

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002075.D
 Acq On : 27 May 2018 18:11
 Operator : JC/MD
 Sample : J2679-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 04:13:16 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

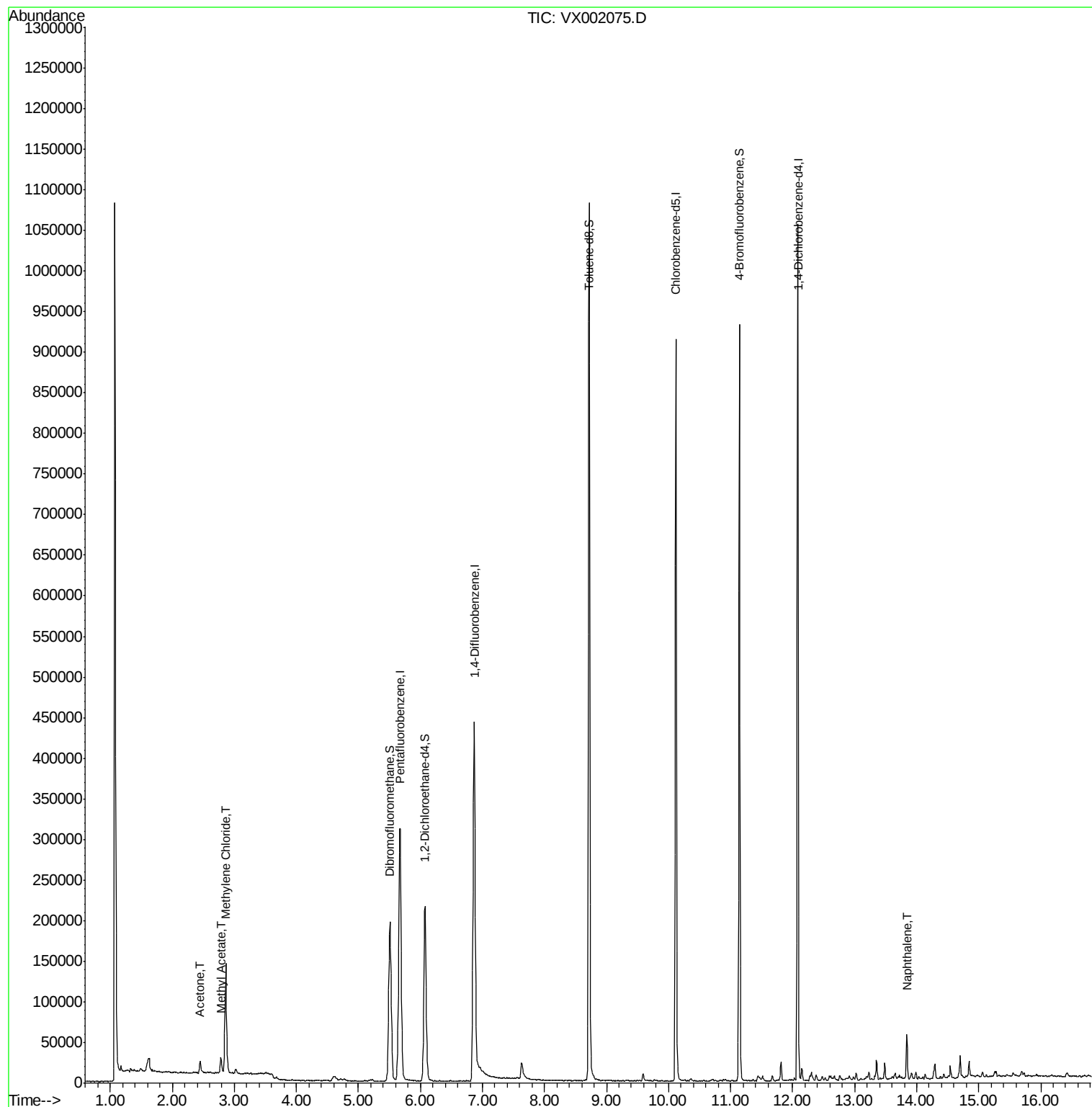
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	442996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207254	36.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.38%	
35) Dibromofluoromethane	5.51	113	160462	36.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.44%	
50) Toluene-d8	8.72	98	632491	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
62) 4-Bromofluorobenzene	11.14	95	225819	35.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.98%	
Target Compounds						
16) Acetone	2.45	43	16145	7.31	ug/l	96
18) Methyl Acetate	2.78	43	23109	3.28	ug/l	100
20) Methylene Chloride	2.86	84	62307	15.12	ug/l	100
95) Naphthalene	13.84	128	33266	1.63	ug/l	98

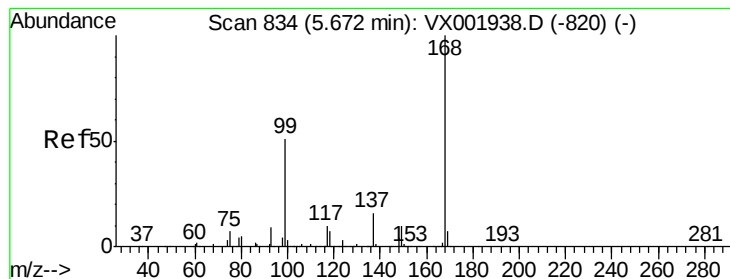
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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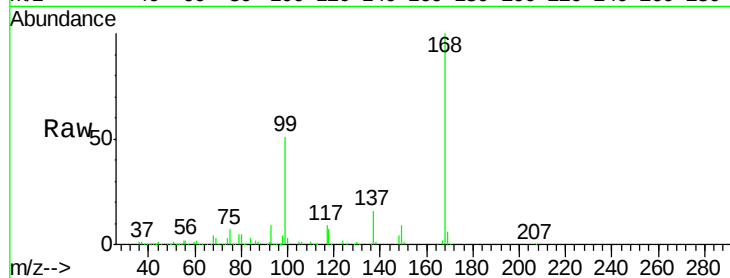


#1

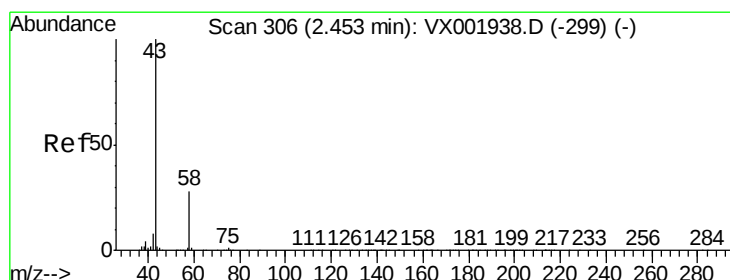
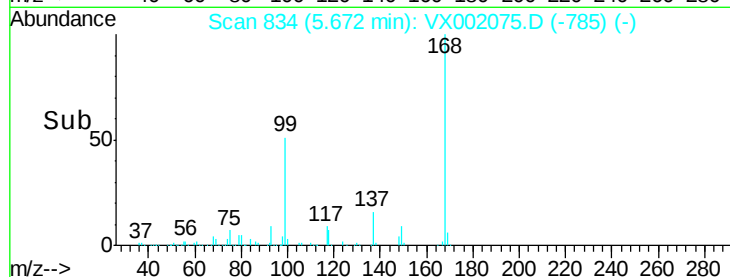
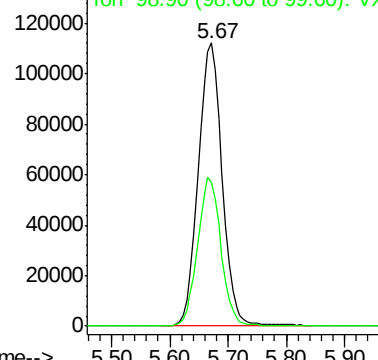
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: VX002075.D
 Acq: 27 May 2018 18:11

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 320345
 Ion Ratio Lower Upper
 168 100
 99 50.6 41.0 61.4



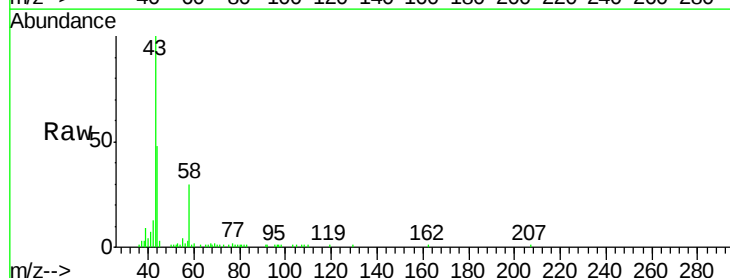
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



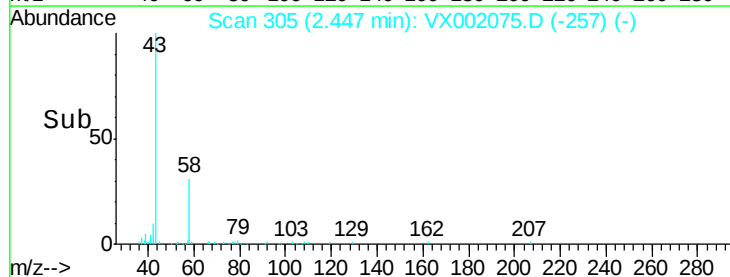
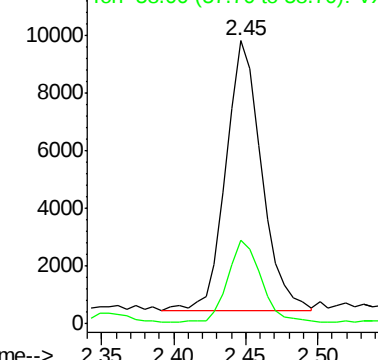
#16

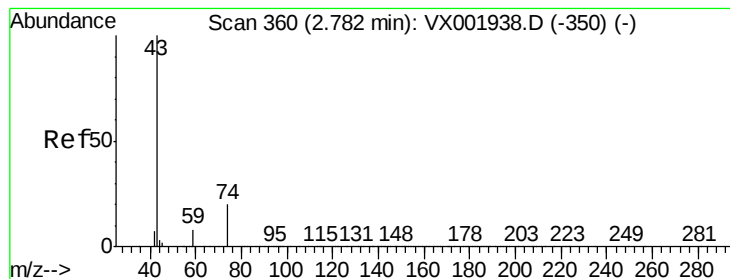
Acetone
 Concen: 7.31 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002075.D
 Acq: 27 May 2018 18:11

Tgt Ion: 43 Resp: 16145
 Ion Ratio Lower Upper
 43 100
 58 30.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 3.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002075.D

Acq: 27 May 2018 18:11

Instrument :

MSVOA_X

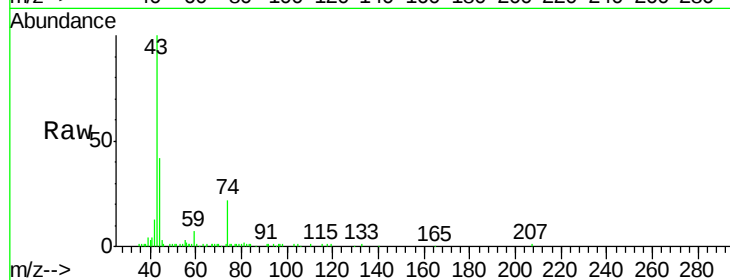
ClientSampled :

Tot Ion: 43 Resp: 23109

Ion Ratio Lower Upper

43 100

74 20.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

10000

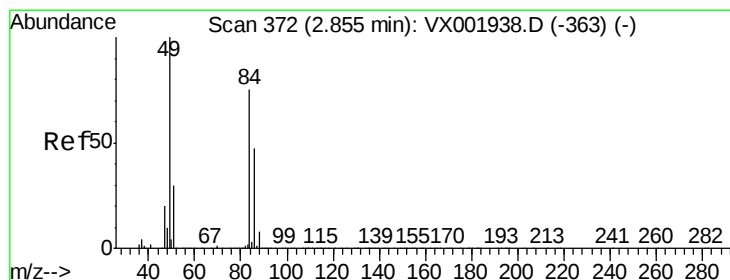
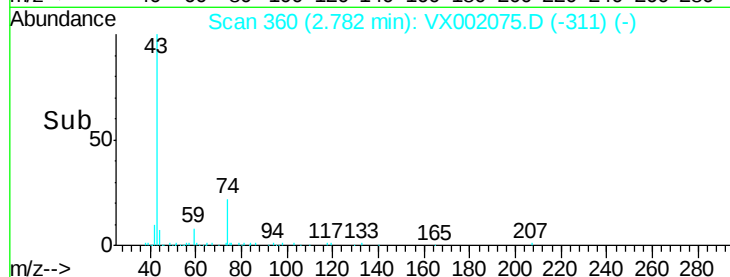
5000

0

Time-->

2.70 2.75 2.80 2.85

2.78



#20

Methylene Chloride

Concen: 15.12 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002075.D

Acq: 27 May 2018 18:11

Tgt Ion: 84 Resp: 62307

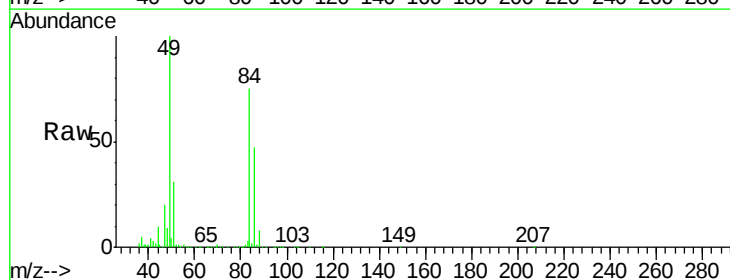
Ion Ratio Lower Upper

84 100

49 134.2 107.2 160.8

51 41.4 32.4 48.6

86 62.7 50.4 75.6



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

60000

40000

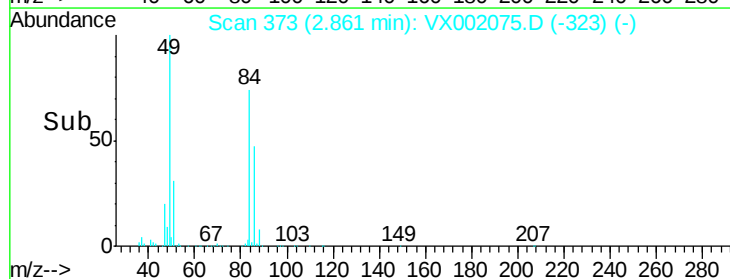
20000

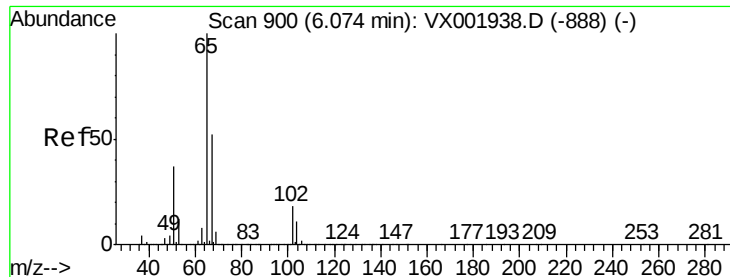
0

Time-->

2.80 2.90 3.00

2.86

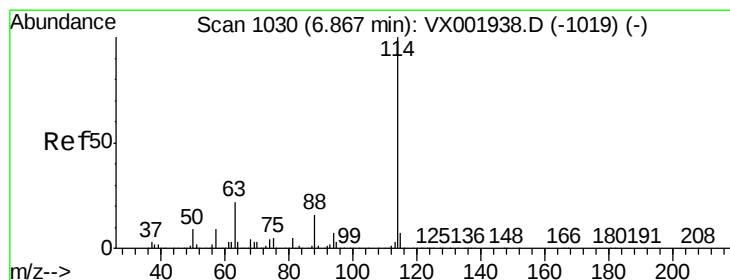
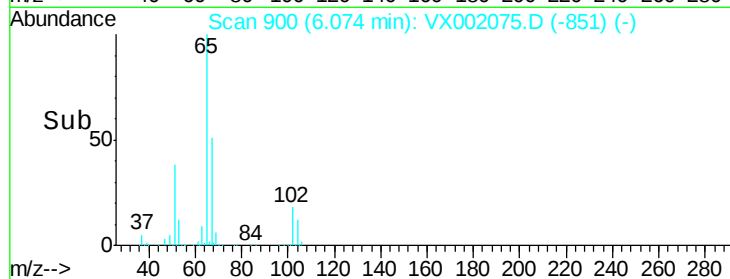
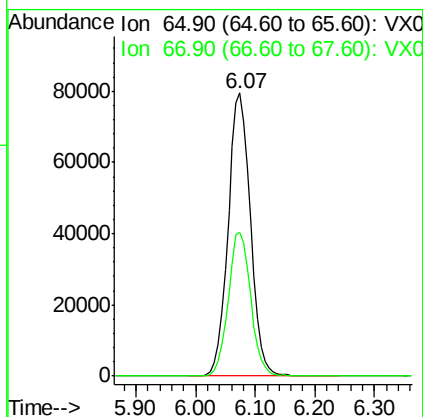
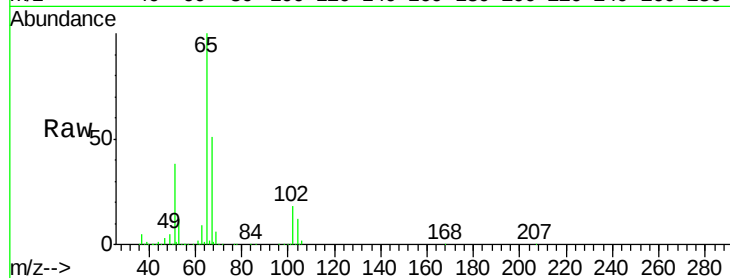




#33
 1,2-Dichloroethane-d4
 Concen: 36.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002075.D
 Acq: 27 May 2018 18:11

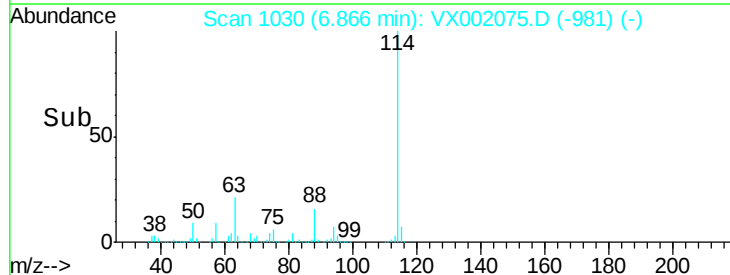
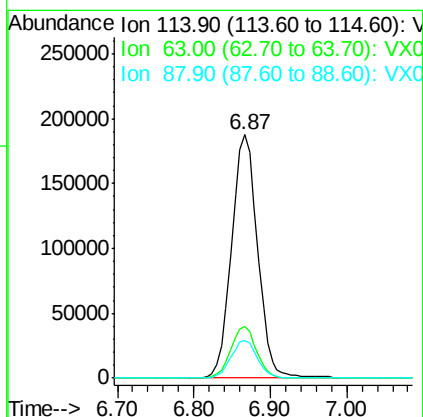
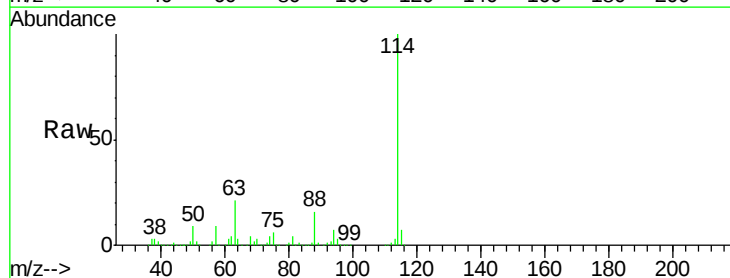
Instrument :
 MSVOA_X
 ClientSampleId :

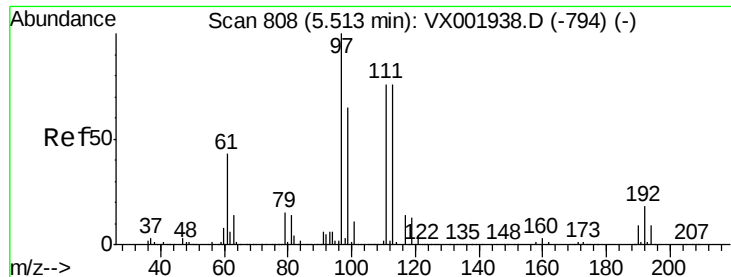
Tot Ion: 65 Resp: 207254
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002075.D
 Acq: 27 May 2018 18:11

Tgt Ion: 114 Resp: 442996
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.6 0.0 31.6

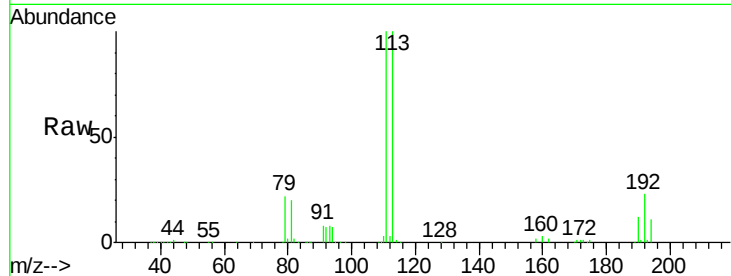




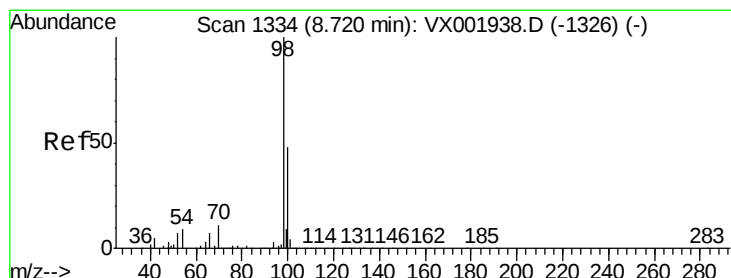
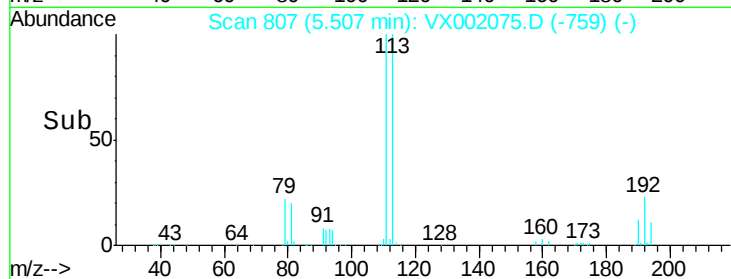
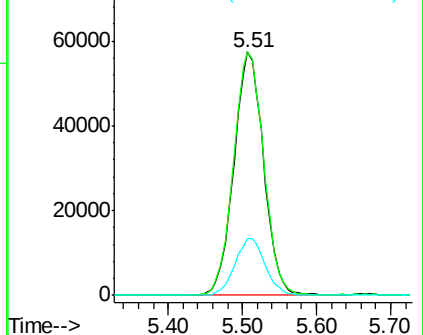
#35
Dibromofluoromethane
Concen: 36.22 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002075.D
Acq: 27 May 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.7	18.9	28.3

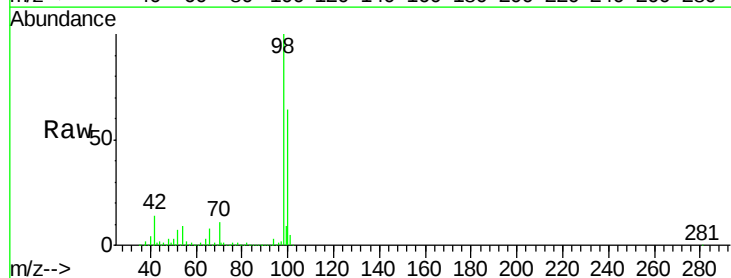


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

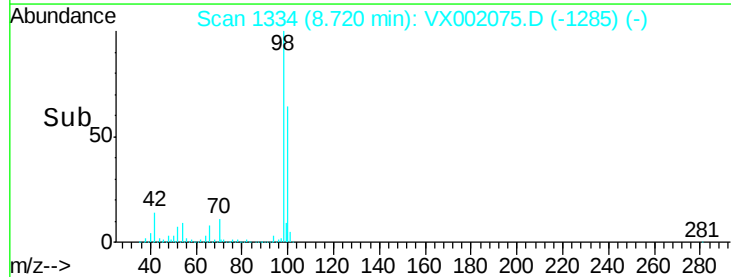
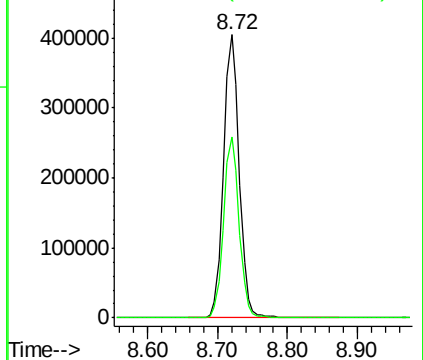


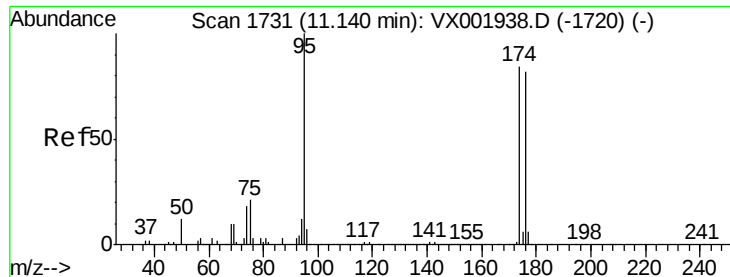
#50
Toluene-d8
Concen: 39.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002075.D
Acq: 27 May 2018 18:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 35.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002075.D

Acq: 27 May 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

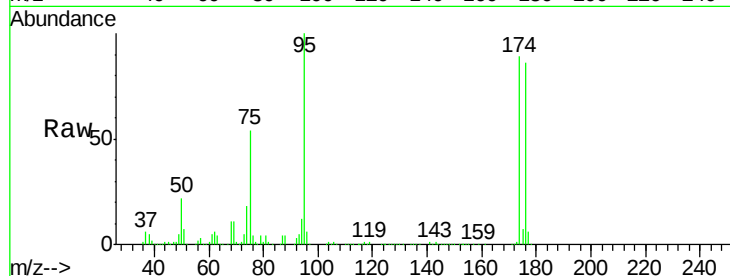
Tot Ion: 95 Resp: 225819

Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.8

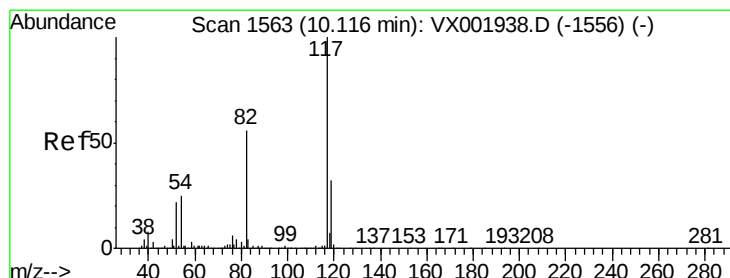
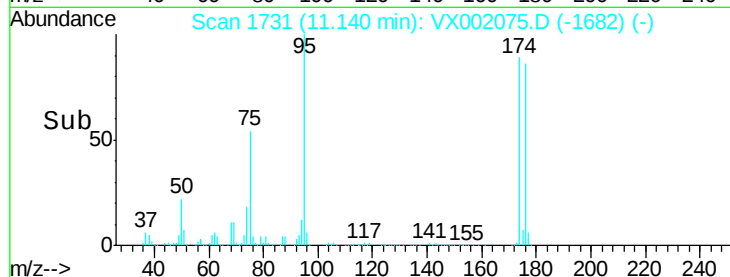
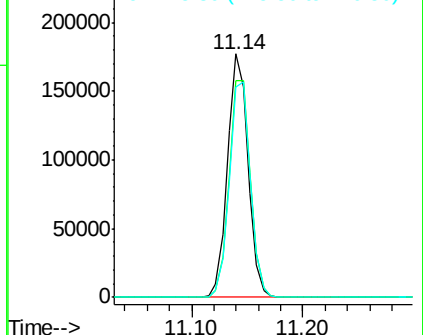
176 90.8 0.0 175.6



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# 1563

Delta R.T. -0.00 min

Lab File: VX002075.D

Acq: 27 May 2018 18:11

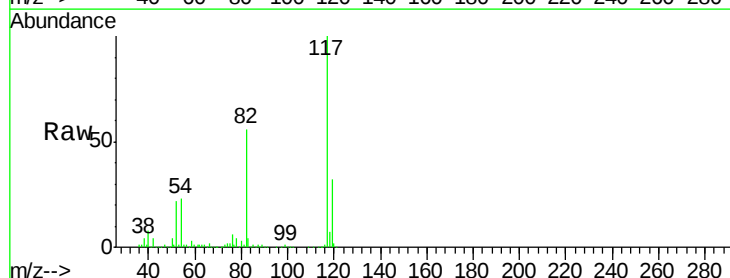
Tgt Ion: 117 Resp: 401658

Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

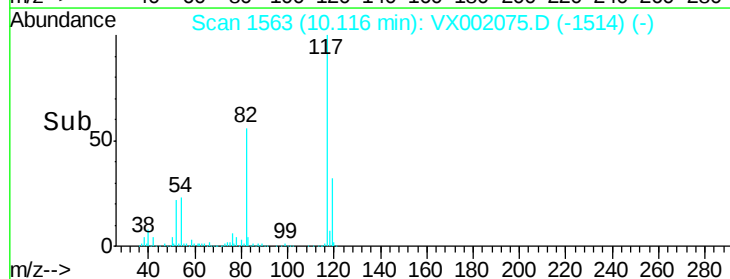
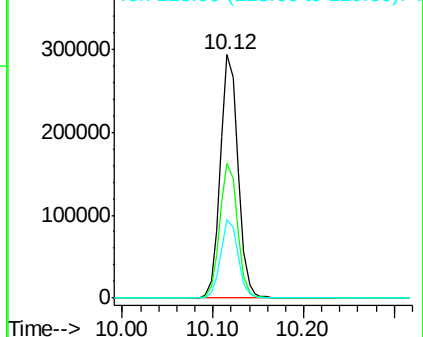
119 32.1 25.5 38.3

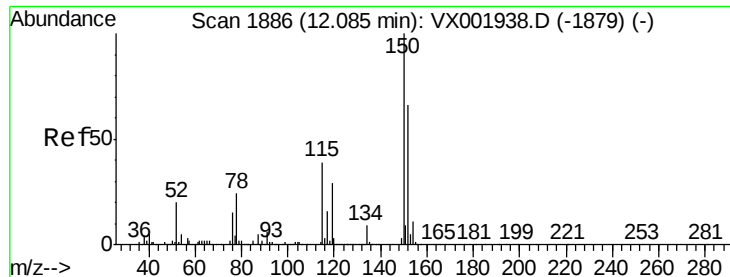


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX002075.D

Acq: 27 May 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

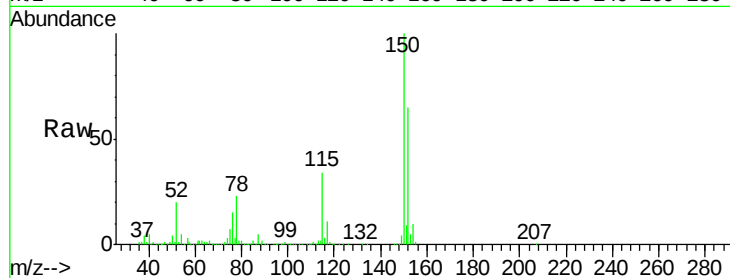
Tot Ion:152 Resp: 225931

Ion Ratio Lower Upper

152 100

115 54.5 42.3 126.8

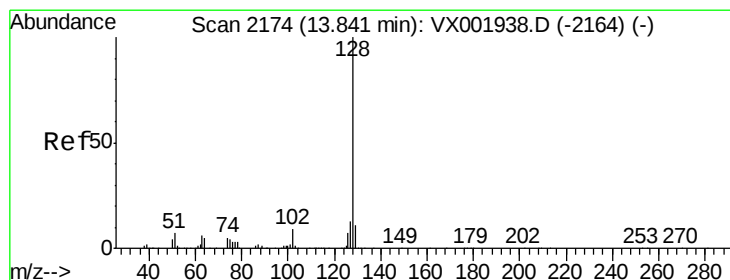
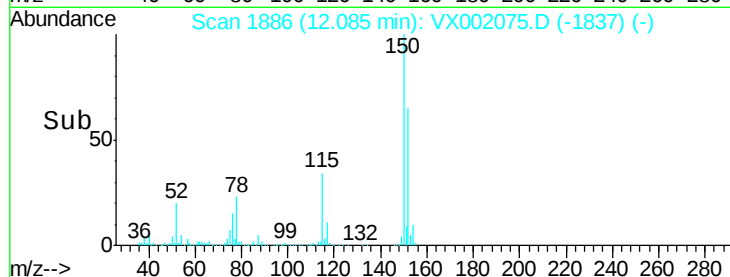
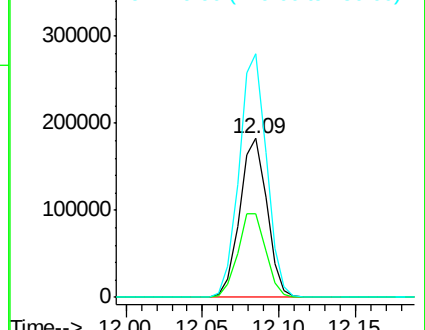
150 153.5 0.0 351.0



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



#95

Naphthalene

Concen: 1.63 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002075.D

Acq: 27 May 2018 18:11

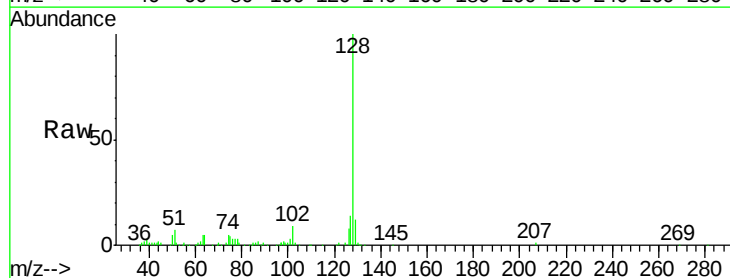
Tgt Ion:128 Resp: 33266

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 11.8 8.8 13.2



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

