

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002490.D
 Acq On : 13 Jun 2018 02:38
 Operator : JC/MD
 Sample : J3444-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-51(0-5)

Quant Time: Jun 13 03:58:55 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

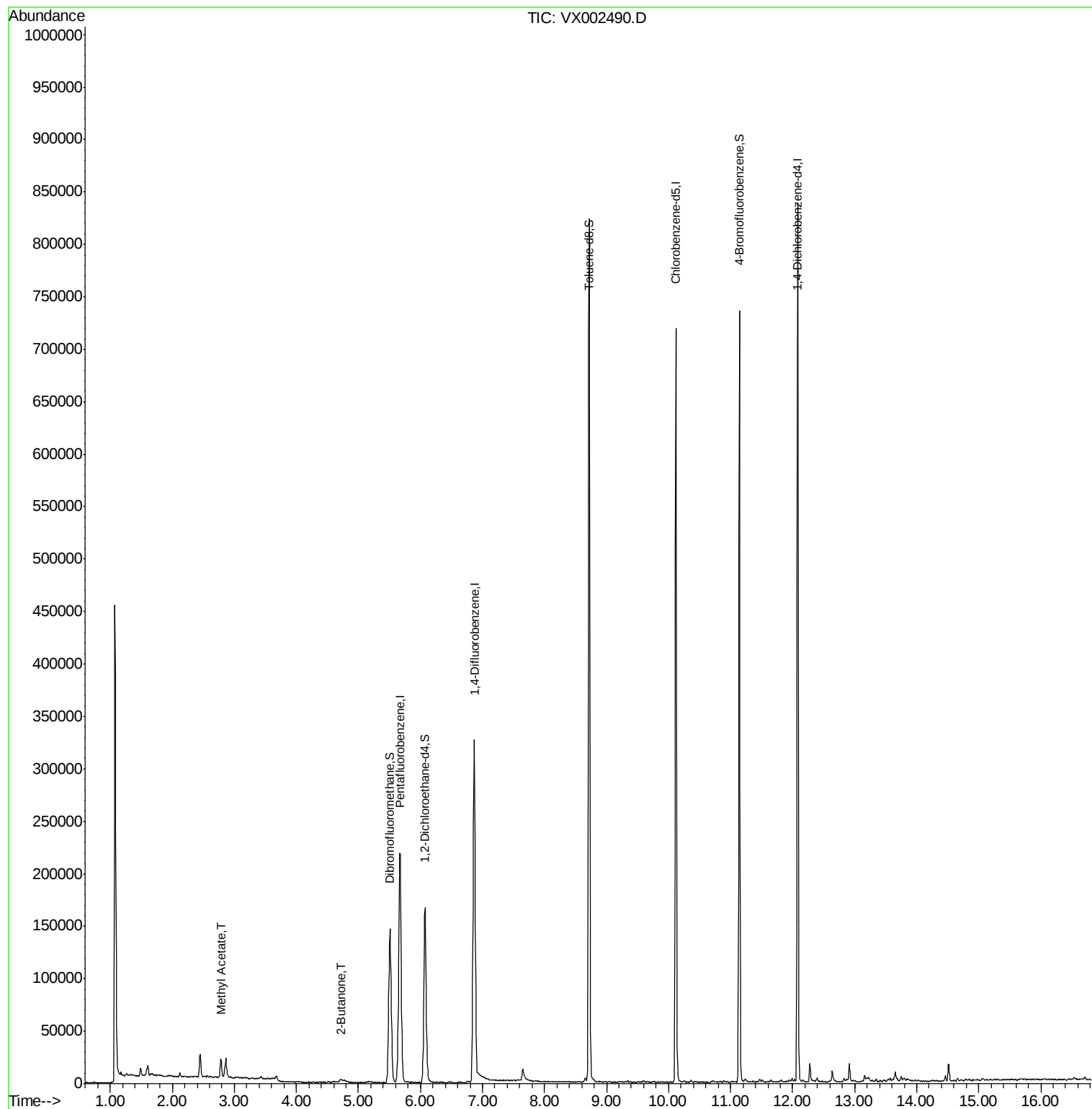
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	318035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157359	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	5.51	113	115579	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	8.72	98	465950	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.14	95	163914	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
18) Methyl Acetate	2.78	43	21252	4.466	ug/l	95
25) 2-Butanone	4.71	43	4957	2.360	ug/l #	82

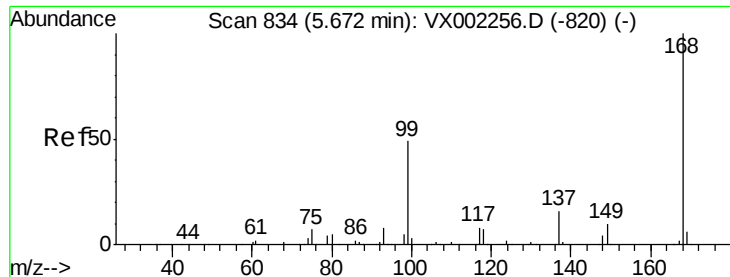
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002490.D

Acq: 13 Jun 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

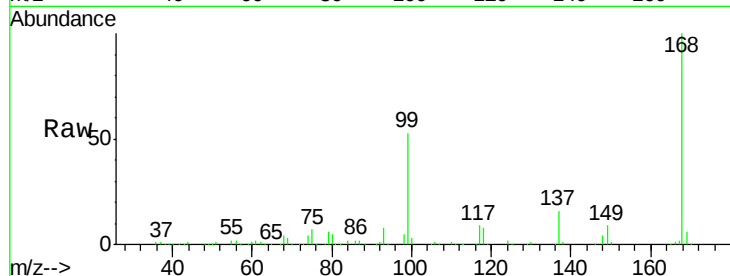
SB-51(0-5)

Tot Ion:168 Resp: 214249

Ion Ratio Lower Upper

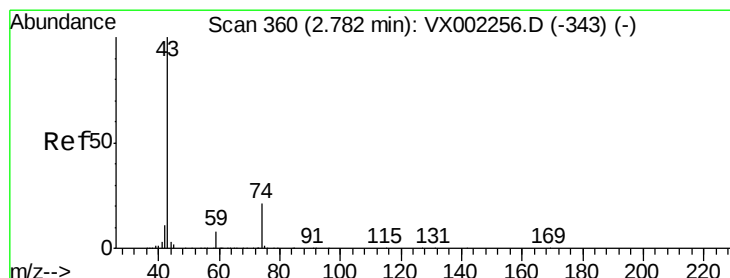
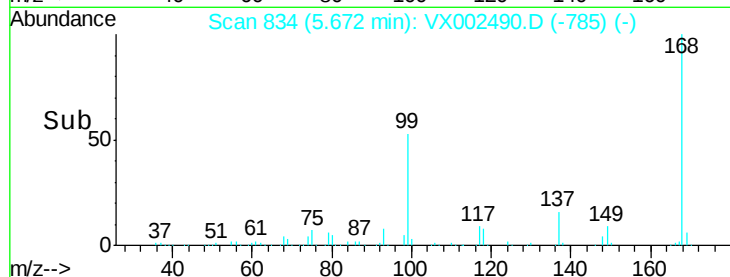
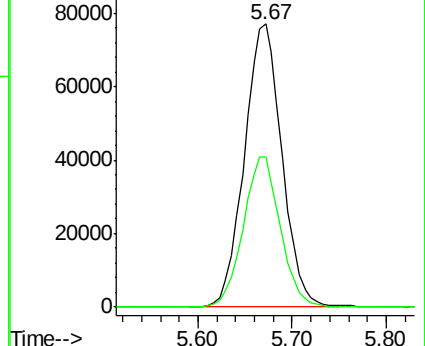
168 100

99 52.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 4.466 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002490.D

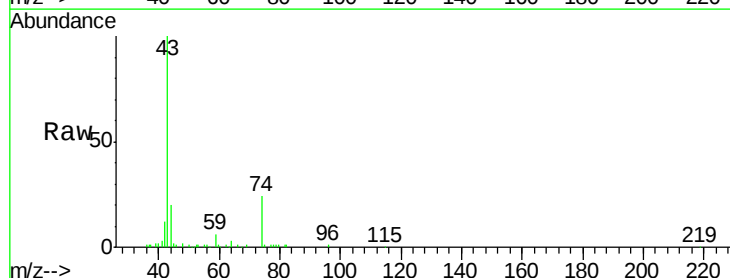
Acq: 13 Jun 2018 02:38

Tgt Ion: 43 Resp: 21252

Ion Ratio Lower Upper

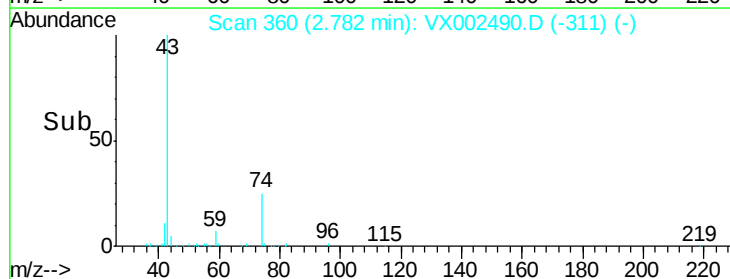
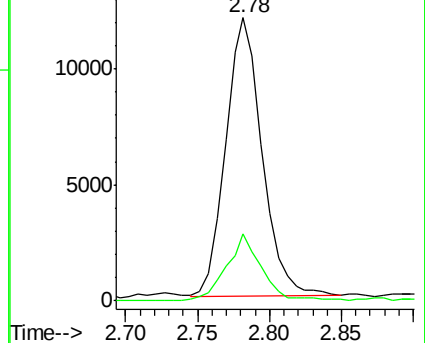
43 100

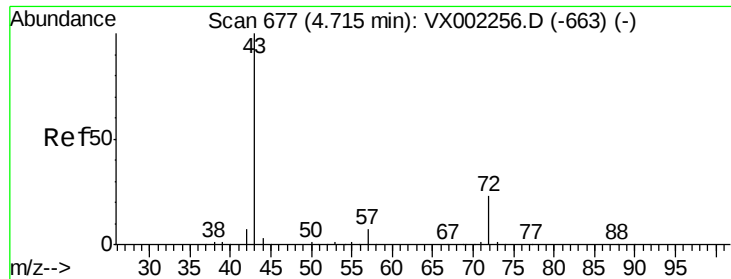
74 23.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 2.360 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002490.D

Acq: 13 Jun 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

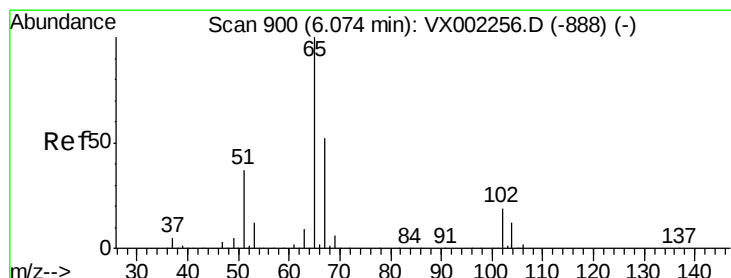
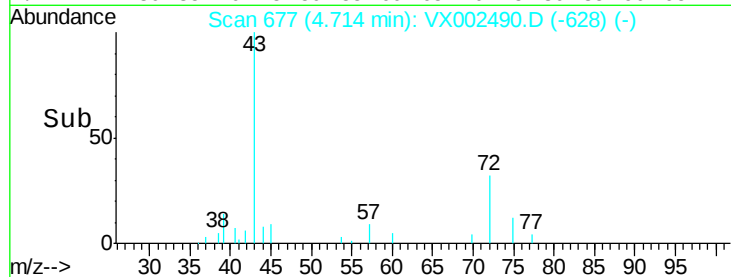
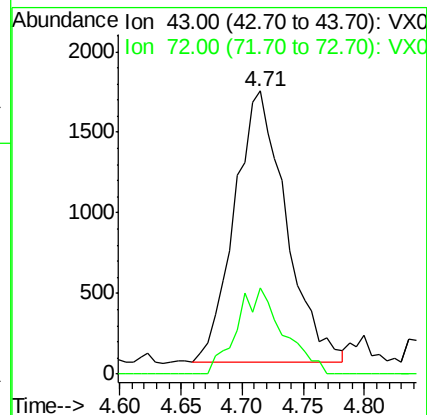
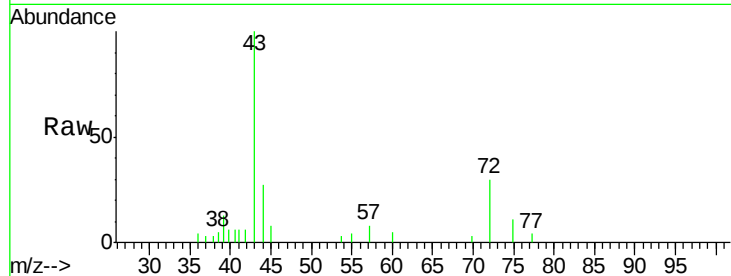
SB-51(0-5)

Tot Ion: 43 Resp: 4957

Ion Ratio Lower Upper

43 100

72 31.7 18.5 27.7#



#33

1,2-Dichloroethane-d4

Concen: 51.463 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002490.D

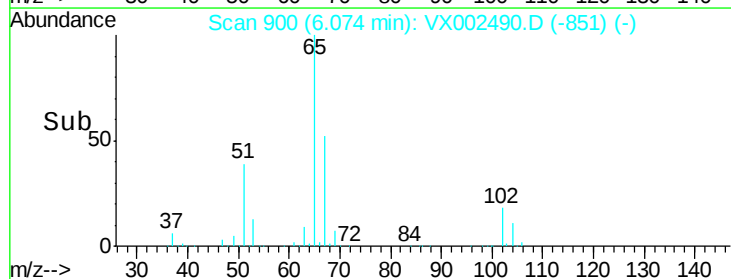
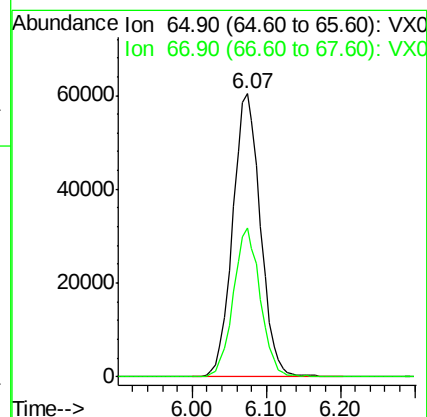
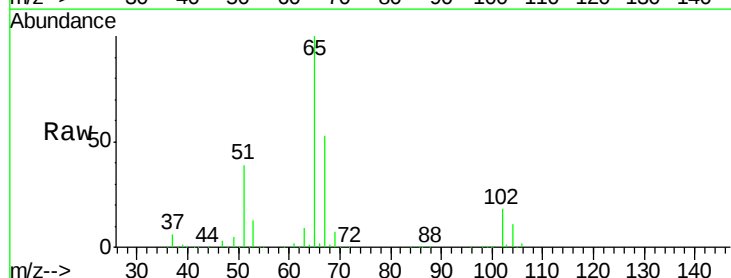
Acq: 13 Jun 2018 02:38

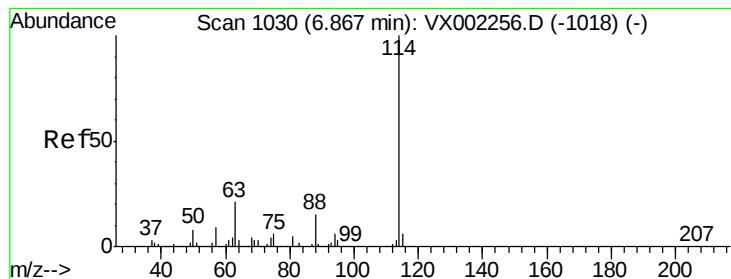
Tgt Ion: 65 Resp: 157359

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002490.D

Acq: 13 Jun 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

SB-51(0-5)

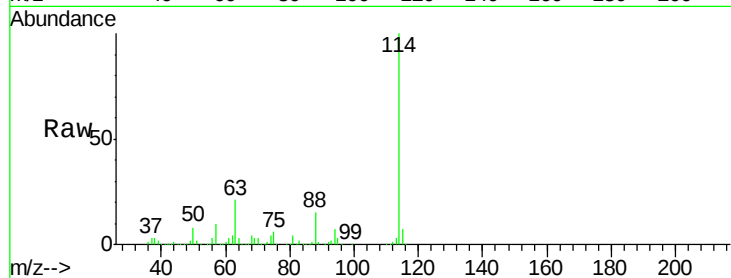
Tot Ion:114 Resp: 318035

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

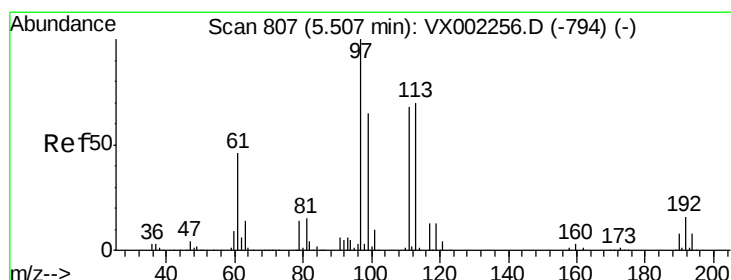
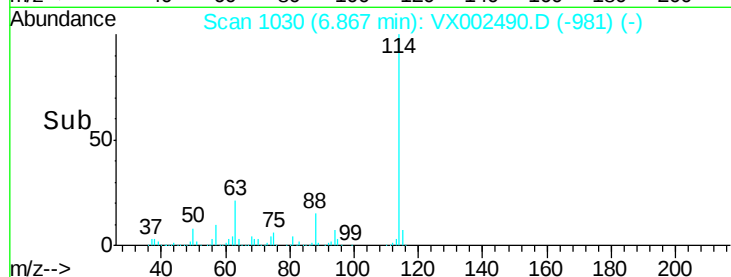
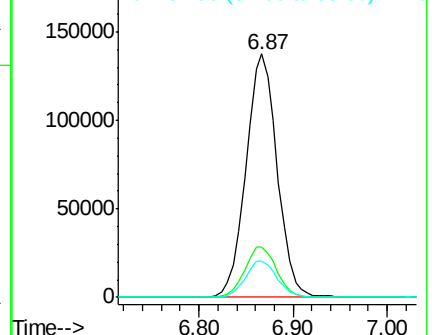
88 14.8 0.0 30.0



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: 46.212 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002490.D

Acq: 13 Jun 2018 02:38

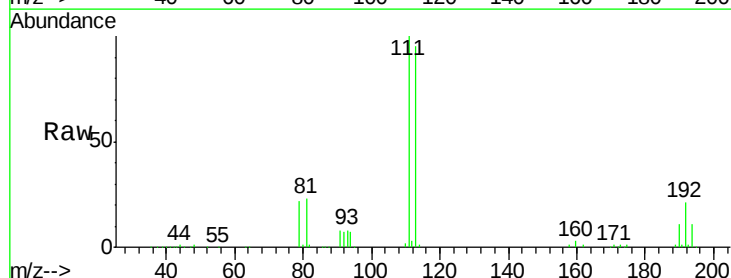
Tgt Ion:113 Resp: 115579

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

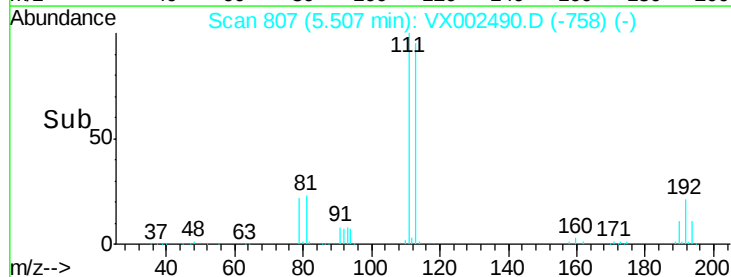
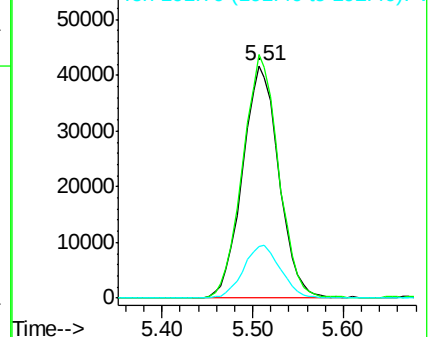
192 23.2 19.1 28.7

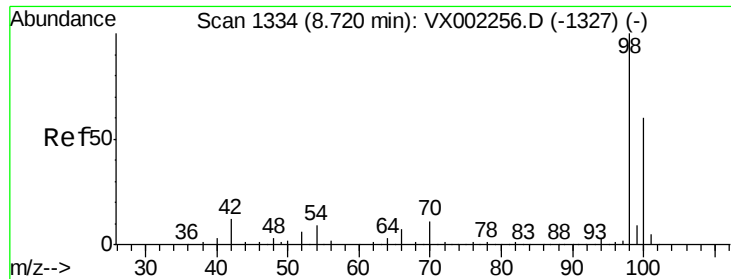


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.605 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002490.D

Acq: 13 Jun 2018 02:38

Instrument :

MSVOA_X

ClientSampleId :

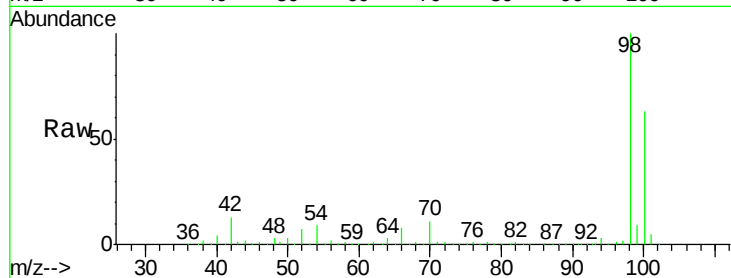
SB-51(0-5)

Tot Ion: 98 Resp: 465950

Ion Ratio Lower Upper

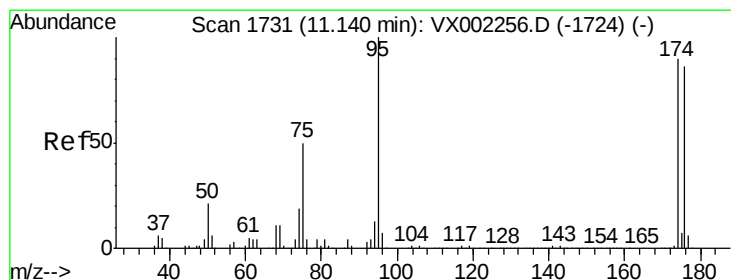
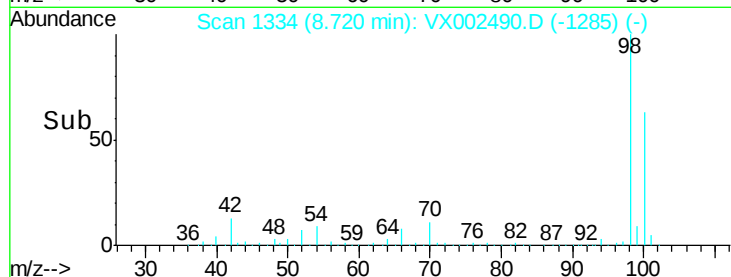
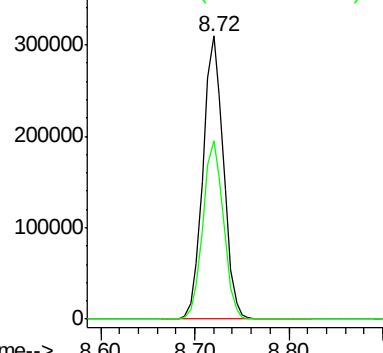
98 100

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



#62

4-Bromofluorobenzene

Concen: 44.341 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002490.D

Acq: 13 Jun 2018 02:38

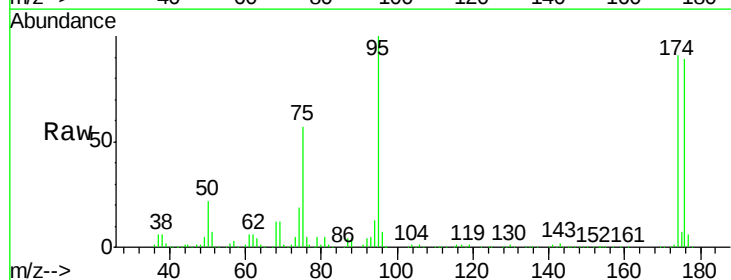
Tgt Ion: 95 Resp: 163914

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.4

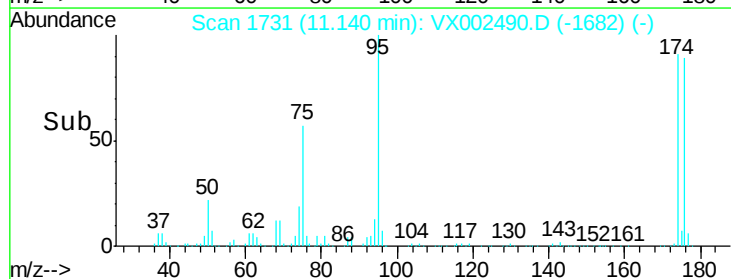
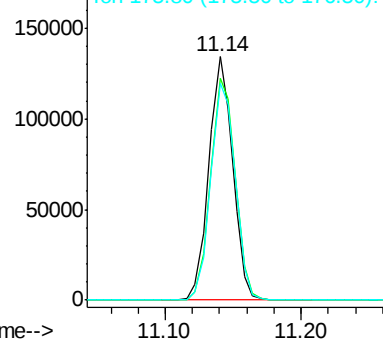
176 91.9 0.0 181.0

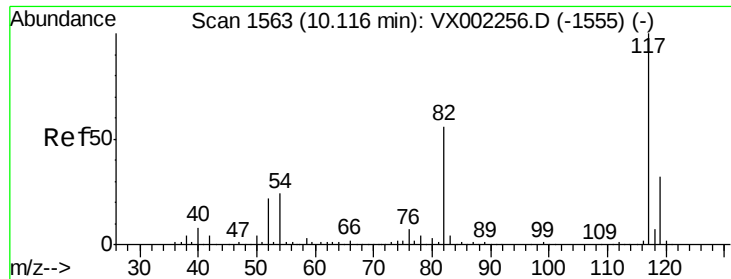


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

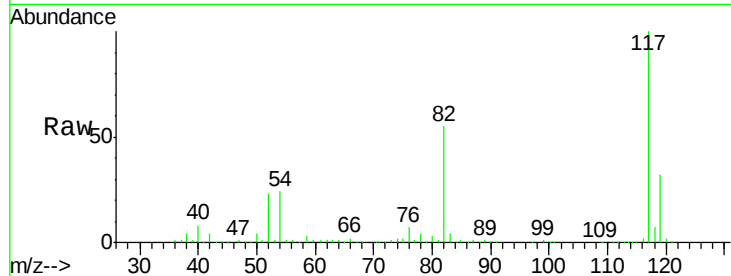




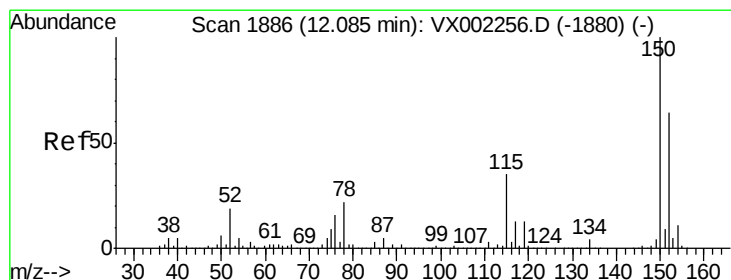
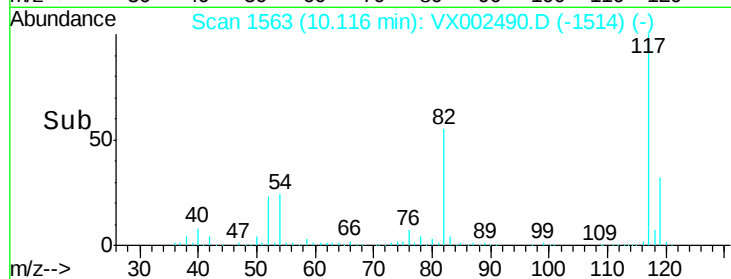
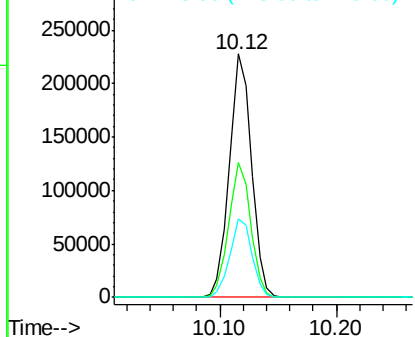
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002490.D
Acq: 13 Jun 2018 02:38

Instrument :
MSVOA_X
ClientSampleId :
SB-51(0-5)

Tot Ion:117 Resp: 302721
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.3 25.8 38.6

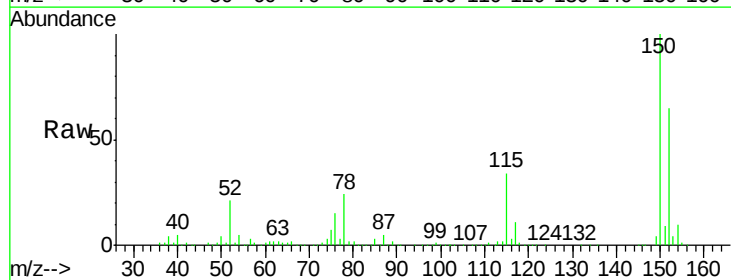


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002490.D
Acq: 13 Jun 2018 02:38

Tgt Ion:152 Resp: 175780
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 155.4 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

