

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009500.D
 Acq On : 10 May 2019 22:47
 Operator : JC/SP
 Sample : K2781-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-2

Quant Time: May 11 04:14:53 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

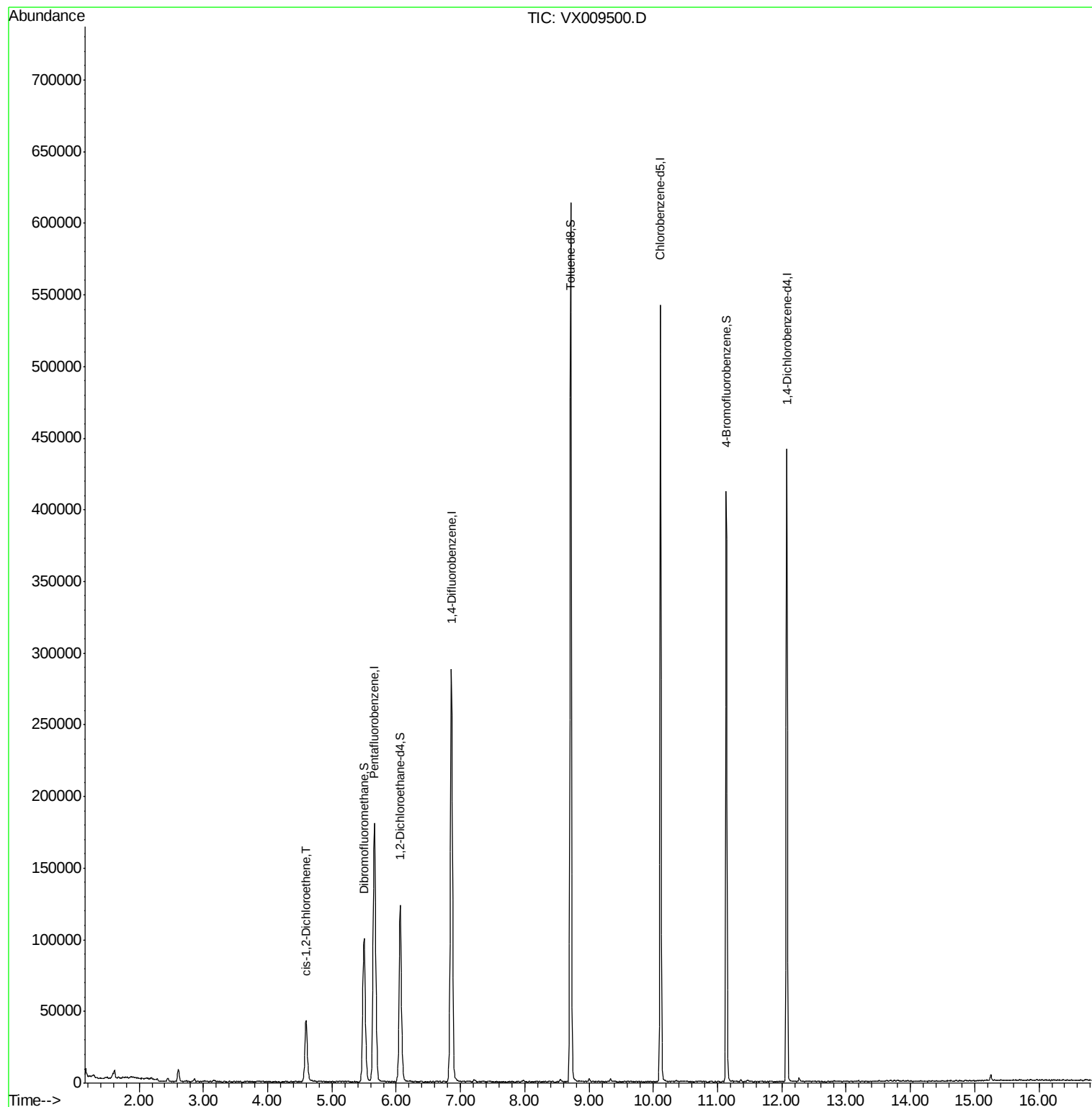
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115469	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	5.50	113	86382	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	349304	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.13	95	107935	41.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.88%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	26531	12.268	ug/l	Qvalue 90

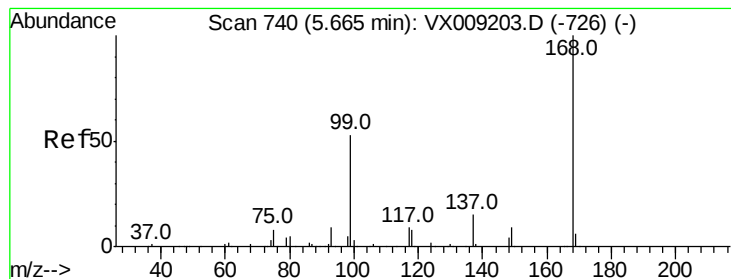
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009500.D

Acq: 10 May 2019 22:47

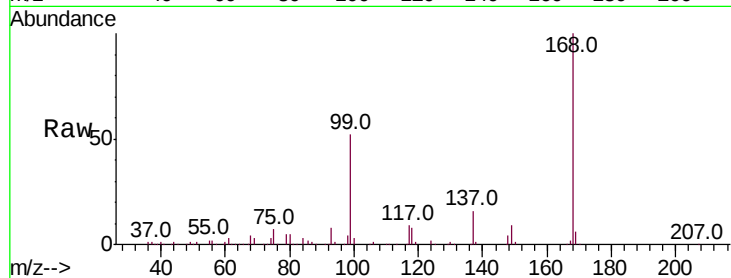
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-2

Tot Ion:168 Resp: 178060

Ion Ratio Lower Upper

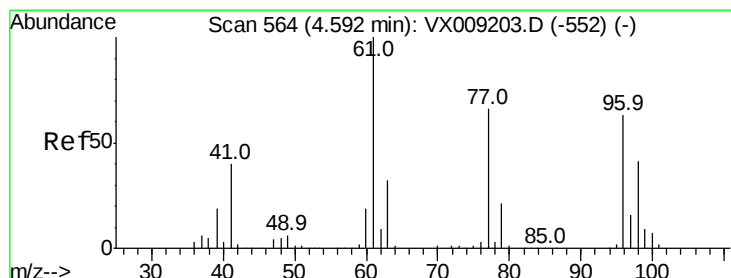
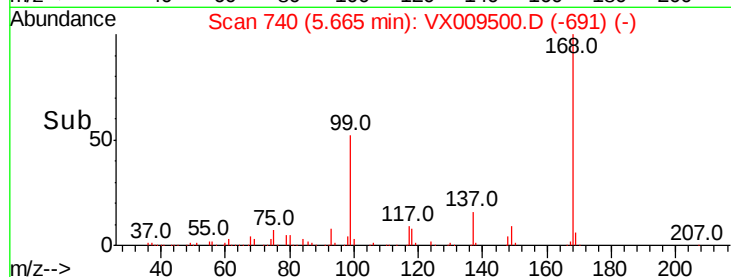
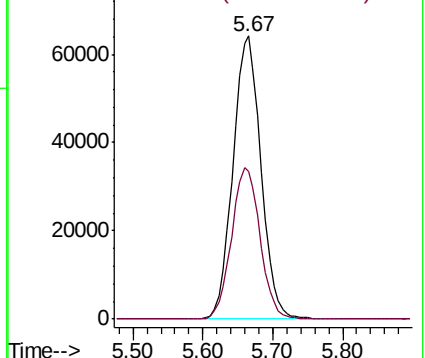
168 100

99 52.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 12.268 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009500.D

Acq: 10 May 2019 22:47

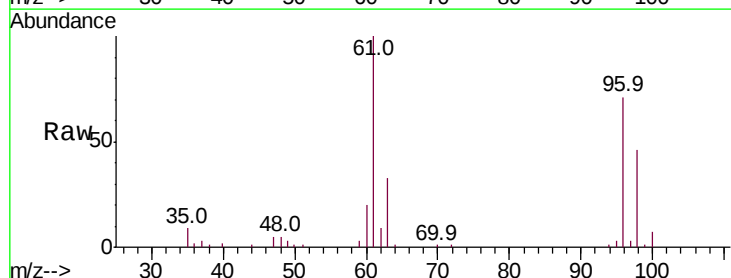
Tgt Ion: 96 Resp: 26531

Ion Ratio Lower Upper

96 100

61 142.8 0.0 324.0

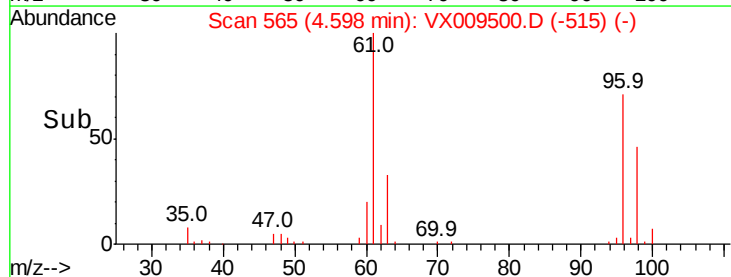
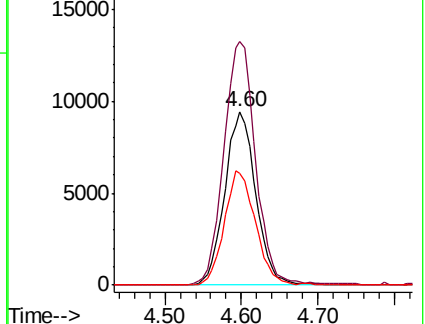
98 65.3 0.0 130.4

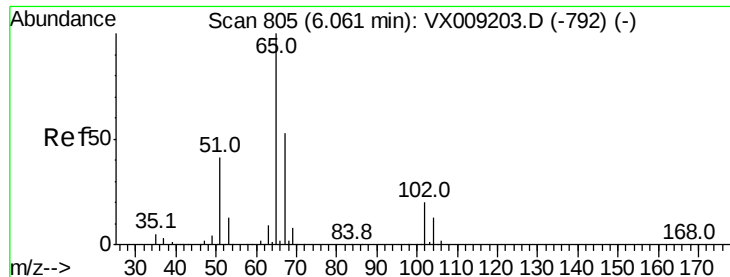


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.504 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009500.D

Acq: 10 May 2019 22:47

Instrument :

MSVOA_X

ClientSampleId :

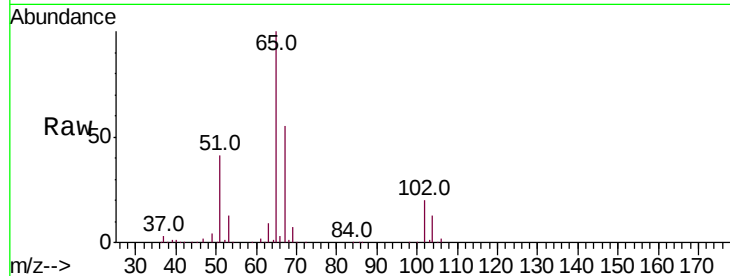
OUTFALL001-WK-2

Tot Ion: 65 Resp: 115469

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

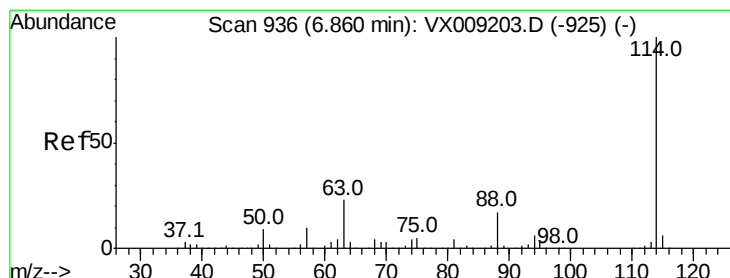
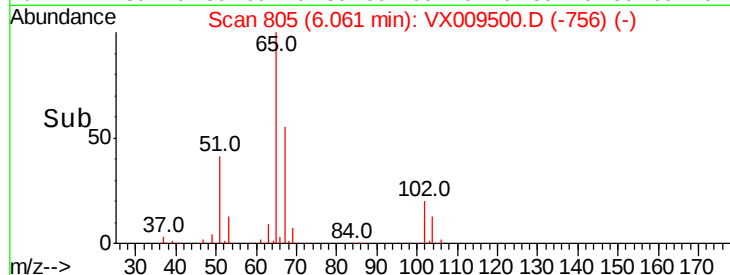
30000

20000

10000

0

Time--> 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: VX009500.D

Acq: 10 May 2019 22:47

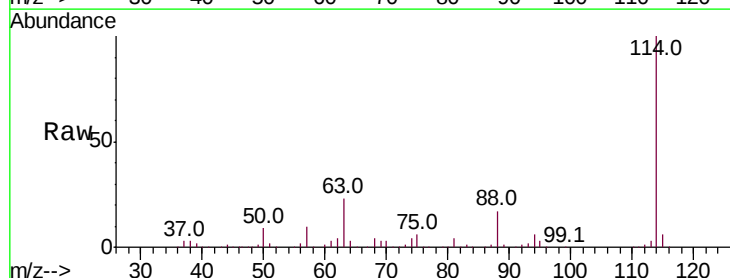
Tgt Ion:114 Resp: 282427

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.7 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

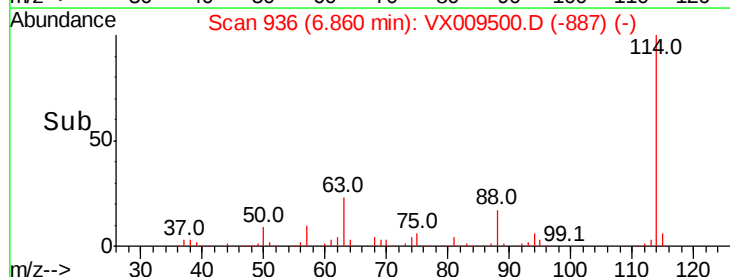
150000

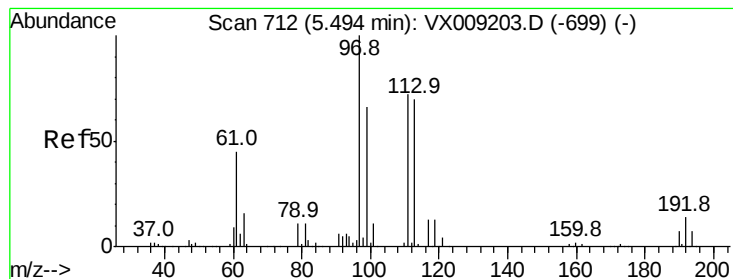
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.654 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009500.D

Acq: 10 May 2019 22:47

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-WK-2

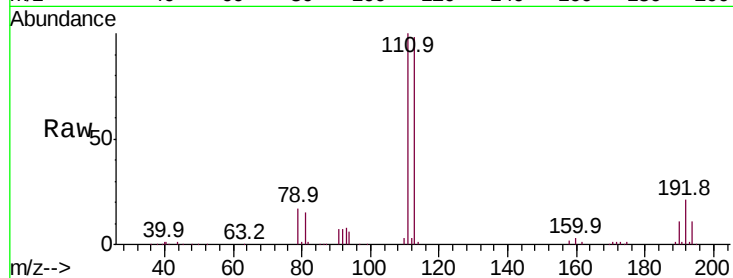
Tot Ion:113 Resp: 86382

Ion Ratio Lower Upper

113 100

111 101.3 82.8 124.2

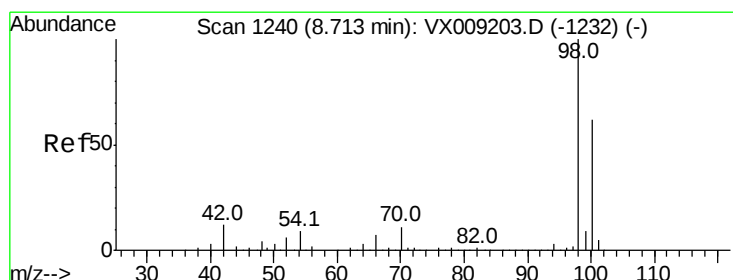
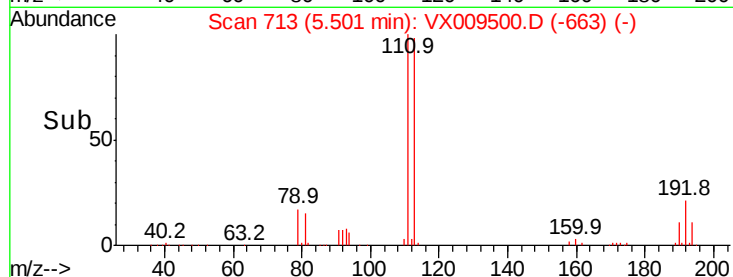
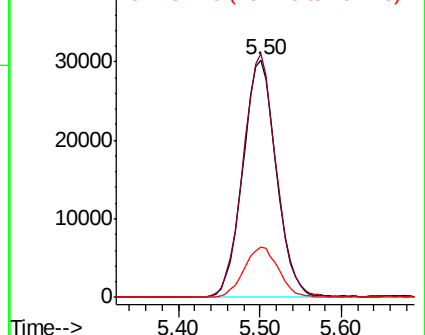
192 21.7 17.0 25.6



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



#50

Toluene-d8

Concen: 48.731 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009500.D

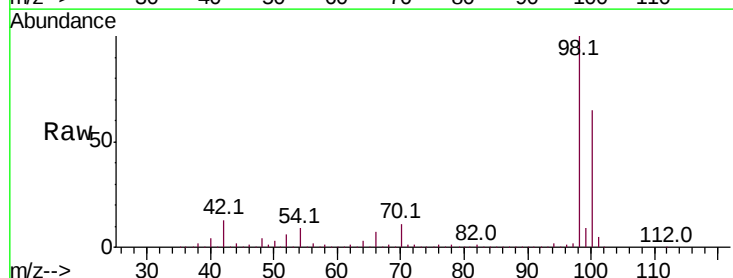
Acq: 10 May 2019 22:47

Tgt Ion: 98 Resp: 349304

Ion Ratio Lower Upper

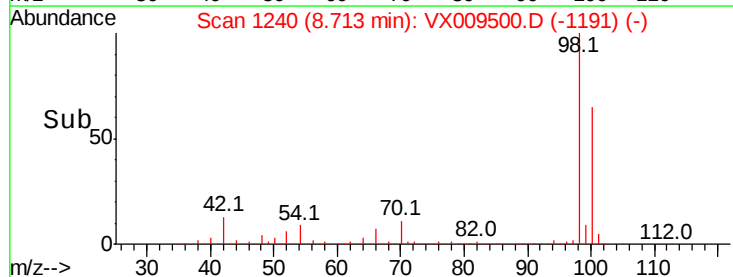
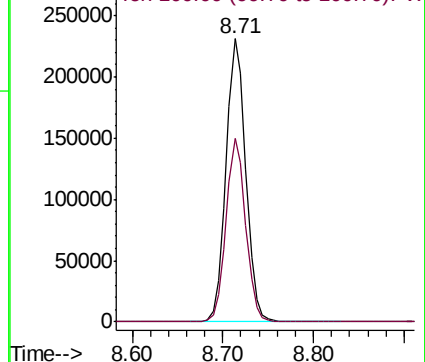
98 100

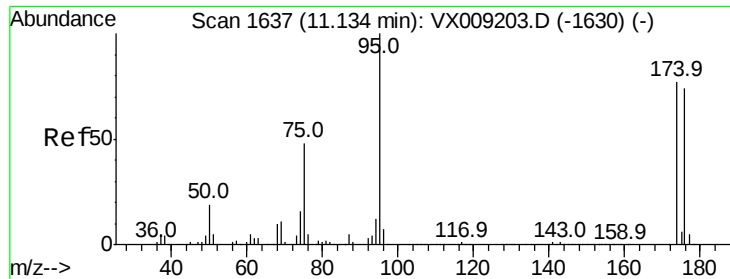
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

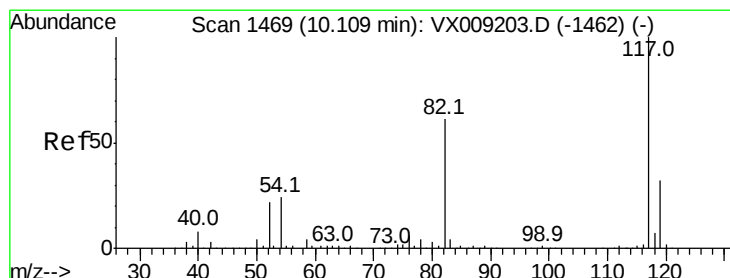
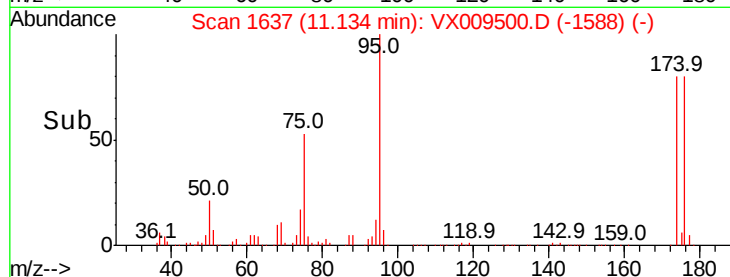
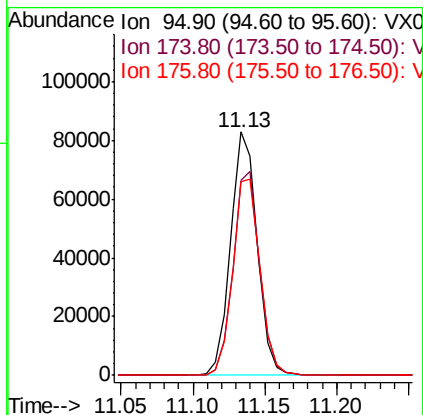
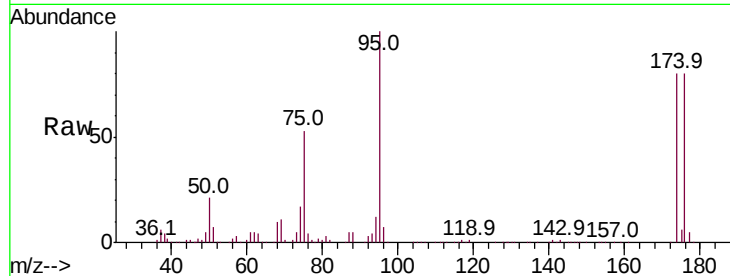




#62
4-Bromofluorobenzene
Concen: 41.441 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009500.D
Acq: 10 May 2019 22:47

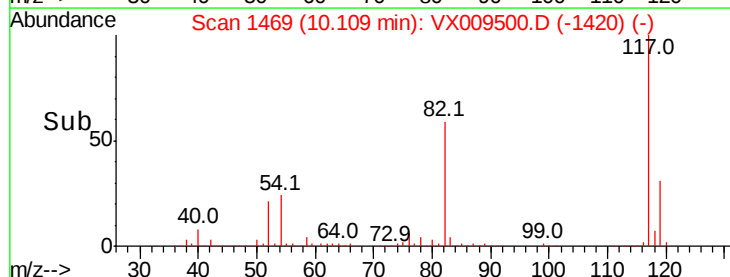
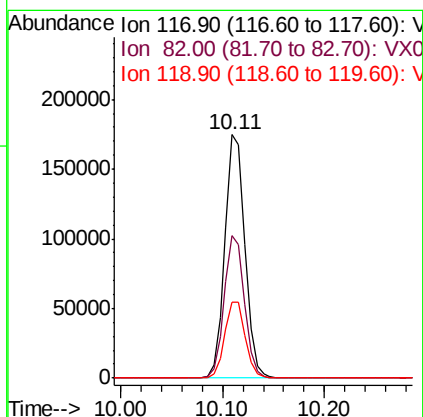
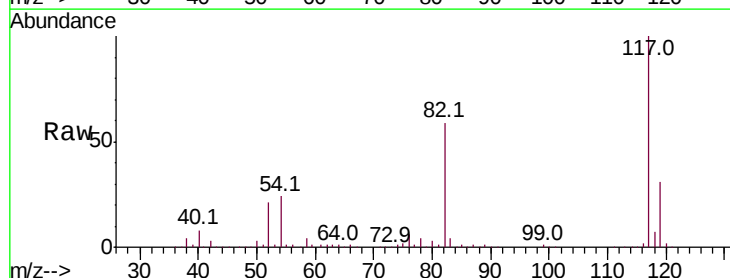
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-2

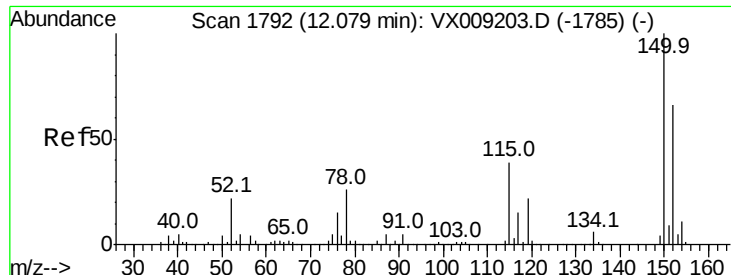
Tot Ion: 95 Resp: 107935
Ion Ratio Lower Upper
95 100
174 83.3 0.0 161.6
176 81.9 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009500.D
Acq: 10 May 2019 22:47

Tgt Ion: 117 Resp: 238807
Ion Ratio Lower Upper
117 100
82 58.7 48.8 73.2
119 31.4 25.8 38.6

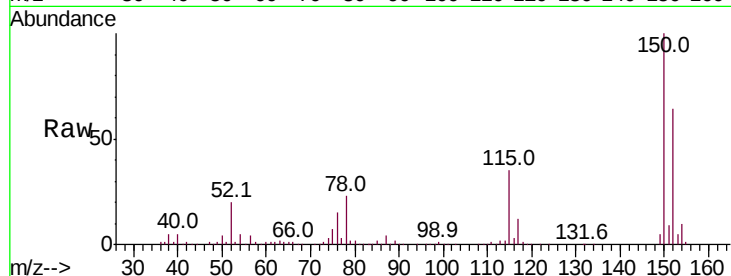




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009500.D
 Acq: 10 May 2019 22:47

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.2	123.6
150	156.4	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

