

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002166.D
 Acq On : 31 May 2018 05:16
 Operator : JC/MD
 Sample : J3185-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16

Quant Time: May 31 07:06:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

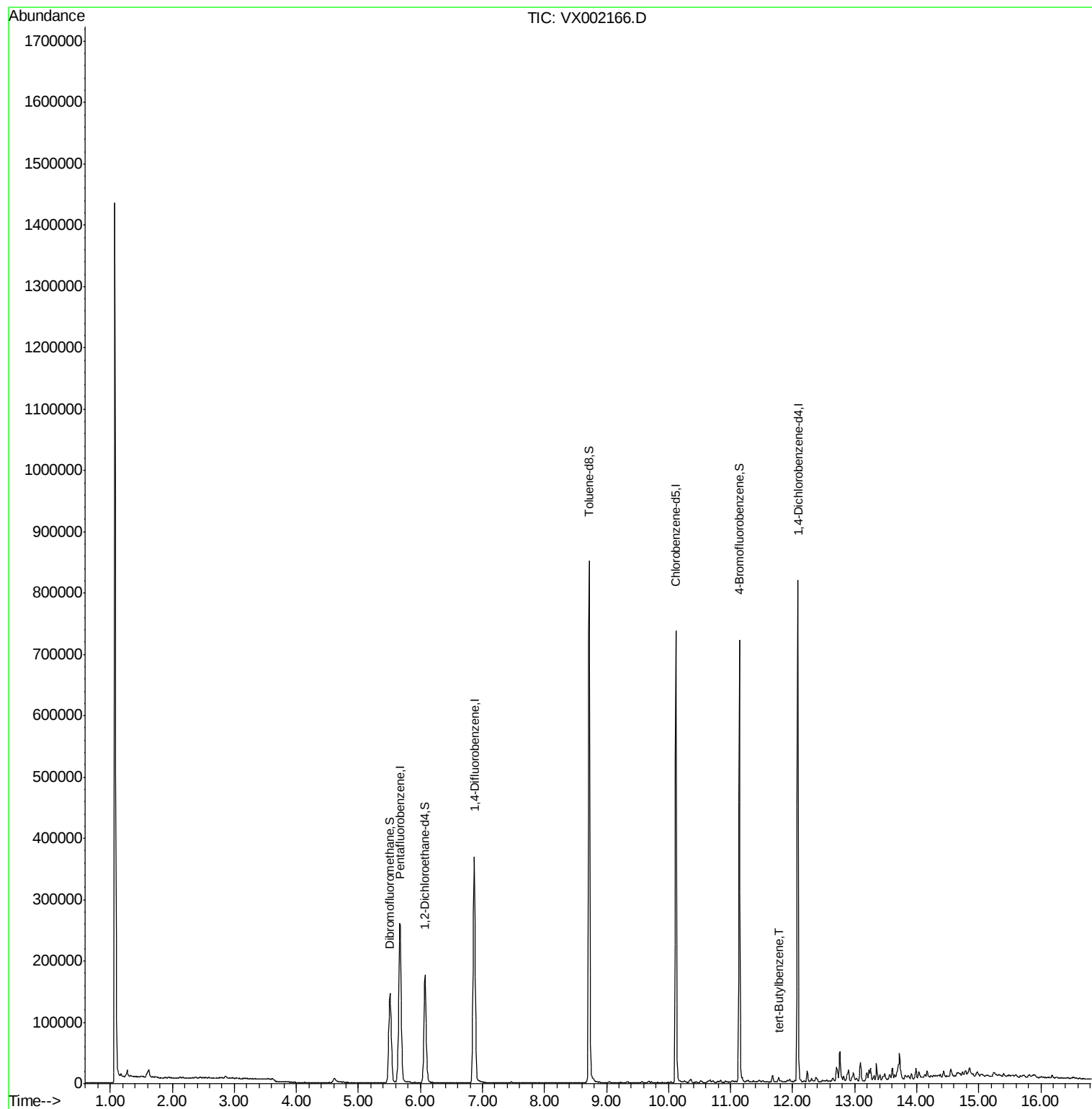
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	171945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163099	35.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.66%	
35) Dibromofluoromethane	5.51	113	120098	32.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.94%	
50) Toluene-d8	8.72	98	494742	37.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.02%	
62) 4-Bromofluorobenzene	11.14	95	168693	32.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.38%	
Target Compounds						
83) tert-Butylbenzene	11.77	119	2547	0.21	ug/l	Qvalue 83

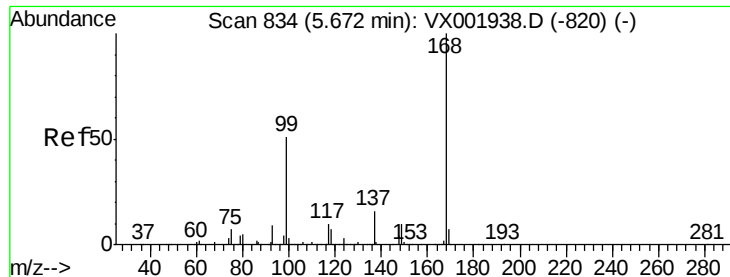
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002166.D

Acq: 31 May 2018 05:16

Instrument :

MSVOA_X

ClientSampleId :

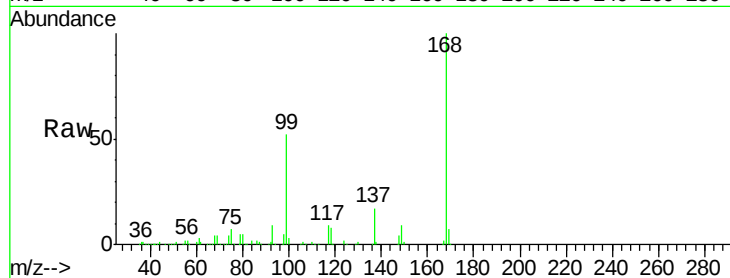
MW-16

Tot Ion:168 Resp: 258232

Ion Ratio Lower Upper

168 100

99 52.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

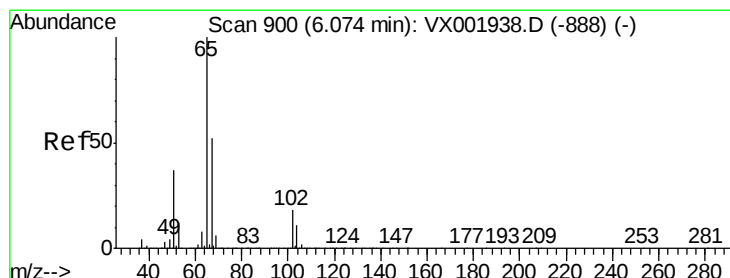
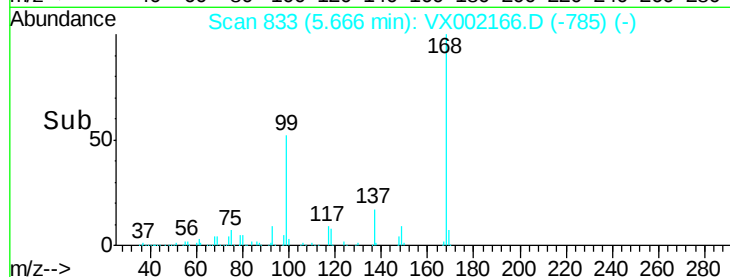
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 35.33 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002166.D

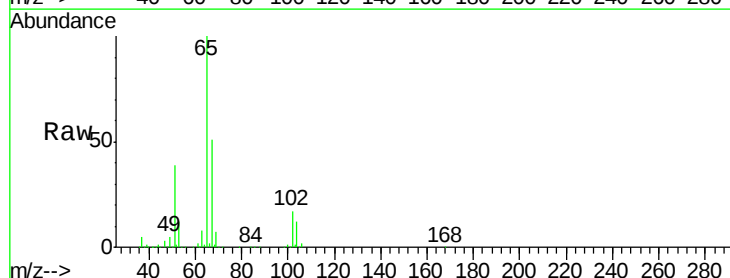
Acq: 31 May 2018 05:16

Tgt Ion: 65 Resp: 163099

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

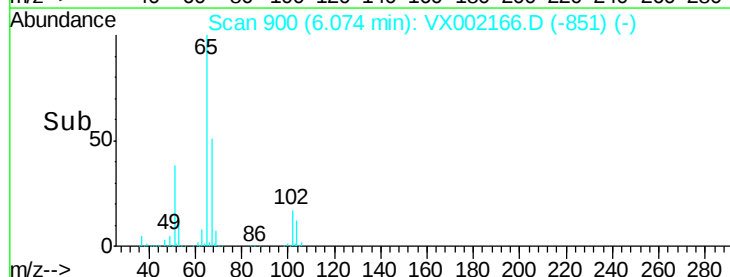
60000

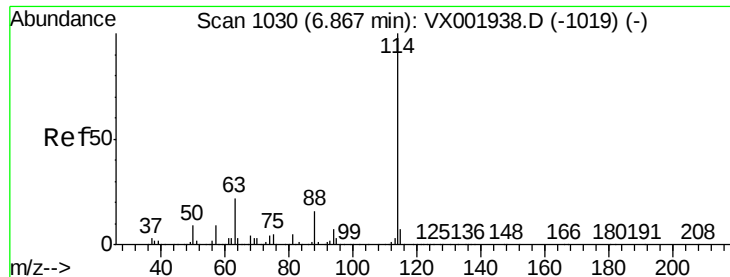
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002166.D

Acq: 31 May 2018 05:16

Instrument :

MSVOA_X

ClientSampleId :

MW-16

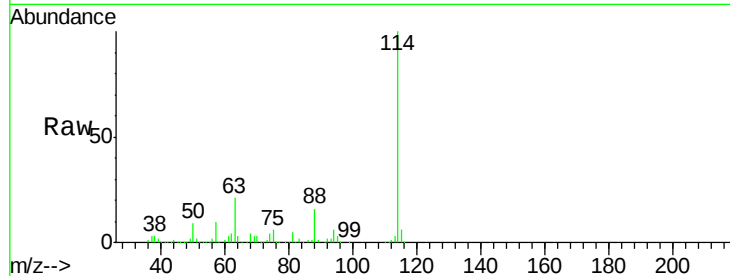
Tot Ion:114 Resp: 364279

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

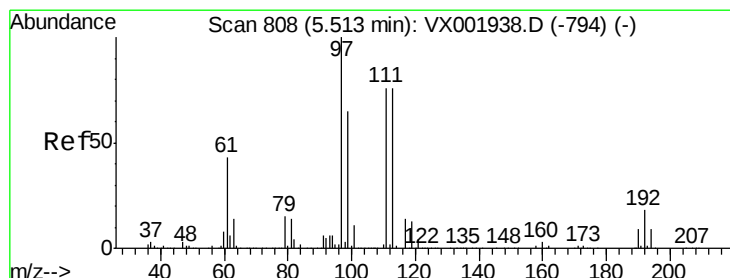
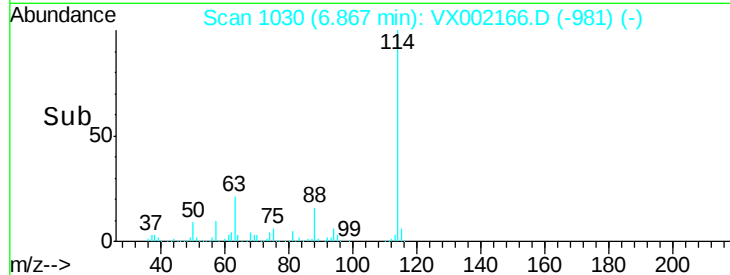
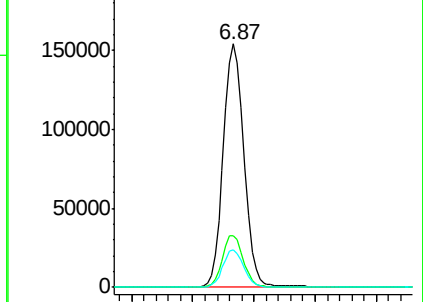
88 15.6 0.0 31.6



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: 32.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX002166.D

Acq: 31 May 2018 05:16

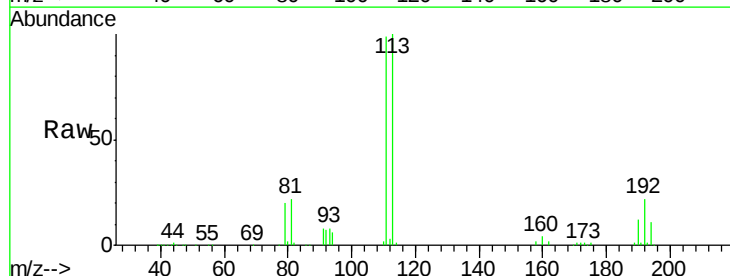
Tgt Ion:113 Resp: 120098

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

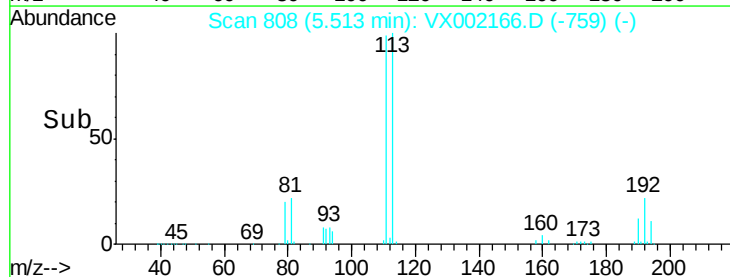
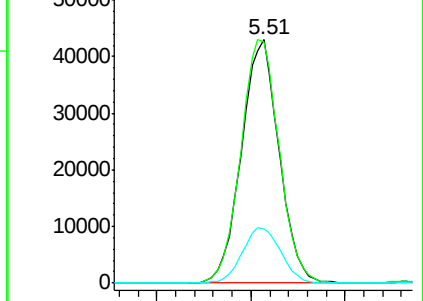
192 23.4 18.9 28.3

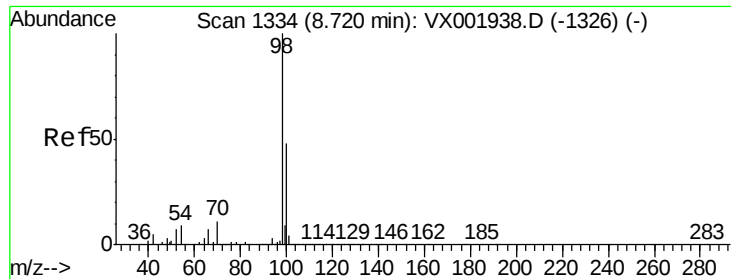


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002166.D

Acq: 31 May 2018 05:16

Instrument :

MSVOA_X

ClientSampleId :

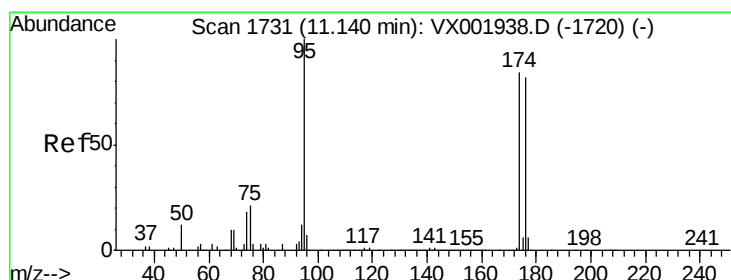
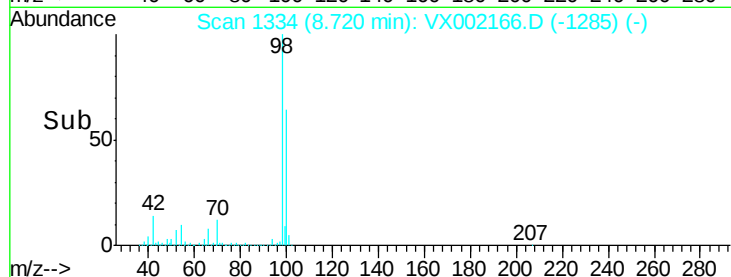
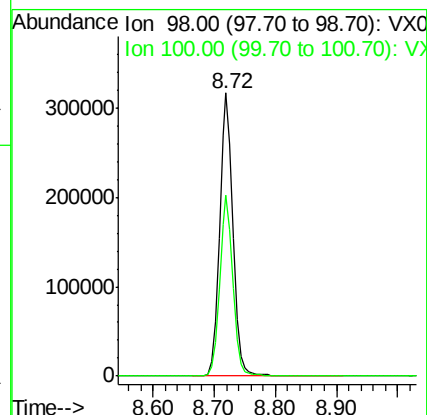
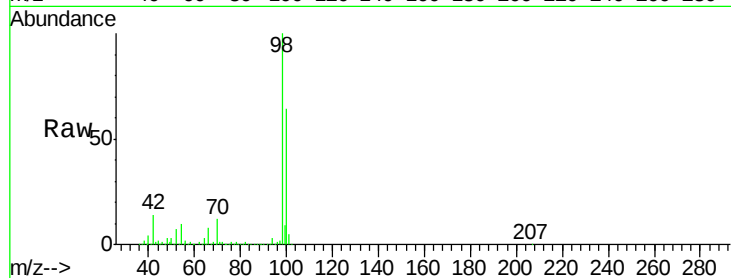
MW-16

Tot Ion: 98 Resp: 494742

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 32.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002166.D

Acq: 31 May 2018 05:16

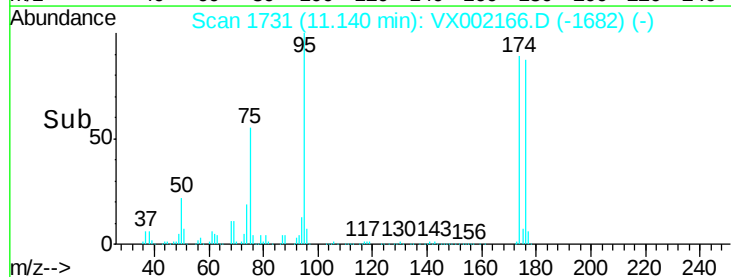
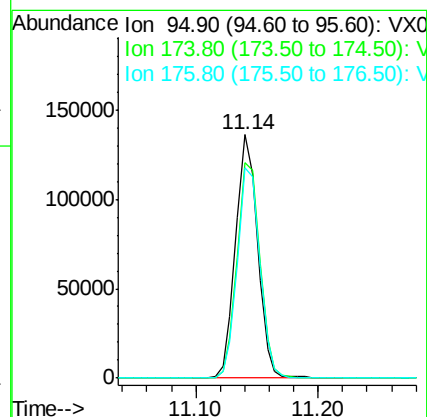
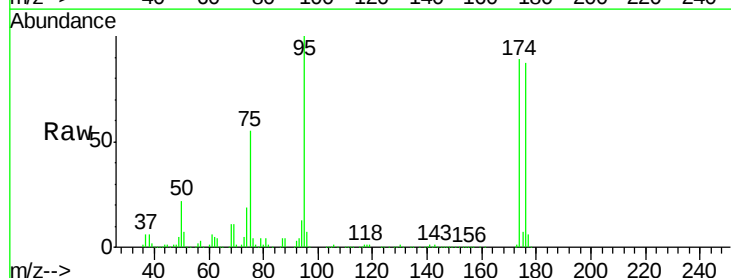
Tgt Ion: 95 Resp: 168693

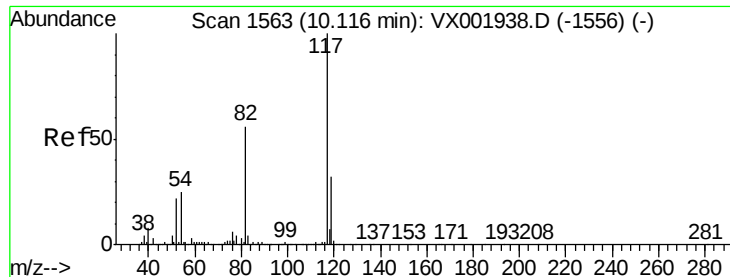
Ion Ratio Lower Upper

95 100

174 92.5 0.0 178.8

176 88.9 0.0 175.6

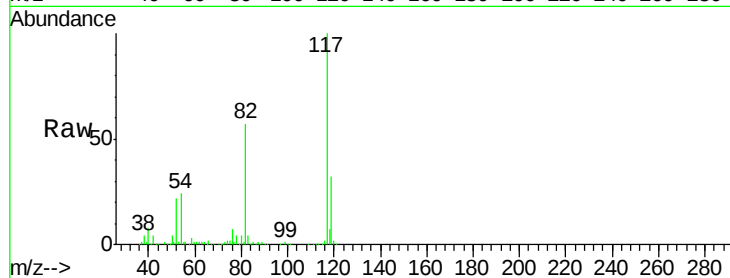




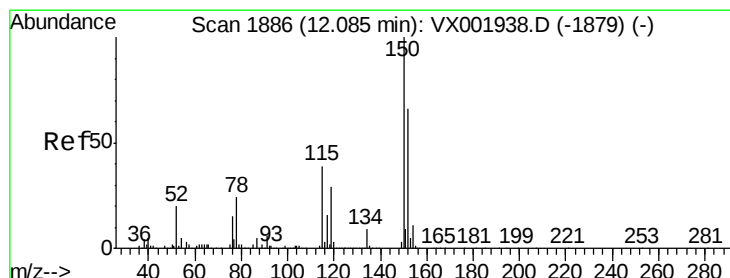
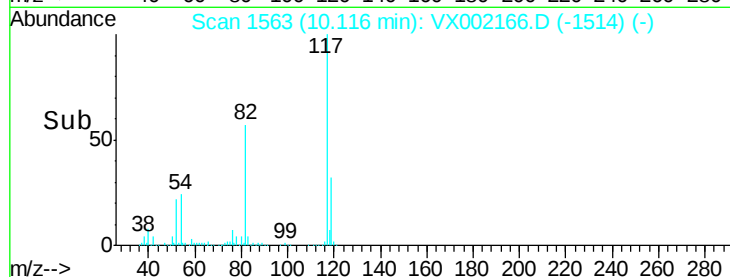
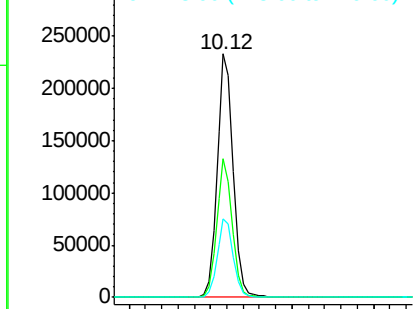
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Instrument :
MSVOA_X
ClientSampled :
MW-16

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.8	67.2
119	32.3	25.5	38.3

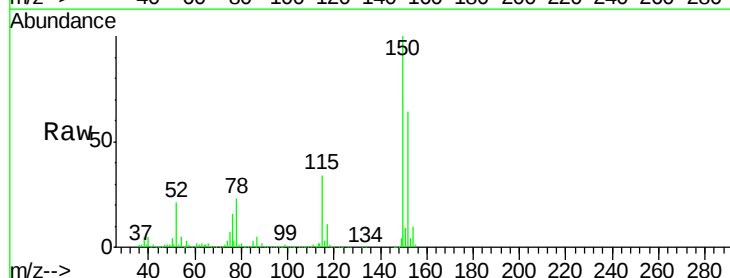


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

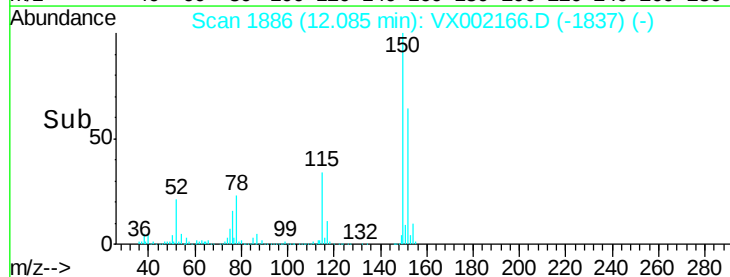
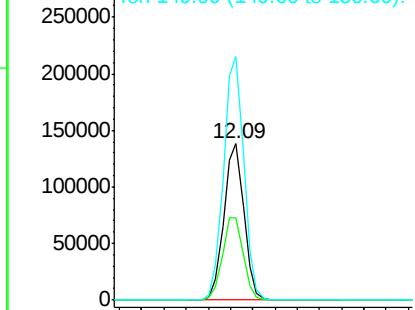


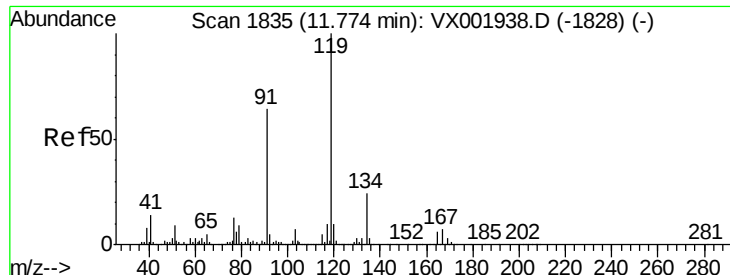
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002166.D
Acq: 31 May 2018 05:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	42.3	126.8
150	157.8	0.0	351.0



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





#83

tert-Butylbenzene

Concen: 0.21 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002166.D

Acq: 31 May 2018 05:16

Instrument :

MSVOA_X

ClientSampleId :

MW-16

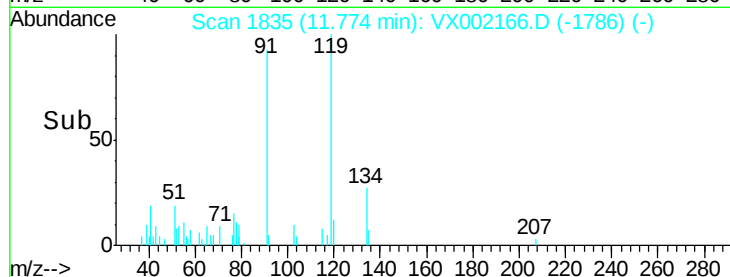
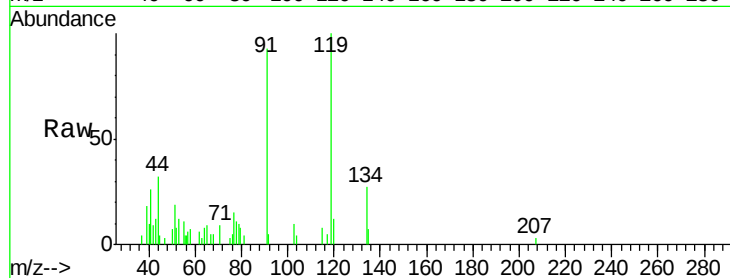
Tot Ion:119 Resp: 2547

Ion Ratio Lower Upper

119 100

91 79.2 30.6 91.8

134 23.6 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

