

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001428.D
 Acq On : 05 May 2018 19:41
 Operator : JC/MD
 Sample : J2733-11 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5AB-COMP

Quant Time: May 06 08:17:21 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	250467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	166451	46.24	ug/l	0.00
Spiked Amount			Recovery	=	92.48%	
35) Dibromofluoromethane	5.51	113	128514	42.38	ug/l	0.00
Spiked Amount			Recovery	=	84.76%	
50) Toluene-d8	8.72	98	467847	42.26	ug/l	0.00
Spiked Amount			Recovery	=	84.52%	
62) 4-Bromofluorobenzene	11.14	95	155617	36.62	ug/l	0.00
Spiked Amount			Recovery	=	73.24%	

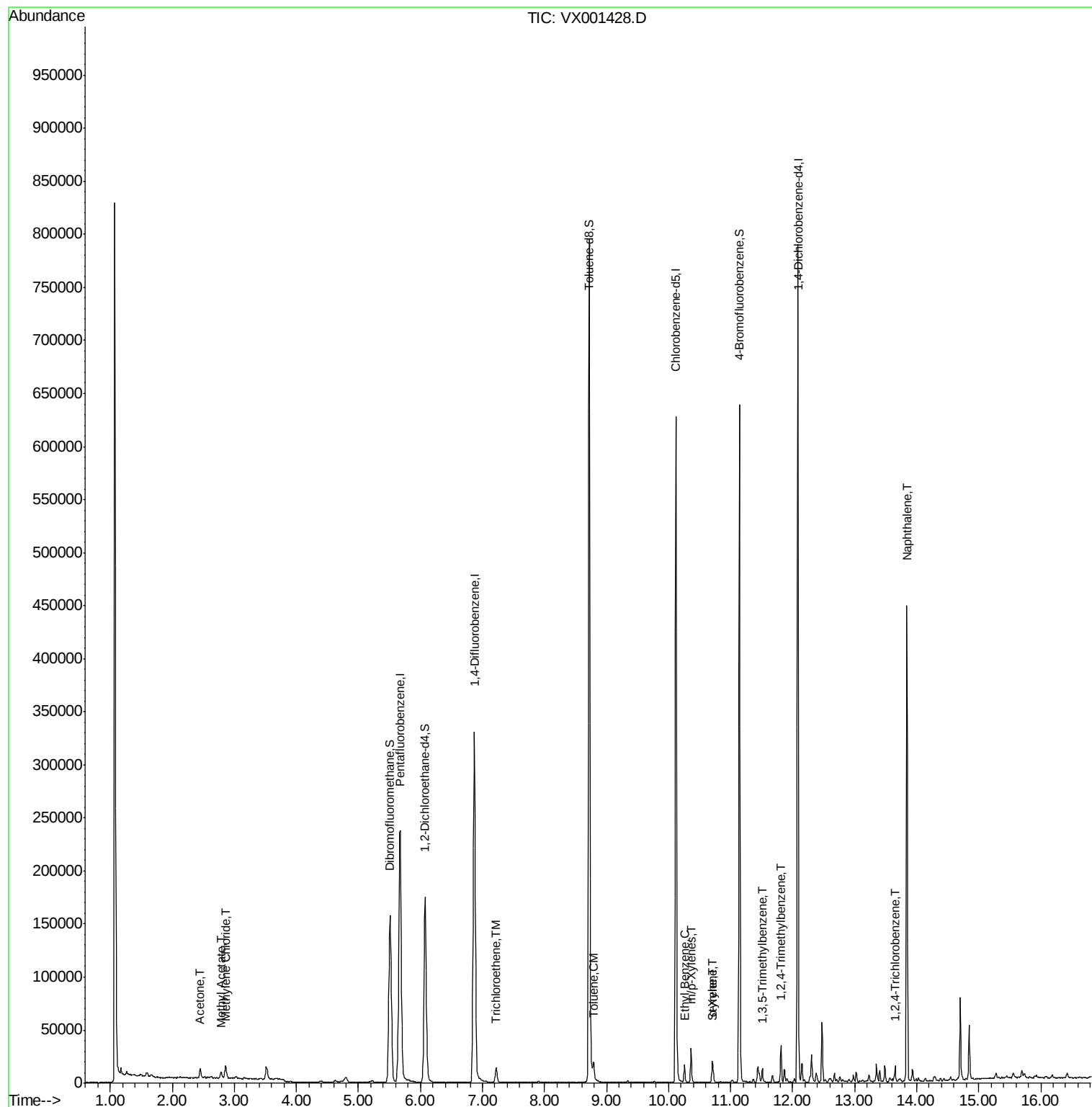
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	9277	5.675	ug/l	97
18) Methyl Acetate	2.79	43	6730	1.567	ug/l	94
20) Methylene Chloride	2.86	84	5385	1.664	ug/l	91
44) Trichloroethene	7.21	130	5443	1.406	ug/l	100
52) Toluene	8.79	92	5095	0.615	ug/l	95
67) Ethyl Benzene	10.26	91	8453	0.582	ug/l	96
68) m/p-Xylenes	10.36	106	7516	1.309	ug/l	99
69) o-Xylene	10.70	106	3636	0.652	ug/l	100
70) Styrene	10.72	104	3684	0.406	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	5182	0.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	14014	1.384	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	3030	0.662	ug/l	91
95) Naphthalene	13.84	128	269503	21.277	ug/l	100

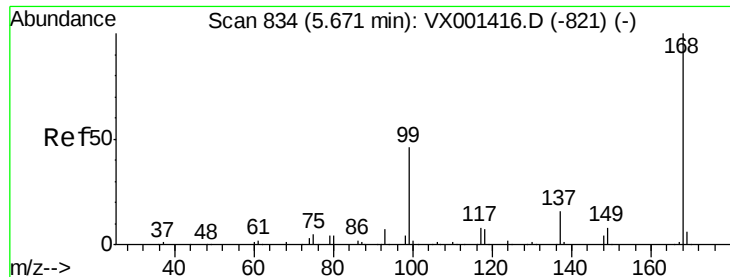
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
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: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

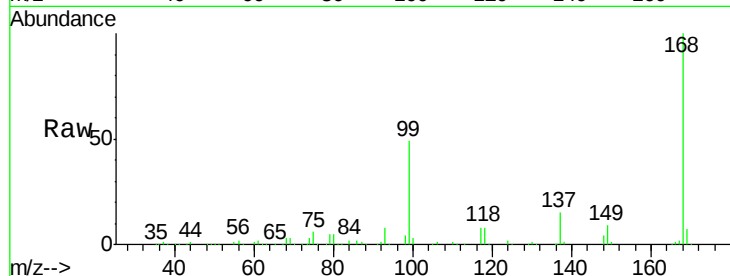
TP-5AB-COMP

Tot Ion:168 Resp: 250467

Ion Ratio Lower Upper

168 100

99 49.1 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

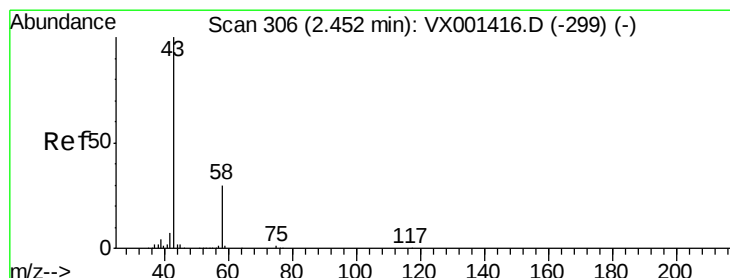
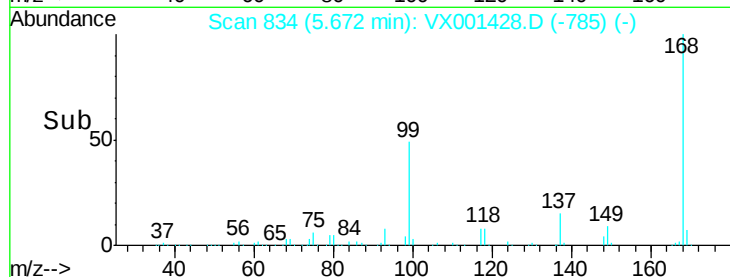
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 5.675 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001428.D

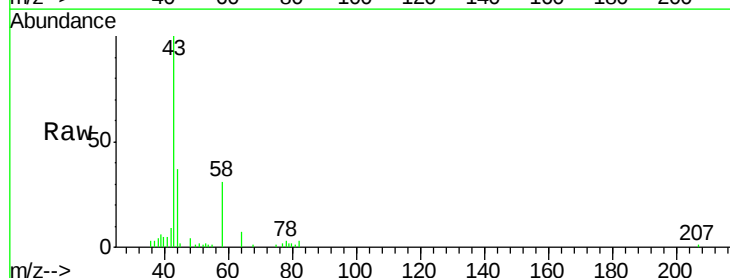
Acq: 05 May 2018 19:41

Tgt Ion: 43 Resp: 9277

Ion Ratio Lower Upper

43 100

58 31.3 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

6000

5000

4000

3000

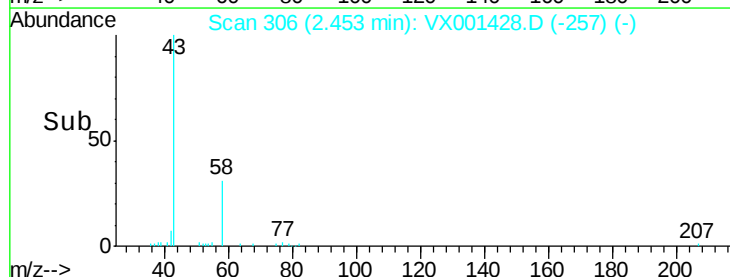
2000

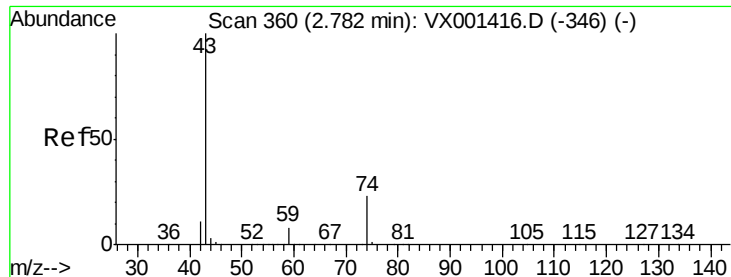
1000

0

Time-->

2.40 2.45 2.50





#18

Methyl Acetate

Concen: 1.567 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

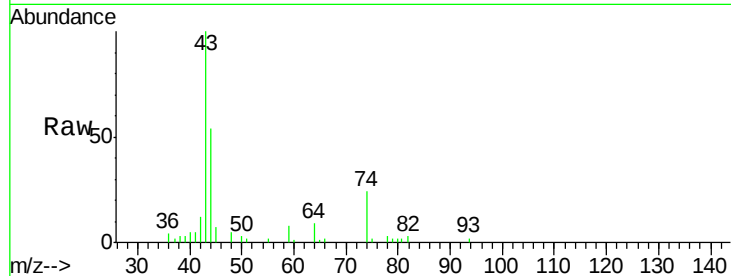
TP-5AB-COMP

Tot Ion: 43 Resp: 6730

Ion Ratio Lower Upper

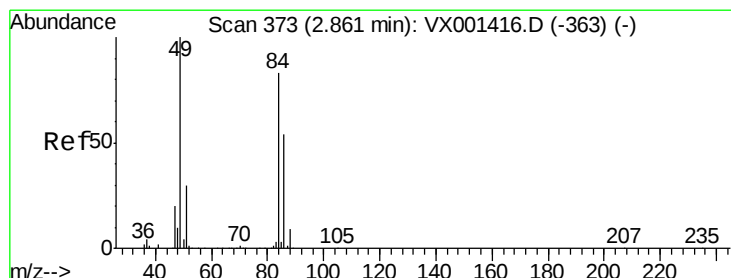
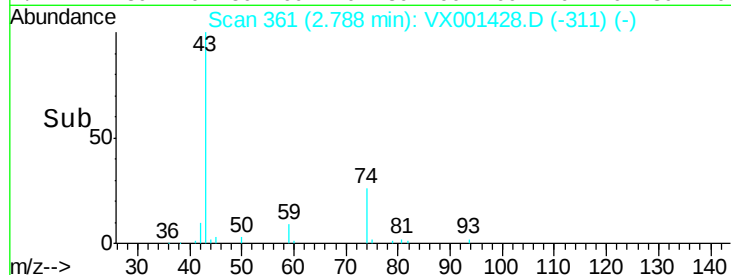
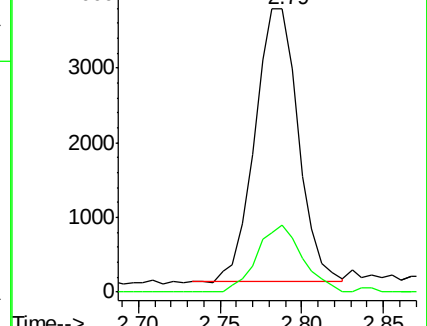
43 100

74 26.0 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1.664 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

Tgt Ion: 84 Resp: 5385

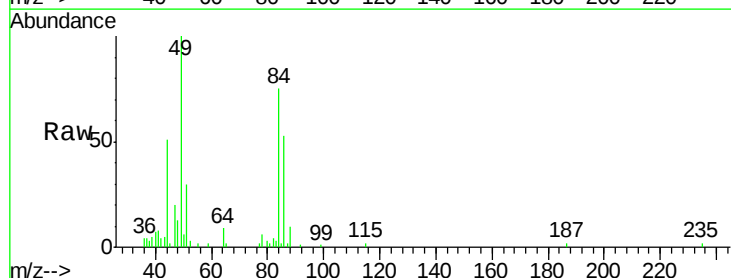
Ion Ratio Lower Upper

84 100

49 132.9 96.6 144.8

51 40.3 29.0 43.4

86 70.2 52.2 78.4

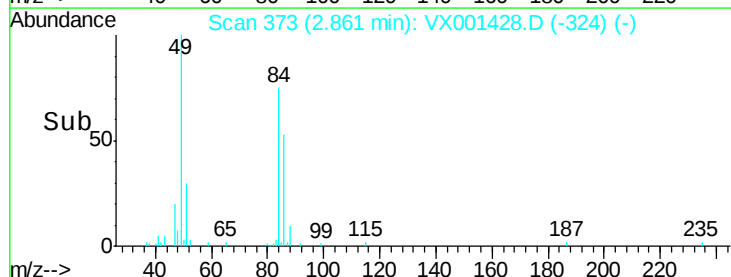
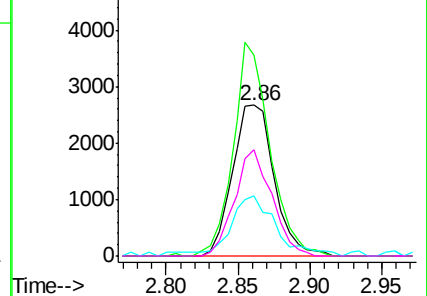


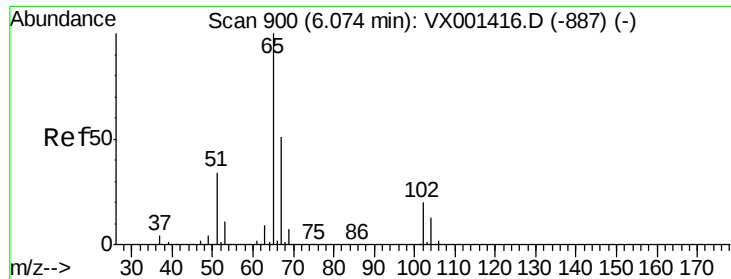
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 46.236 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

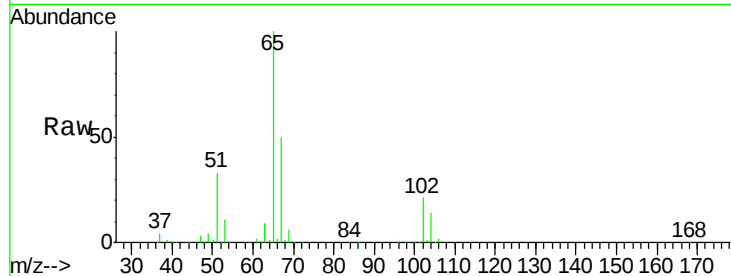
TP-5AB-COMP

Tot Ion: 65 Resp: 166451

Ion Ratio Lower Upper

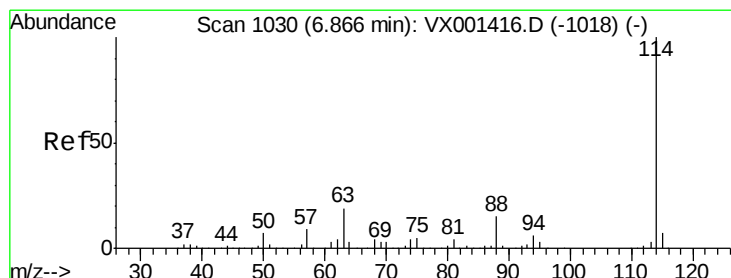
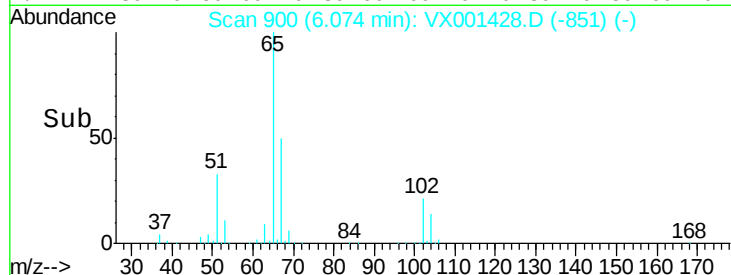
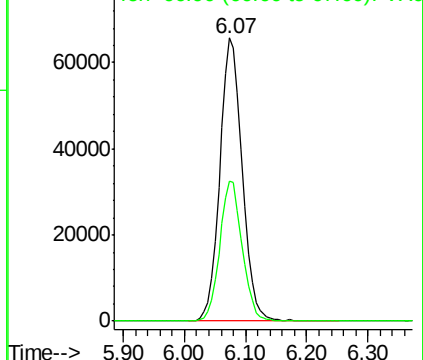
65 100

67 49.9 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

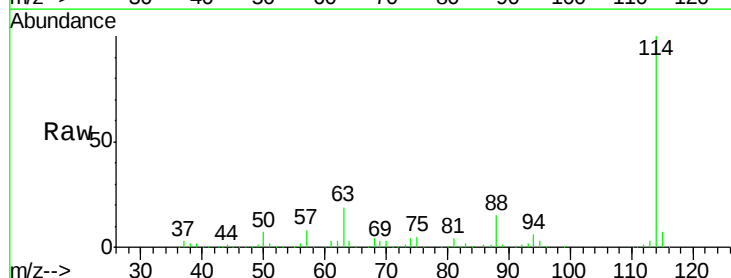
Tgt Ion: 114 Resp: 340948

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

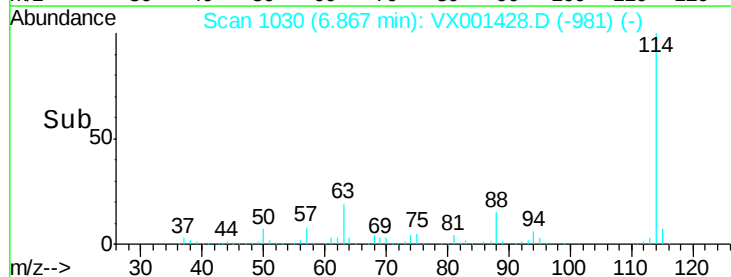
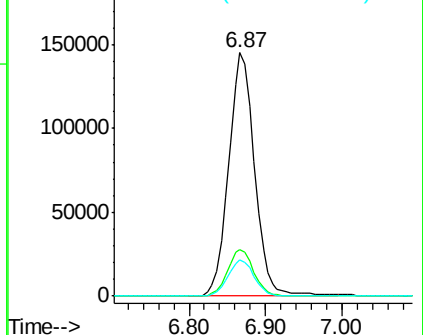
88 15.1 0.0 30.8

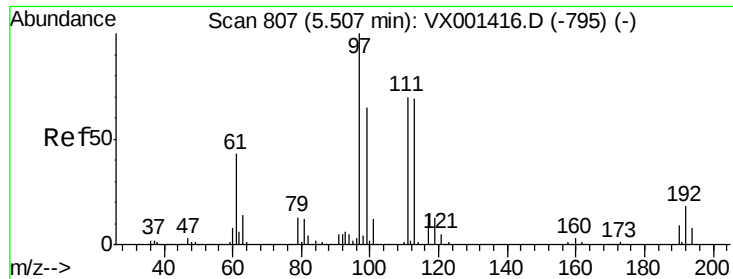


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

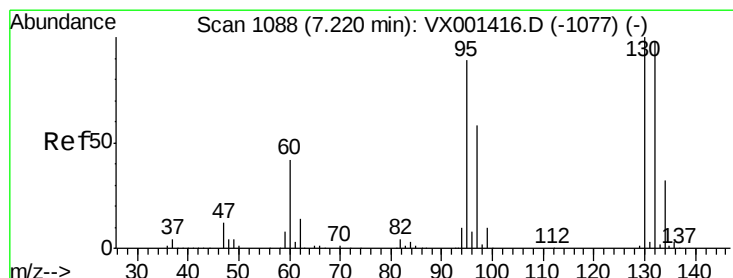
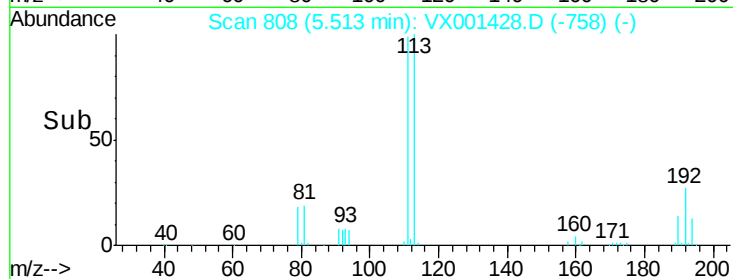
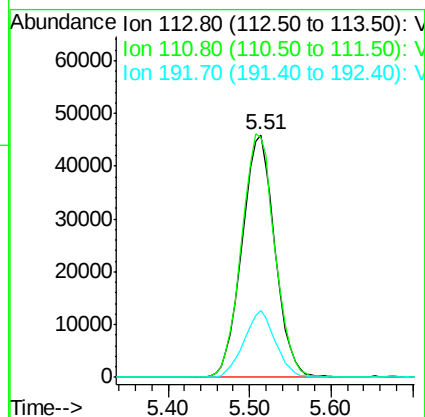
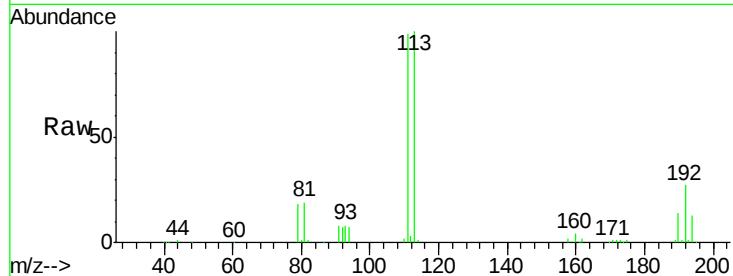




#35
 Dibromofluoromethane
 Concen: 42.376 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001428.D
 Acq: 05 May 2018 19:41

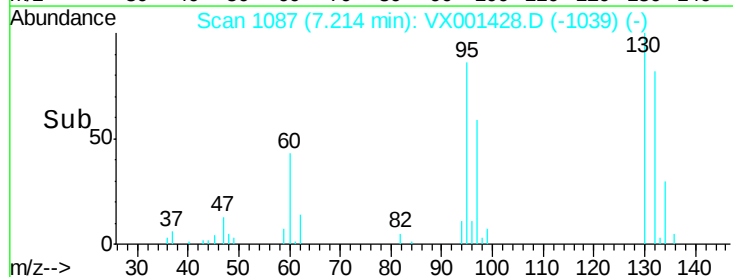
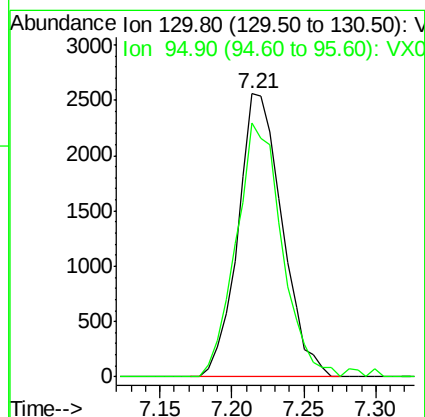
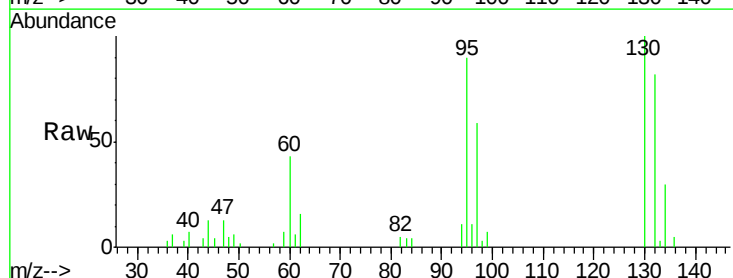
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5AB-COMP

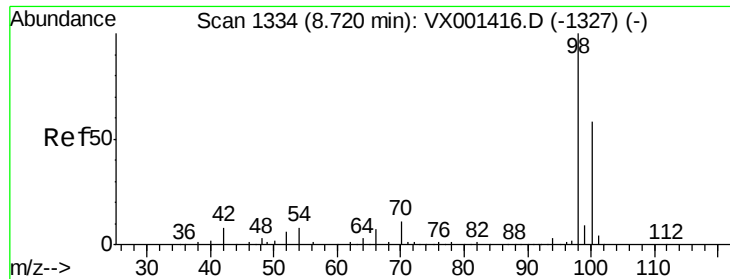
Tot Ion:113 Resp: 128514
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 26.4 21.4 32.0



#44
 Trichloroethene
 Concen: 1.406 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001428.D
 Acq: 05 May 2018 19:41

Tgt Ion:130 Resp: 5443
 Ion Ratio Lower Upper
 130 100
 95 89.6 0.0 178.4

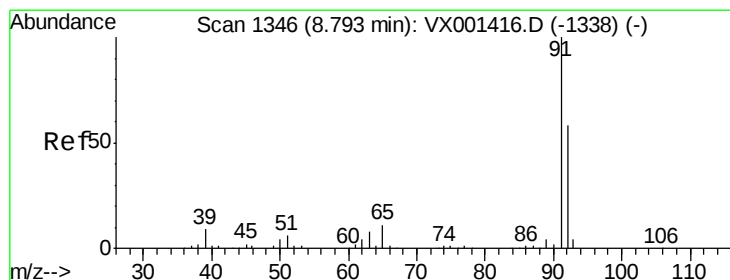
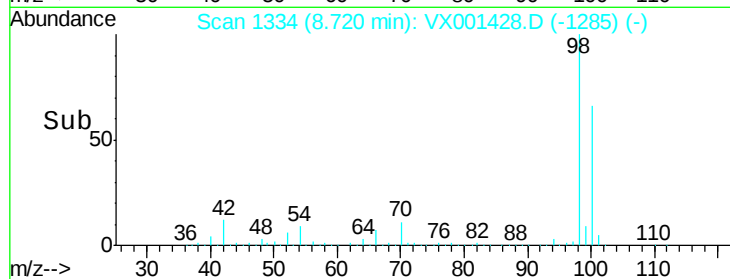
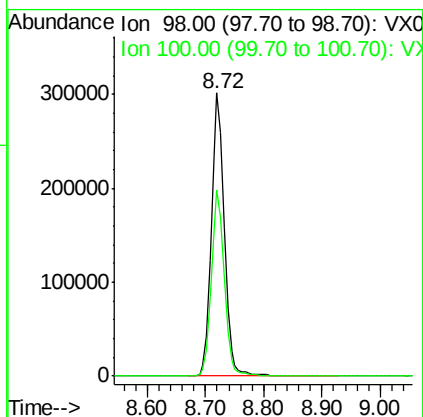
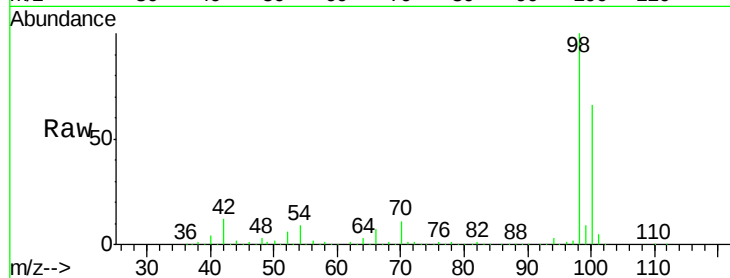




#50
Toluene-d8
Concen: 42.263 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001428.D
Acq: 05 May 2018 19:41

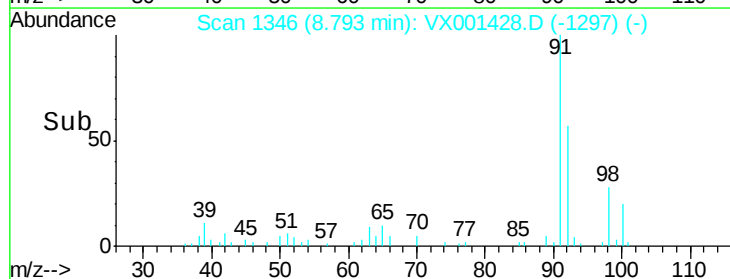
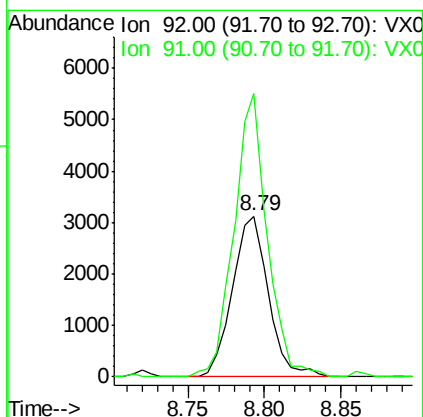
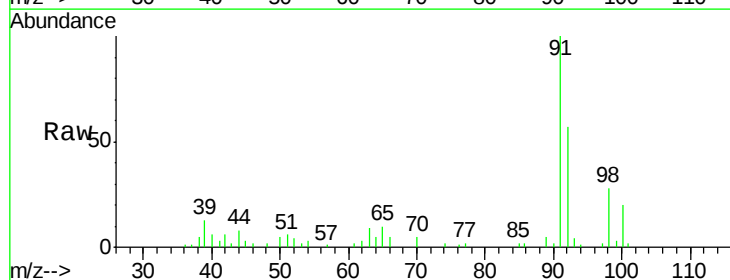
Instrument :
MSVOA_X
ClientSampleId :
TP-5AB-COMP

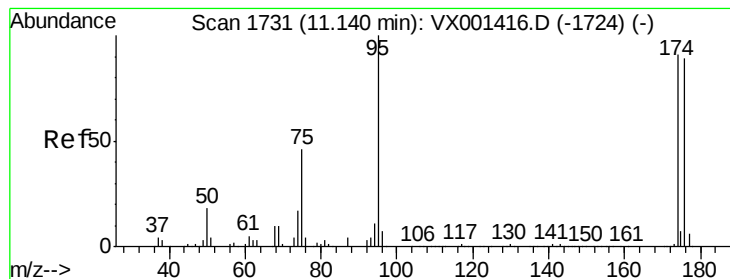
Tot Ion: 98 Resp: 467847
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0



#52
Toluene
Concen: 0.615 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001428.D
Acq: 05 May 2018 19:41

Tgt Ion: 92 Resp: 5095
Ion Ratio Lower Upper
92 100
91 162.4 135.2 202.8





#62

4-Bromofluorobenzene

Concen: 36.620 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

TP-5AB-COMP

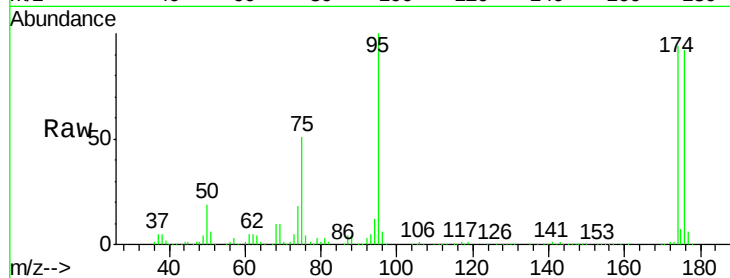
Tot Ion: 95 Resp: 155617

Ion Ratio Lower Upper

95 100

174 102.1 0.0 202.0

176 99.5 0.0 197.4

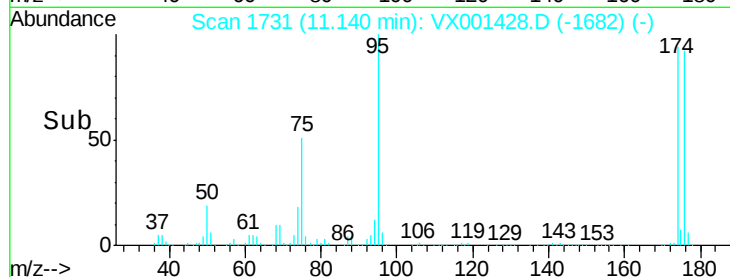


Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)

Time-->

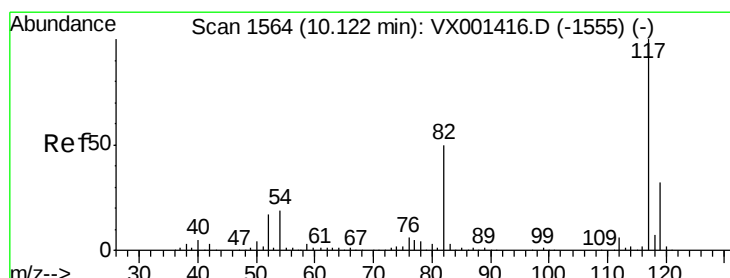


Abundance Ion 94.90 (94.60 to 95.60): VX001428.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001428.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001428.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

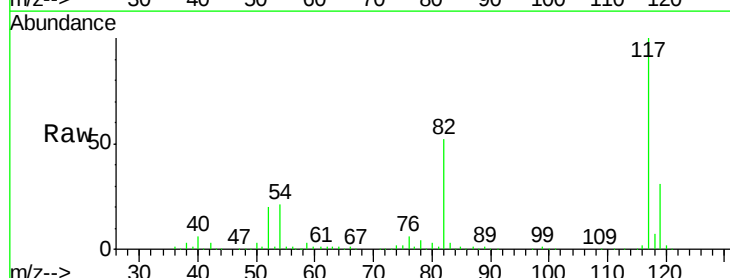
Tgt Ion: 117 Resp: 302242

Ion Ratio Lower Upper

117 100

82 52.0 40.0 60.0

119 31.4 25.8 38.8

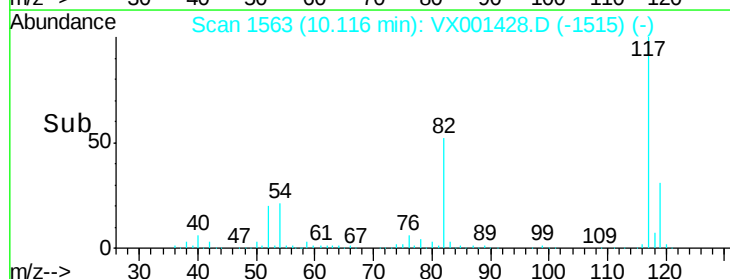


Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)

Time-->

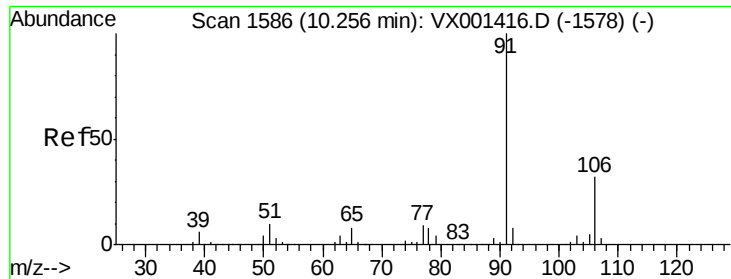


Abundance Ion 116.90 (116.60 to 117.60): VX001428.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001428.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001428.D (-1515) (-)

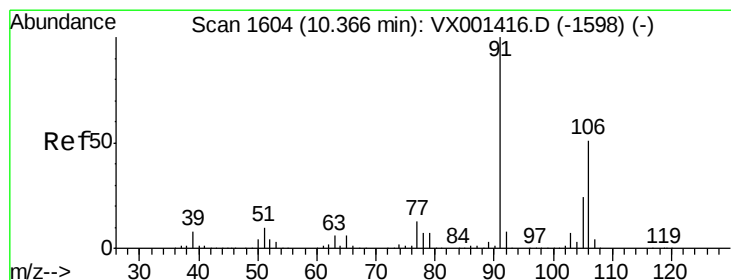
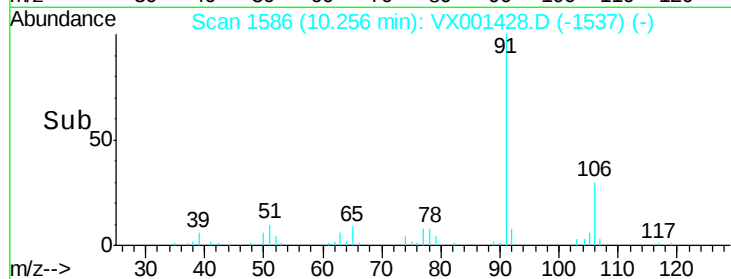
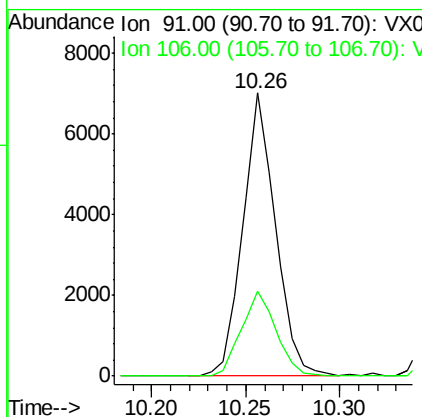
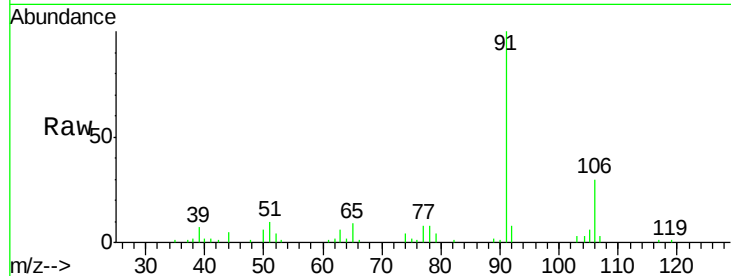
Time-->



#67
Ethyl Benzene
Concen: 0.582 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001428.D
Acq: 05 May 2018 19:41

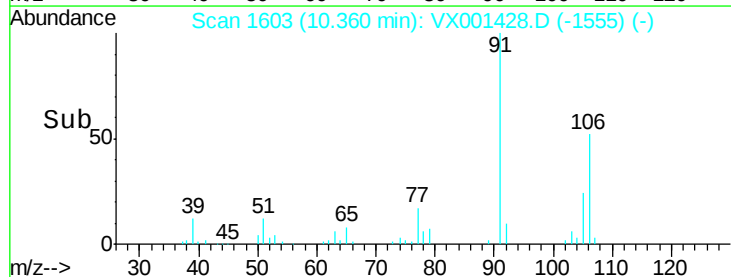
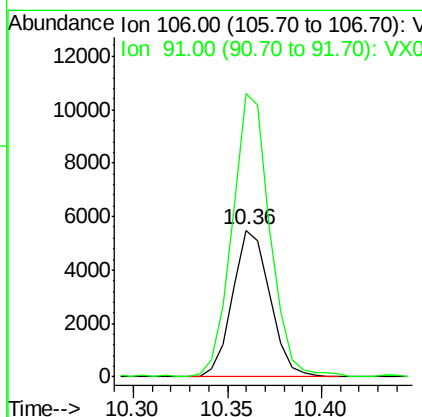
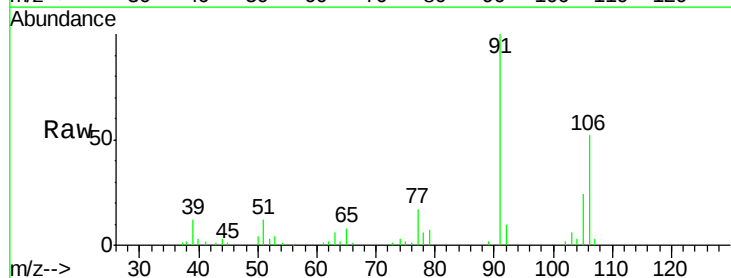
Instrument :
MSVOA_X
ClientSampled :
TP-5AB-COMP

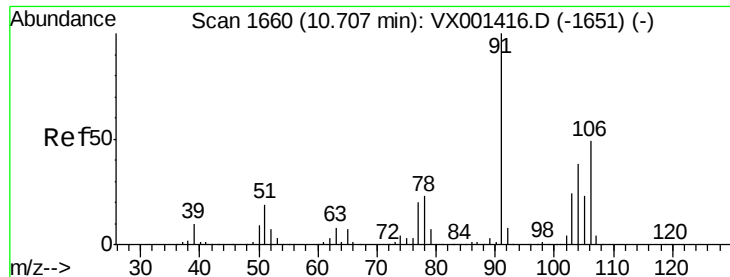
Tot Ion: 91 Resp: 8453
Ion Ratio Lower Upper
91 100
106 29.9 25.5 38.3



#68
m/p-Xylenes
Concen: 1.309 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001428.D
Acq: 05 May 2018 19:41

Tgt Ion: 106 Resp: 7516
Ion Ratio Lower Upper
106 100
91 195.0 157.5 236.3

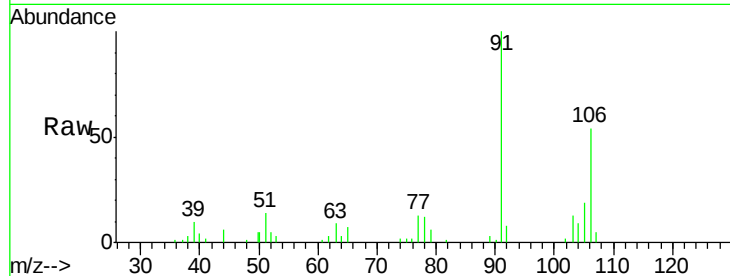




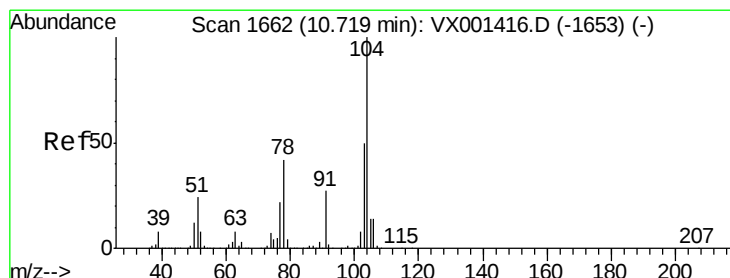
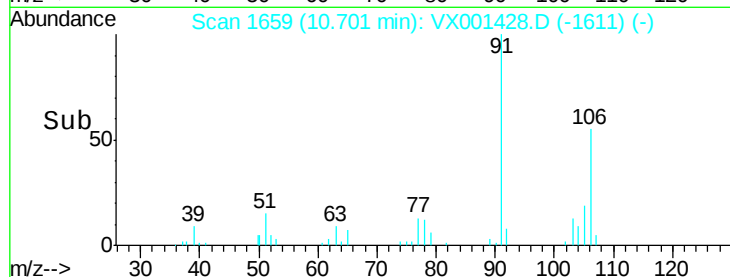
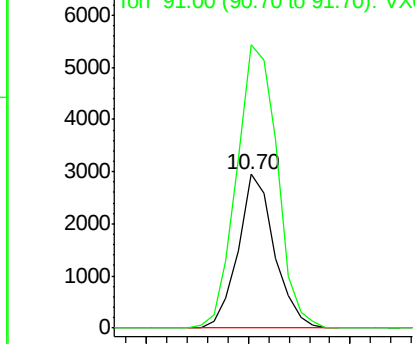
#69
o-Xylene
Concen: 0.652 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001428.D
Acq: 05 May 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
TP-5AB-COMP

Tot Ion:106 Resp: 3636
Ion Ratio Lower Upper
106 100
91 205.7 103.1 309.1

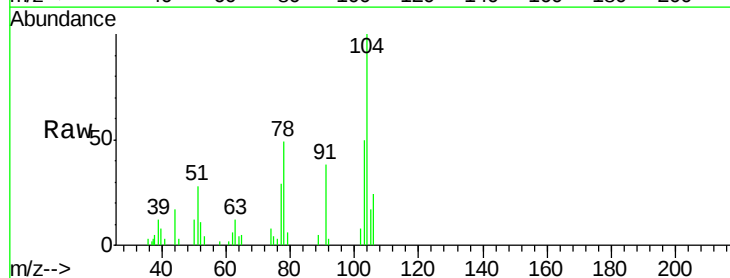


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

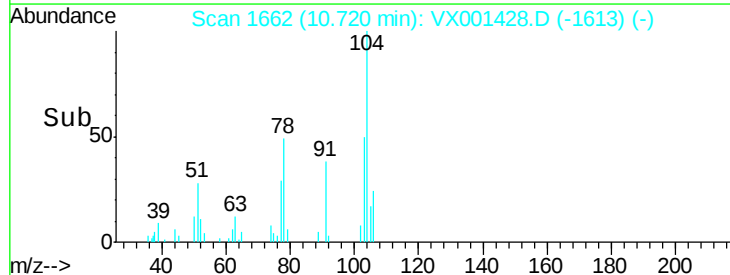
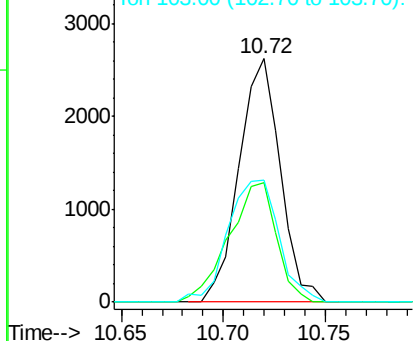


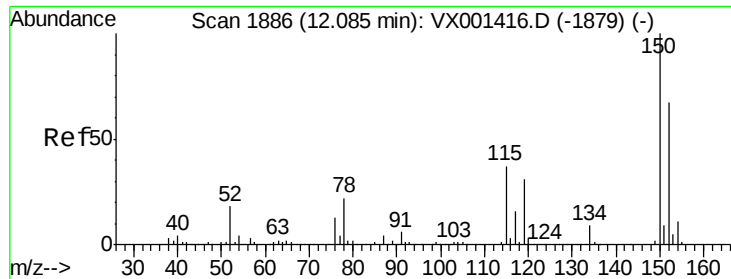
#70
Styrene
Concen: 0.406 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001428.D
Acq: 05 May 2018 19:41

Tgt Ion:104 Resp: 3684
Ion Ratio Lower Upper
104 100
78 56.5 38.6 58.0
103 62.2 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): 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: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

TP-5AB-COMP

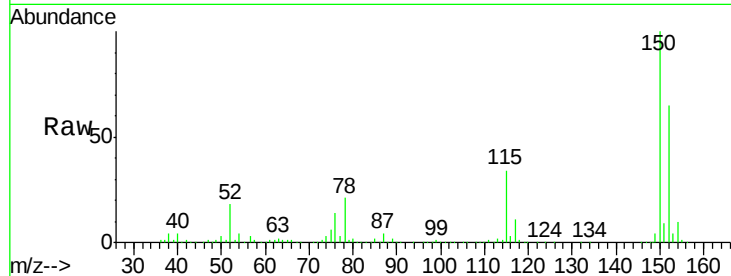
Tot Ion:152 Resp: 170987

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

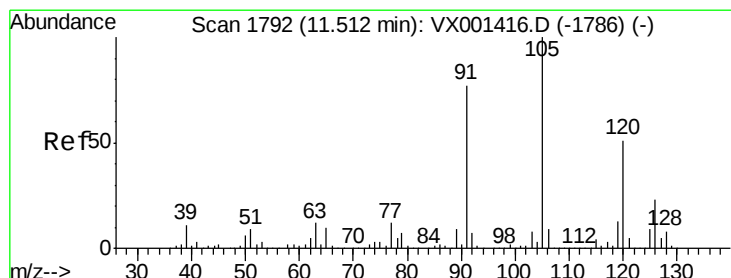
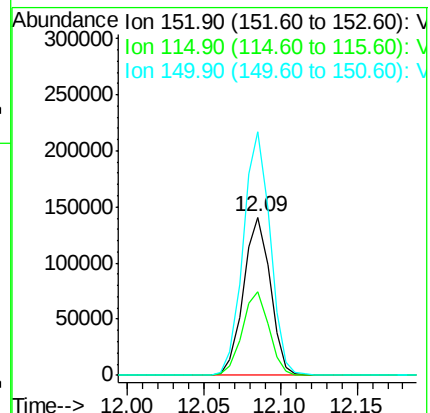
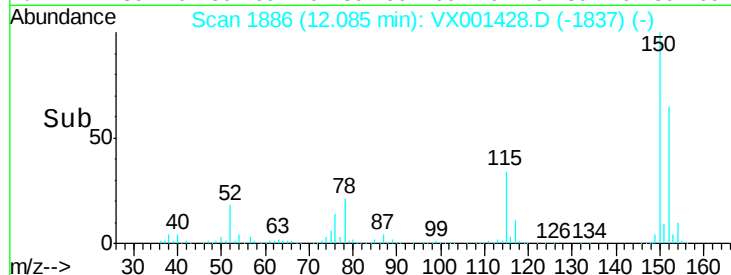
150 154.9 0.0 349.4



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



#80

1,3,5-Trimethylbenzene

Concen: 0.526 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001428.D

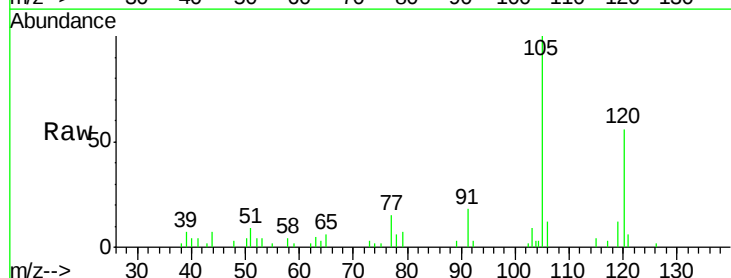
Acq: 05 May 2018 19:41

Tgt Ion:105 Resp: 5182

Ion Ratio Lower Upper

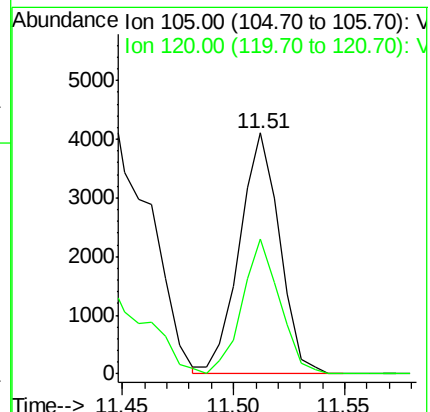
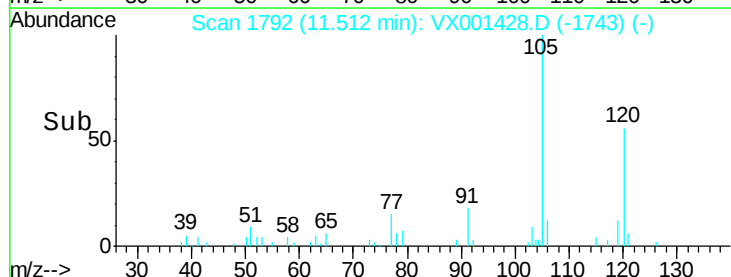
105 100

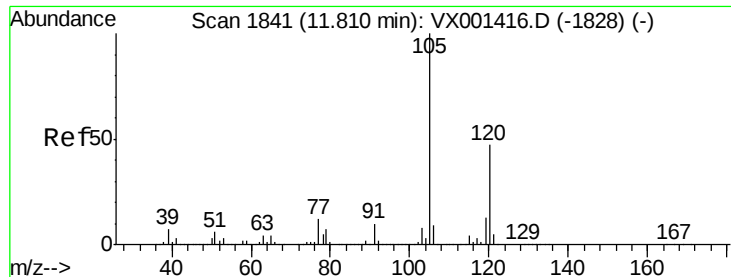
120 52.1 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.384 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

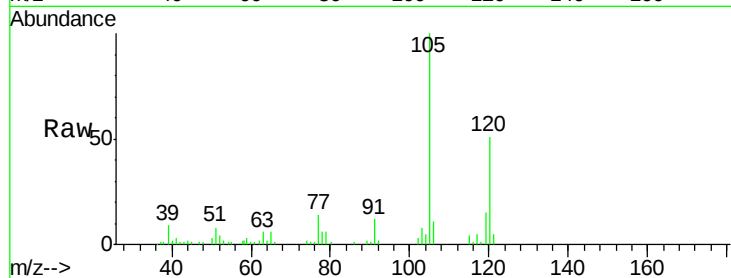
TP-5AB-COMP

Tot Ion:105 Resp: 14014

Ion Ratio Lower Upper

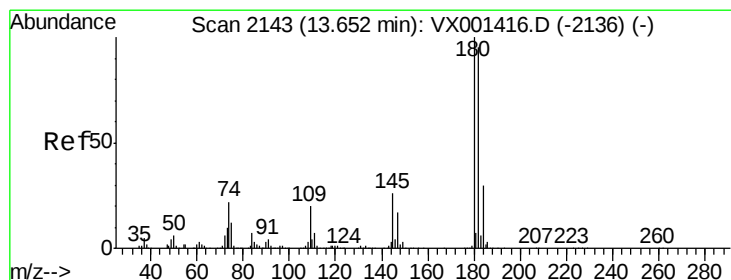
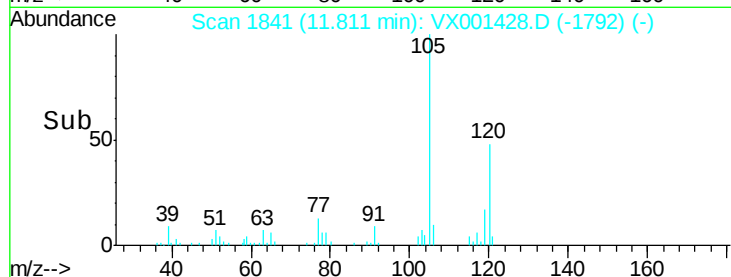
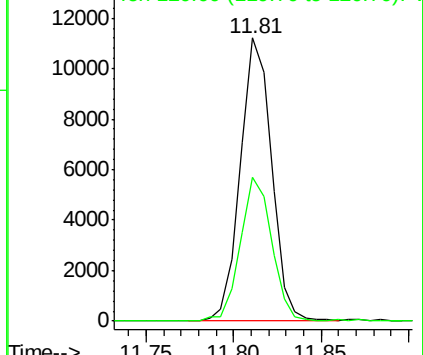
105 100

120 50.8 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 0.662 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

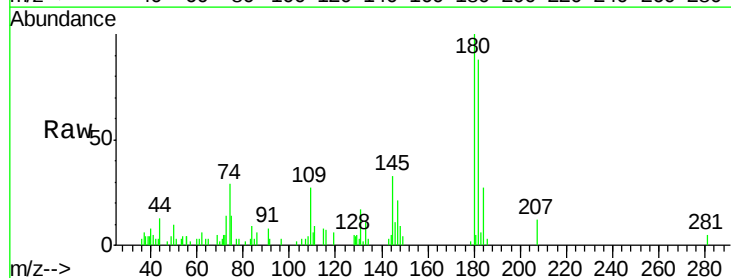
Tgt Ion:180 Resp: 3030

Ion Ratio Lower Upper

180 100

182 87.1 47.8 143.4

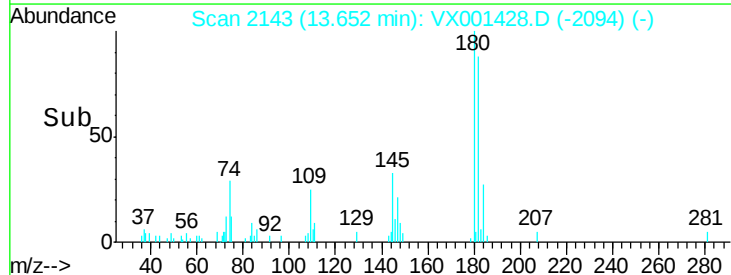
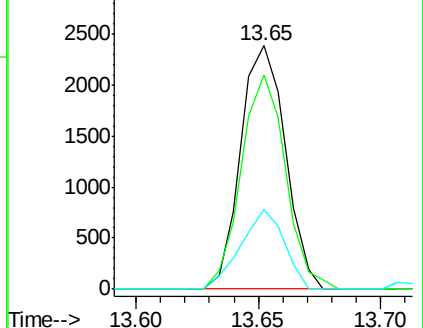
145 31.9 13.3 39.9

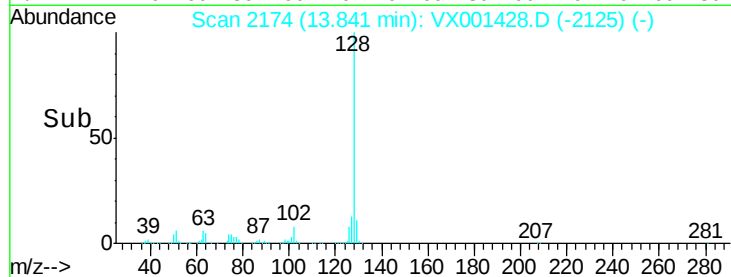
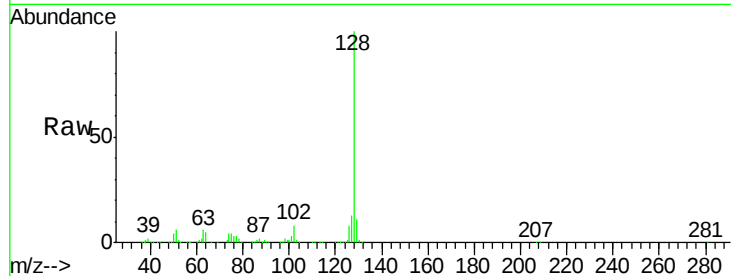
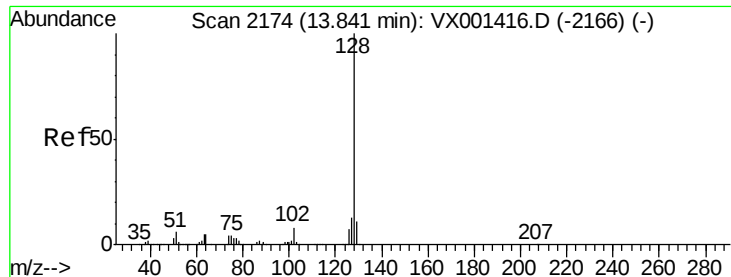


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 21.277 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001428.D

Acq: 05 May 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

TP-5AB-COMP

Tot Ion:128 Resp: 269503

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.7 13.1

