130.4



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

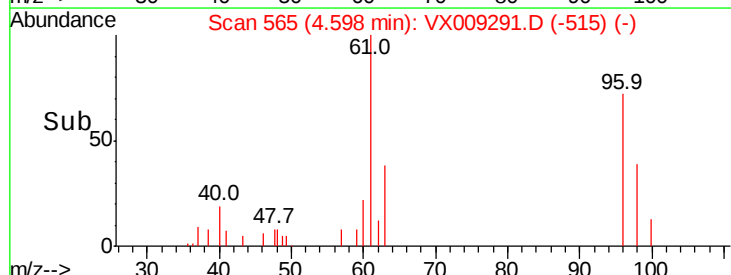
4.60

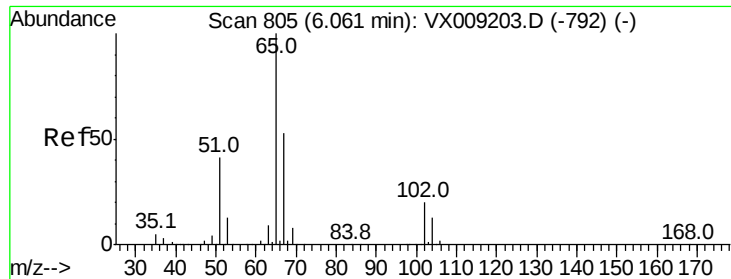
1000

500

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.989 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

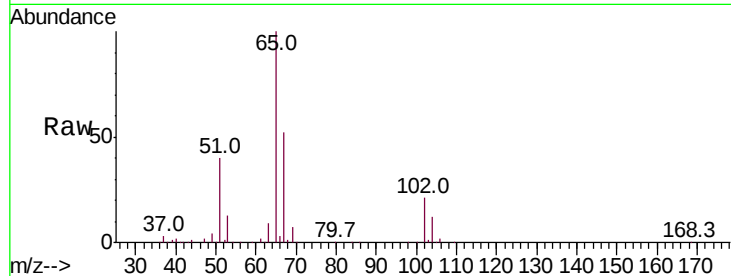
SS036MW004-190429

Tot Ion: 65 Resp: 128904

Ion Ratio Lower Upper

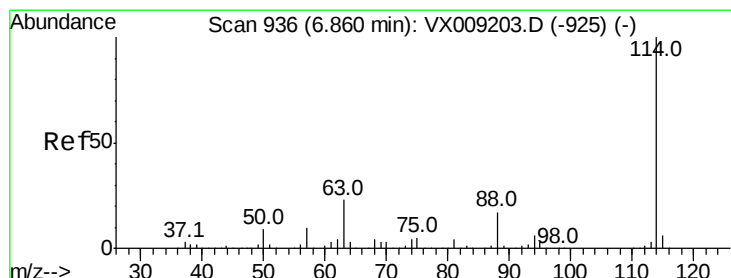
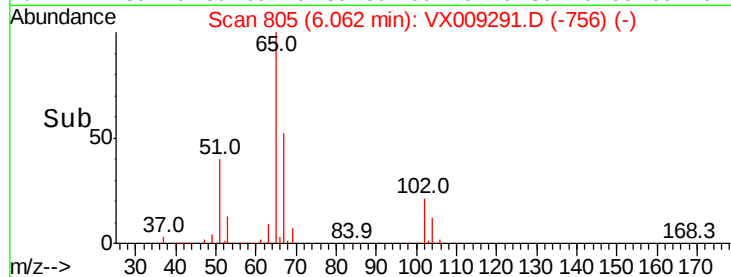
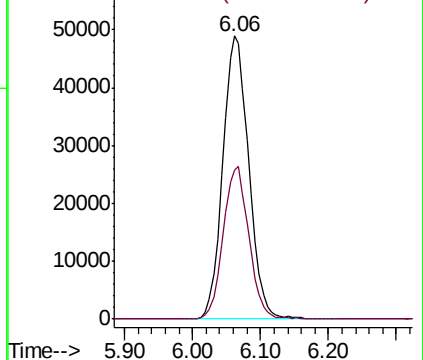
65 100

67 53.4 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

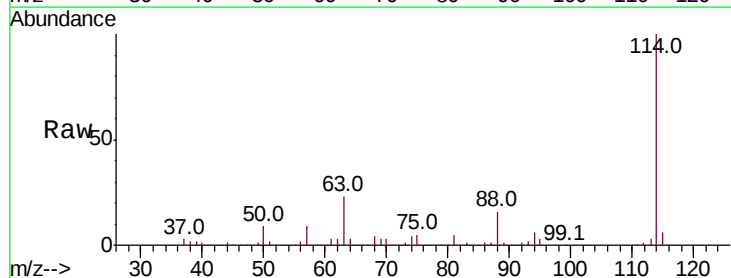
Tgt Ion:114 Resp: 315319

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

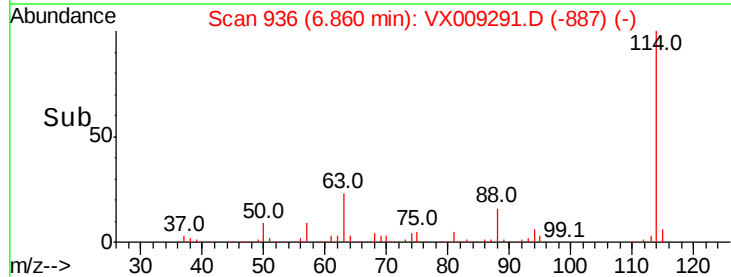
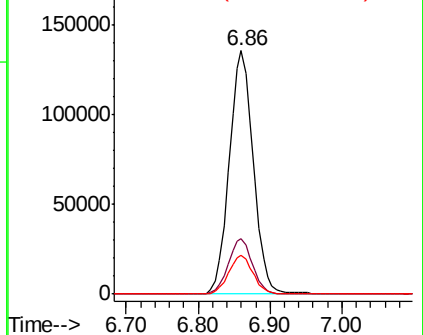
88 15.9 0.0 33.2

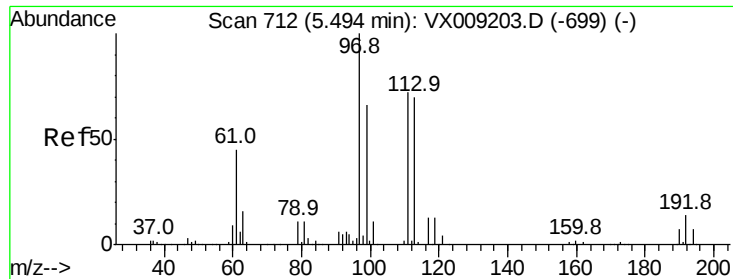


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.413 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

SS036MW004-190429

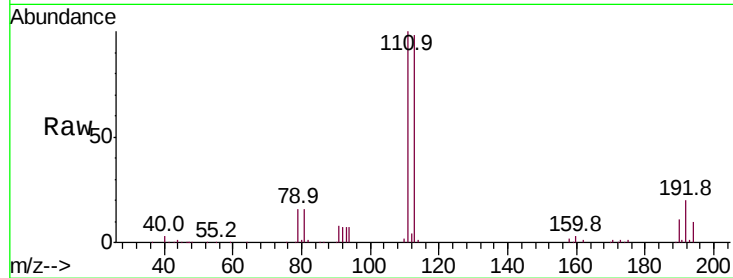
Tot Ion:113 Resp: 95966

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

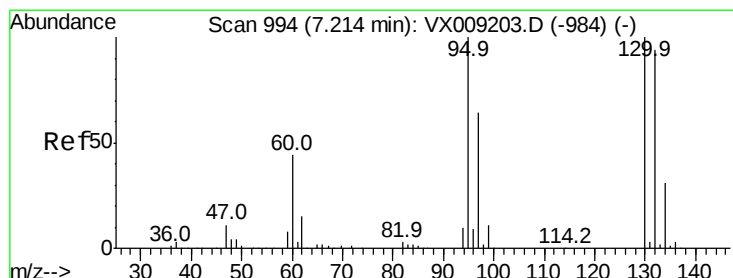
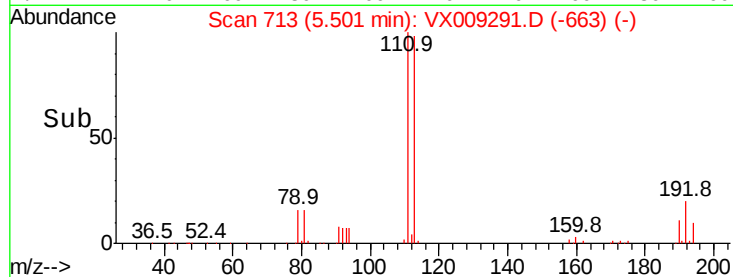
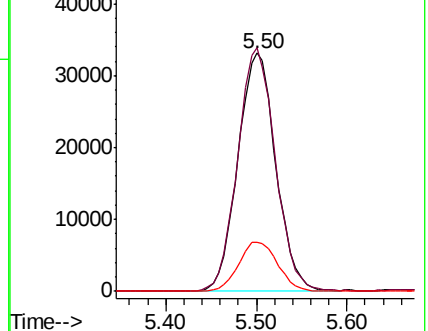
192 21.4 17.0 25.6



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: 1.869 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009291.D

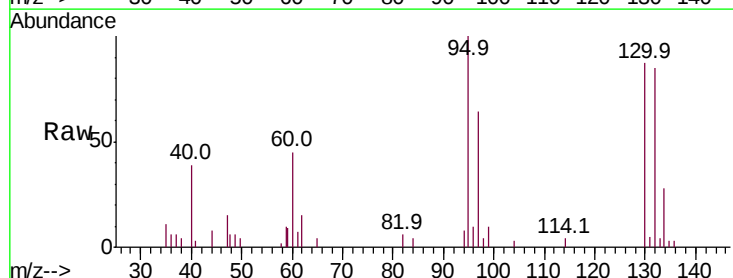
Acq: 02 May 2019 22:20

Tgt Ion:130 Resp: 4097

Ion Ratio Lower Upper

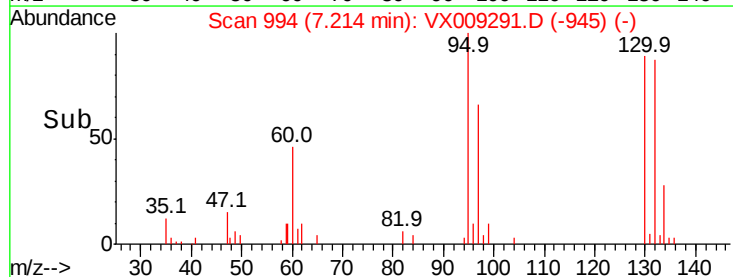
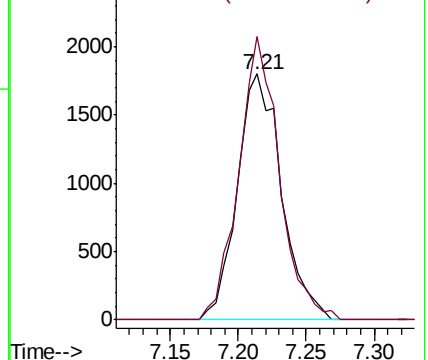
130 100

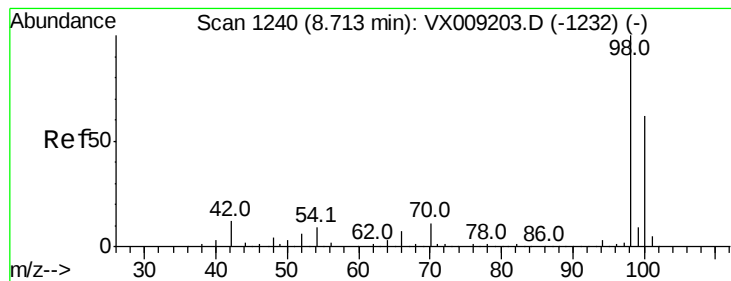
95 115.0 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.886 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

Instrument :

MSVOA_X

ClientSampleId :

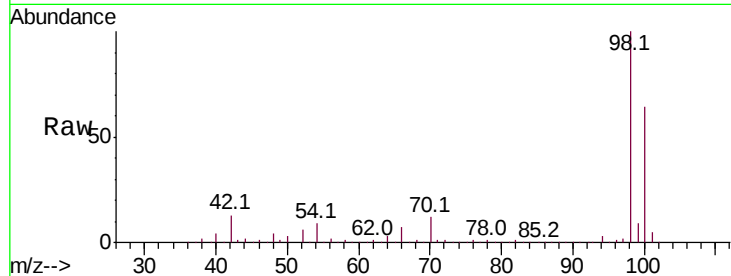
SS036MW004-190429

Tot Ion: 98 Resp: 391221

Ion Ratio Lower Upper

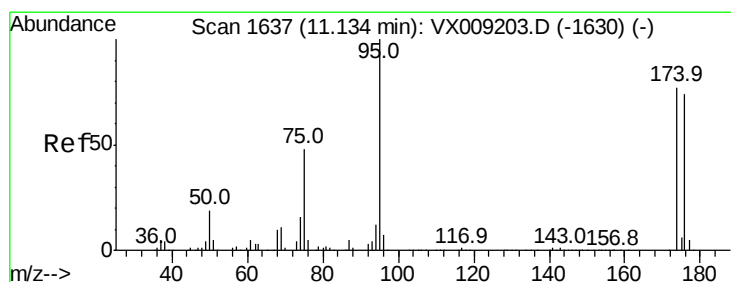
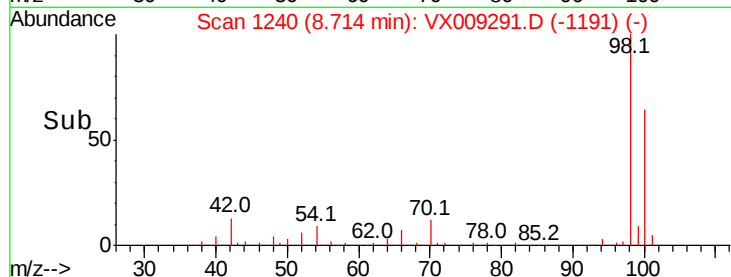
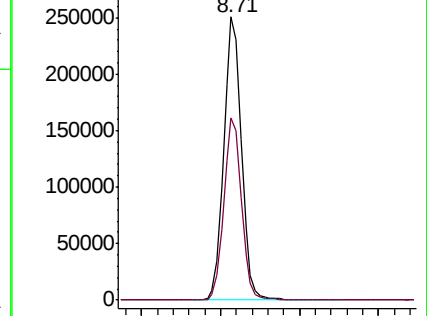
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#62

4-Bromofluorobenzene

Concen: 44.850 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009291.D

Acq: 02 May 2019 22:20

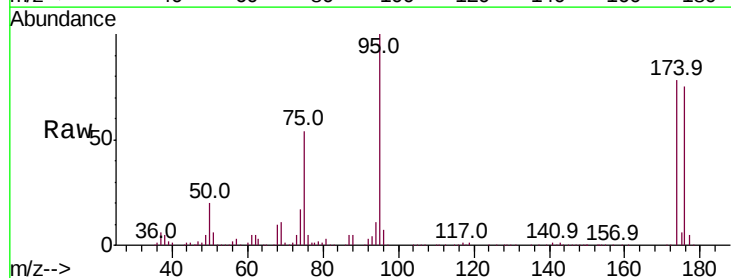
Tgt Ion: 95 Resp: 130418

Ion Ratio Lower Upper

95 100

174 81.2 0.0 161.6

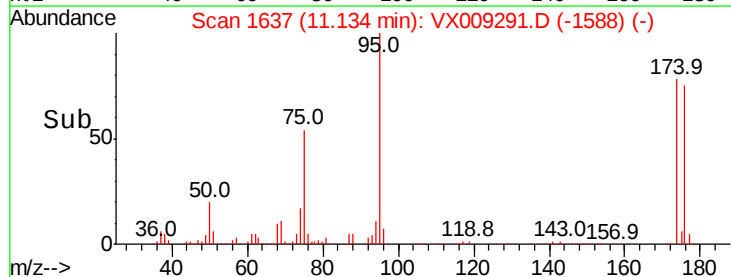
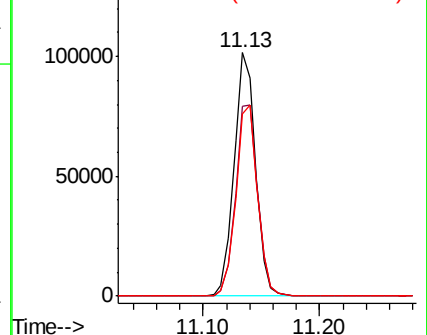
176 78.9 0.0 159.2

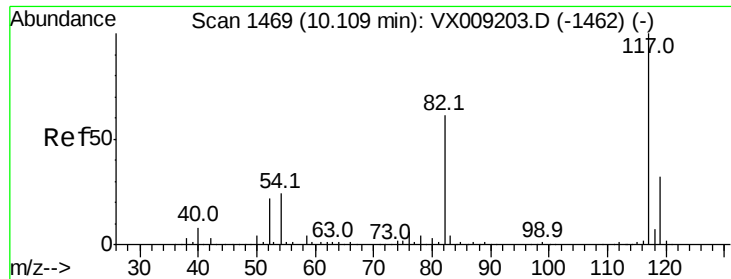


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

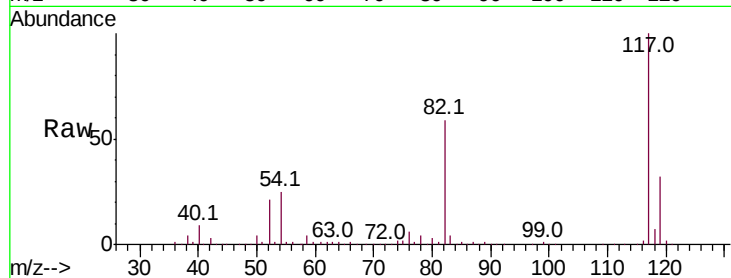




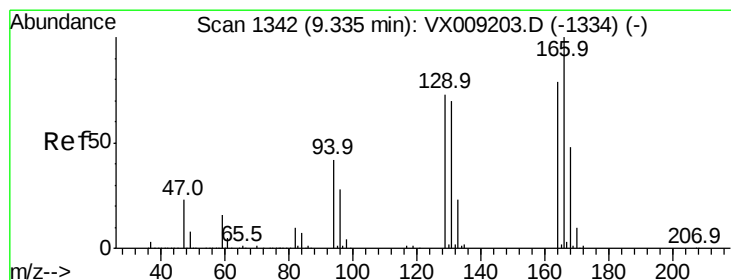
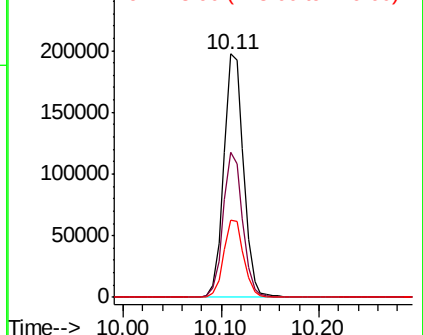
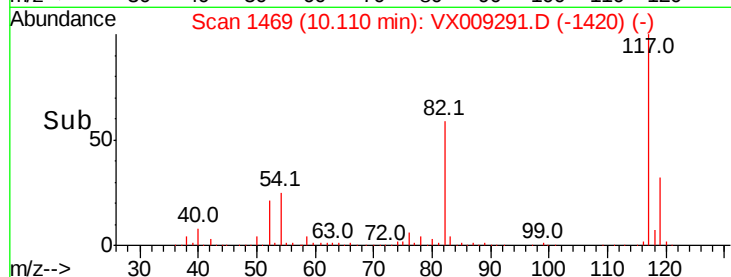
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009291.D
Acq: 02 May 2019 22:20

Instrument :
MSVOA_X
ClientSampleId :
SS036MW004-190429

Tot Ion:117 Resp: 276214
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 31.9 25.8 38.6

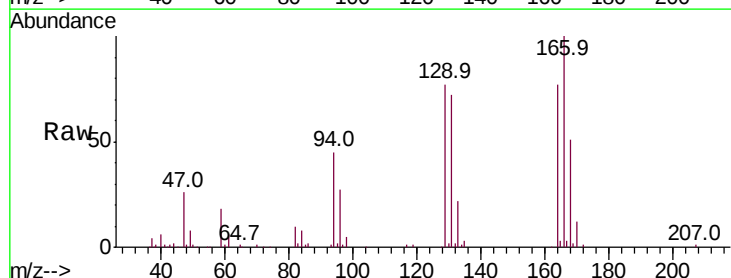


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

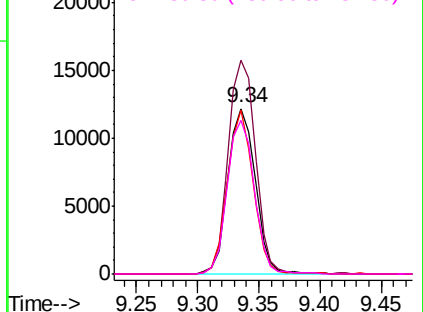
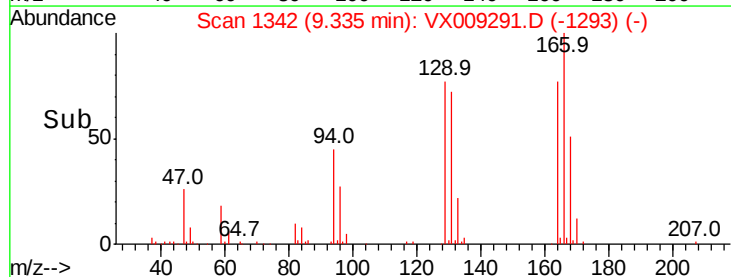


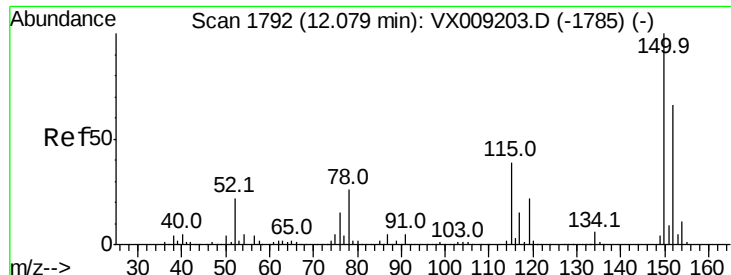
#64
Tetrachloroethene
Concen: 9.970 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009291.D
Acq: 02 May 2019 22:20

Tgt Ion:164 Resp: 18891
Ion Ratio Lower Upper
164 100
166 129.3 101.2 151.8
129 99.0 74.3 111.5
131 92.7 71.0 106.6



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

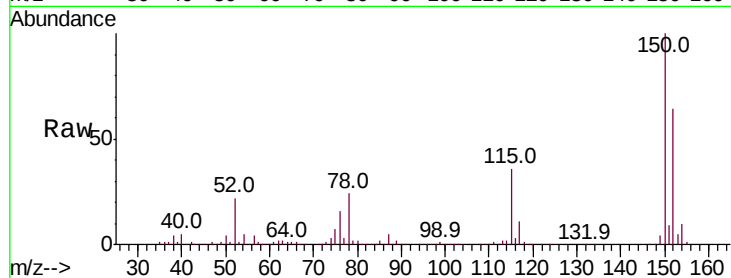




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009291.D
 Acq: 02 May 2019 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036MW004-190429

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.2	123.6
150	156.9	0.0	346.4



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

