

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002488.D
 Acq On : 13 Jun 2018 01:44
 Operator : JC/MD
 Sample : J3444-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-45(0-5)

Quant Time: Jun 13 03:53:46 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

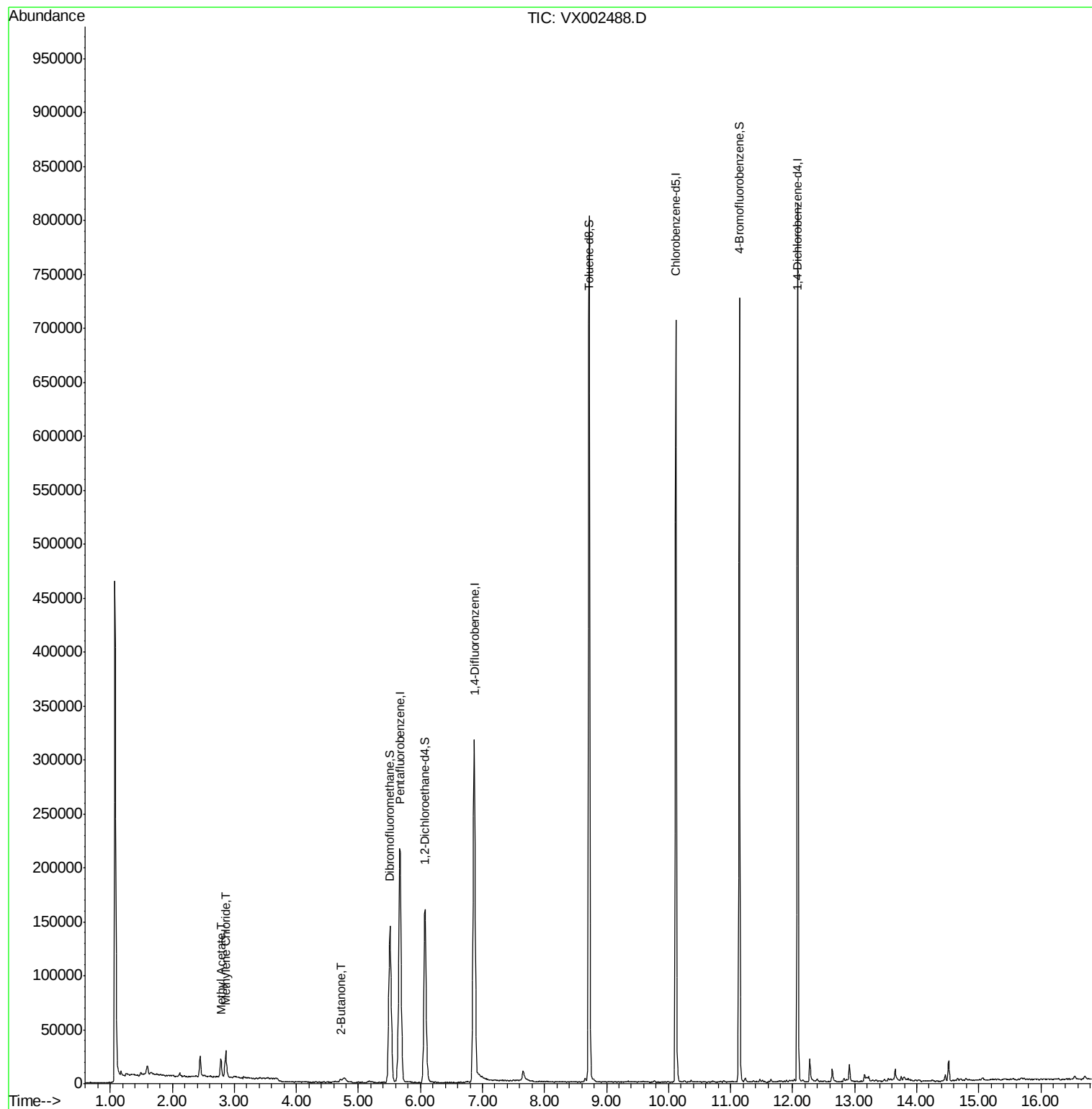
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	169879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153427	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	5.51	113	115388	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	8.72	98	457155	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	162473	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
Target Compounds						
18) Methyl Acetate	2.78	43	20820	4.363	ug/l	99
20) Methylene Chloride	2.86	84	10973	1.900	ug/l	90
25) 2-Butanone	4.71	43	5109	2.448	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002488.D

Acq: 13 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

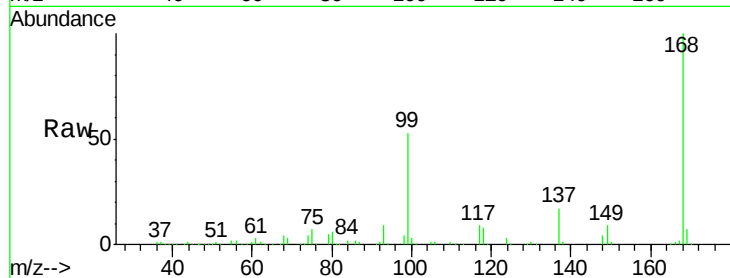
SB-45(0-5)

Tot Ion:168 Resp: 212886

Ion Ratio Lower Upper

168 100

99 52.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

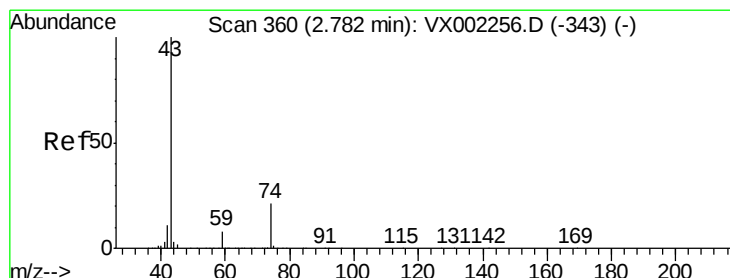
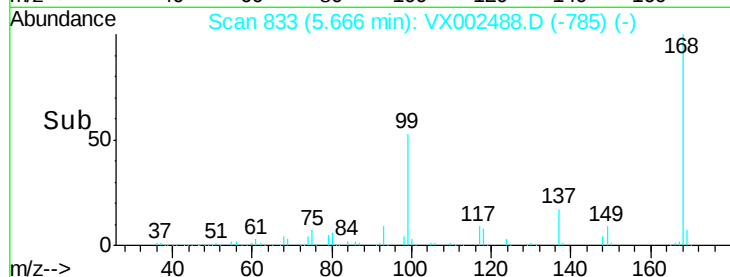
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.363 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002488.D

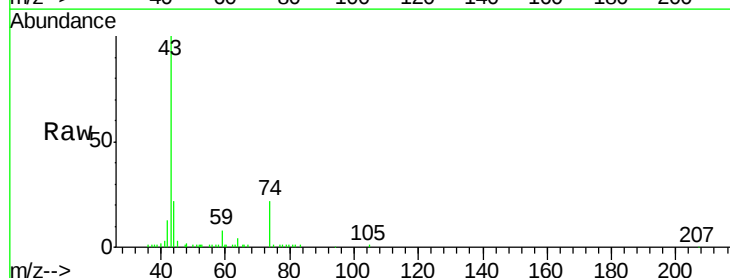
Acq: 13 Jun 2018 01:44

Tgt Ion: 43 Resp: 20820

Ion Ratio Lower Upper

43 100

74 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

12000

10000

8000

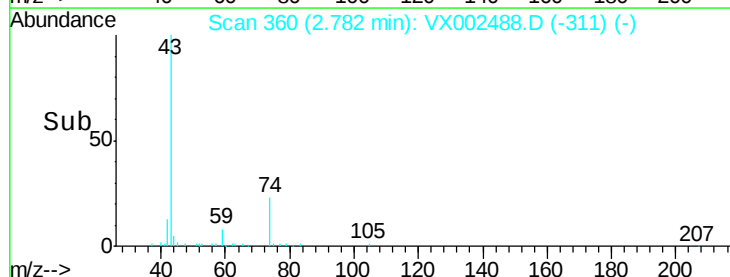
6000

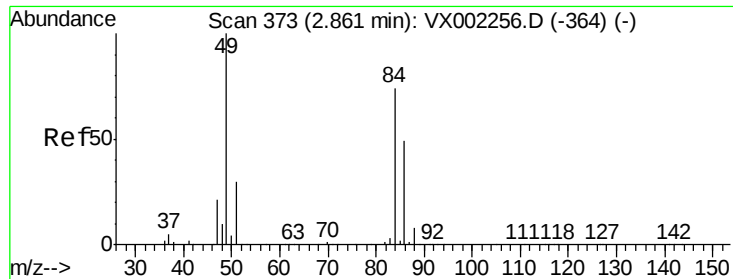
4000

2000

0

Time--> 2.70 2.80





#20

Methylene Chloride

Concen: 1.900 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002488.D

Acq: 13 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampled :

SB-45(0-5)

Tot Ion: 84 Resp: 10973

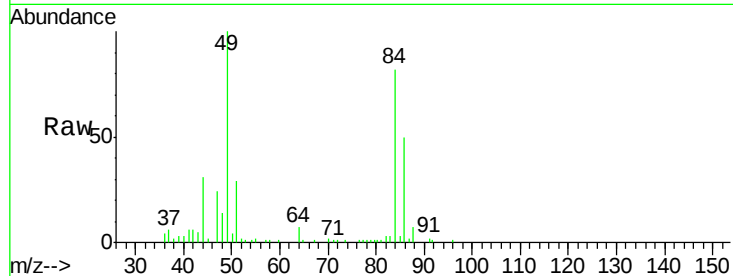
Ion Ratio Lower Upper

84 100

49 121.7 107.8 161.6

51 34.0 32.8 49.2

86 60.6 52.5 78.7

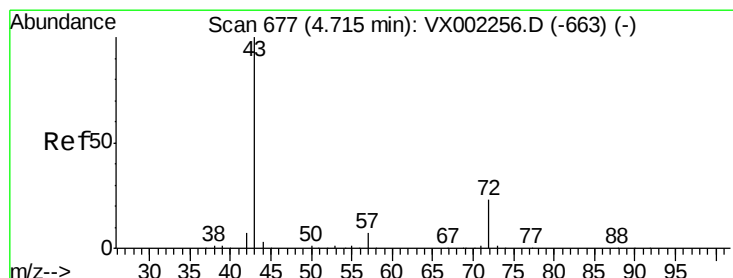
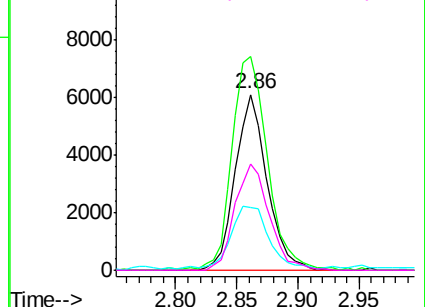
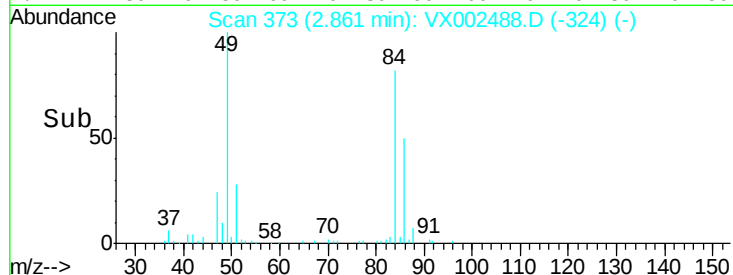


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 2.448 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002488.D

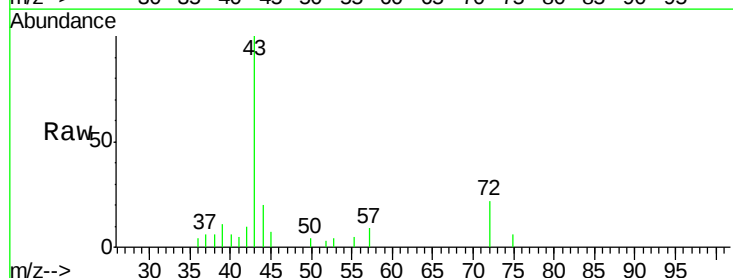
Acq: 13 Jun 2018 01:44

Tgt Ion: 43 Resp: 5109

Ion Ratio Lower Upper

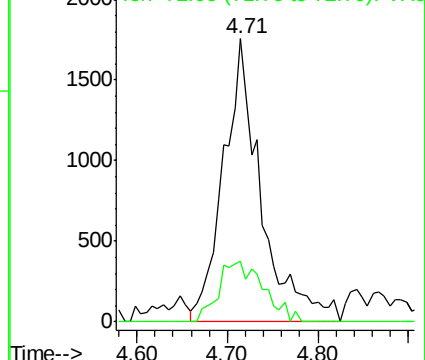
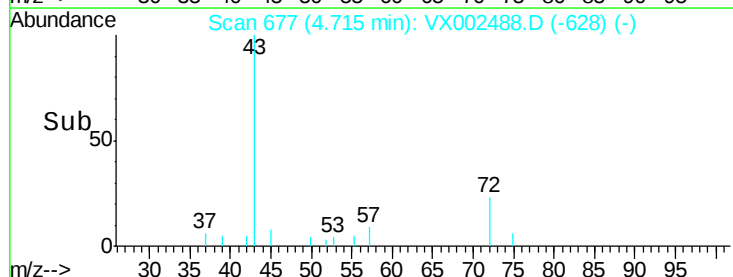
43 100

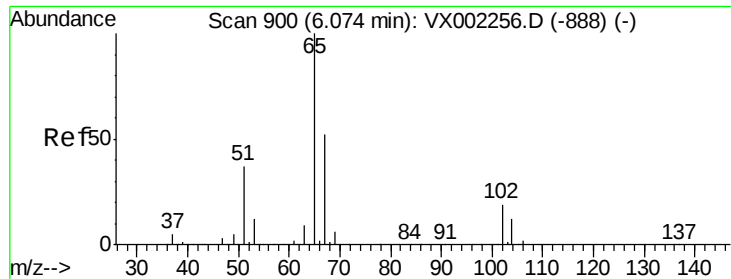
72 21.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.428 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002488.D

Acq: 13 Jun 2018 01:44

Instrument :

MSVOA_X

ClientSampleId :

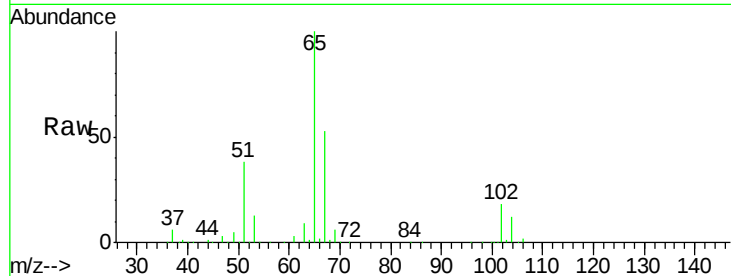
SB-45(0-5)

Tot Ion: 65 Resp: 153427

Ion Ratio Lower Upper

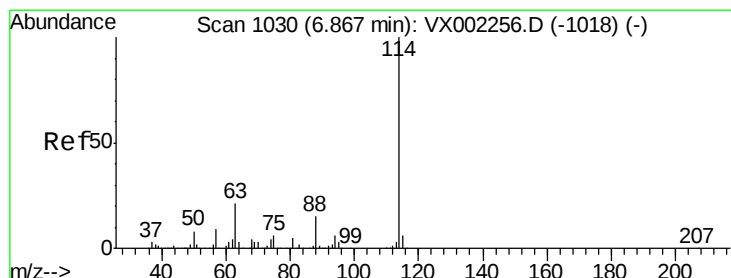
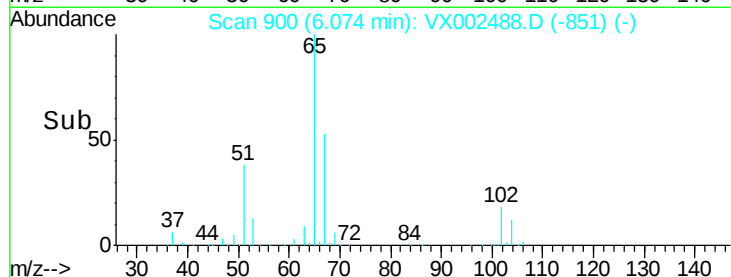
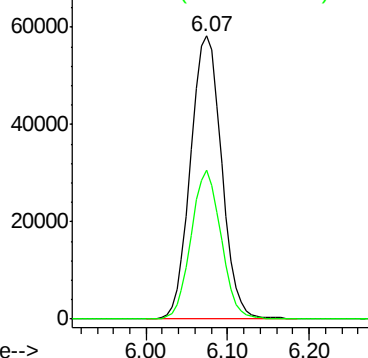
65 100

67 50.7 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: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002488.D

Acq: 13 Jun 2018 01:44

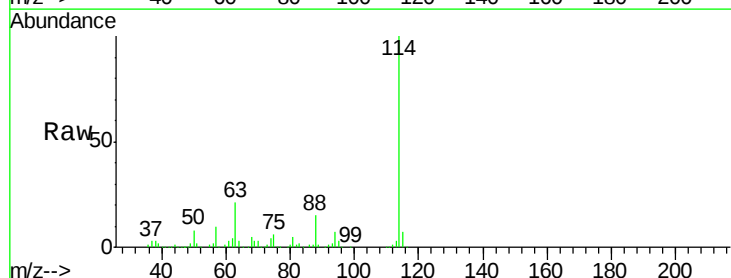
Tgt Ion: 114 Resp: 311663

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

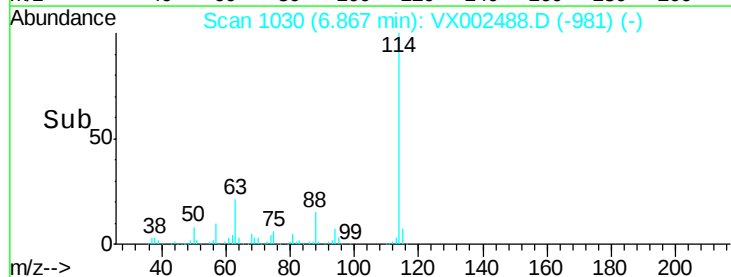
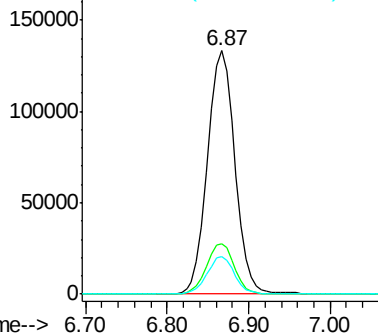
88 15.3 0.0 30.0

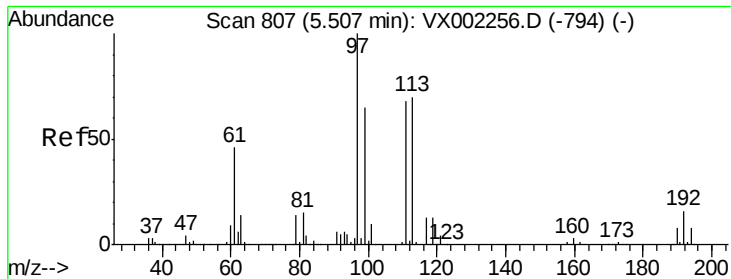


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

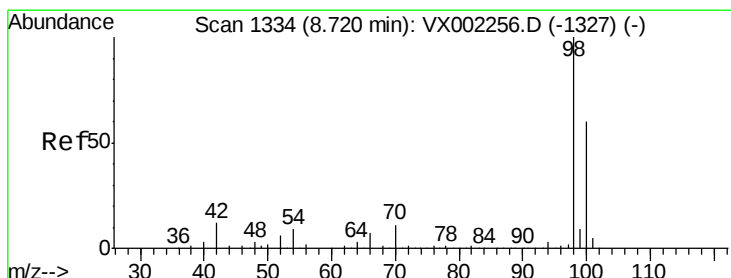
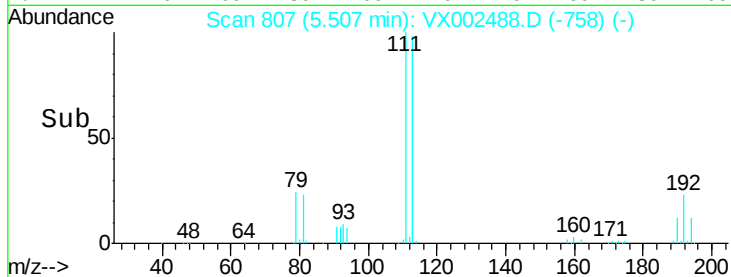
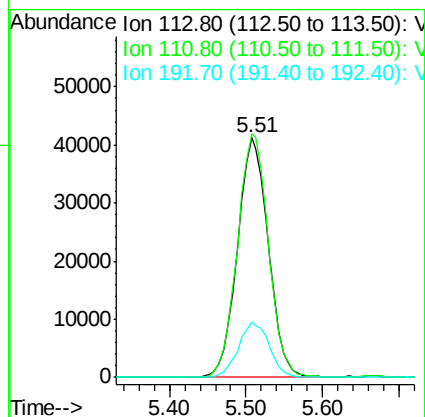
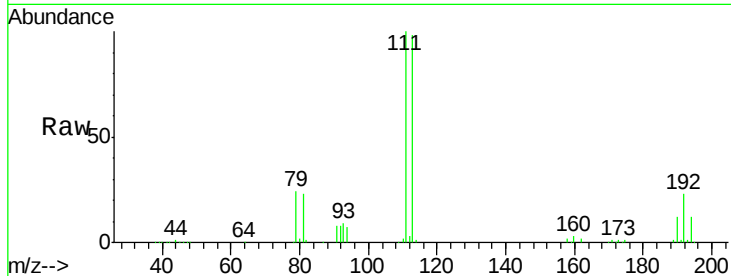




#35
 Dibromofluoromethane
 Concen: 47.079 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002488.D
 Acq: 13 Jun 2018 01:44

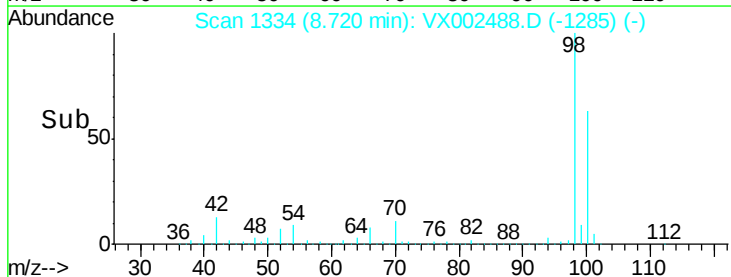
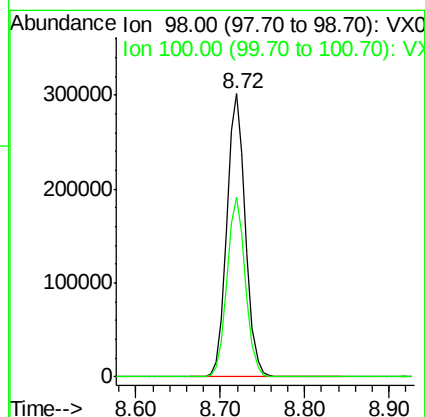
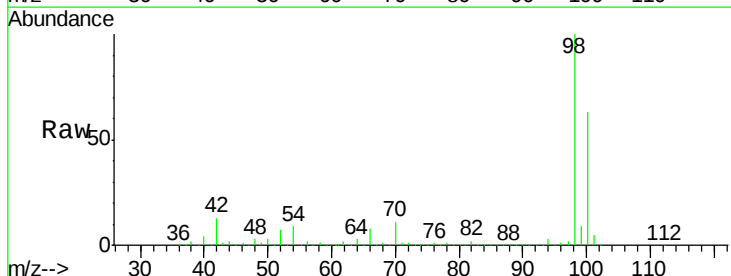
Instrument :
 MSVOA_X
 ClientSampled :
 SB-45(0-5)

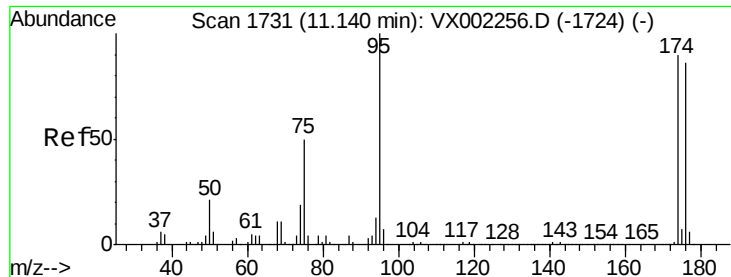
Tot Ion:113 Resp: 115388
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 22.9 19.1 28.7



#50
 Toluene-d8
 Concen: 48.663 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002488.D
 Acq: 13 Jun 2018 01:44

Tgt Ion: 98 Resp: 457155
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3

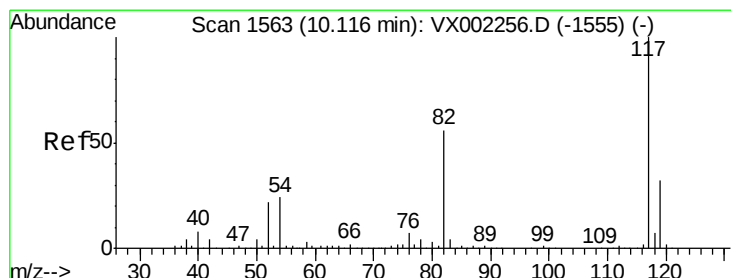
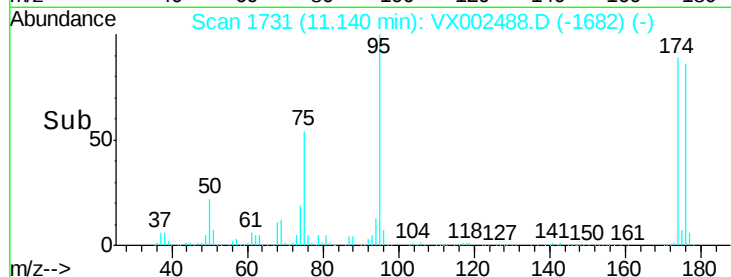
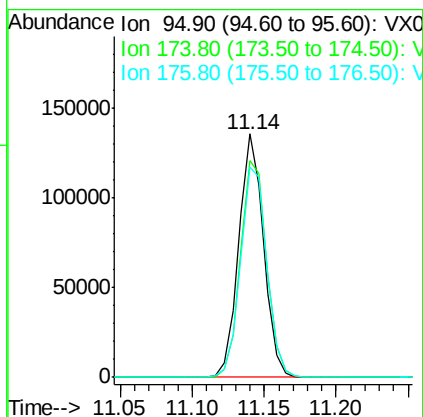
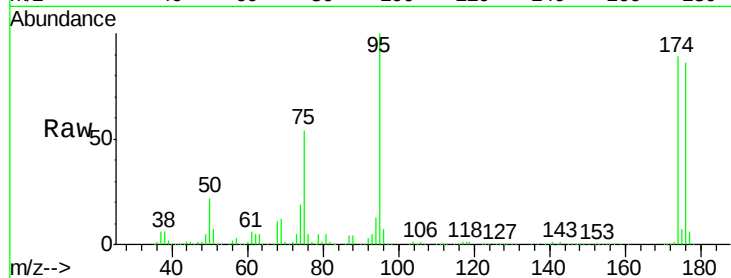




#62
4-Bromofluorobenzene
Concen: 44.850 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002488.D
Acq: 13 Jun 2018 01:44

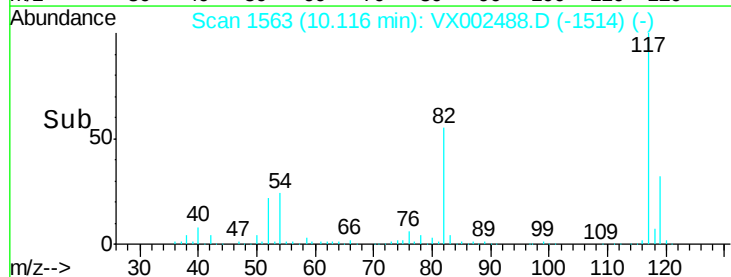
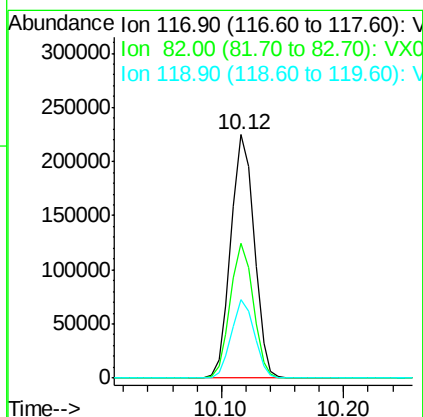
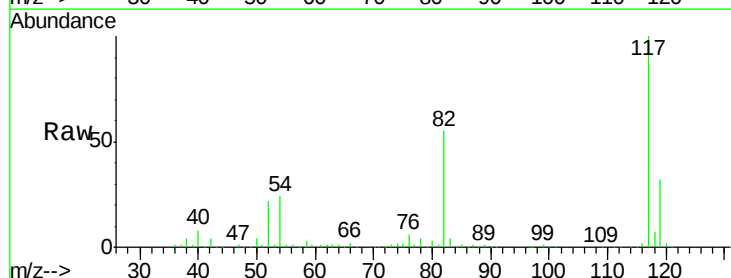
Instrument :
MSVOA_X
ClientSampleId :
SB-45(0-5)

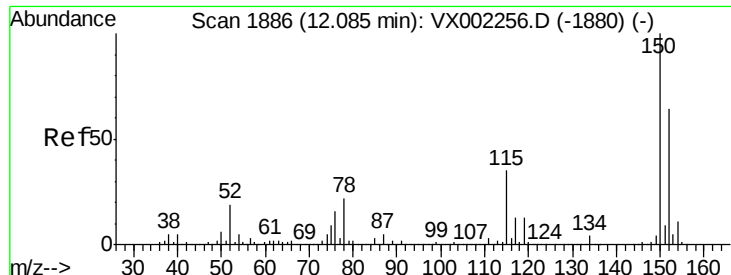
Tot Ion: 95 Resp: 162473
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 91.1 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002488.D
Acq: 13 Jun 2018 01:44

Tgt Ion: 117 Resp: 297216
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.2 25.8 38.6

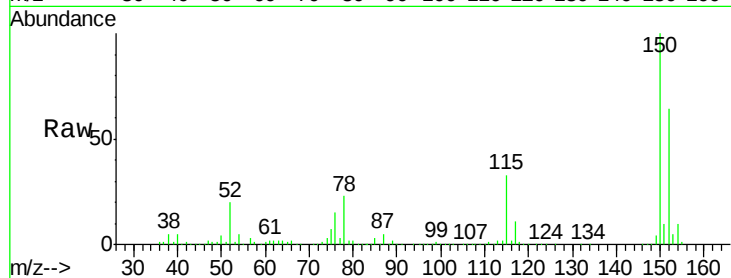




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002488.D
 Acq: 13 Jun 2018 01:44

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-45(0-5)

Tot Ion:152 Resp: 169879
 Ion Ratio Lower Upper
 152 100
 115 54.7 40.1 120.2
 150 158.2 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

