

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003016.D
 Acq On : 29 Jun 2018 06:15
 Operator : JC/MD
 Sample : J3720-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 29 10:19:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

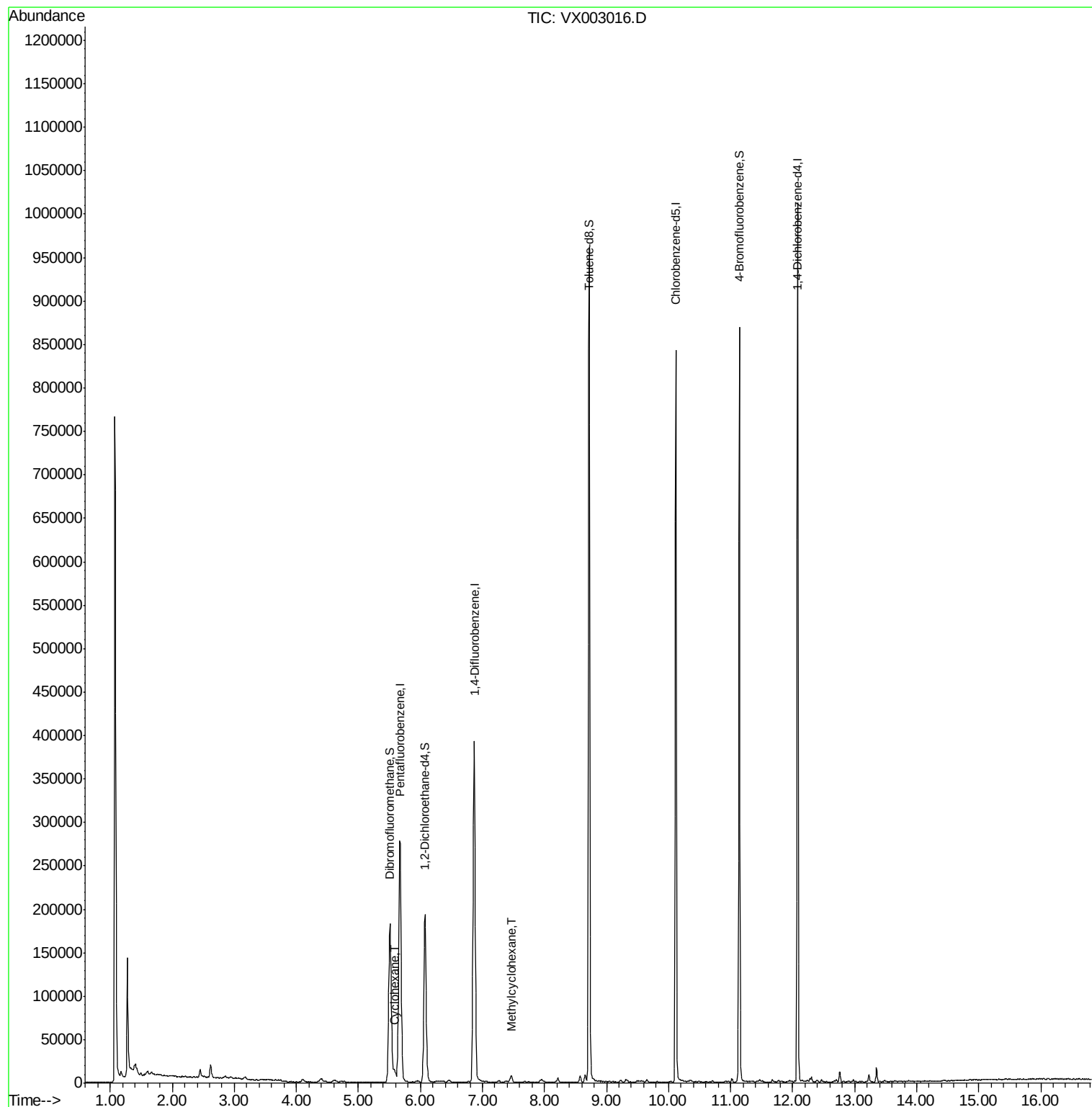
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	392870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187035	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	5.51	113	151237	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.72	98	557038	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.14	95	199288	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
31) Cyclohexane	5.57	56	8140	1.68	ug/l	94
39) Methylcyclohexane	7.46	83	2788	0.56	ug/l	93

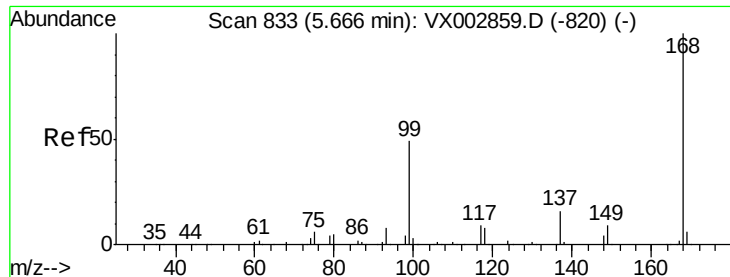
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003016.D

Acq: 29 Jun 2018 06:15

Instrument :

MSVOA_X

ClientSampled :

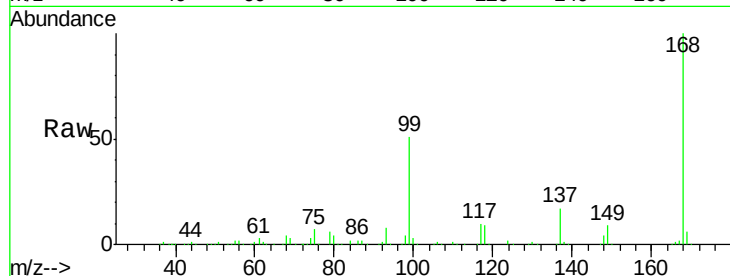
MW-3

Tot Ion:168 Resp: 279448

Ion Ratio Lower Upper

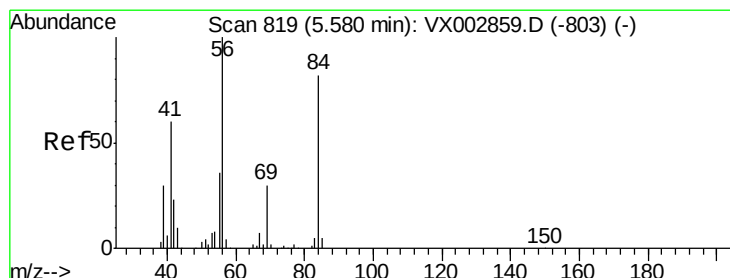
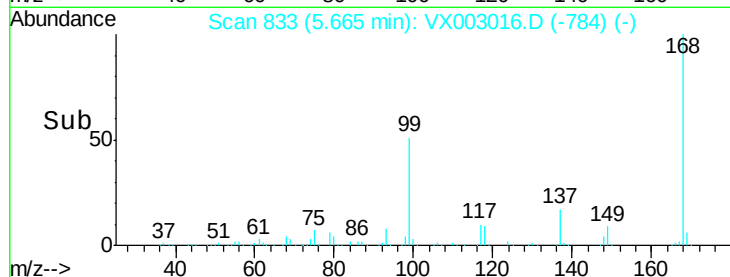
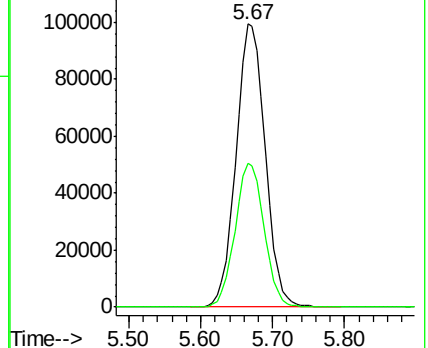
168 100

99 50.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 1.68 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003016.D

Acq: 29 Jun 2018 06:15

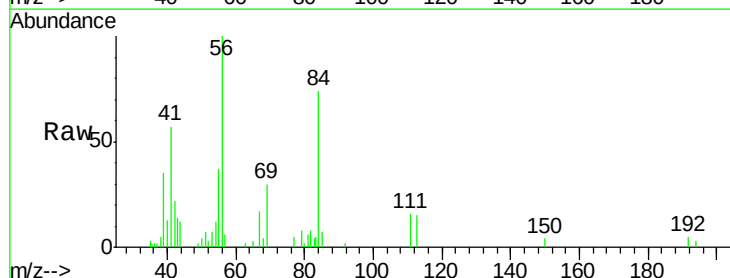
Tgt Ion: 56 Resp: 8140

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

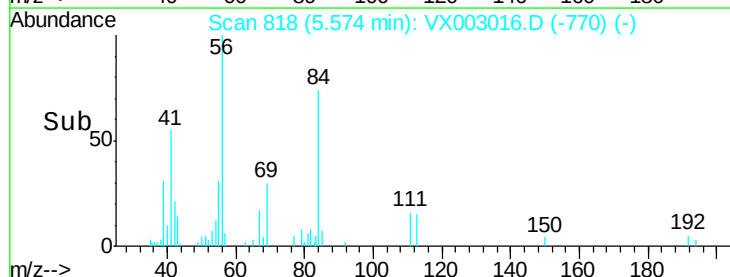
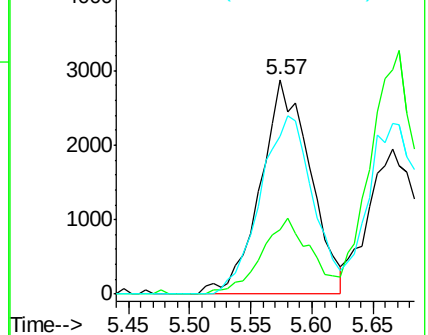
84 73.6 64.1 96.1

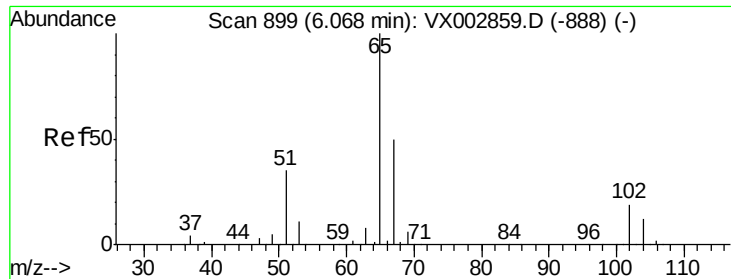


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

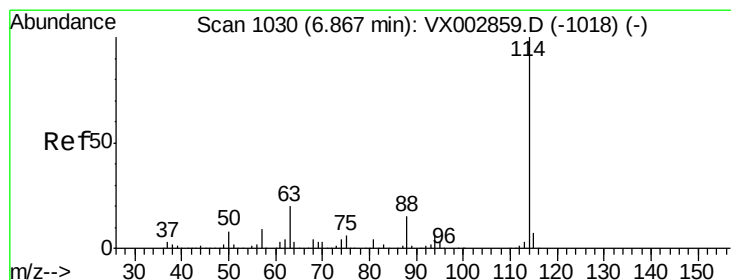
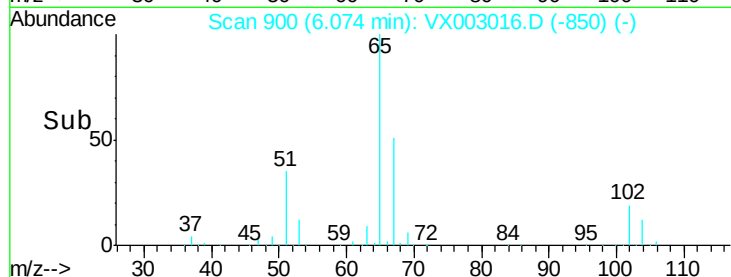
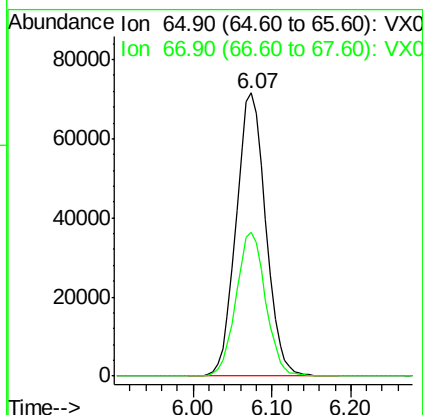
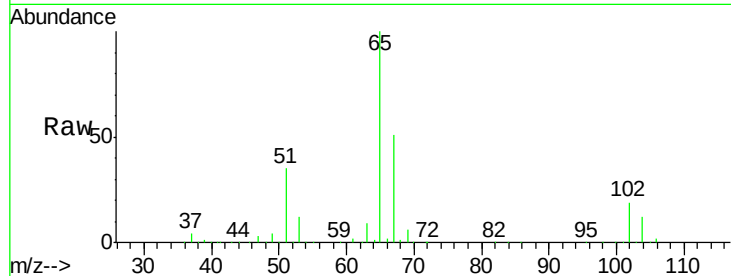




#33
 1,2-Dichloroethane-d4
 Concen: 48.42 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003016.D
 Acq: 29 Jun 2018 06:15

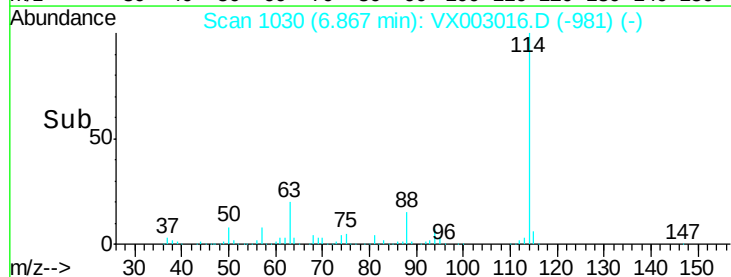
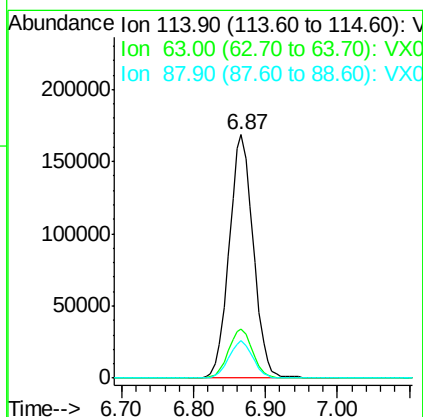
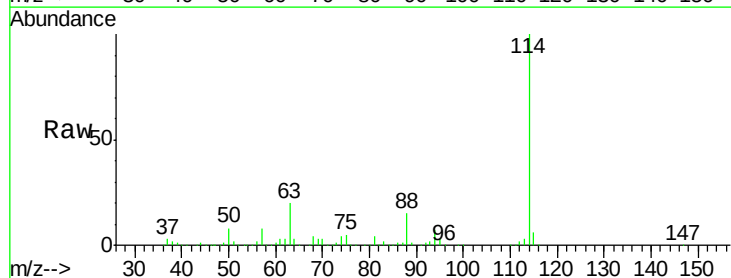
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

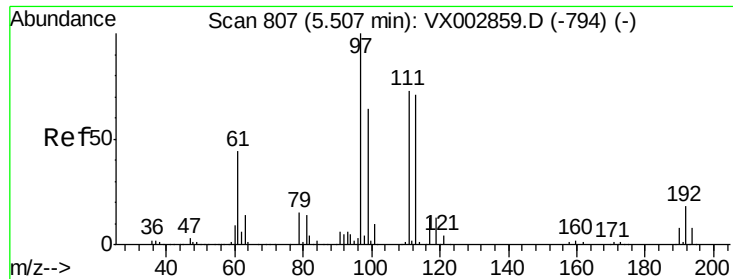
Tot Ion: 65 Resp: 187035
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003016.D
 Acq: 29 Jun 2018 06:15

Tgt Ion: 114 Resp: 392870
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.61 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003016.D

Acq: 29 Jun 2018 06:15

Instrument :

MSVOA_X

ClientSampled :

MW-3

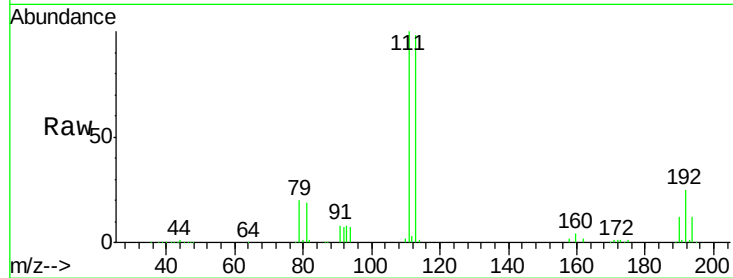
Tot Ion:113 Resp: 151237

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

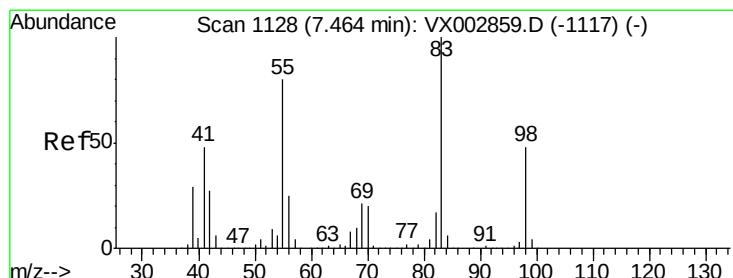
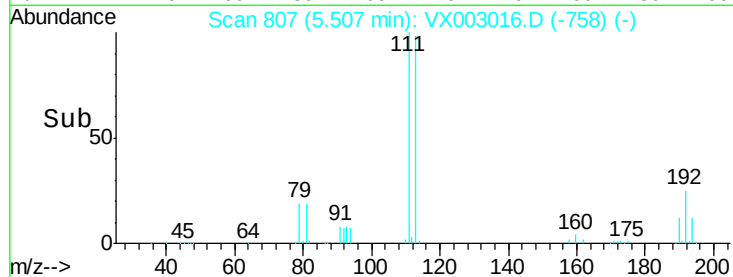
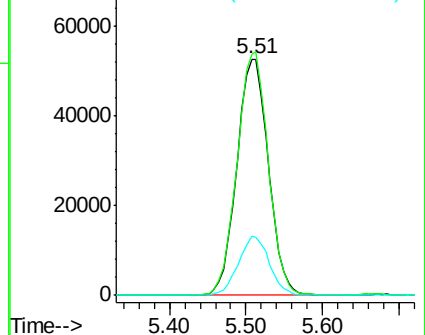
192 24.3 19.1 28.7



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



#39

Methylcyclohexane

Concen: 0.56 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX003016.D

Acq: 29 Jun 2018 06:15

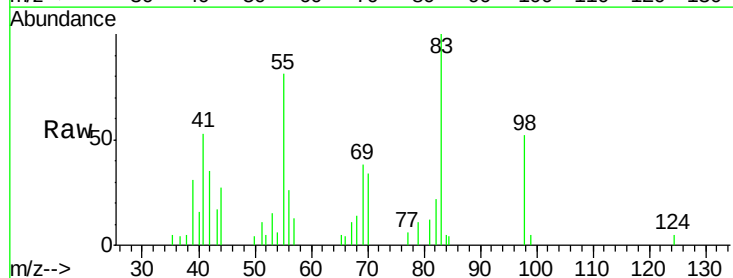
Tgt Ion: 83 Resp: 2788

Ion Ratio Lower Upper

83 100

55 76.2 65.4 98.0

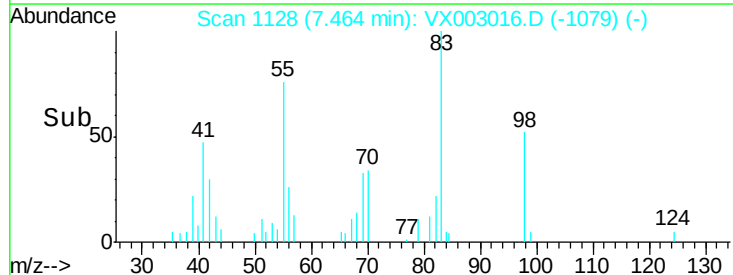
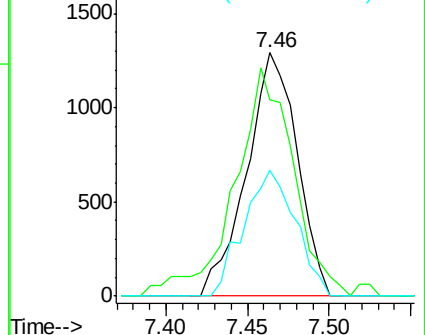
98 51.9 37.4 56.0

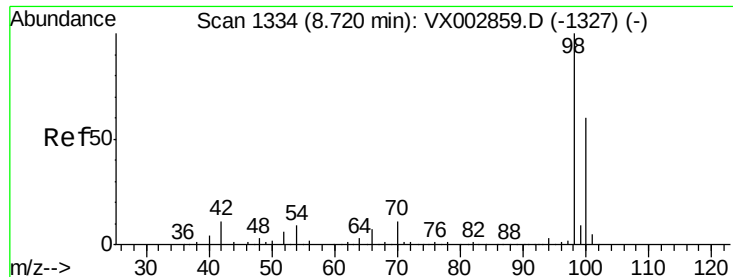


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#50

Toluene-d8

Concen: 49.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003016.D

Acq: 29 Jun 2018 06:15

Instrument :

MSVOA_X

ClientSampleId :

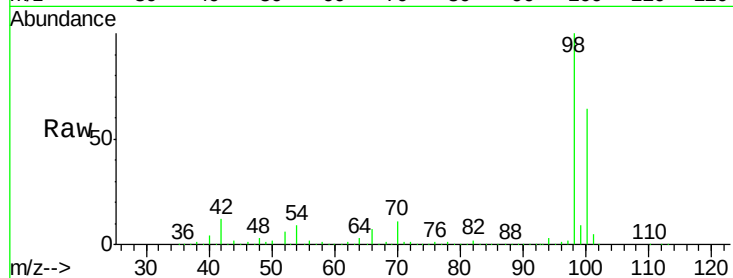
MW-3

Tot Ion: 98 Resp: 557038

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

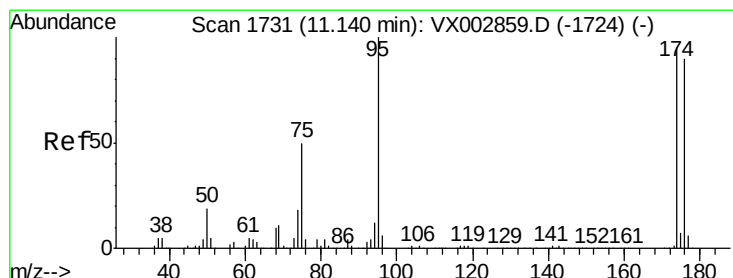
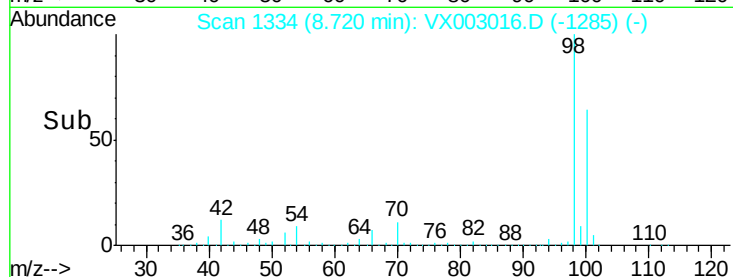
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 45.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003016.D

Acq: 29 Jun 2018 06:15

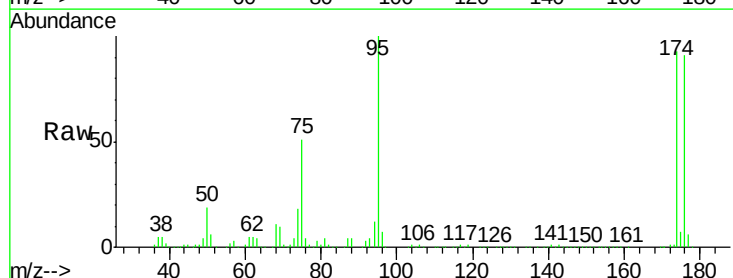
Tgt Ion: 95 Resp: 199288

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

176 93.9 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

11.14

200000

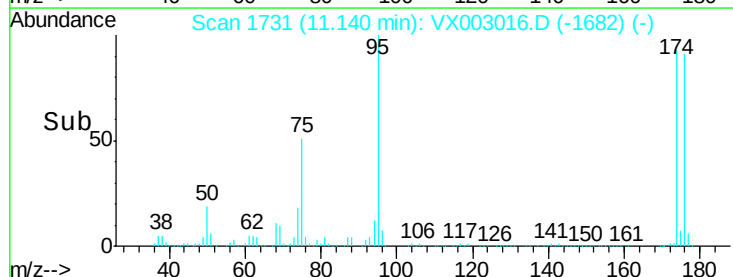
150000

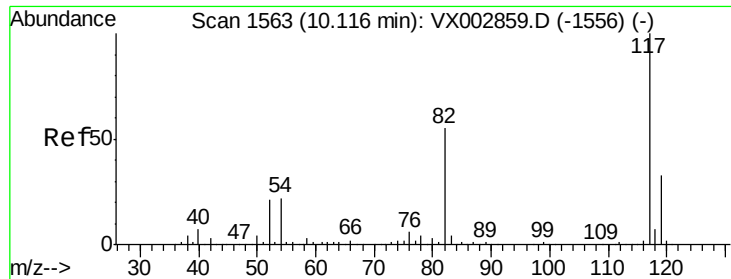
100000

50000

0

Time--> 11.10 11.20

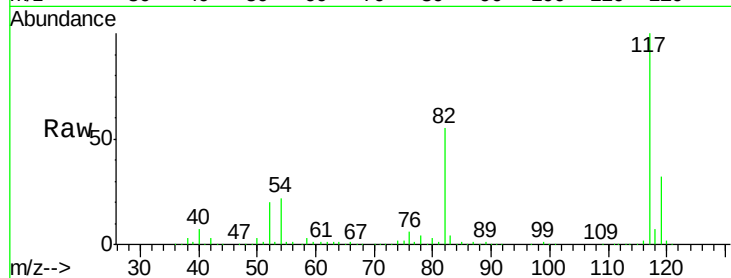




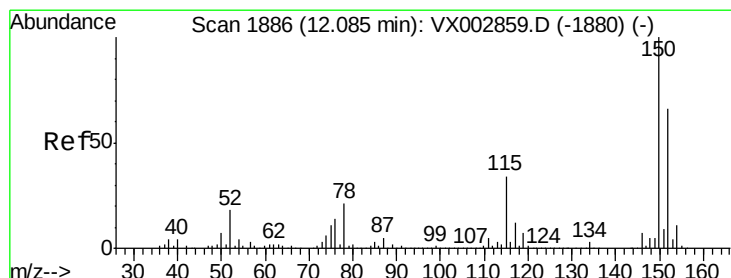
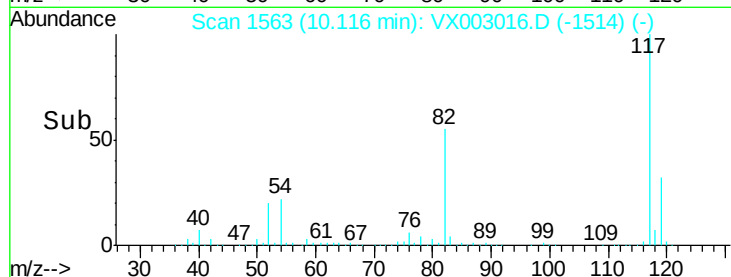
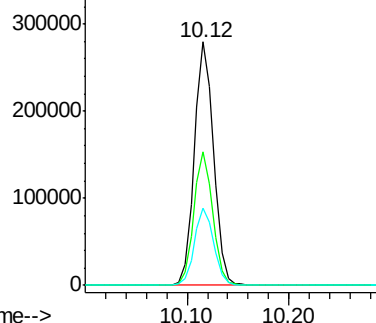
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003016.D
Acq: 29 Jun 2018 06:15

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:117 Resp: 366877
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 31.9 25.8 38.6

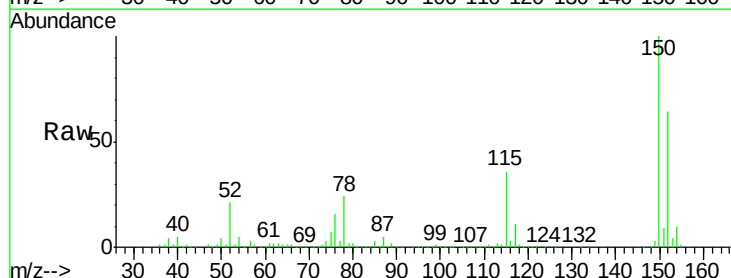


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003016.D
Acq: 29 Jun 2018 06:15

Tgt Ion:152 Resp: 212237
Ion Ratio Lower Upper
152 100
115 54.0 40.1 120.2
150 155.8 0.0 347.2



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

