

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010008.D
 Acq On : 01 Jun 2019 01:21
 Operator : JC/SP
 Sample : K3128-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0661DL

Quant Time: Jun 01 06:44:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

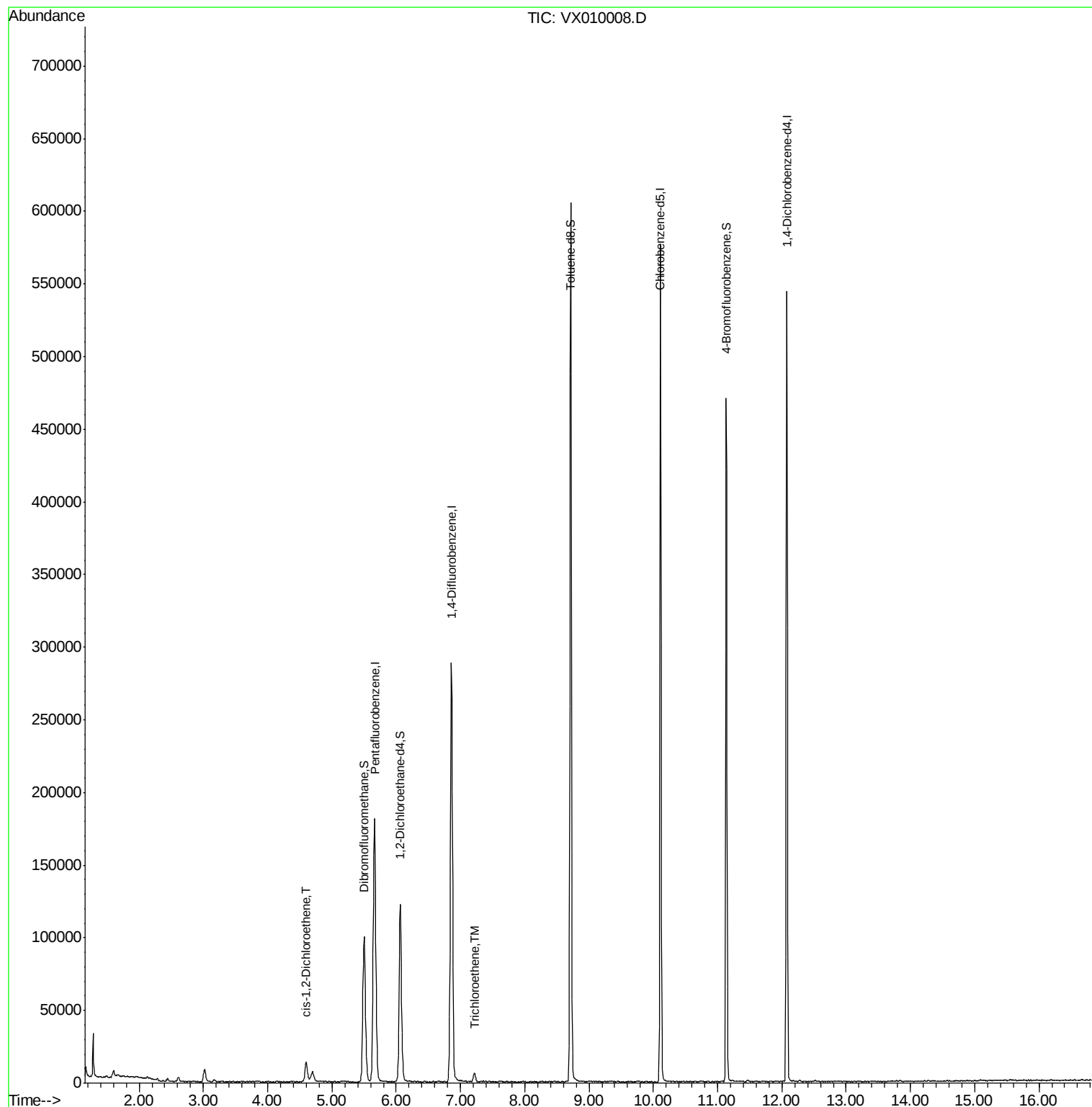
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116391	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	86717	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	355492	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	120046	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	7905	3.429	ug/l	92
44) Trichloroethene	7.21	130	2343	1.147	ug/l	81

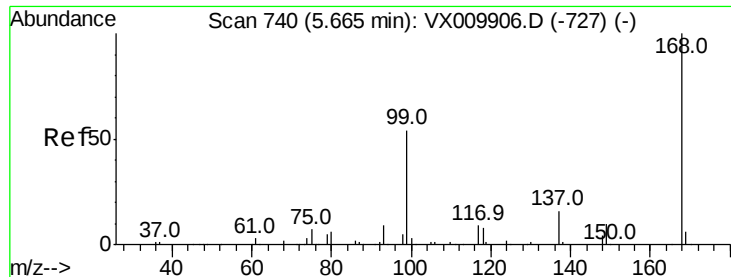
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

Instrument :

MSVOA_X

ClientSampleID :

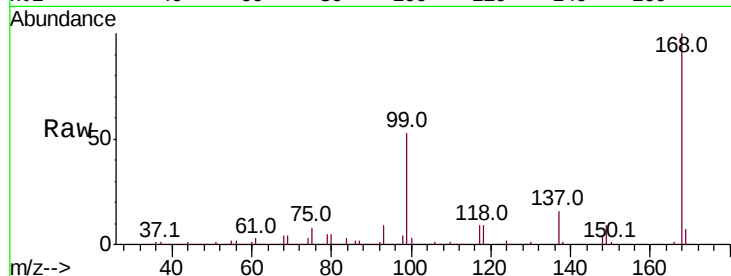
S32-0661DL

Tot Ion:168 Resp: 177236

Ion Ratio Lower Upper

168 100

99 53.3 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

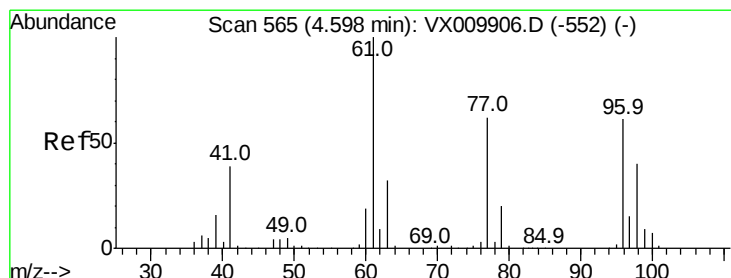
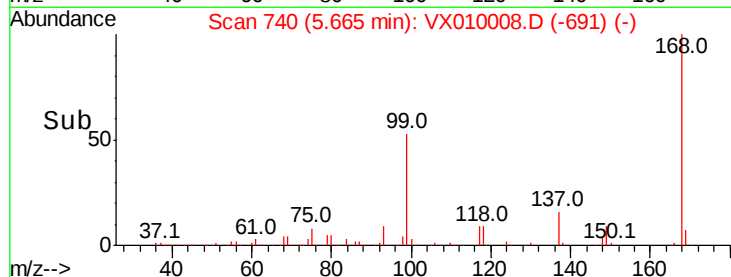
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.429 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

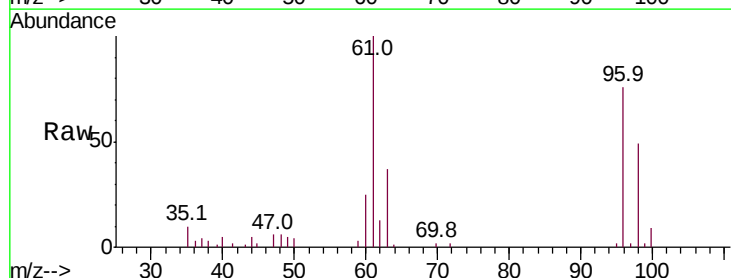
Tgt Ion: 96 Resp: 7905

Ion Ratio Lower Upper

96 100

61 155.2 0.0 334.0

98 71.0 0.0 131.6



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

5000

4000

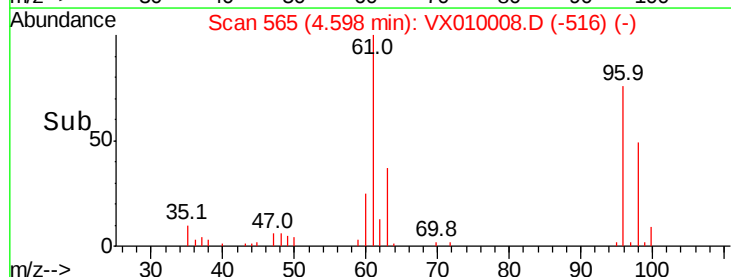
3000

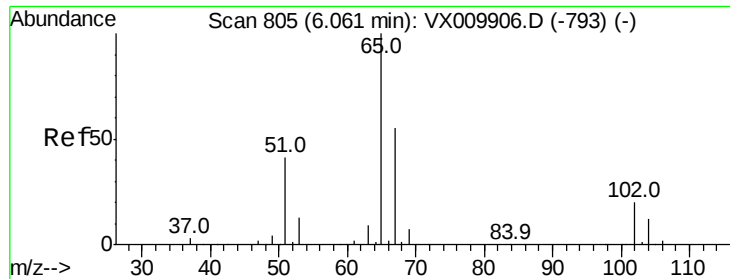
2000

1000

0

Time--> 4.50 4.60 4.70

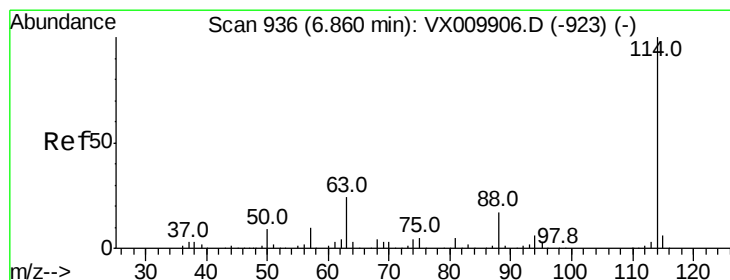
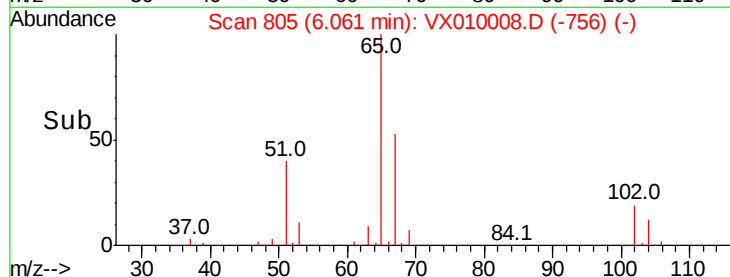
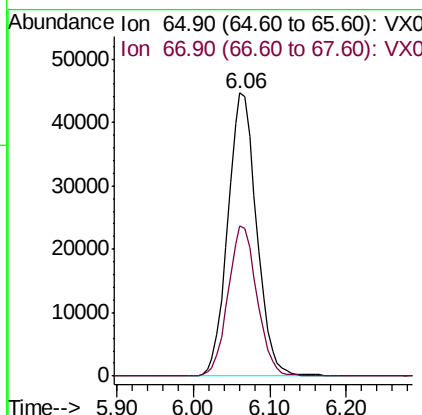
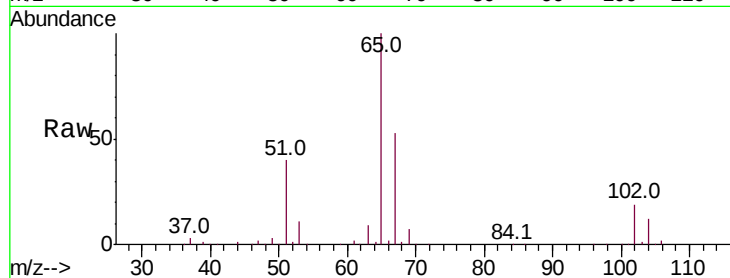




#33
 1,2-Dichloroethane-d4
 Concen: 46.489 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010008.D
 Acq: 01 Jun 2019 01:21

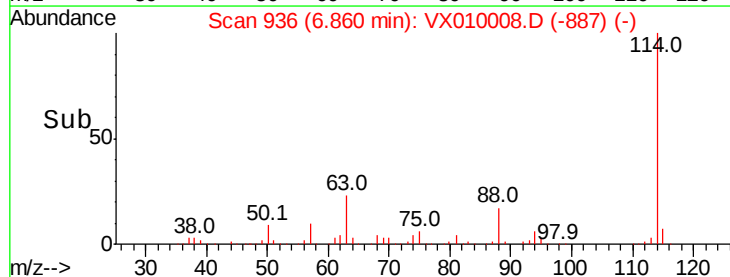
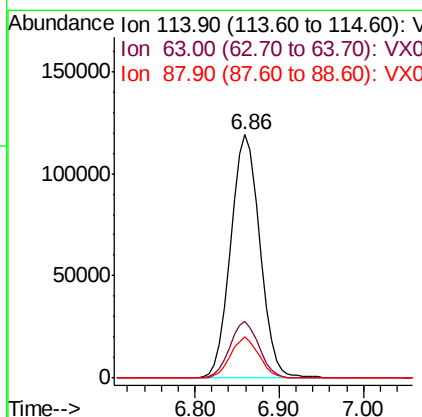
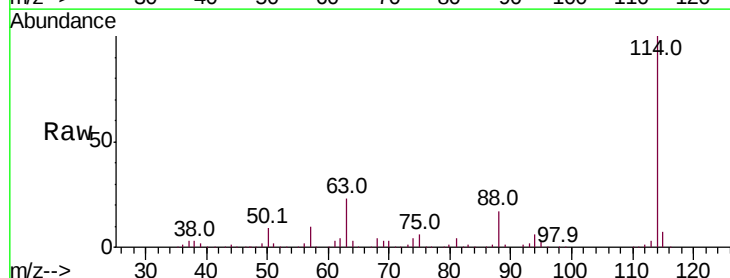
Instrument :
 MSVOA_X
 ClientSampleID :
 S32-0661DL

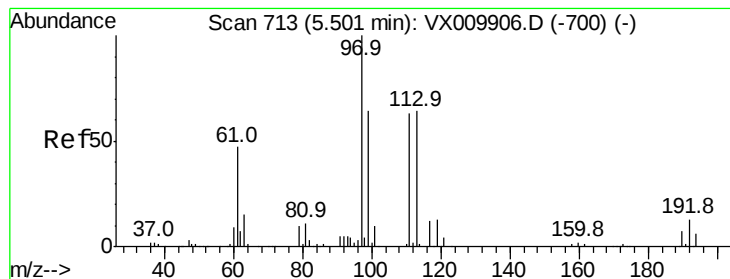
Tot Ion: 65 Resp: 116391
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010008.D
 Acq: 01 Jun 2019 01:21

Tgt Ion: 114 Resp: 279301
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.4
 88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.384 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

Instrument :

MSVOA_X

ClientSampled :

S32-0661DL

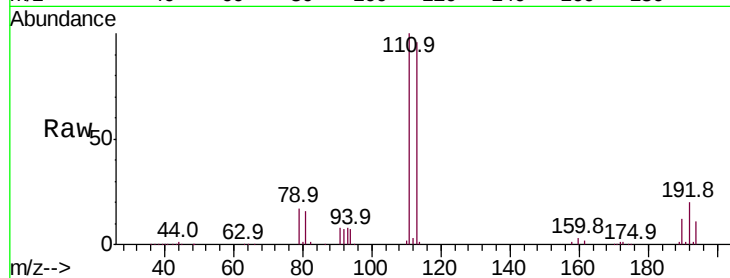
Tot Ion:113 Resp: 86717

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

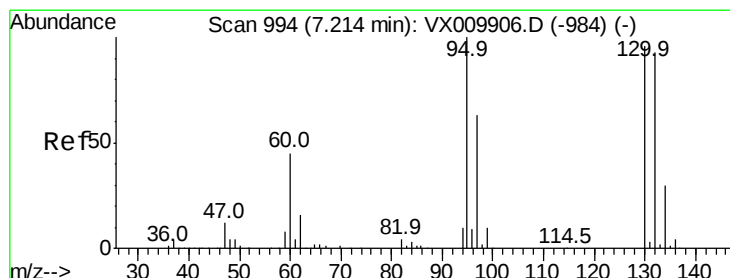
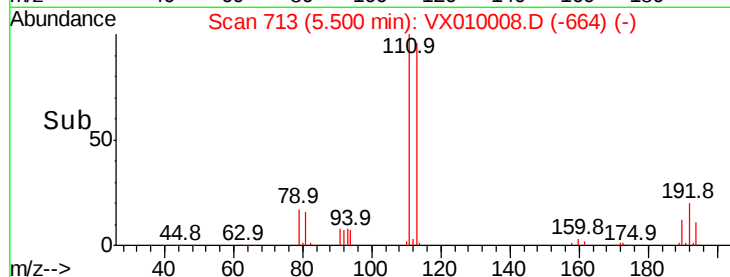
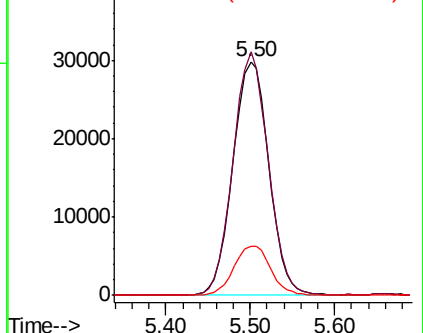
192 21.4 17.1 25.7



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: 1.147 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010008.D

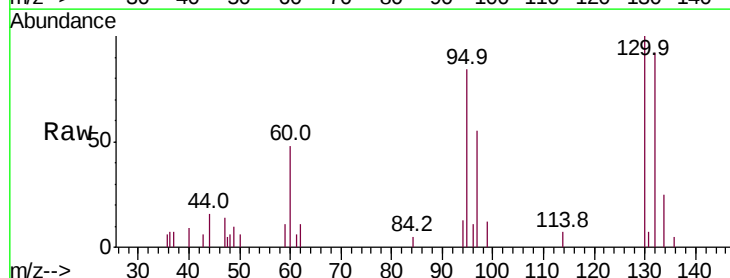
Acq: 01 Jun 2019 01:21

Tgt Ion:130 Resp: 2343

Ion Ratio Lower Upper

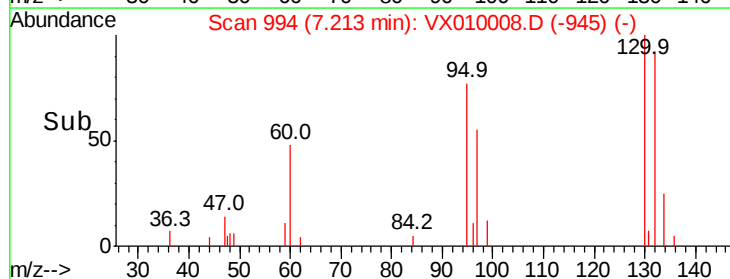
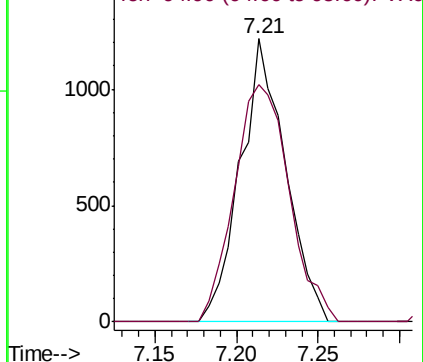
130 100

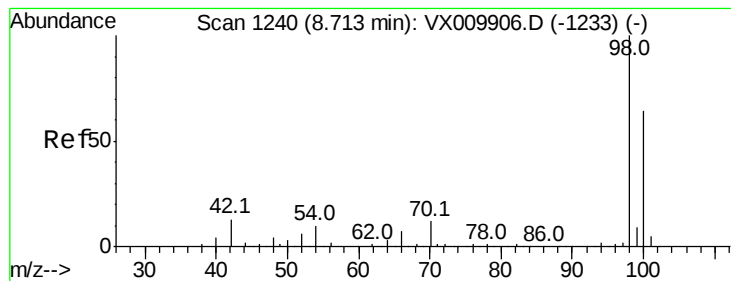
95 84.0 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.854 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

Instrument :

MSVOA_X

ClientSampled :

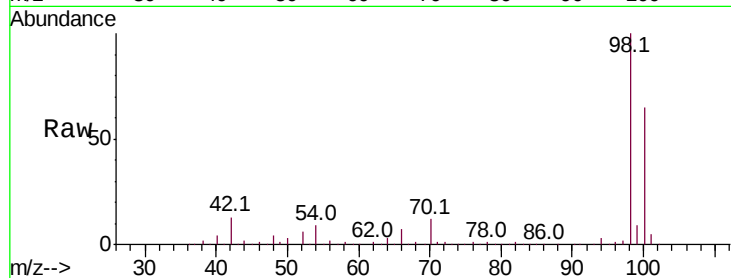
S32-0661DL

Tot Ion: 98 Resp: 355492

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

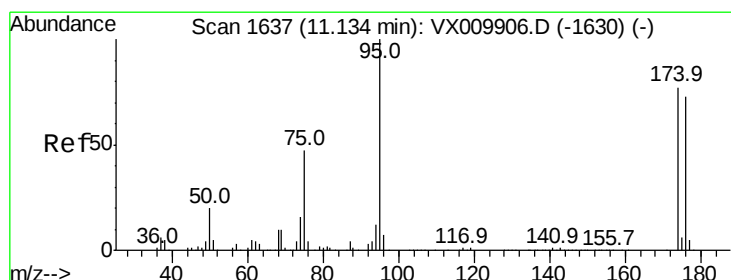
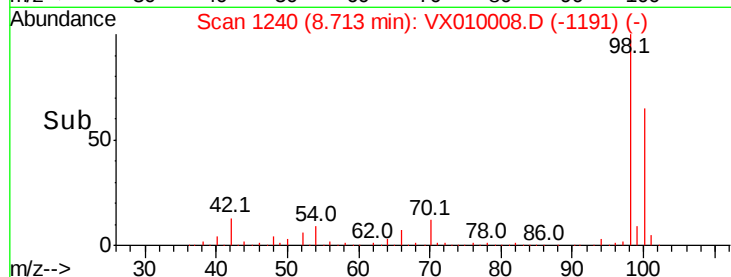
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.871 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

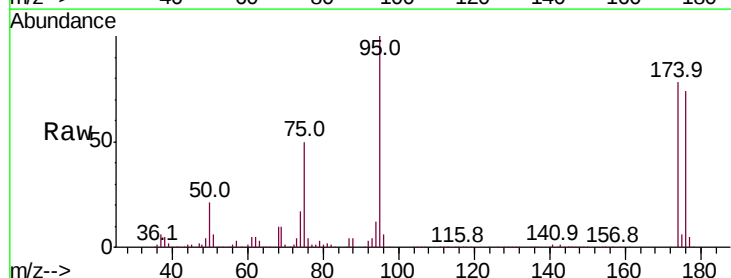
Tgt Ion: 95 Resp: 120046

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.4

176 80.5 0.0 154.6



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

120000

100000

80000

60000

40000

20000

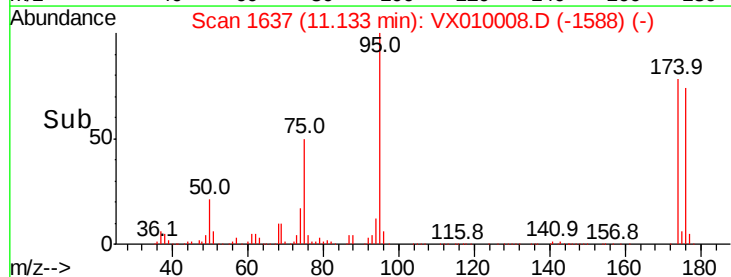
0

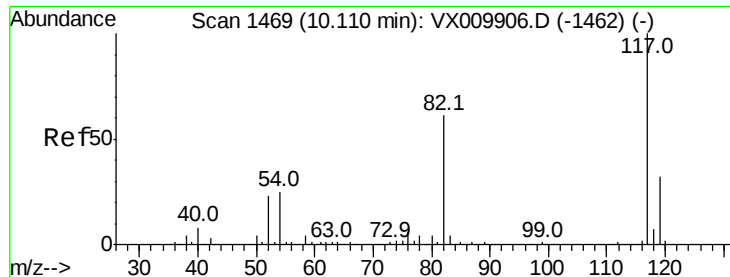
11.10

11.13

11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

Instrument :

MSVOA_X

ClientSampleID :

S32-0661DL

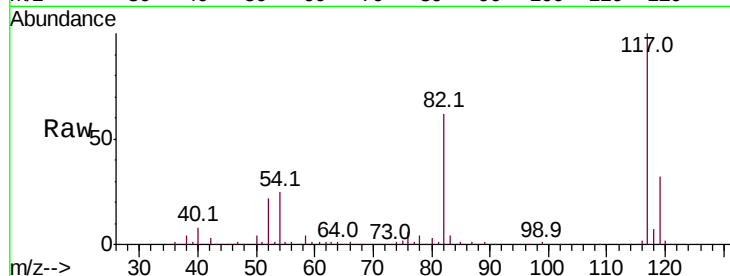
Tot Ion:117 Resp: 252221

Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

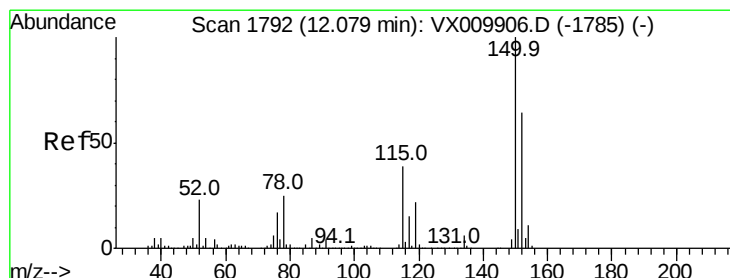
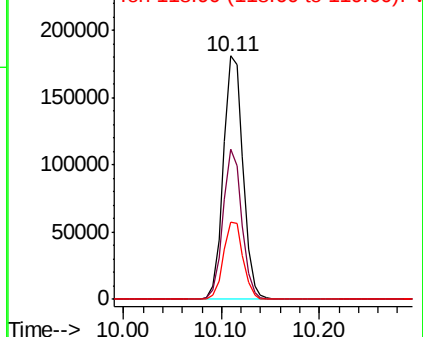
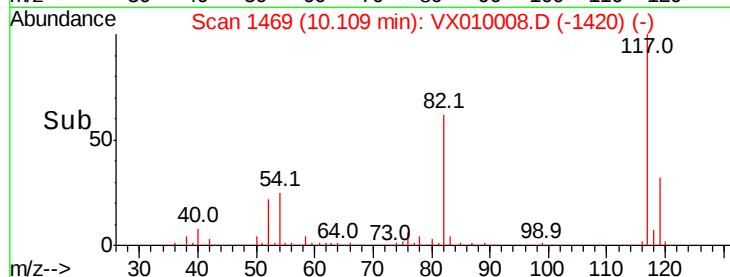
119 31.6 25.2 37.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010008.D

Acq: 01 Jun 2019 01:21

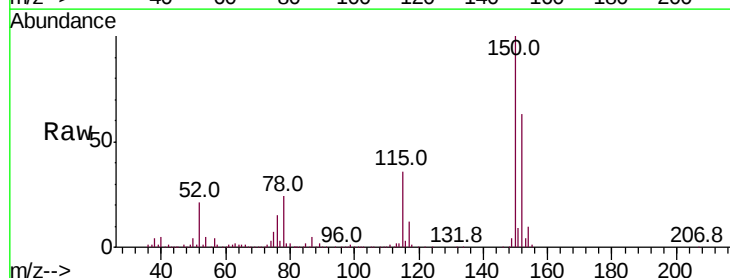
Tgt Ion:152 Resp: 111544

Ion Ratio Lower Upper

152 100

115 57.7 41.4 124.2

150 158.0 0.0 345.2



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

