

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001427.D
 Acq On : 05 May 2018 19:14
 Operator : JC/MD
 Sample : J2733-07 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3AB-COMP

Quant Time: May 06 08:15:46 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

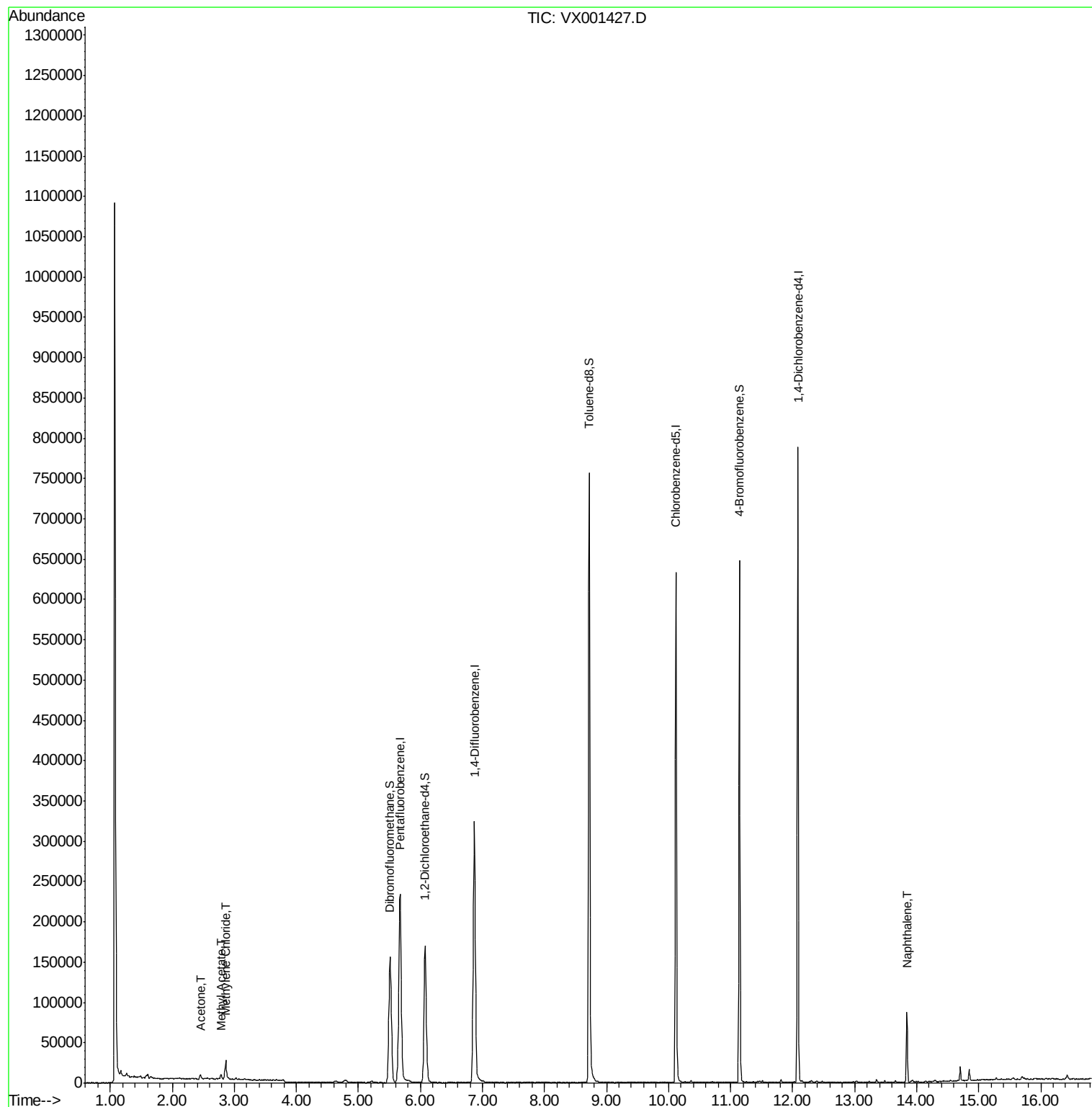
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163492	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
35) Dibromofluoromethane	5.51	113	127496	42.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.20%	
50) Toluene-d8	8.72	98	461974	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
62) 4-Bromofluorobenzene	11.14	95	155214	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.02%	
Target Compounds						
16) Acetone	2.45	43	6725	4.130	ug/l #	88
18) Methyl Acetate	2.78	43	6340	1.482	ug/l	97
20) Methylene Chloride	2.86	84	10641	3.301	ug/l #	85
95) Naphthalene	13.84	128	53721	4.331	ug/l	99

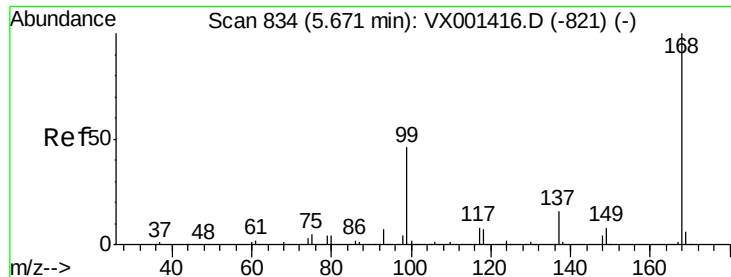
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001427.D

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Instrument :

MSVOA_X

ClientSampleId :

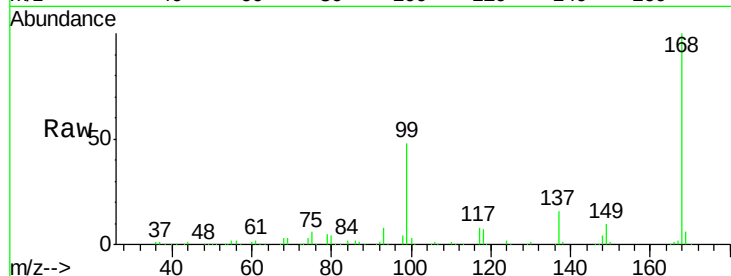
TP-3AB-COMP

Tot Ion:168 Resp: 249485

Ion Ratio Lower Upper

168 100

99 47.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

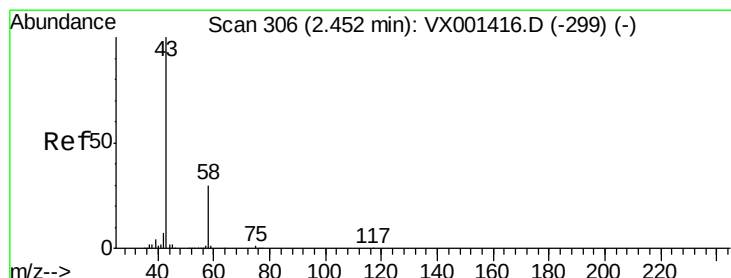
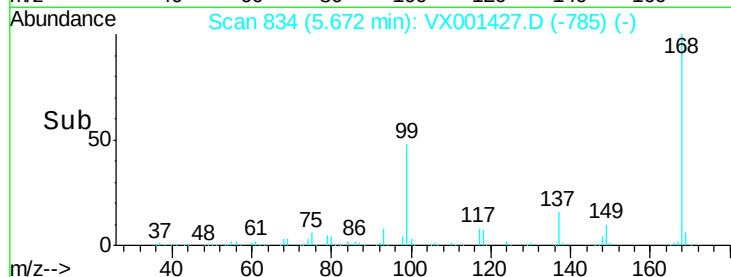
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.130 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001427.D

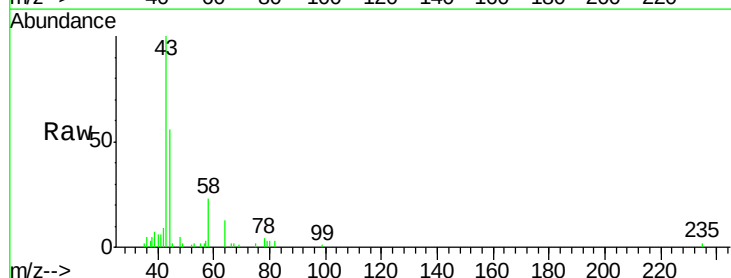
Acq: 05 May 2018 19:14

Tgt Ion: 43 Resp: 6725

Ion Ratio Lower Upper

43 100

58 23.3 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

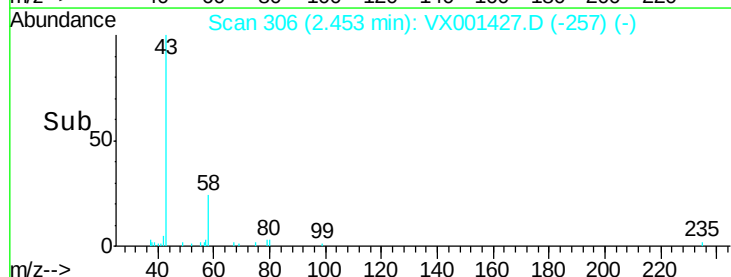
3000

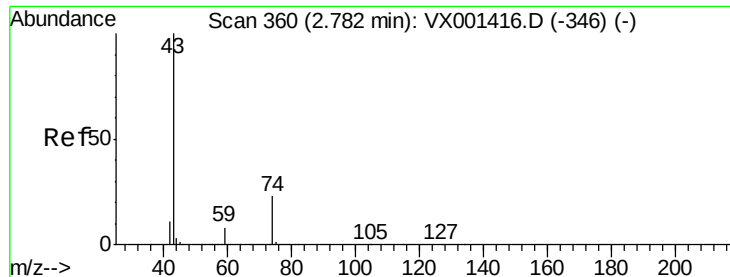
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

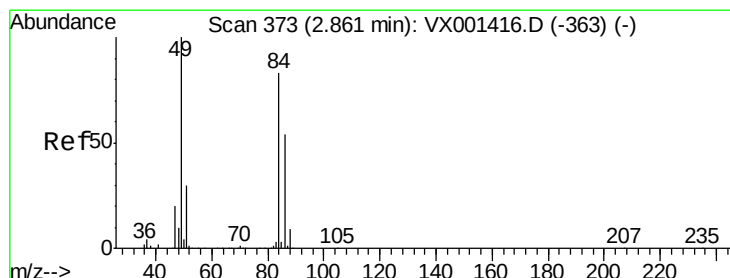
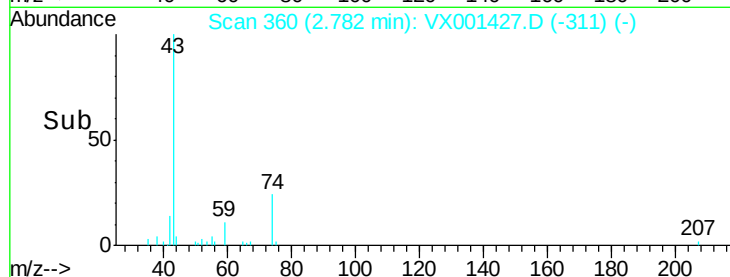
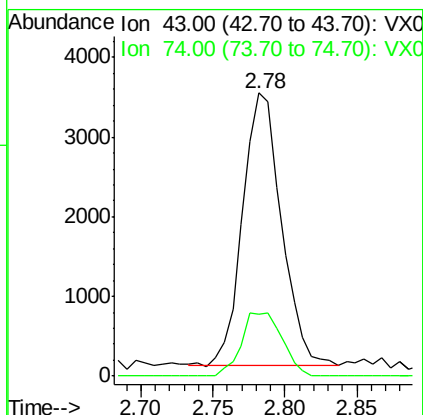
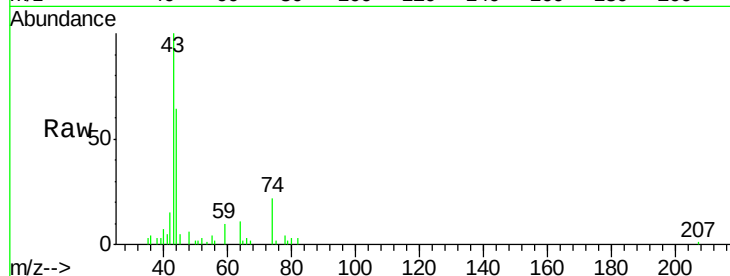




#18
Methvl Acetate
Concen: 1.482 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001427.D
Acq: 05 May 2018 19:14

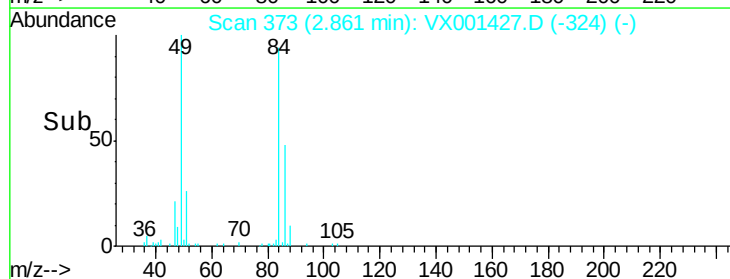
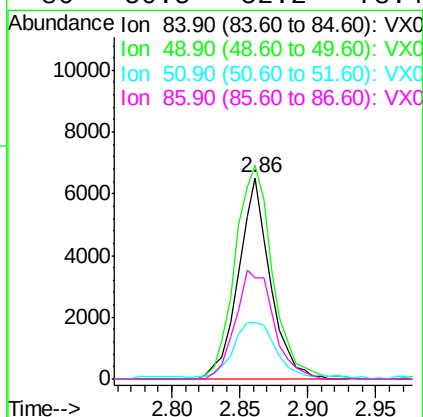
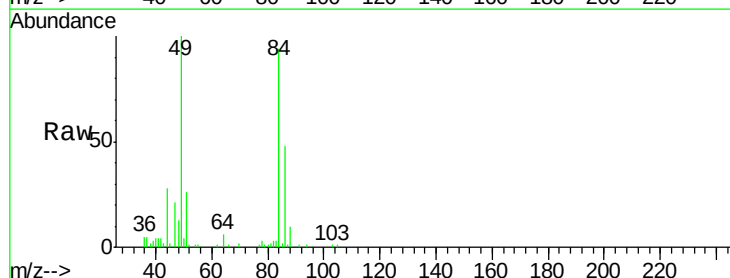
Instrument :
MSVOA_X
ClientSampleId :
TP-3AB-COMP

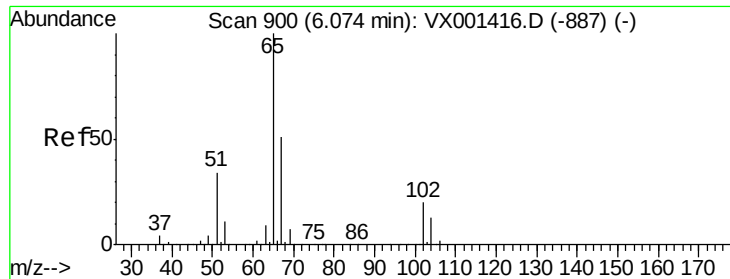
Tot Ion: 43 Resp: 6340
Ion Ratio Lower Upper
43 100
74 24.6 18.6 27.8



#20
Methylene Chloride
Concen: 3.301 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001427.D
Acq: 05 May 2018 19:14

Tgt Ion: 84 Resp: 10641
Ion Ratio Lower Upper
84 100
49 106.1 96.6 144.8
51 26.8 29.0 43.4#
86 50.5 52.2 78.4#

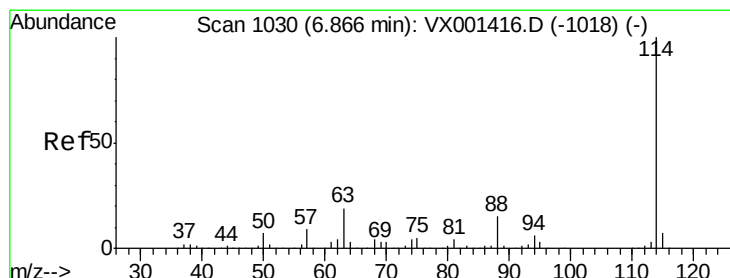
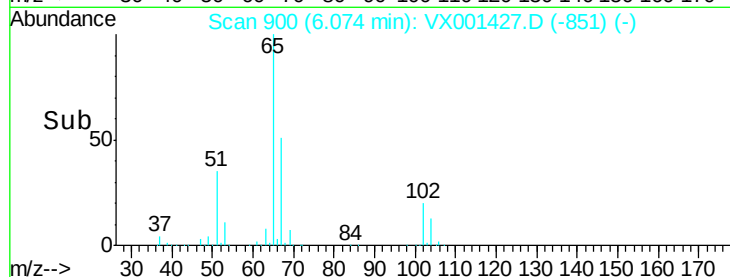
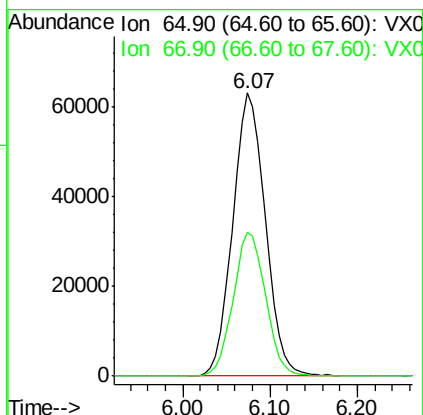
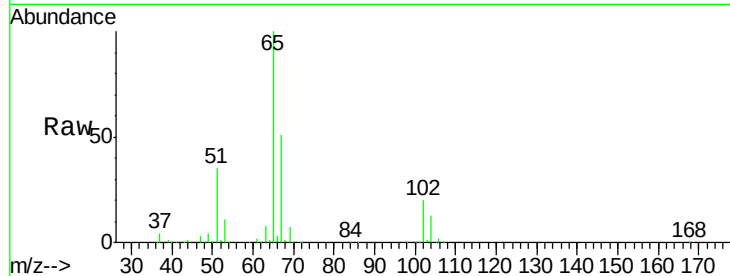




#33
 1,2-Dichloroethane-d4
 Concen: 45.593 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001427.D
 Acq: 05 May 2018 19:14

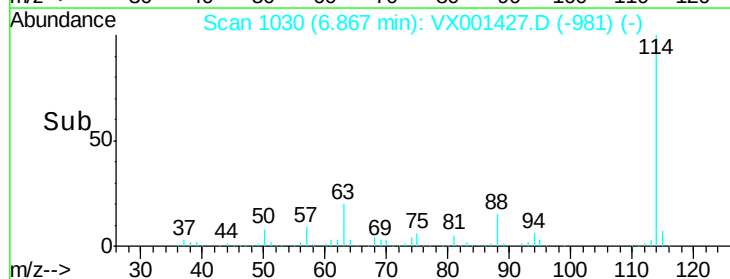
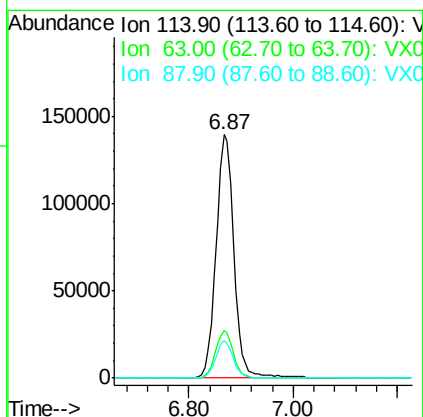
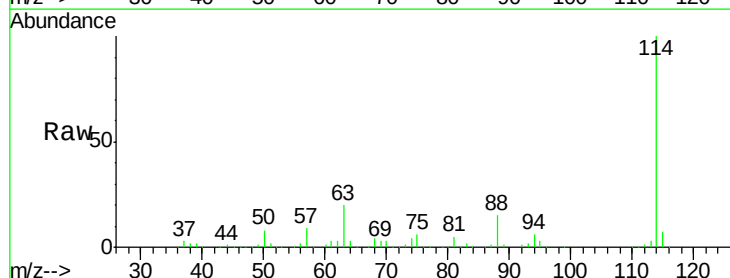
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3AB-COMP

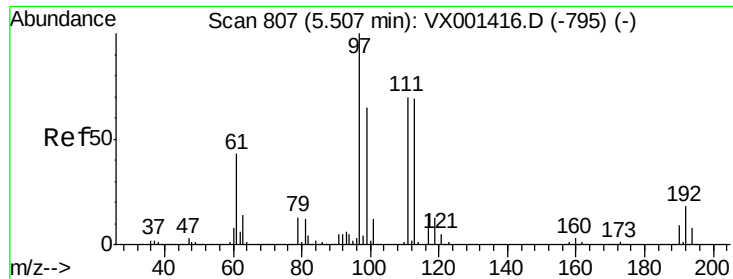
Tot Ion: 65 Resp: 163492
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001427.D
 Acq: 05 May 2018 19:14

Tgt Ion: 114 Resp: 336443
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 42.604 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001427.D

Acq: 05 May 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

TP-3AB-COMP

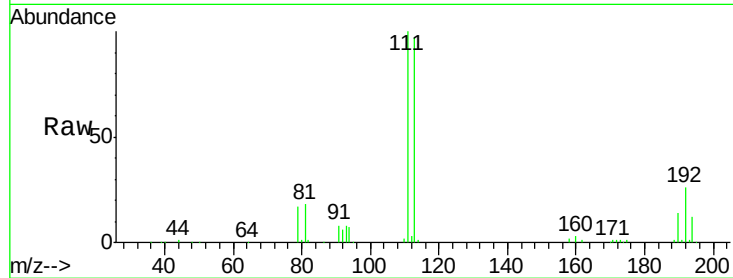
Tot Ion:113 Resp: 127496

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

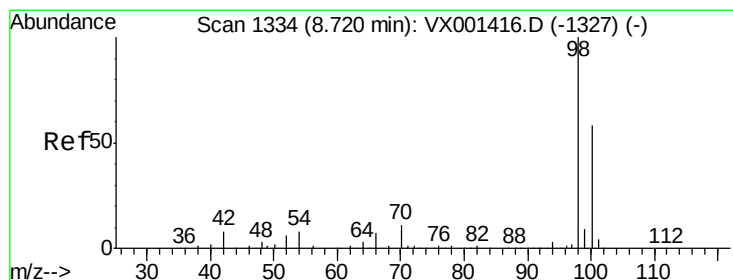
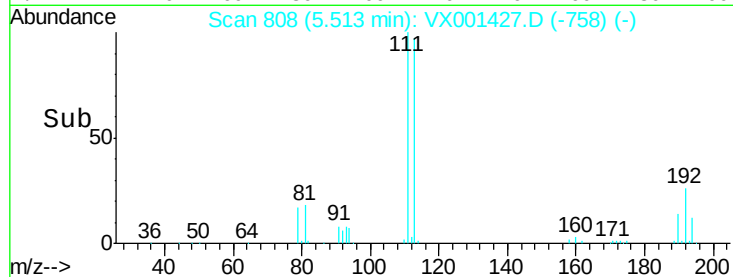
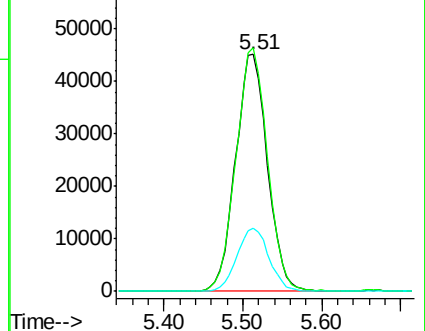
192 26.7 21.4 32.0



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: 42.292 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001427.D

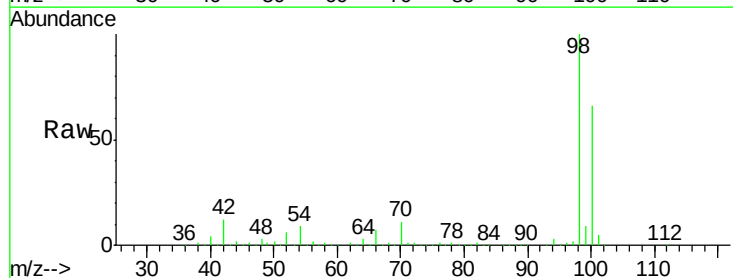
Acq: 05 May 2018 19:14

Tgt Ion: 98 Resp: 461974

Ion Ratio Lower Upper

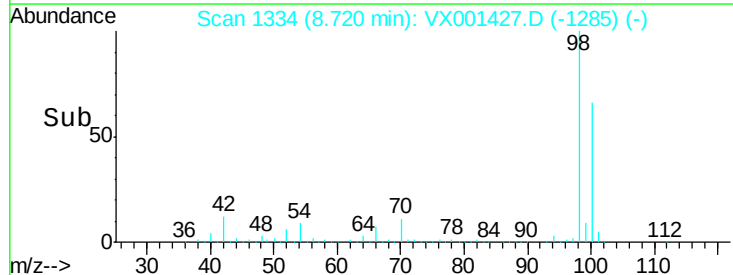
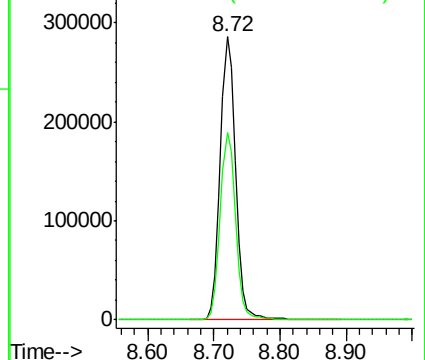
98 100

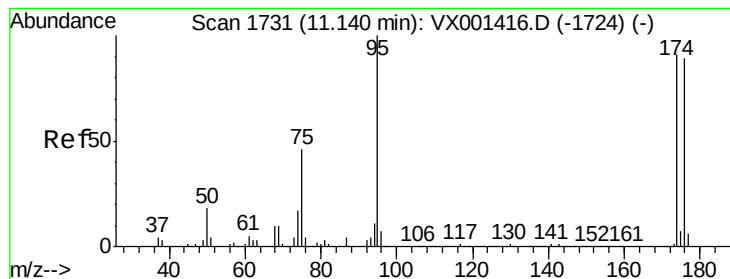
100 66.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 37.014 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001427.D

Acq: 05 May 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

TP-3AB-COMP

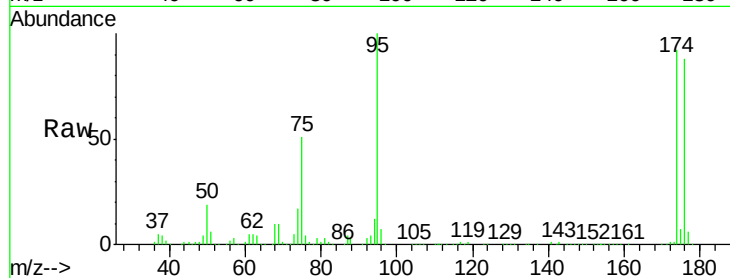
Tot Ion: 95 Resp: 155214

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

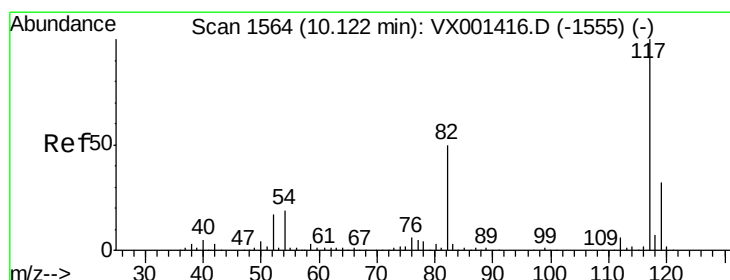
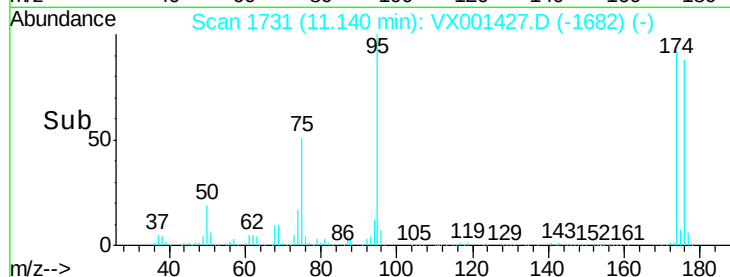
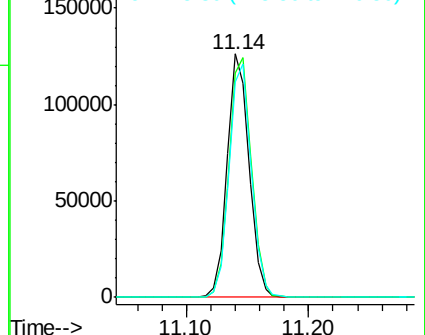
176 97.3 0.0 197.4



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: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001427.D

Acq: 05 May 2018 19:14

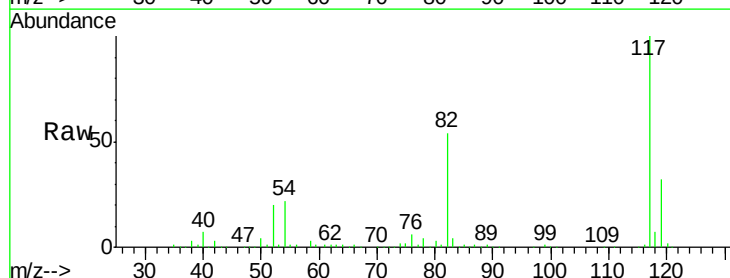
Tgt Ion: 117 Resp: 298155

Ion Ratio Lower Upper

117 100

82 54.5 40.0 60.0

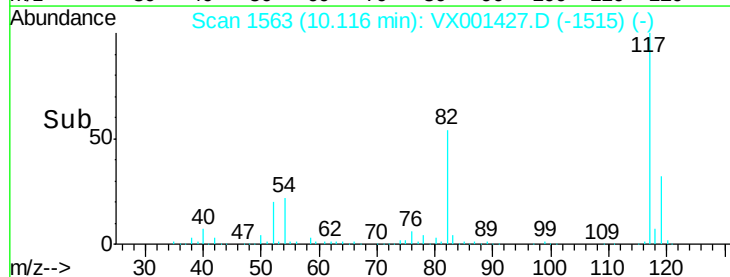
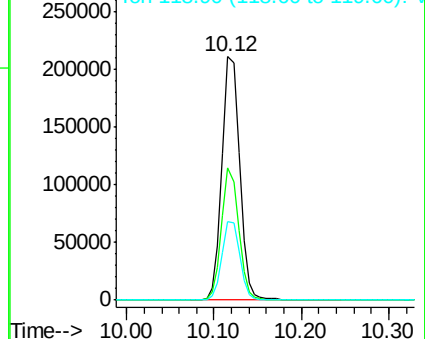
119 32.3 25.8 38.8

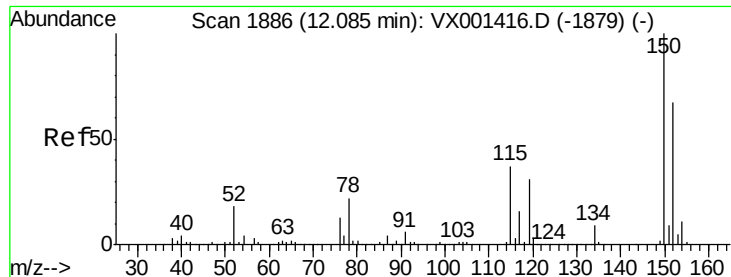


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX001427.D

Acq: 05 May 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

TP-3AB-COMP

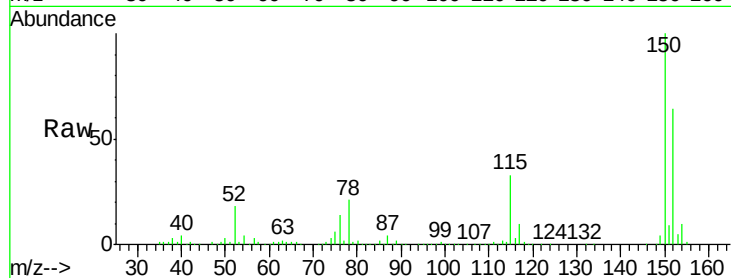
Tot Ion:152 Resp: 167461

Ion Ratio Lower Upper

152 100

115 52.4 37.7 113.1

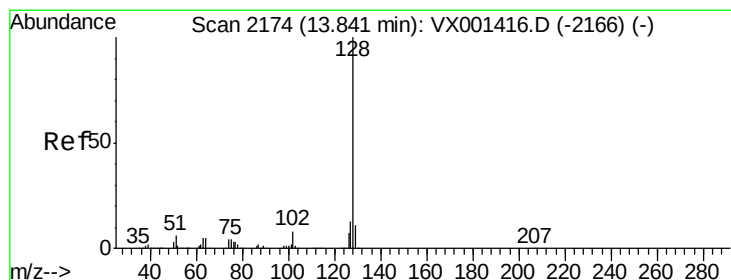
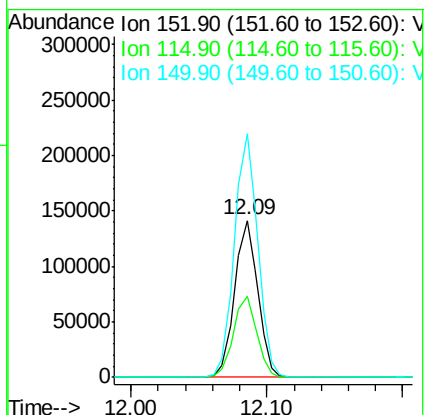
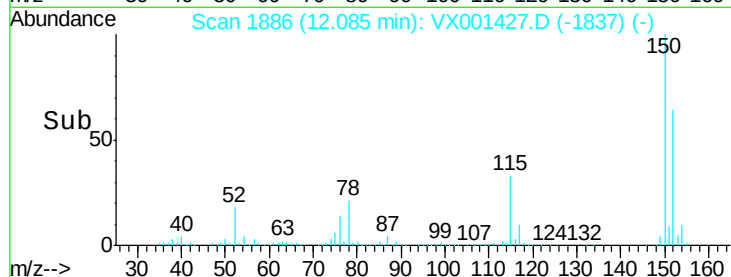
150 156.6 0.0 349.4



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: 4.331 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001427.D

Acq: 05 May 2018 19:14

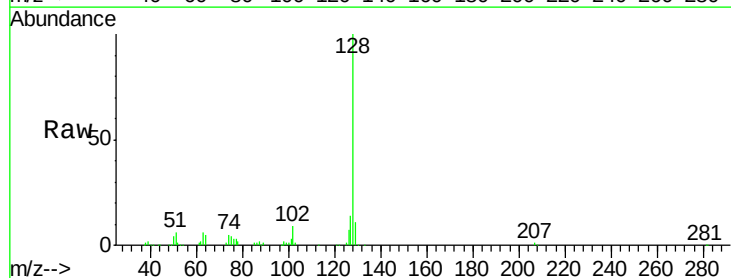
Tgt Ion:128 Resp: 53721

Ion Ratio Lower Upper

128 100

127 13.3 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

