

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001363.D
 Acq On : 03 May 2018 17:02
 Operator : JC/MD
 Sample : J2706-05 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002

Quant Time: May 04 08:00:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

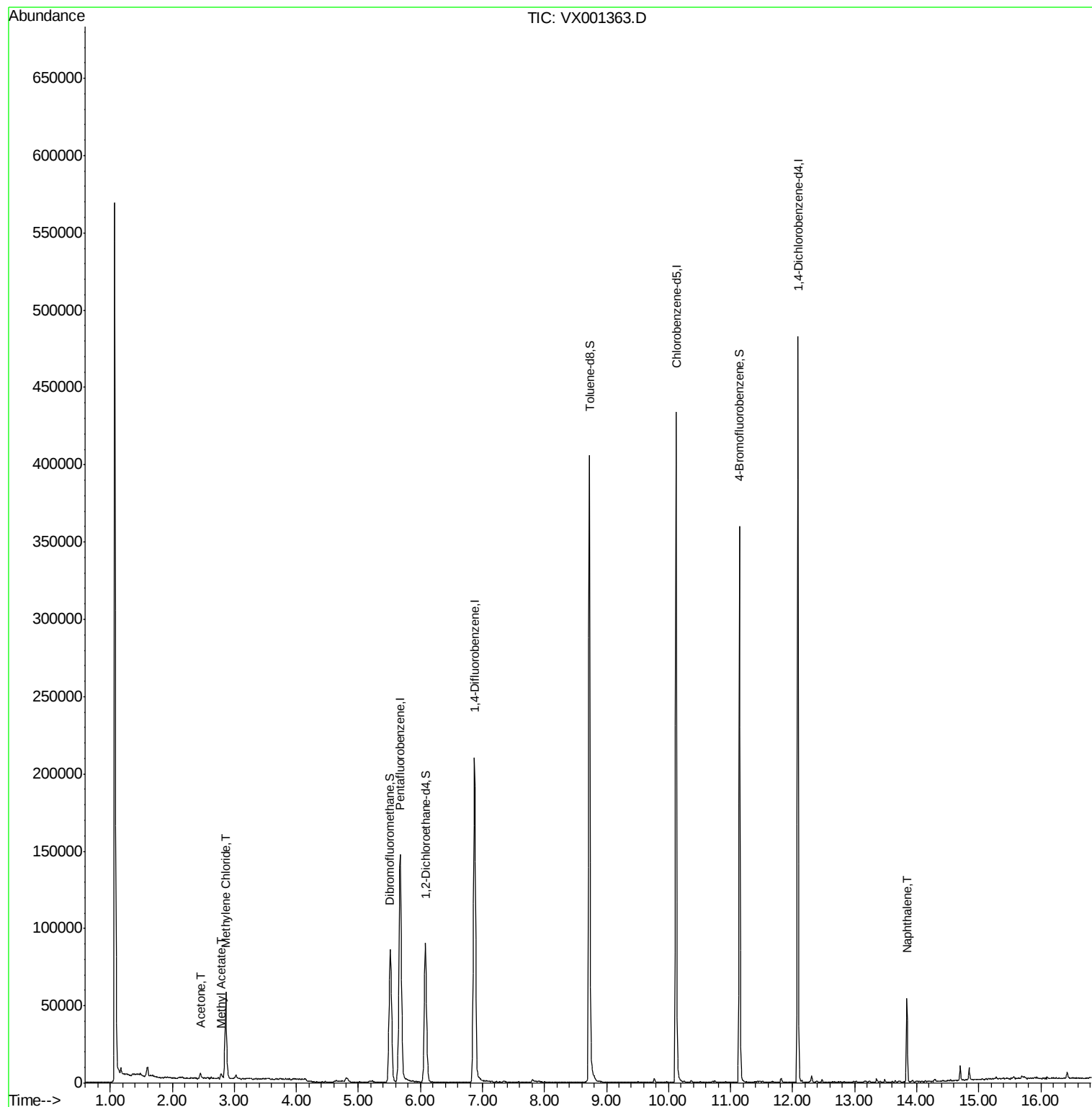
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	202947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	101910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	83029	37.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.10%	
35) Dibromofluoromethane	5.51	113	68419	35.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.10%	
50) Toluene-d8	8.73	98	257946	37.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.04%	
62) 4-Bromofluorobenzene	11.15	95	84721	30.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.62%	
Target Compounds						
16) Acetone	2.45	43	4210	4.40	ug/l	90
18) Methyl Acetate	2.79	43	3656	1.62	ug/l	98
20) Methylene Chloride	2.86	84	25561	13.65	ug/l	95
95) Naphthalene	13.84	128	33081	4.44	ug/l	99

(#) = 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: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

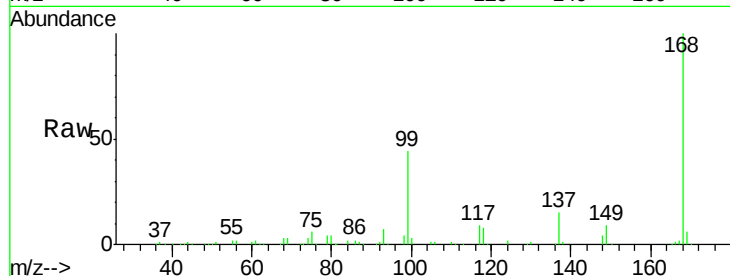
002

Tot Ion:168 Resp: 161883

Ion Ratio Lower Upper

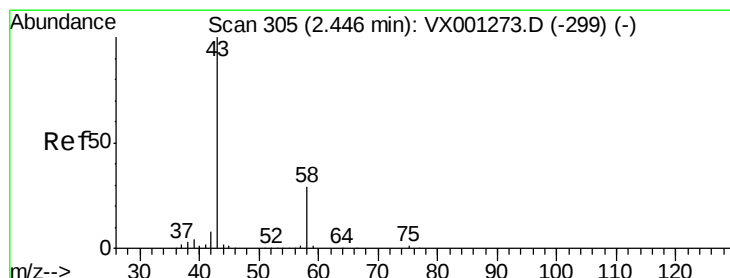
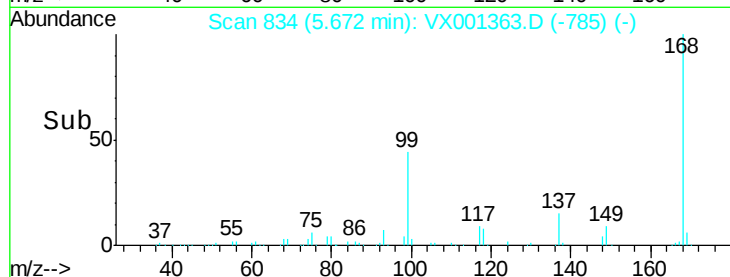
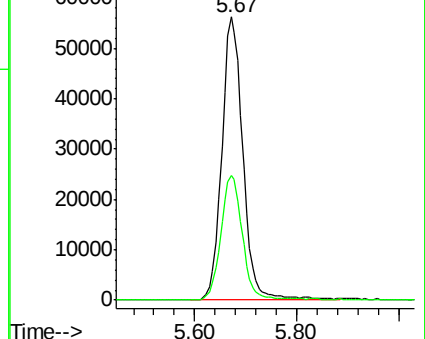
168 100

99 44.0 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001363.D

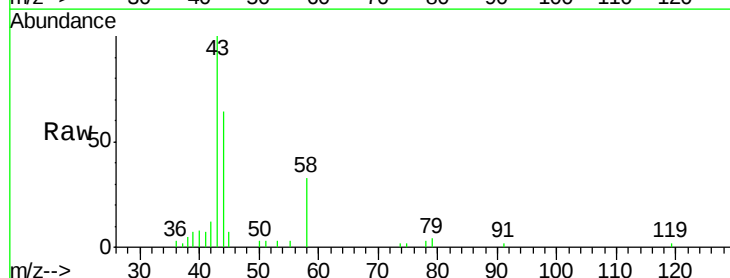
Acq: 03 May 2018 17:02

Tgt Ion: 43 Resp: 4210

Ion Ratio Lower Upper

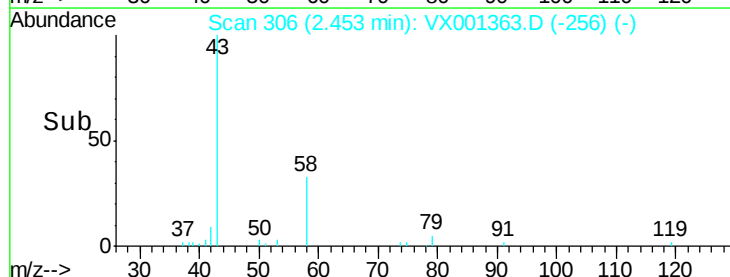
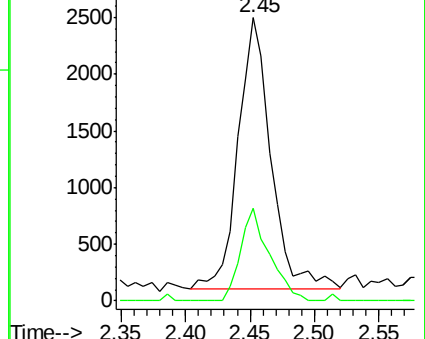
43 100

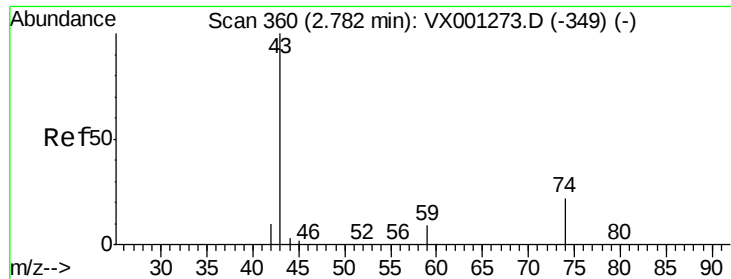
58 34.0 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

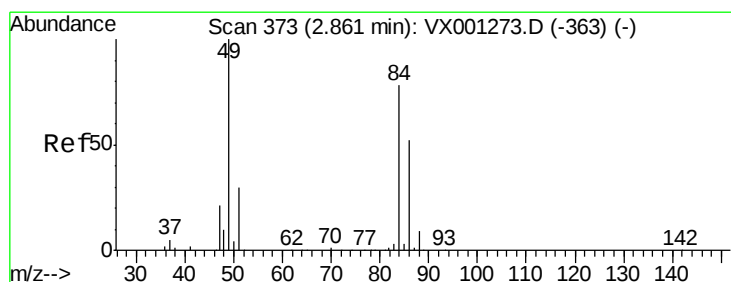
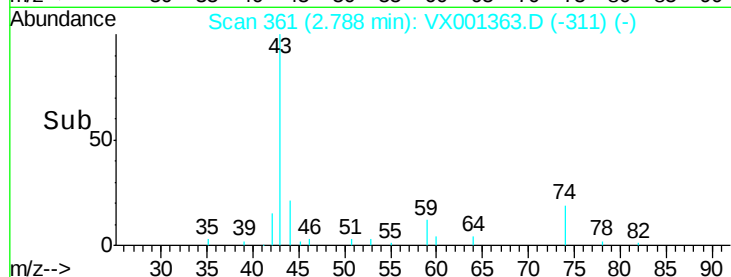
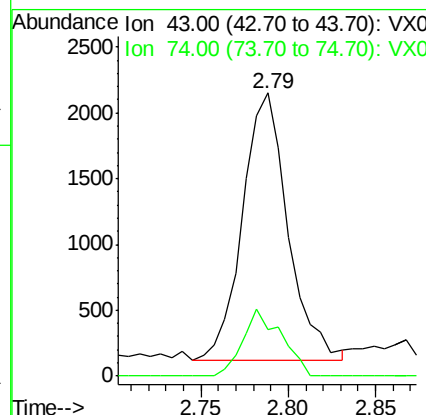
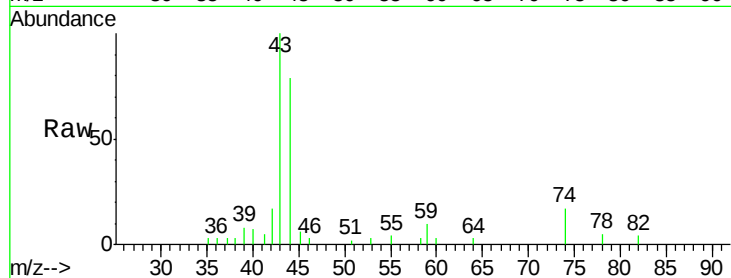




#18
Methyl Acetate
Concen: 1.62 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

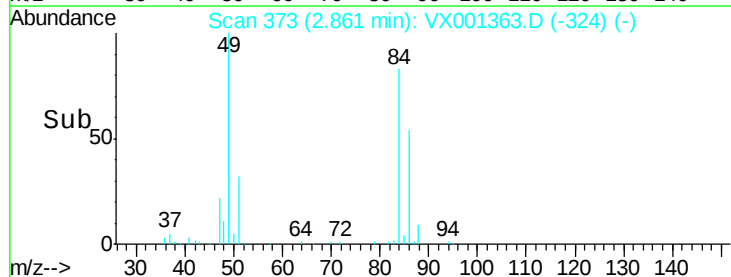
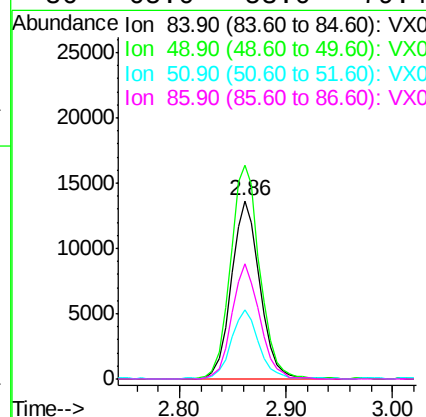
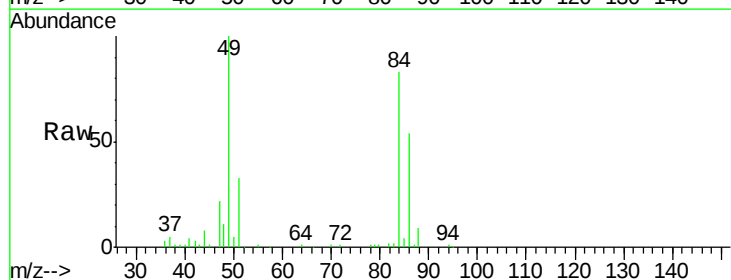
Instrument :
MSVOA_X
ClientSampleId :
002

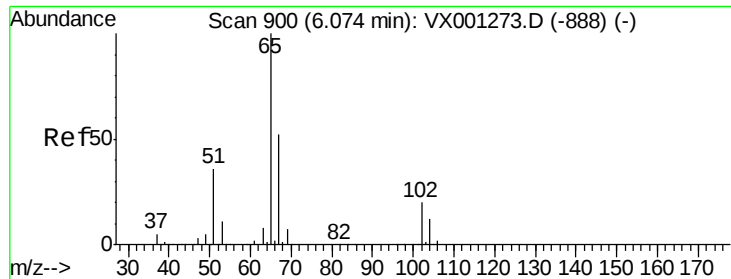
Tot Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6



#20
Methylene Chloride
Concen: 13.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Tgt Ion: 84 Resp: 25561
Ion Ratio Lower Upper
84 100
49 120.0 102.8 154.2
51 39.1 30.9 46.3
86 65.0 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 37.05 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

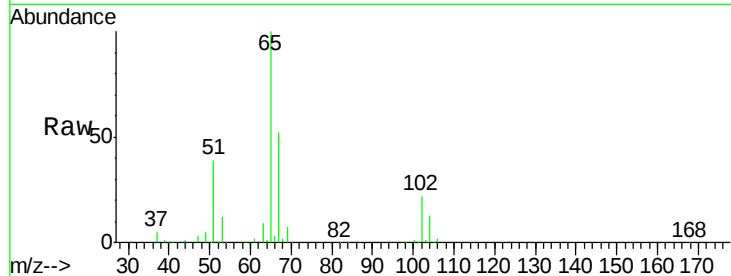
002

Tot Ion: 65 Resp: 83029

Ion Ratio Lower Upper

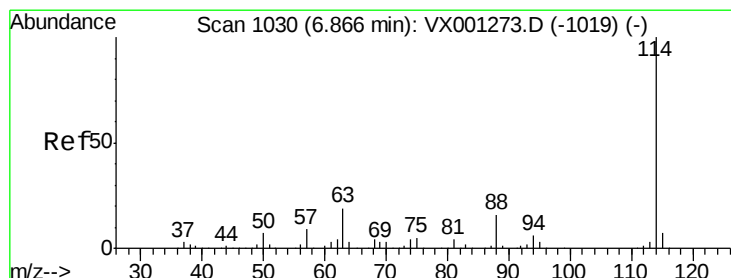
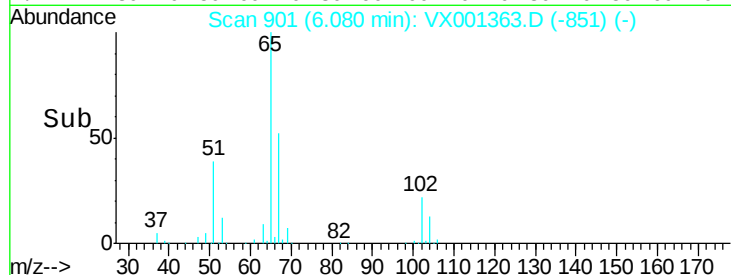
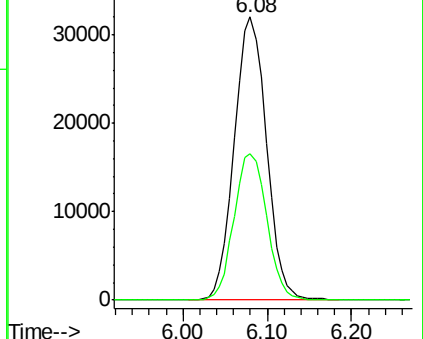
65 100

67 52.8 0.0 102.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

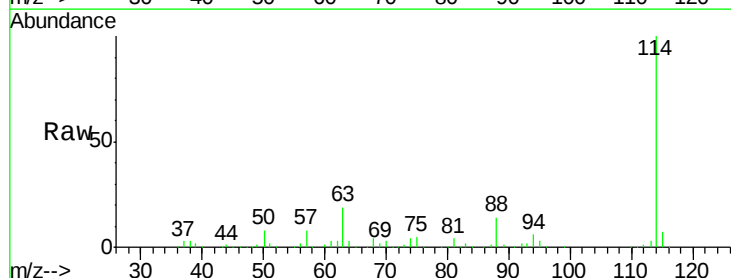
Tgt Ion: 114 Resp: 223368

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

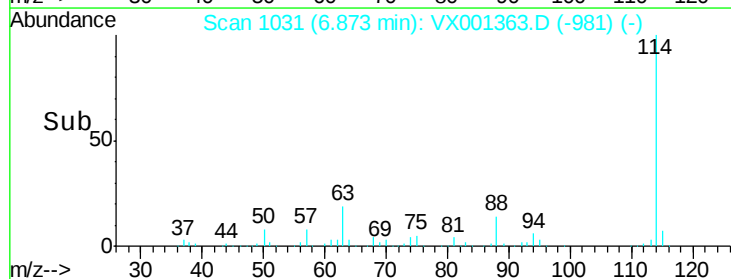
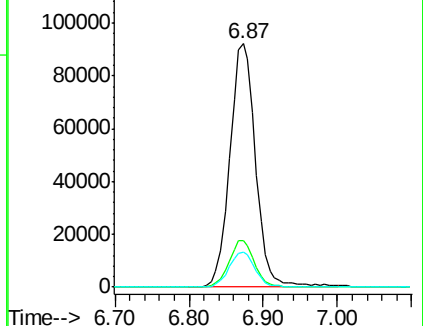
88 14.1 0.0 32.2

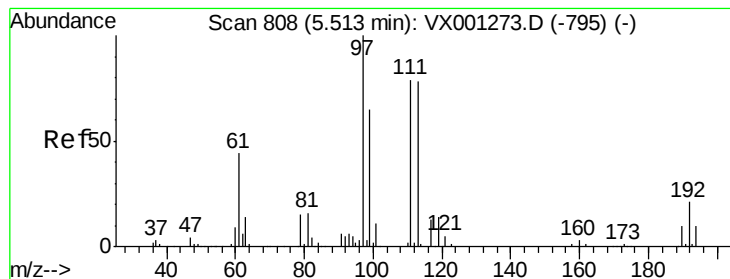


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 35.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

002

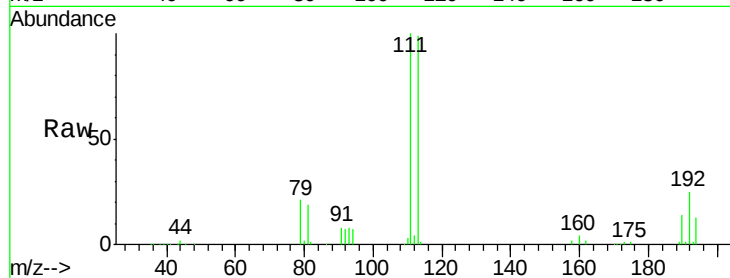
Tot Ion:113 Resp: 68419

Ion Ratio Lower Upper

113 100

111 104.1 81.2 121.8

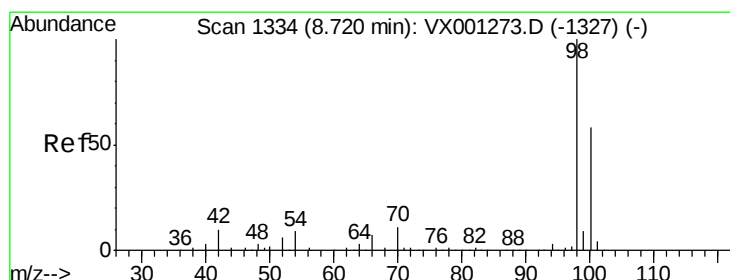
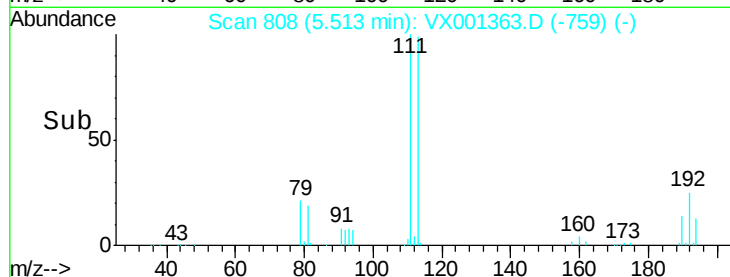
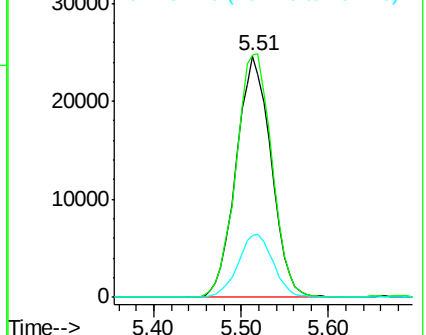
192 26.2 20.7 31.1



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: 37.52 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX001363.D

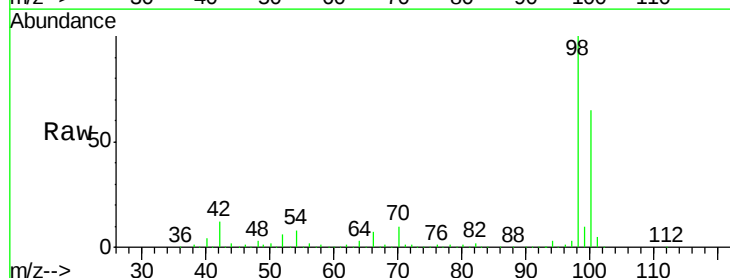
Acq: 03 May 2018 17:02

Tgt Ion: 98 Resp: 257946

Ion Ratio Lower Upper

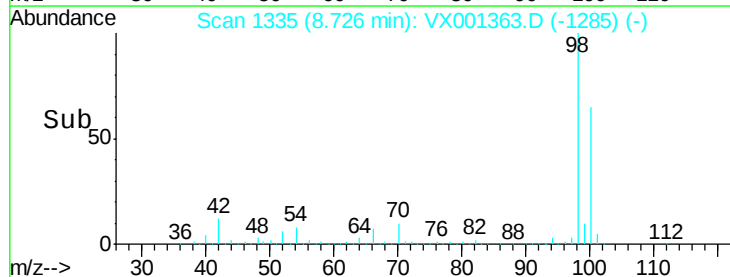
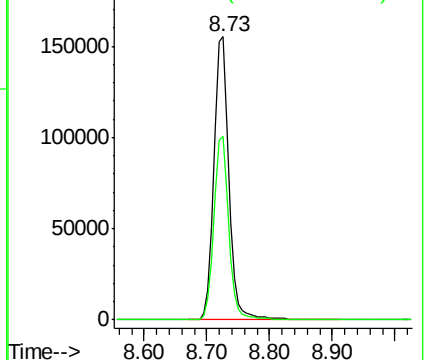
98 100

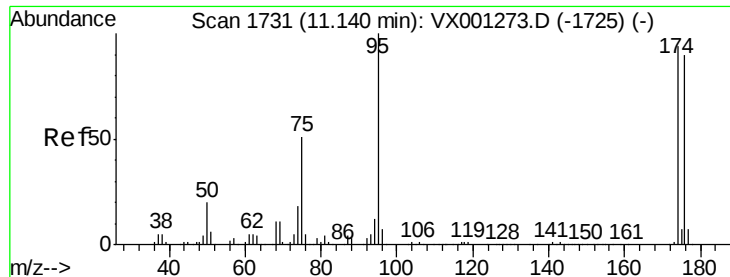
100 64.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

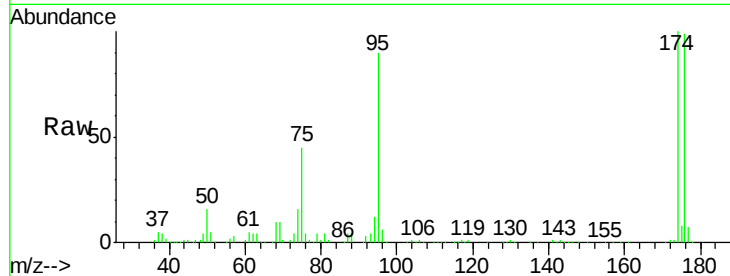




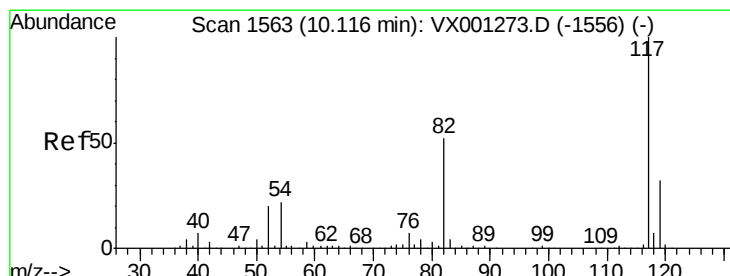
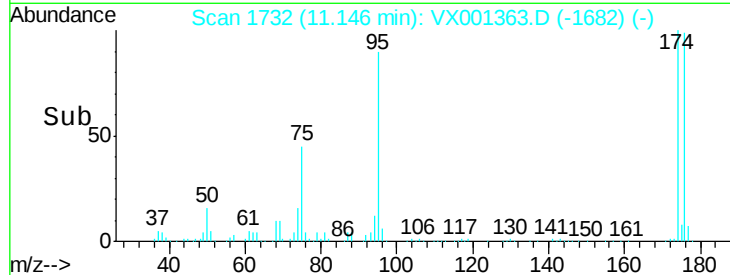
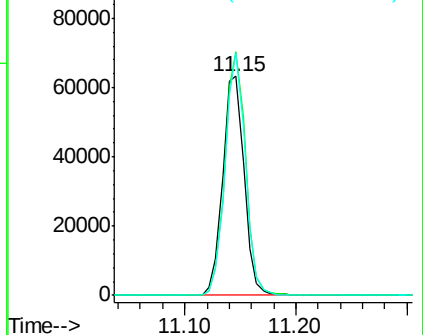
#62
4-Bromofluorobenzene
Concen: 30.81 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Instrument :
MSVOA_X
ClientSampled :
002

Tot Ion: 95 Resp: 84721
Ion Ratio Lower Upper
95 100
174 106.9 0.0 201.8
176 103.6 0.0 197.2

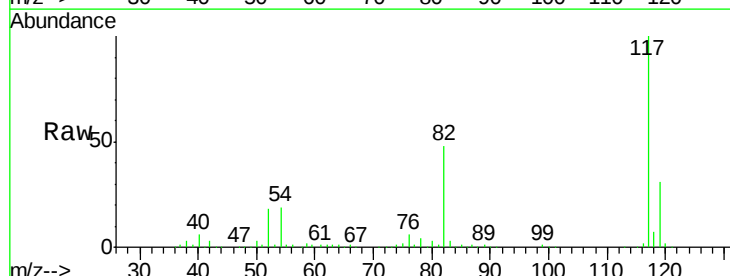


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

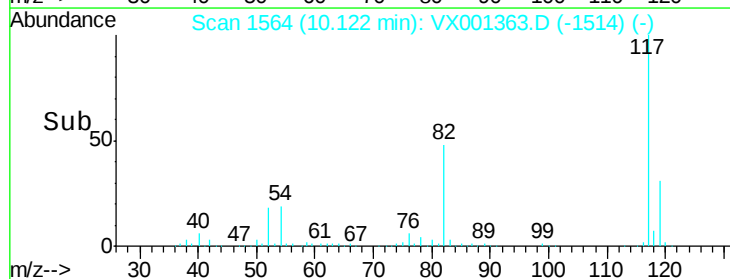
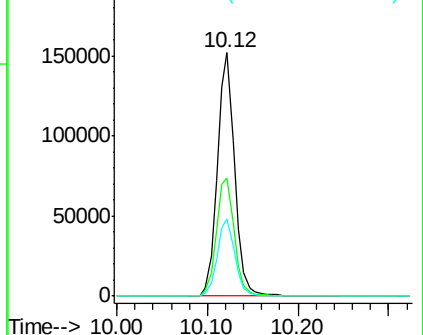


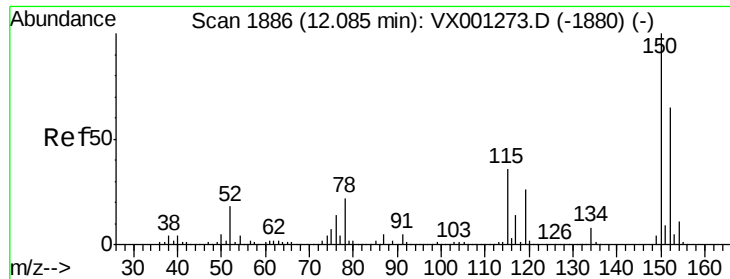
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001363.D
Acq: 03 May 2018 17:02

Tgt Ion: 117 Resp: 202947
Ion Ratio Lower Upper
117 100
82 48.3 41.4 62.0
119 31.5 25.5 38.3



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

Instrument :

MSVOA_X

ClientSampleId :

002

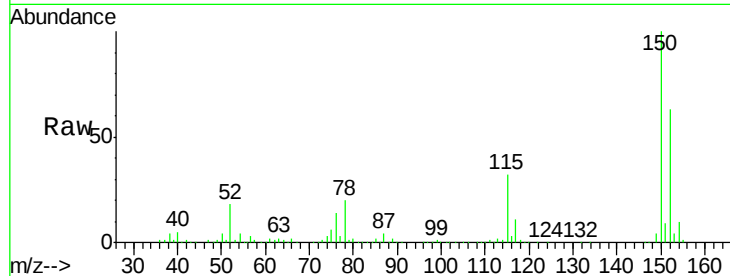
Tot Ion:152 Resp: 101910

Ion Ratio Lower Upper

152 100

115 52.0 38.6 115.7

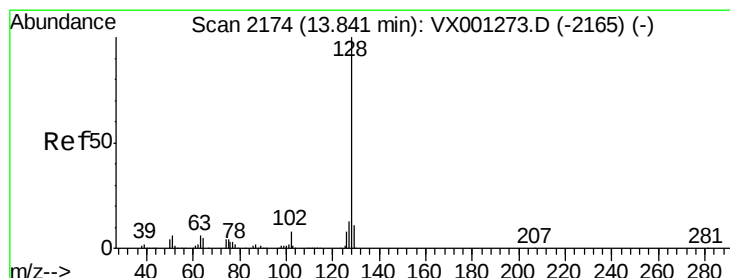
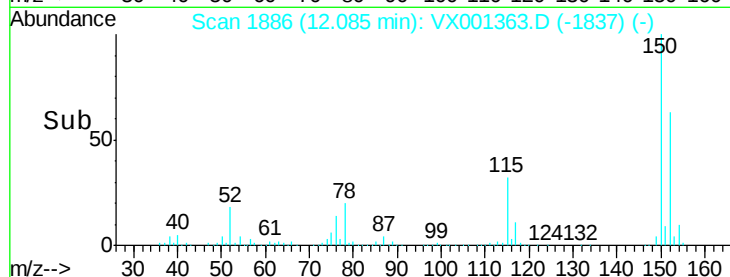
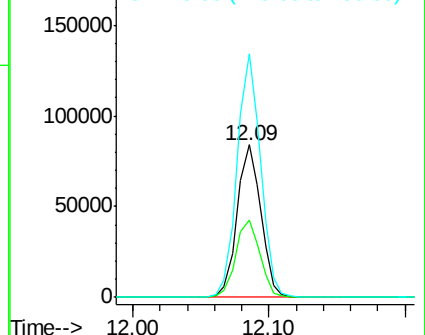
150 157.9 0.0 349.2



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



#95

Naphthalene

Concen: 4.44 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001363.D

Acq: 03 May 2018 17:02

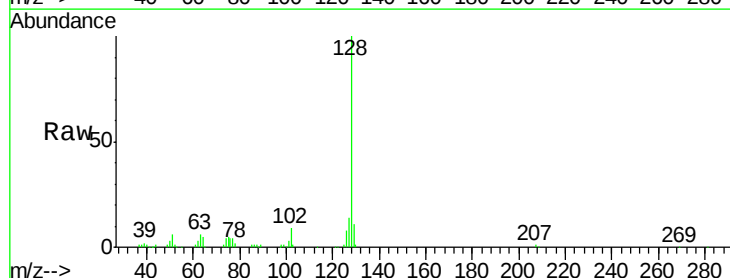
Tgt Ion:128 Resp: 33081

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

