

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002353.D
 Acq On : 06 Jun 2018 15:29
 Operator : JC/MD
 Sample : J3311-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

Quant Time: Jun 07 04:23:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

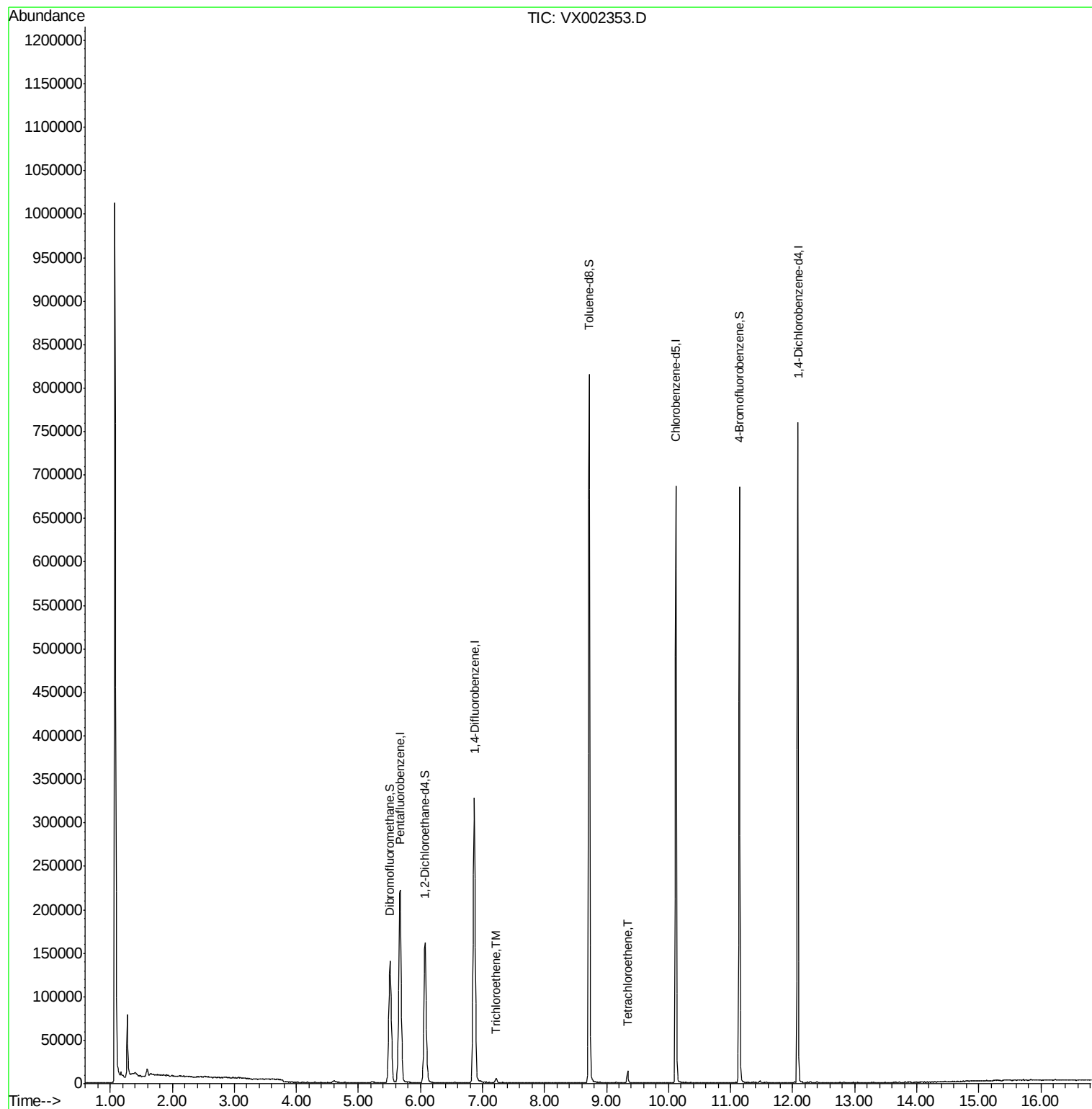
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	155045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155530	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	5.51	113	112741	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
50) Toluene-d8	8.72	98	456514	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.14	95	154498	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
Target Compounds						
44) Trichloroethene	7.22	130	1553	0.55	ug/l	88
64) Tetrachloroethene	9.34	164	2844	0.95	ug/l #	76

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002353.D

Acq: 06 Jun 2018 15:29

Instrument :

MSVOA_X

ClientSampleId :

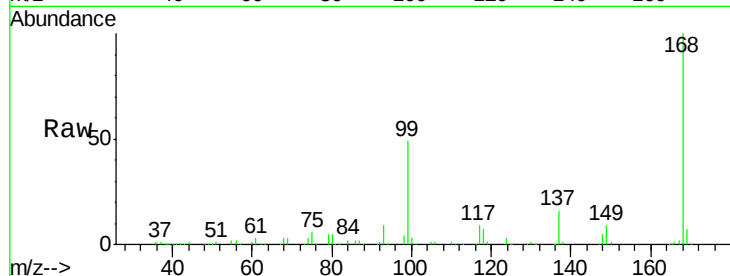
MW-19

Tot Ion:168 Resp: 217592

Ion Ratio Lower Upper

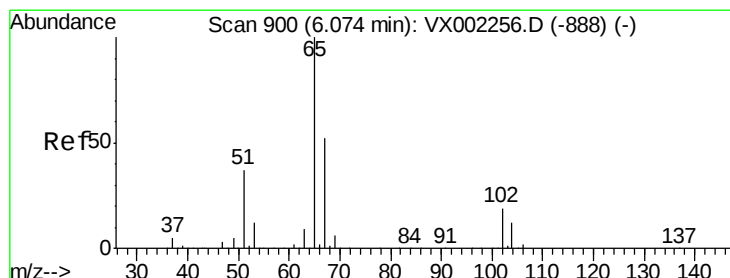
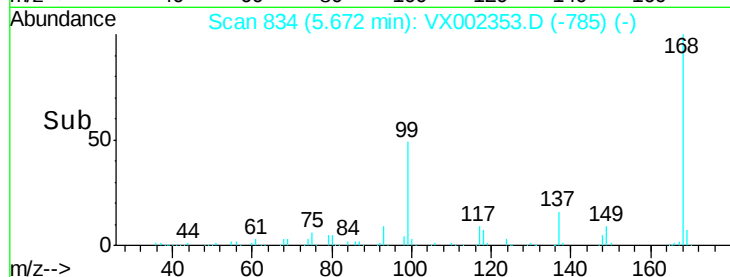
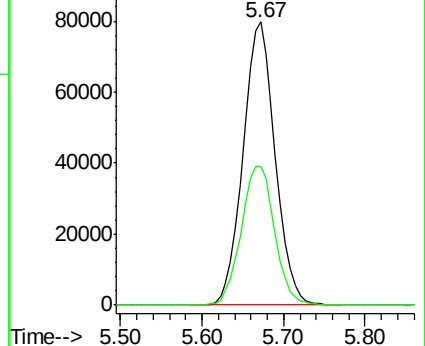
168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002353.D

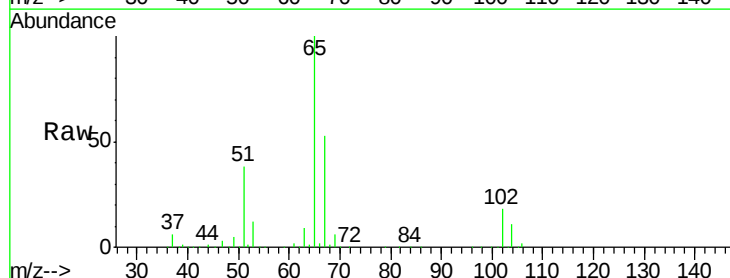
Acq: 06 Jun 2018 15:29

Tgt Ion: 65 Resp: 155530

Ion Ratio Lower Upper

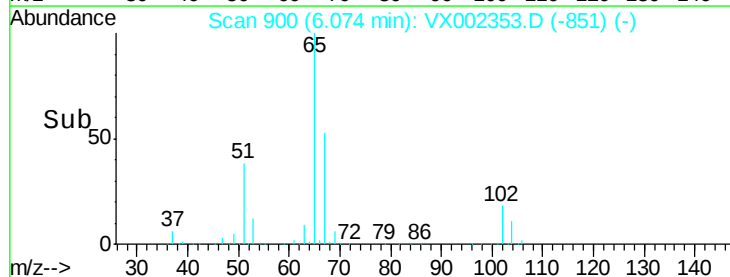
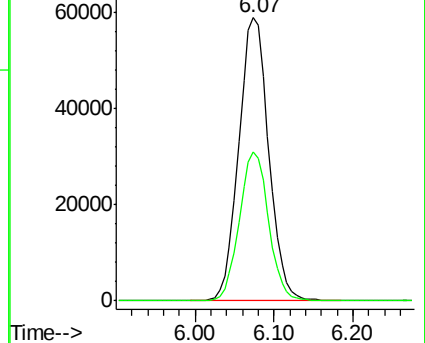
65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002353.D

Acq: 06 Jun 2018 15:29

Instrument :

MSVOA_X

ClientSampleId :

MW-19

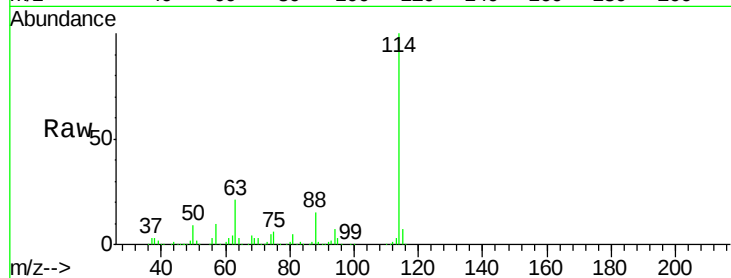
Tot Ion:114 Resp: 318450

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

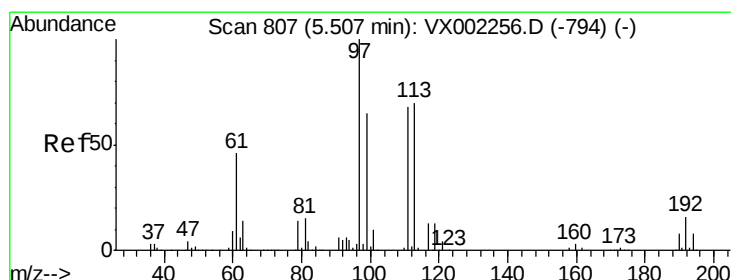
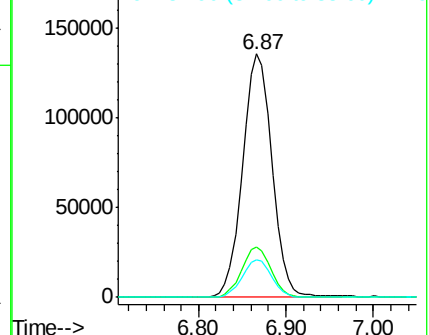
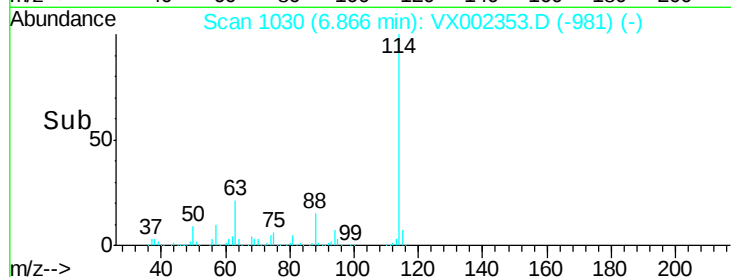
88 15.3 0.0 30.0



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



#35

Dibromofluoromethane

Concen: 45.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002353.D

Acq: 06 Jun 2018 15:29

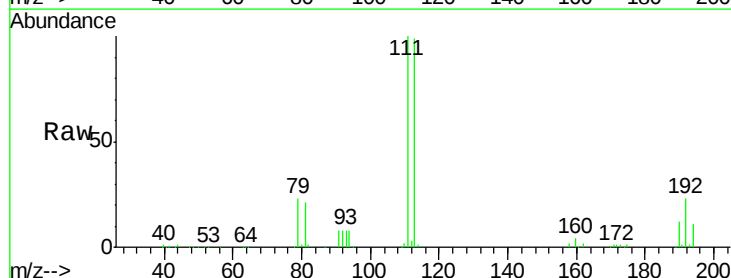
Tgt Ion:113 Resp: 112741

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

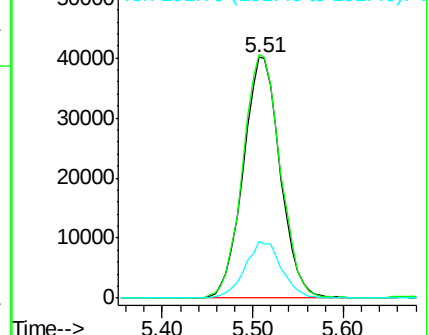
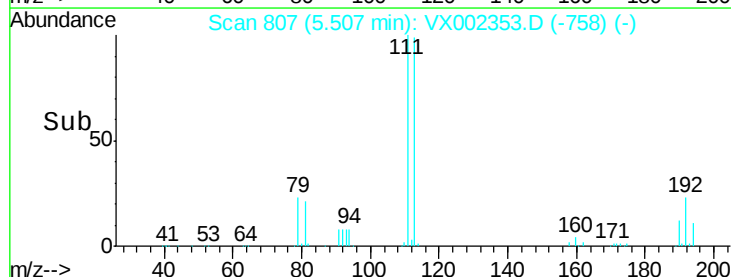
192 23.2 19.1 28.7

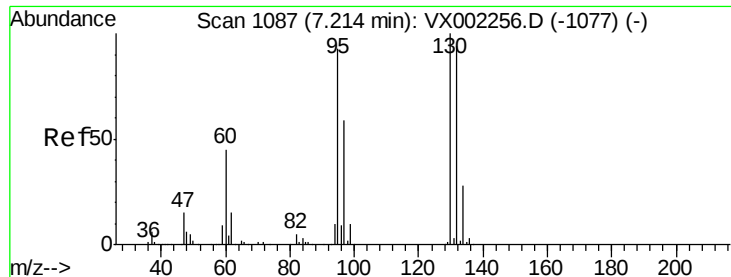


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.55 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002353.D

Acq: 06 Jun 2018 15:29

Instrument :

MSVOA_X

ClientSampleId :

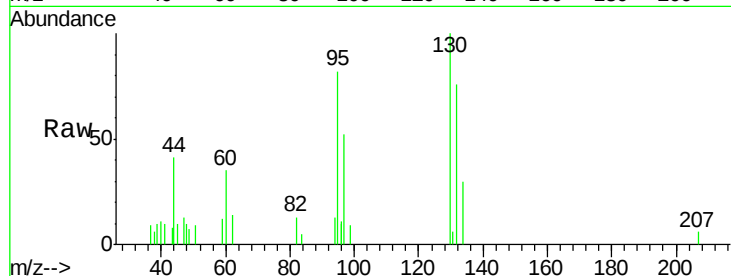
MW-19

Tot Ion:130 Resp: 1553

Ion Ratio Lower Upper

130 100

95 81.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

1000

800

600

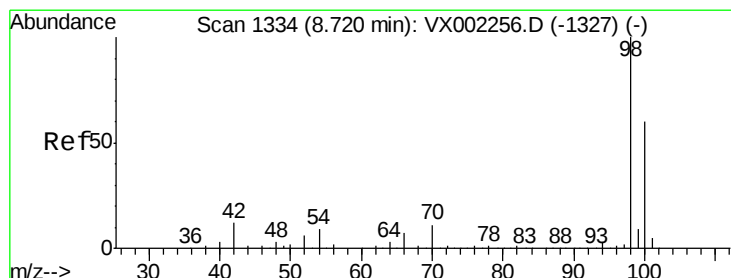
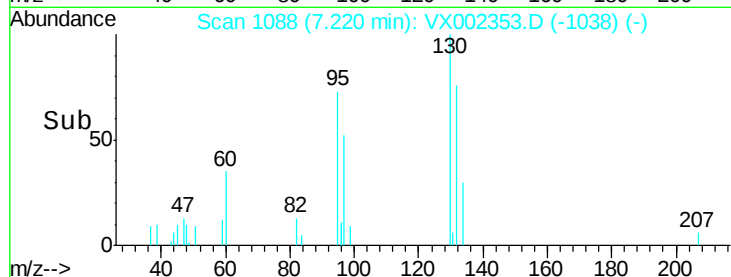
400

200

0

7.15 7.20 7.25

Time-->



#50

Toluene-d8

Concen: 47.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002353.D

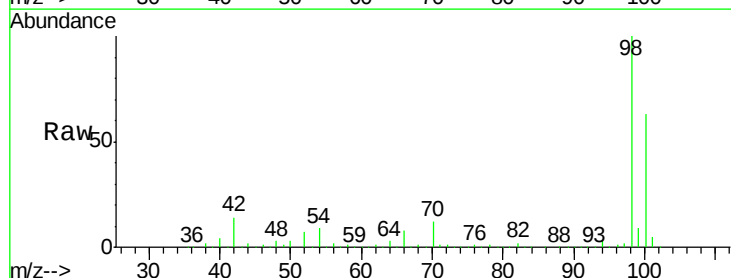
Acq: 06 Jun 2018 15:29

Tgt Ion: 98 Resp: 456514

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

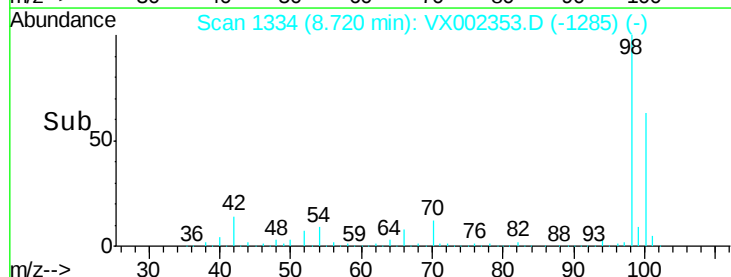
200000

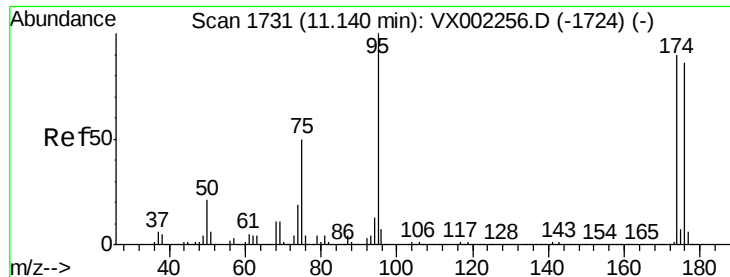
100000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 41.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002353.D

Acq: 06 Jun 2018 15:29

Instrument :

MSVOA_X

ClientSampleId :

MW-19

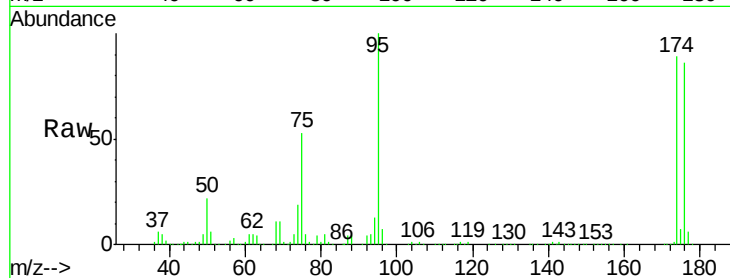
Tot Ion: 95 Resp: 154498

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.4

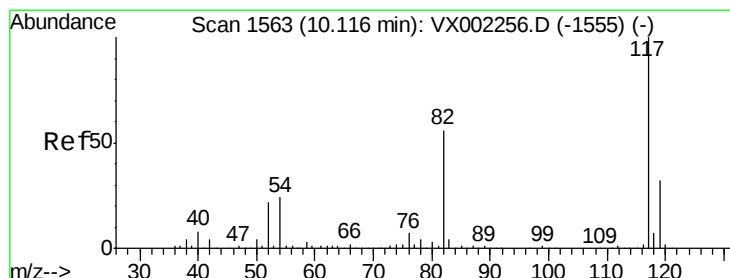
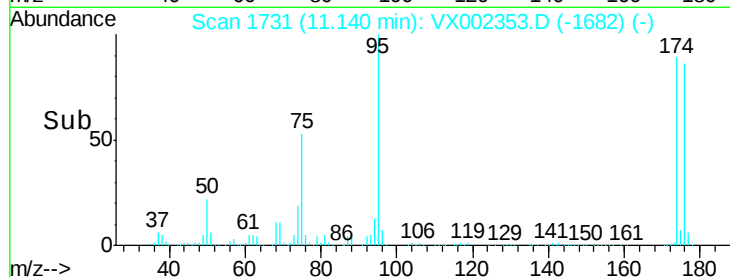
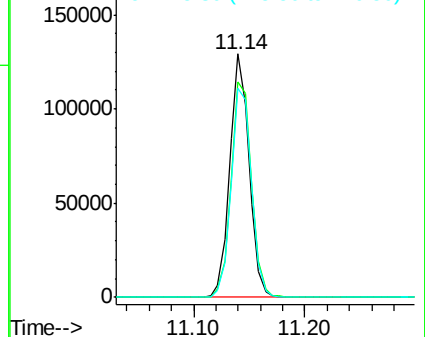
176 90.2 0.0 181.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002353.D

Acq: 06 Jun 2018 15:29

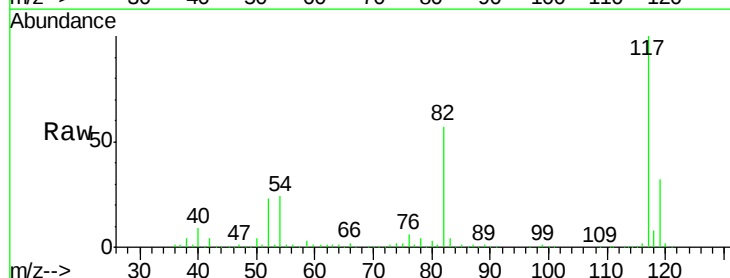
Tgt Ion: 117 Resp: 289018

Ion Ratio Lower Upper

117 100

82 56.9 45.0 67.4

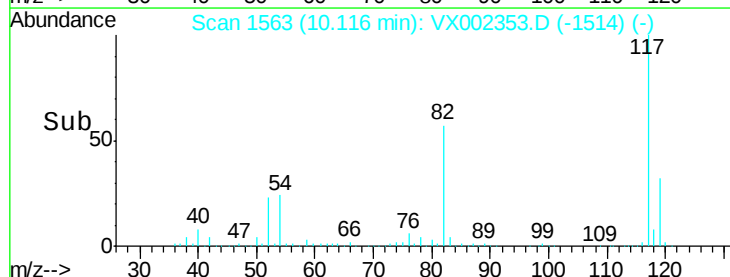
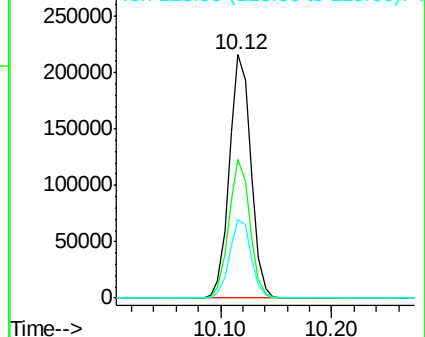
119 32.2 25.8 38.6

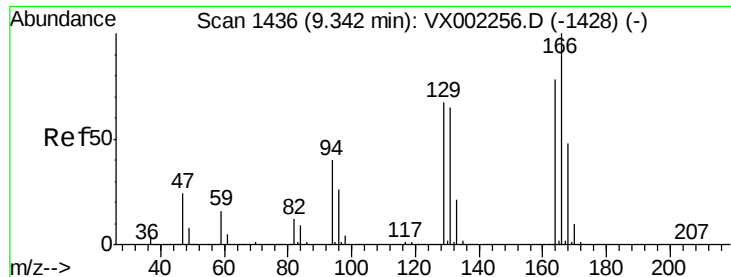


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

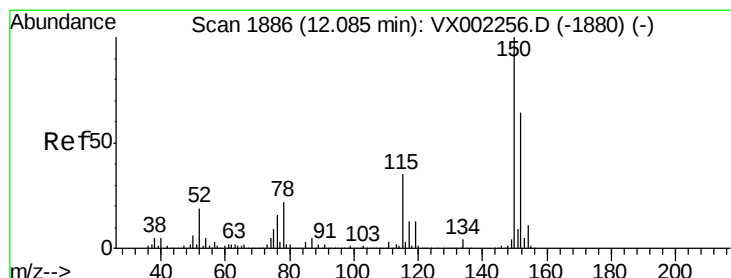
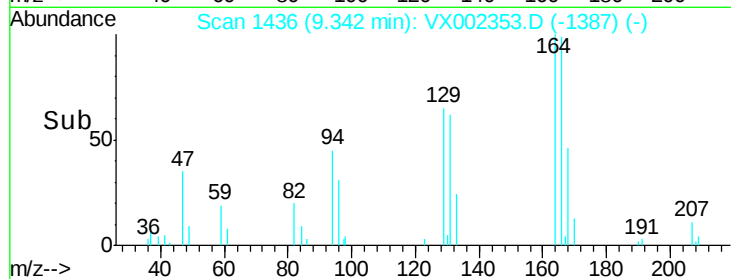
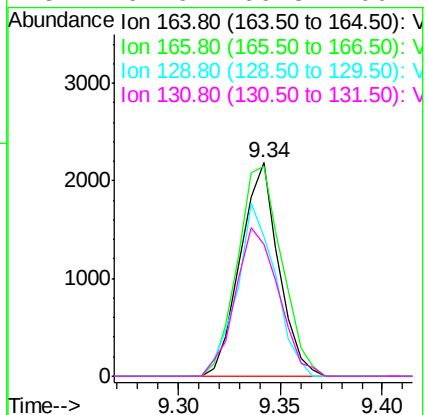
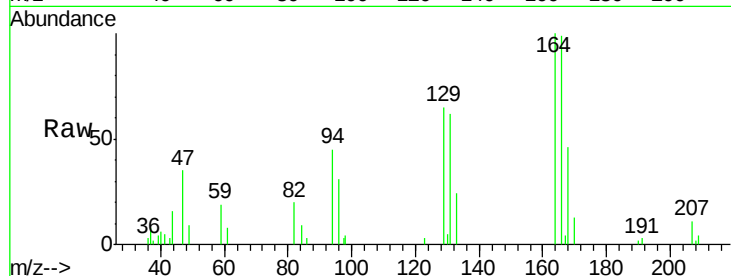




#64
Tetrachloroethene
Concen: 0.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Instrument :
MSVOA_X
ClientSampleId :
MW-19

Tot Ion	Ratio	Lower	Upper
164	100		
166	98.6	102.9	154.3#
129	65.4	68.6	102.8#
131	61.6	66.8	100.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002353.D
Acq: 06 Jun 2018 15:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	157.0	0.0	347.2

