

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000854.D
 Acq On : 13 Apr 2018 17:16
 Operator : JC/MD
 Sample : J2335-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1

Quant Time: Apr 14 05:29:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197838	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	146389	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	5.51	113	119623	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
50) Toluene-d8	8.72	98	460505	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.15	95	177957	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	

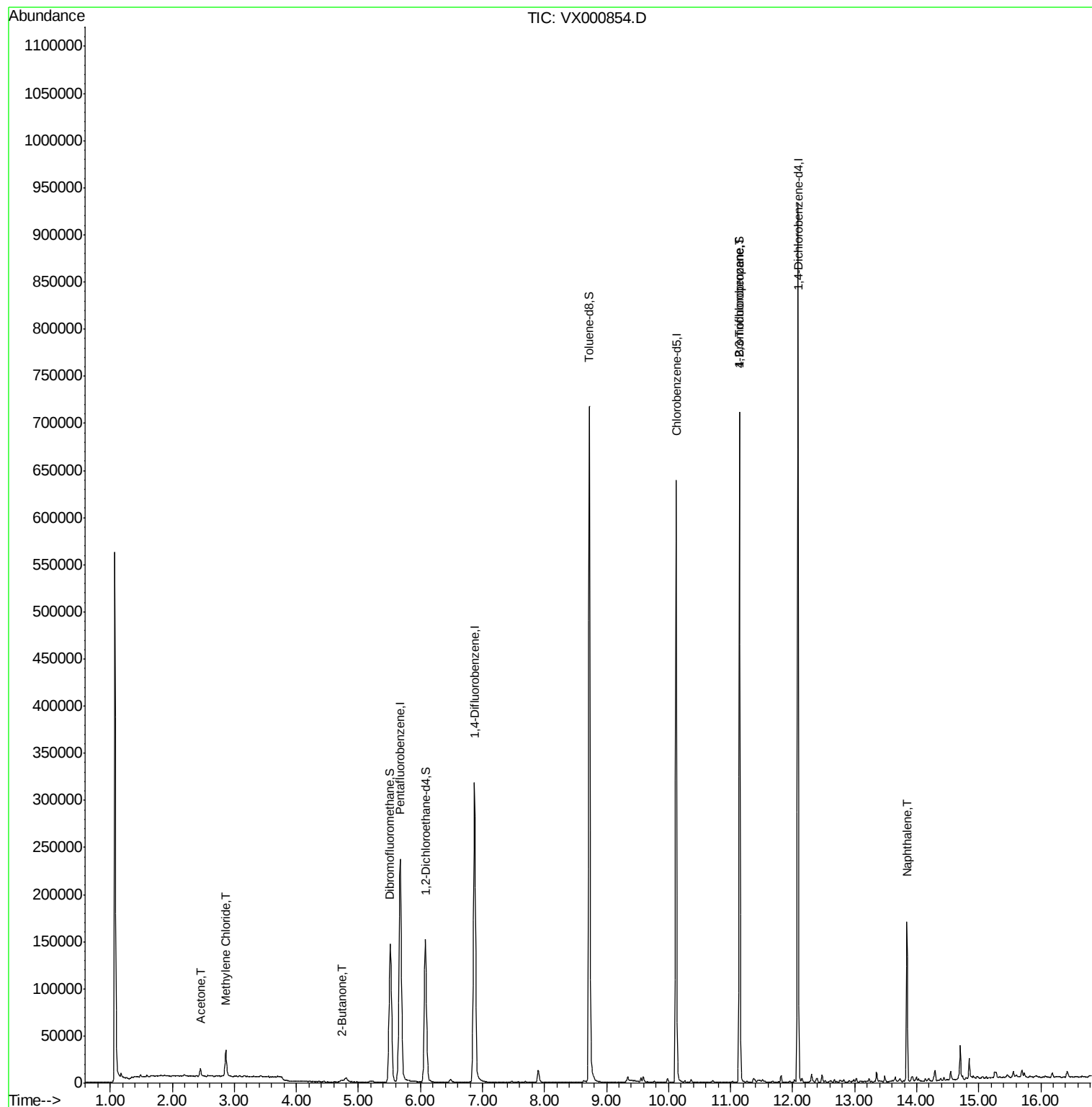
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	8928	8.06	ug/l	97
20) Methylene Chloride	2.86	84	12858	4.99	ug/l	93
25) 2-Butanone	4.73	43	3501	1.91	ug/l	91
76) 1,2,3-Trichloropropane	11.15	75	84897	24.88	ug/l #	36
95) Naphthalene	13.84	128	102130	7.09	ug/l	100

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000854.D

Acq: 13 Apr 2018 17:16

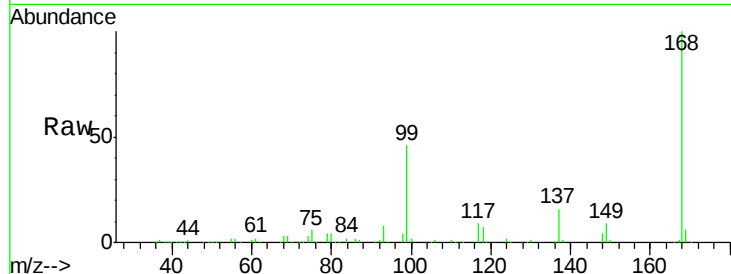
Instrument :
MSVOA_X
ClientSampled :
S1

Tot Ion:168 Resp: 254733

Ion Ratio Lower Upper

168 100

99 46.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

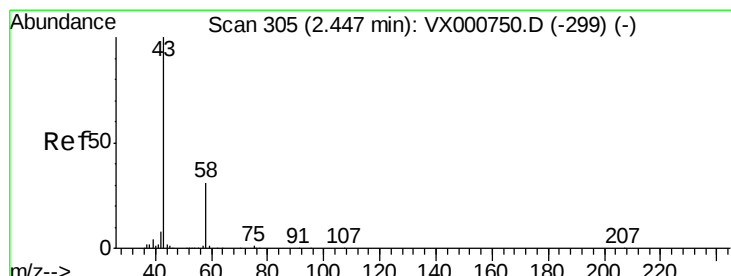
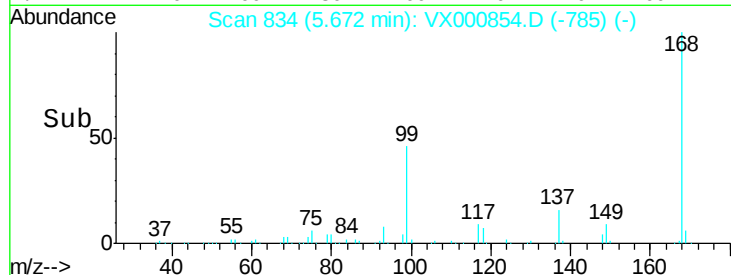
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.06 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000854.D

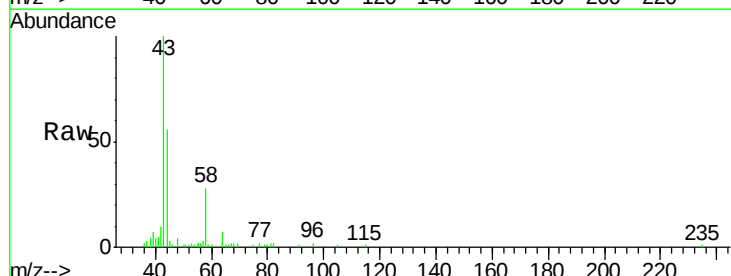
Acq: 13 Apr 2018 17:16

Tgt Ion: 43 Resp: 8928

Ion Ratio Lower Upper

43 100

58 29.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

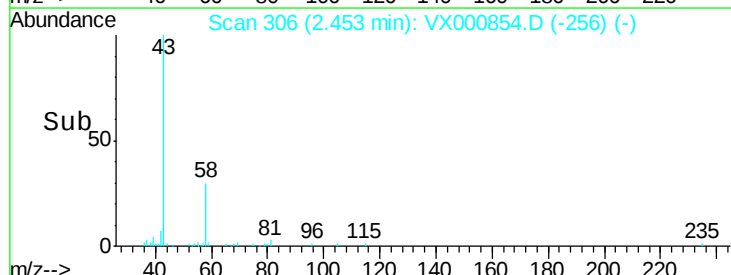
6000

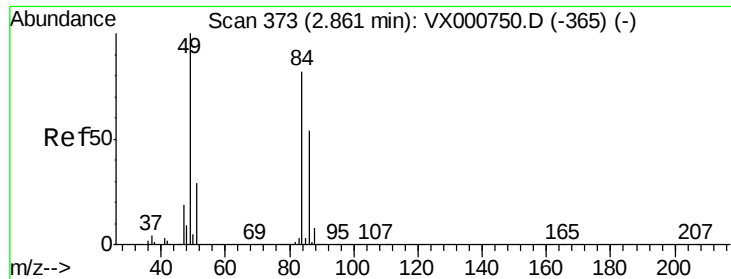
4000

2000

0

Time--> 2.40 2.45 2.50

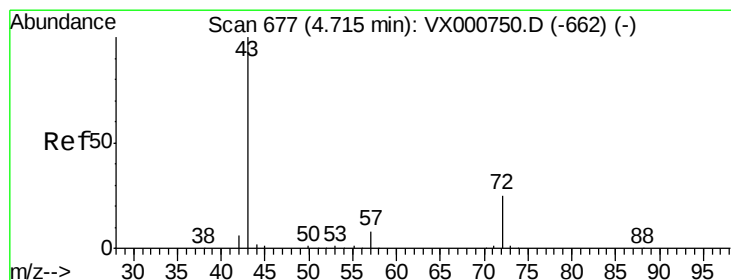
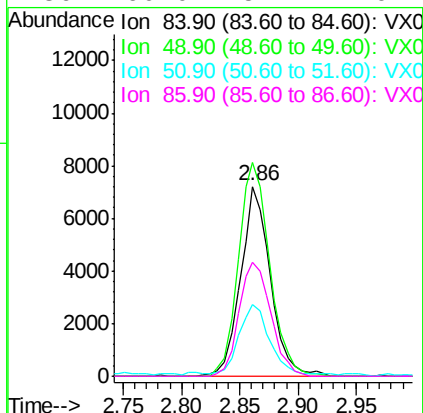
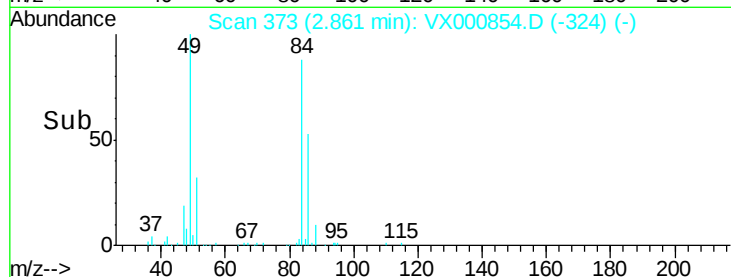
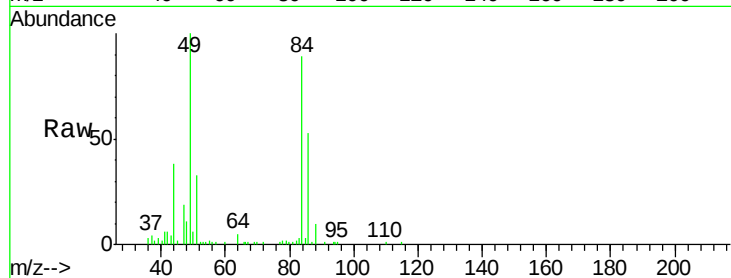




#20
Methylene Chloride
Concen: 4.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000854.D
Acq: 13 Apr 2018 17:16

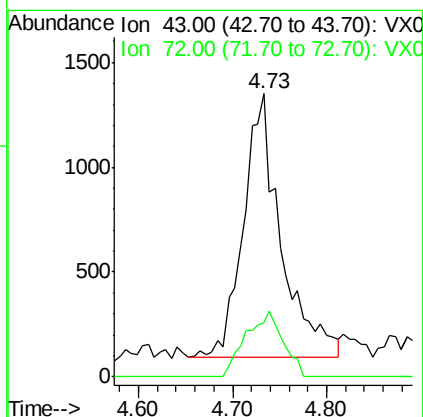
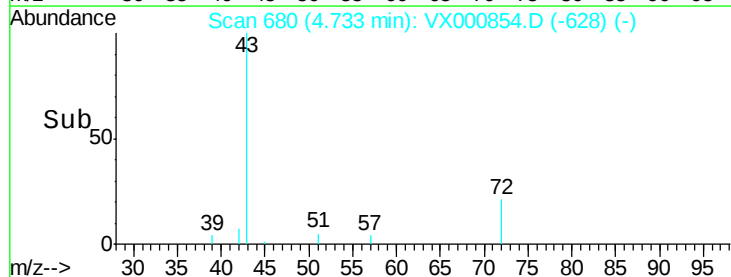
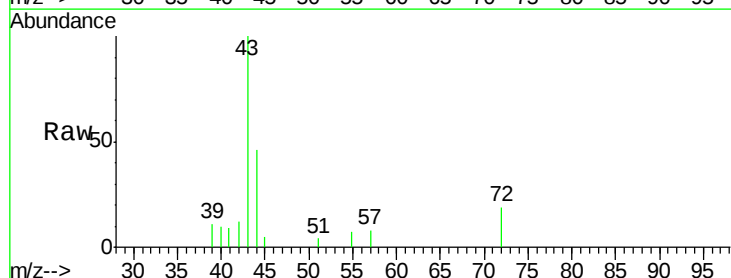
Instrument :
MSVOA_X
ClientSampled :
S1

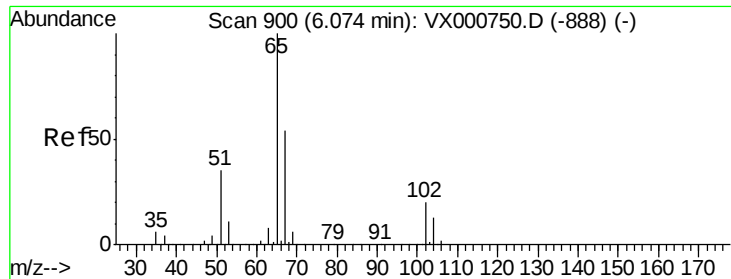
Tot Ion:	84	Resp:	12858
Ion	Ratio	Lower	Upper
84	100		
49	112.5	98.1	147.1
51	36.6	28.9	43.3
86	60.0	52.7	79.1



#25
2-Butanone
Concen: 1.91 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.02 min
Lab File: VX000854.D
Acq: 13 Apr 2018 17:16

Tgt Ion:	43	Resp:	3501
Ion	Ratio	Lower	Upper
43	100		
72	20.7	20.3	30.5





#33

1,2-Dichloroethane-d4

Concen: 45.58 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000854.D

Acq: 13 Apr 2018 17:16

Instrument :

MSVOA_X

ClientSampled :

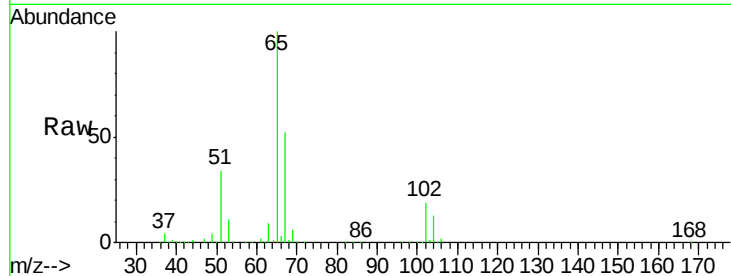
S1

Tot Ion: 65 Resp: 146389

Ion Ratio Lower Upper

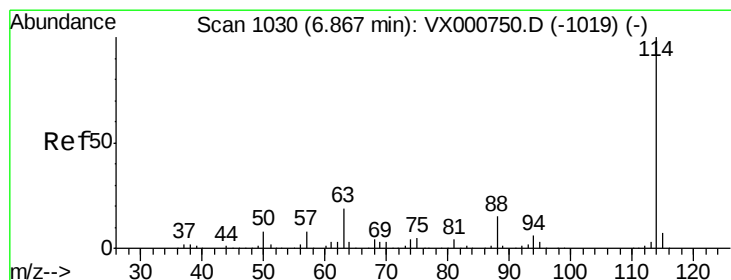
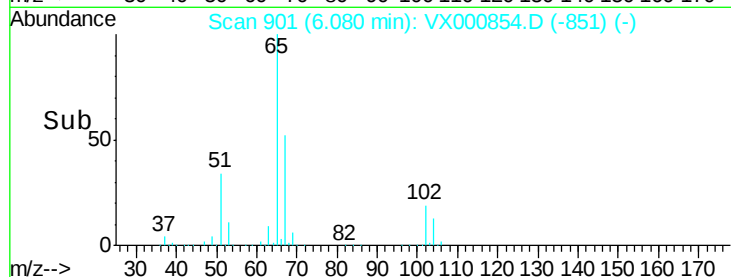
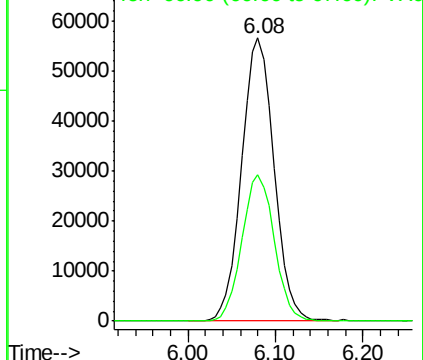
65 100

67 51.6 0.0 103.8



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: VX000854.D

Acq: 13 Apr 2018 17:16

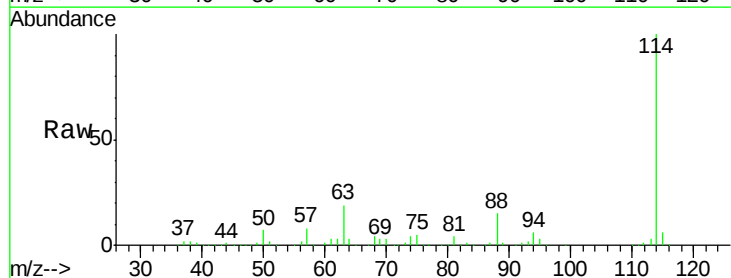
Tgt Ion: 114 Resp: 336052

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

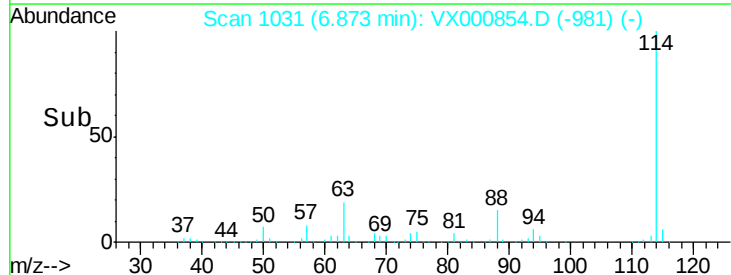
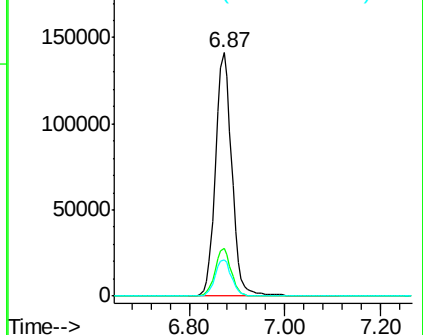
88 14.8 0.0 31.0

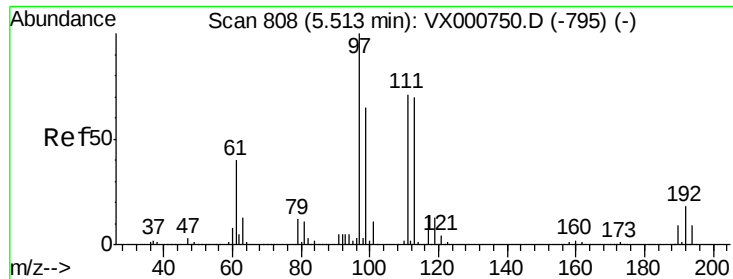


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

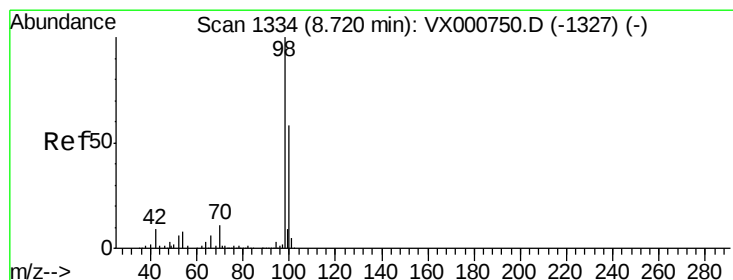
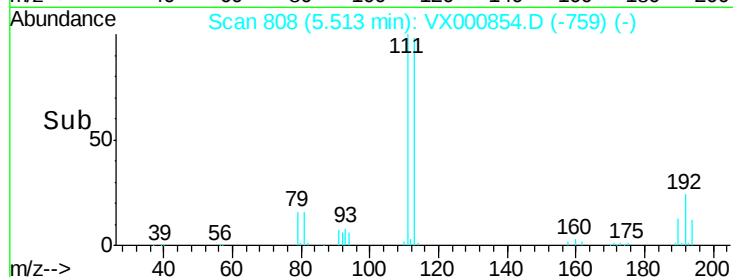
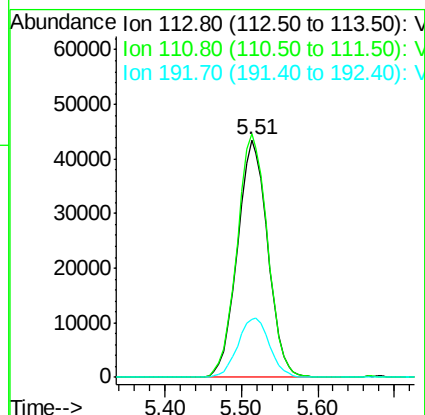
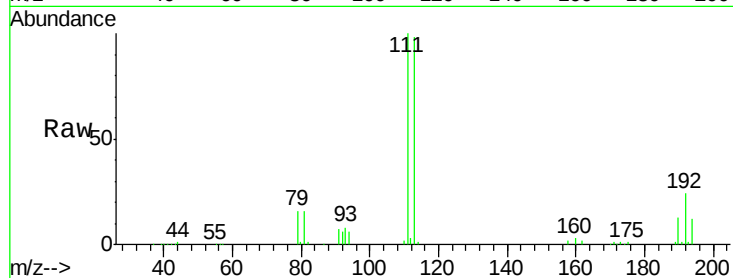




#35
 Dibromofluoromethane
 Concen: 46.20 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000854.D
 Acq: 13 Apr 2018 17:16

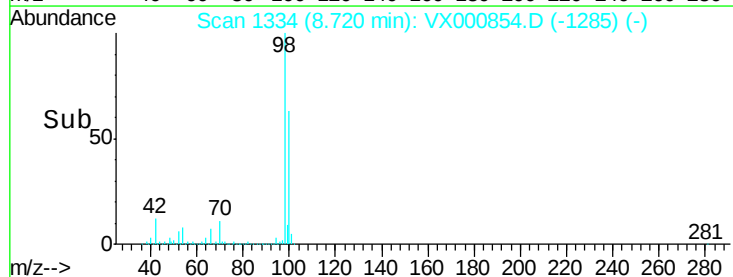
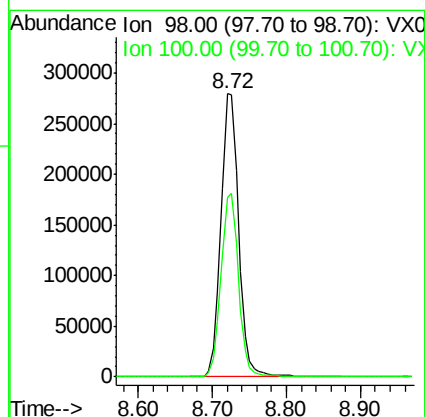
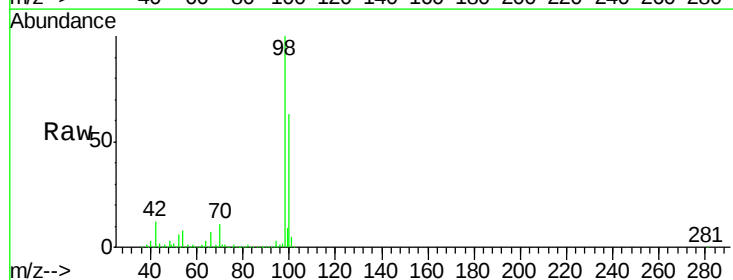
Instrument :
 MSVOA_X
 ClientSampleId :
 S1

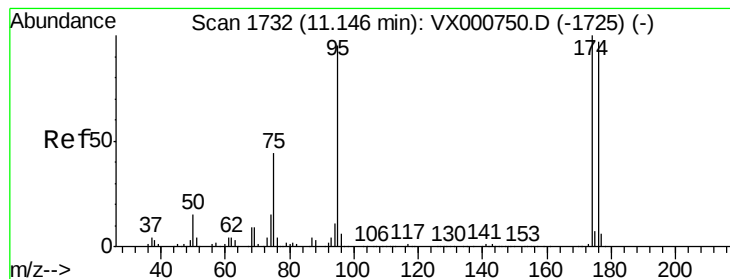
Tot Ion:113 Resp: 119623
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.5 122.3
 192 25.9 20.4 30.6



#50
 Toluene-d8
 Concen: 47.77 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000854.D
 Acq: 13 Apr 2018 17:16

Tgt Ion: 98 Resp: 460505
 Ion Ratio Lower Upper
 98 100
 100 64.4 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 44.62 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000854.D

Acq: 13 Apr 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

S1

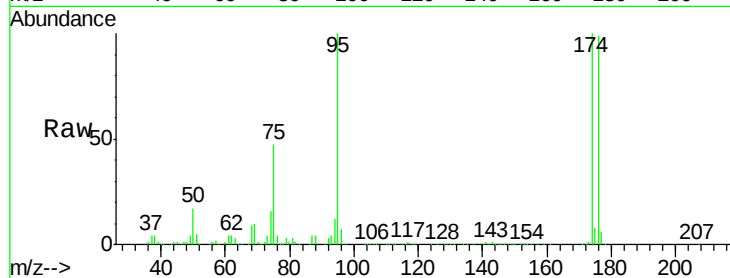
Tot Ion: 95 Resp: 177957

Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

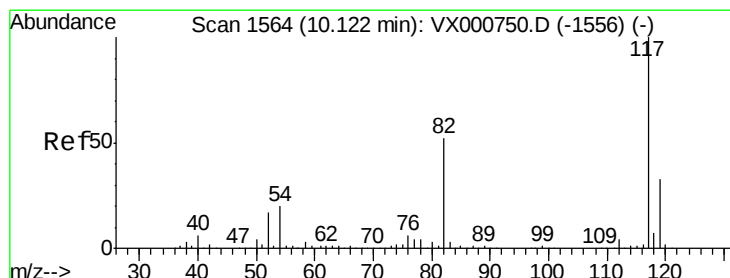
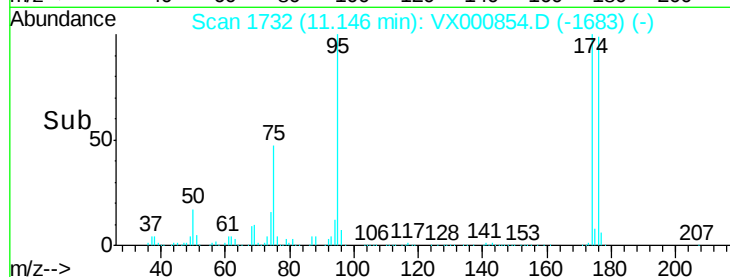
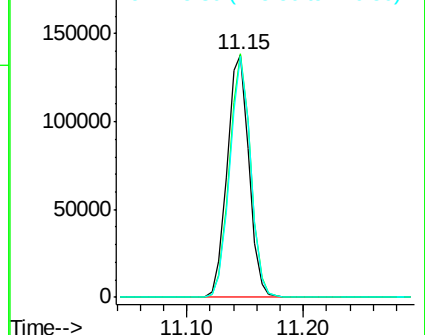
176 95.2 0.0 194.4



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. -0.00 min

Lab File: VX000854.D

Acq: 13 Apr 2018 17:16

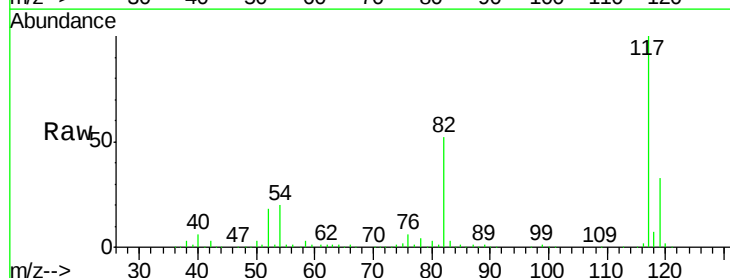
Tgt Ion: 117 Resp: 303468

Ion Ratio Lower Upper

117 100

82 52.3 41.9 62.9

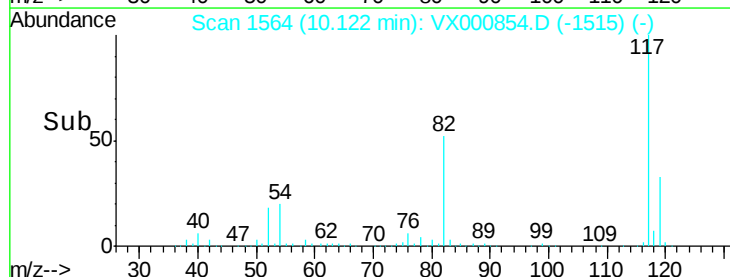
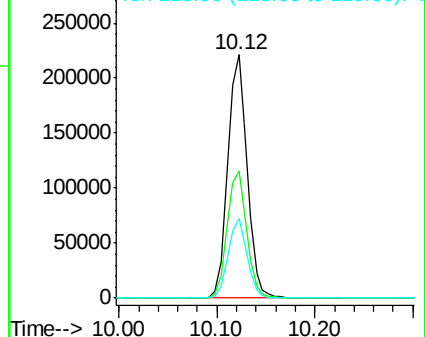
119 32.8 26.0 39.0

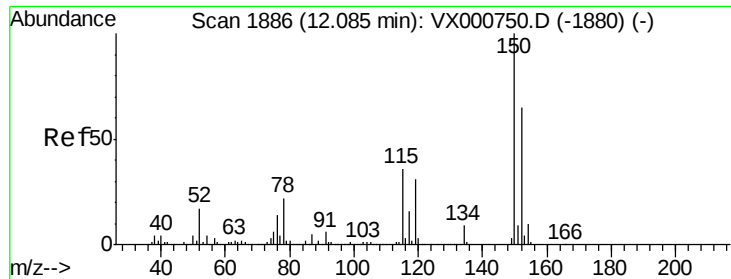


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX000854.D

Acq: 13 Apr 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

S1

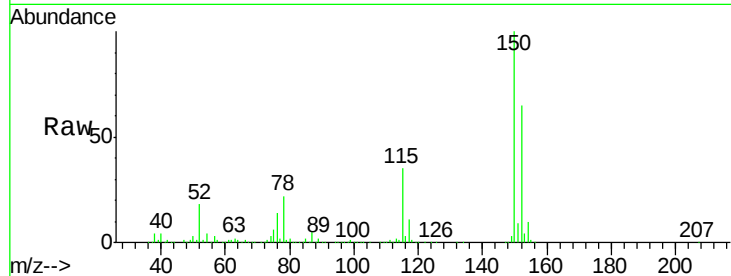
Tot Ion:152 Resp: 197838

Ion Ratio Lower Upper

152 100

115 53.2 37.9 113.7

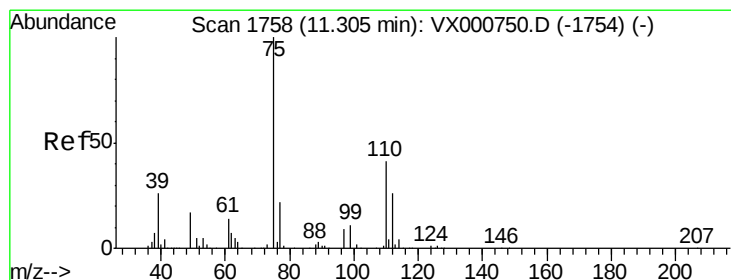
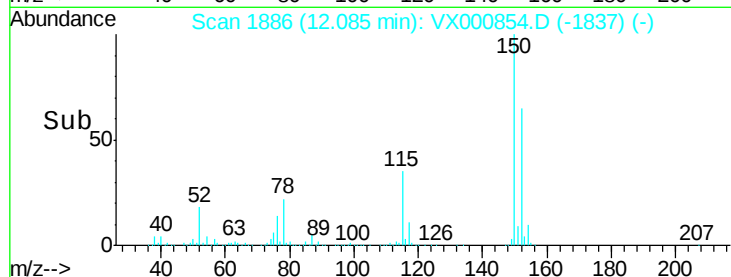
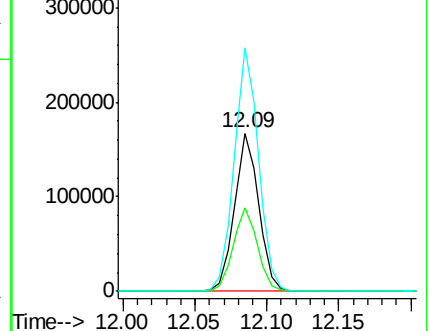
150 155.2 0.0 348.0



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



#76

1,2,3-Trichloropropane

Concen: 24.88 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000854.D

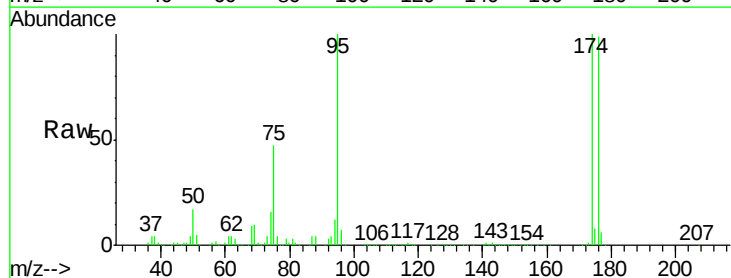
Acq: 13 Apr 2018 17:16

Tgt Ion: 75 Resp: 84897

Ion Ratio Lower Upper

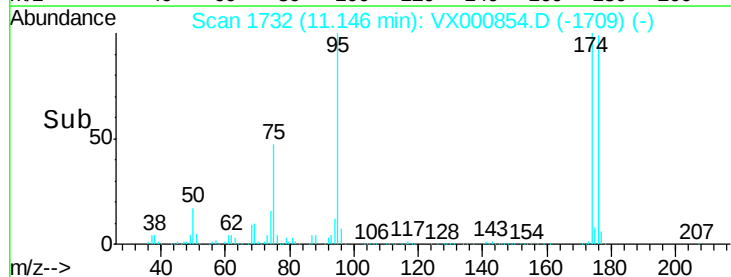
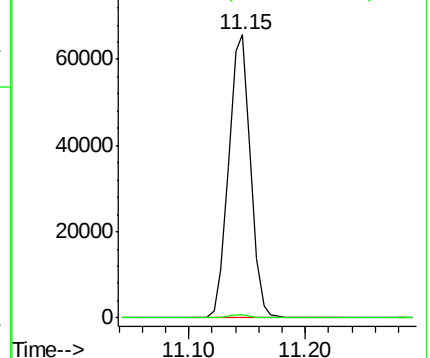
75 100

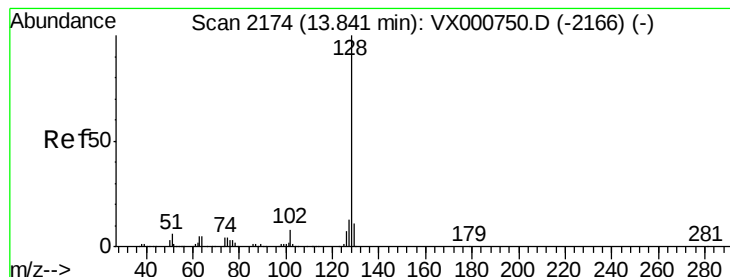
77 1.2 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#95

Naphthalene

Concen: 7.09 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000854.D

Acq: 13 Apr 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

S1

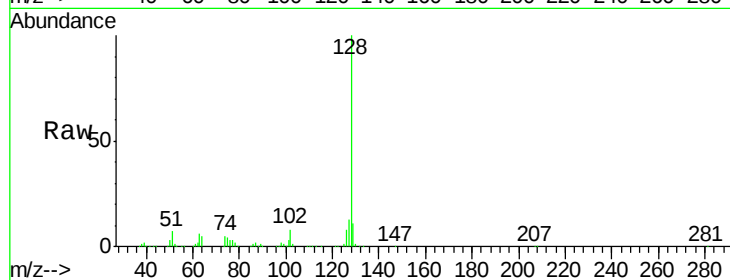
Tot Ion:128 Resp: 102130

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.2 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

