

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000304.D
 Acq On : 13 Mar 2018 17:03
 Operator : JC/MD
 Sample : J1898-10 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11B-COMP

Quant Time: Mar 14 01:17:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	116508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201570	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102102	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	82306	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
35) Dibromofluoromethane	5.52	113	59818	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	8.73	98	235081	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
62) 4-Bromofluorobenzene	11.15	95	86145	42.09	ug/l	0.00
Spiked Amount			Recovery	=	84.18%	

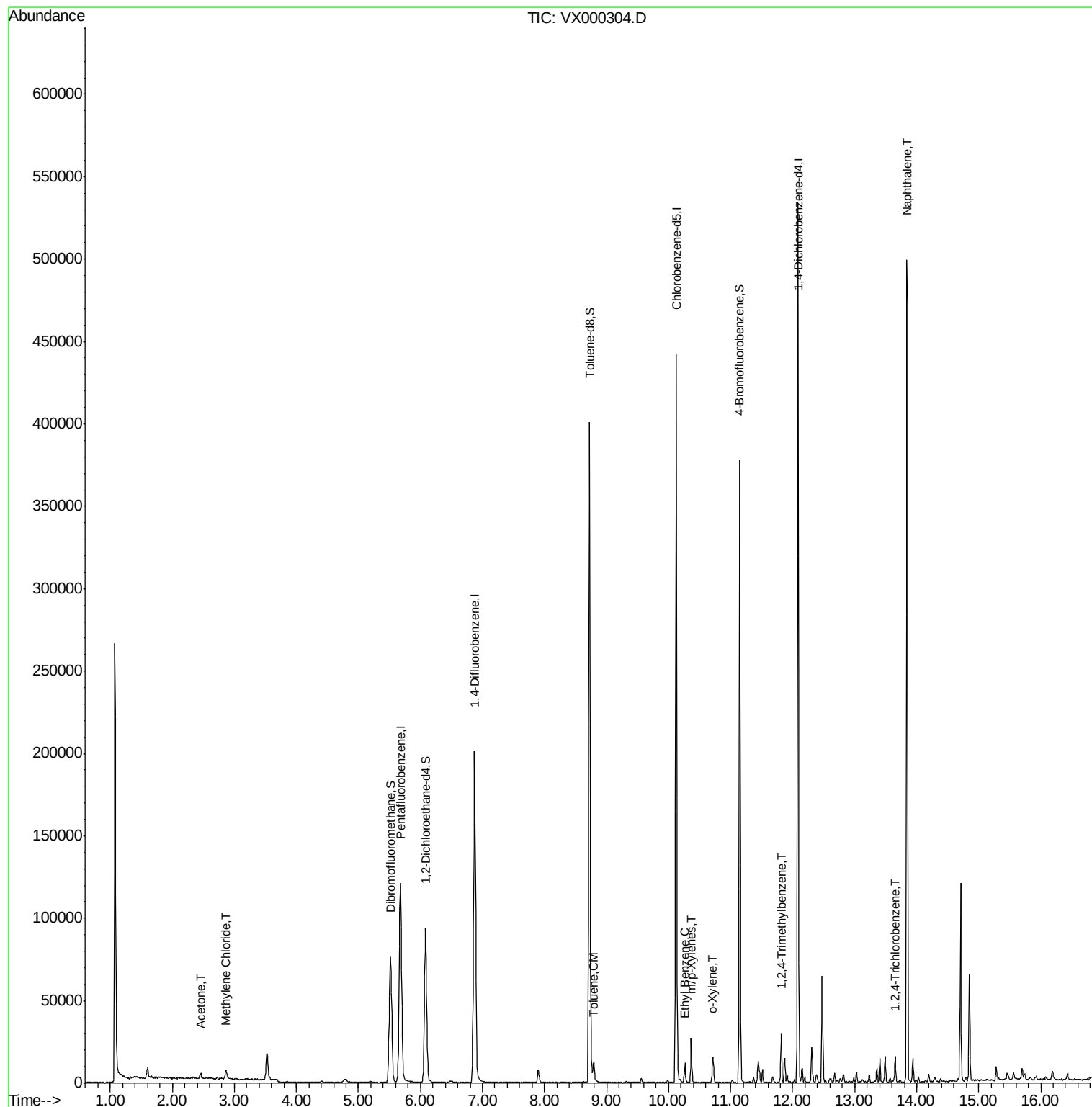
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.46	43	3703	3.19	ug/l	98
20) Methylene Chloride	2.86	84	2050	1.48	ug/l	88
52) Toluene	8.79	92	3555	1.00	ug/l	99
67) Ethyl Benzene	10.26	91	7449	1.11	ug/l	97
68) m/p-Xylenes	10.37	106	5858	2.28	ug/l	98
69) o-Xylene	10.71	106	2569	1.04	ug/l	83
84) 1,2,4-Trimethylbenzene	11.82	105	12251	2.23	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	3392	1.50	ug/l	95
95) Naphthalene	13.84	128	296944	37.60	ug/l	100

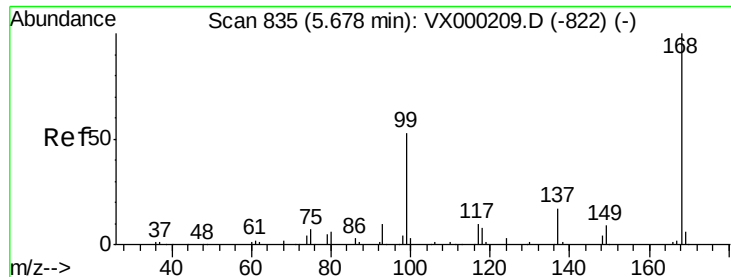
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

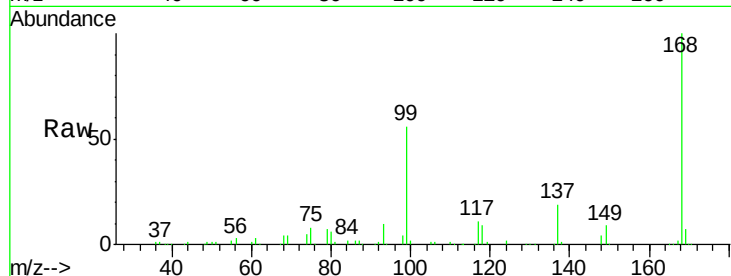
TP-11B-COMP

Tot Ion:168 Resp: 116508

Ion Ratio Lower Upper

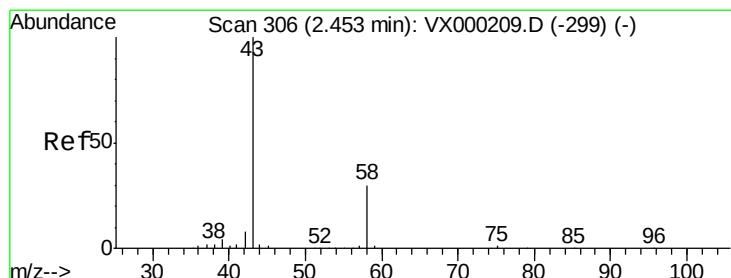
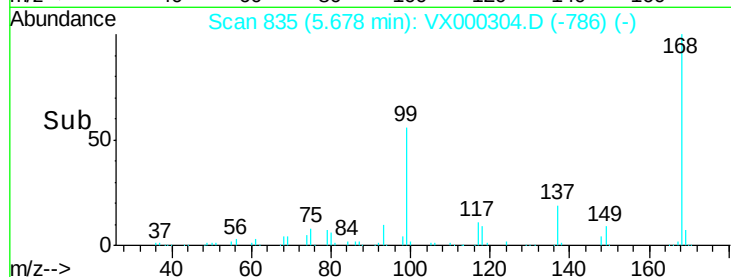
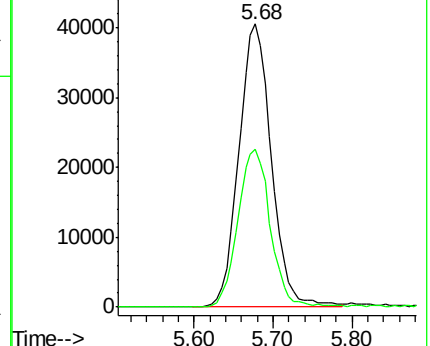
168 100

99 55.8 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.19 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000304.D

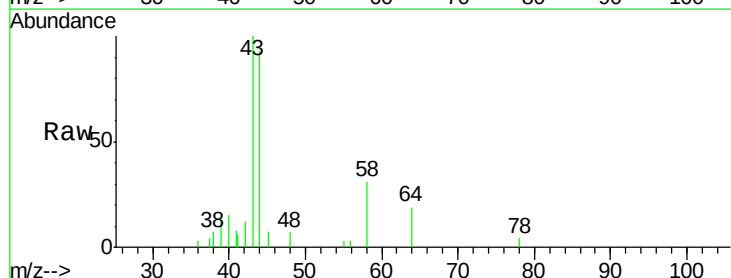
Acq: 13 Mar 2018 17:03

Tgt Ion: 43 Resp: 3703

Ion Ratio Lower Upper

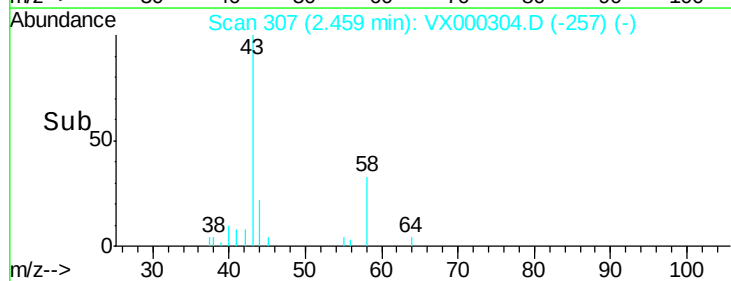
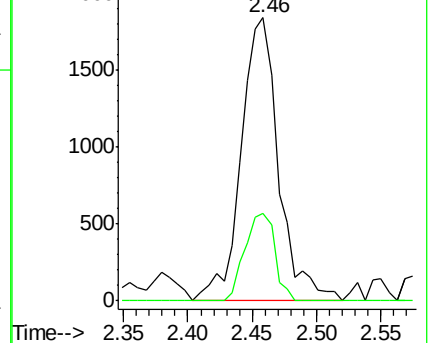
43 100

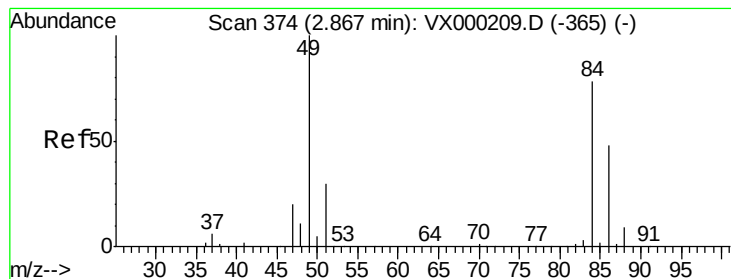
58 30.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 1.48 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

TP-11B-COMP

Tot Ion: 84 Resp: 2050

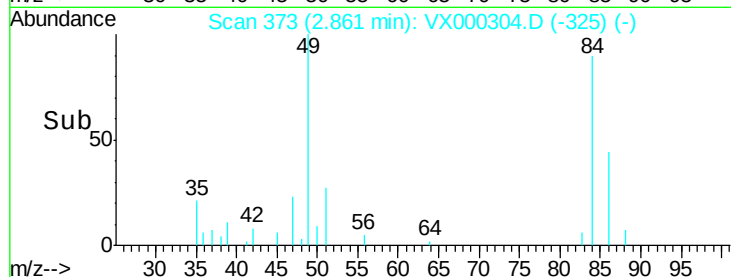
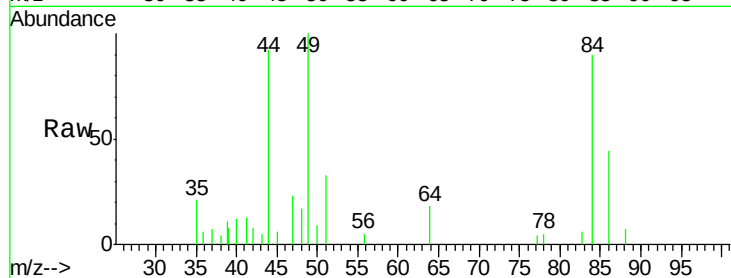
Ion Ratio Lower Upper

84 100

49 111.7 102.1 153.1

51 36.4 30.6 45.8

86 49.5 49.0 73.6

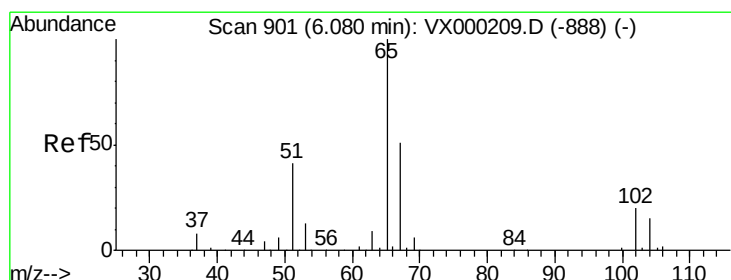
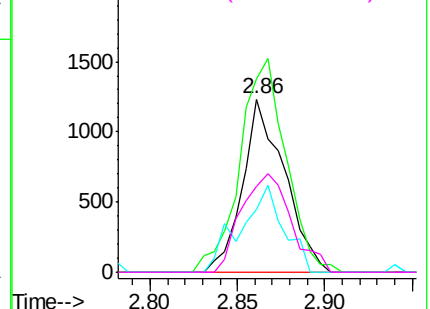


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#33

1,2-Dichloroethane-d4

Concen: 50.96 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000304.D

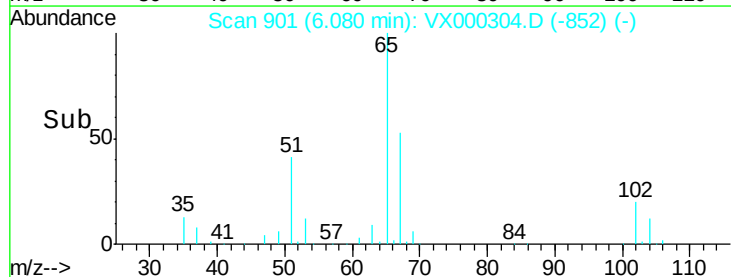
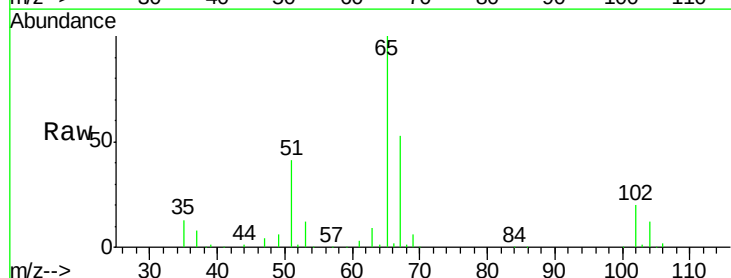
Acq: 13 Mar 2018 17:03

Tgt Ion: 65 Resp: 82306

Ion Ratio Lower Upper

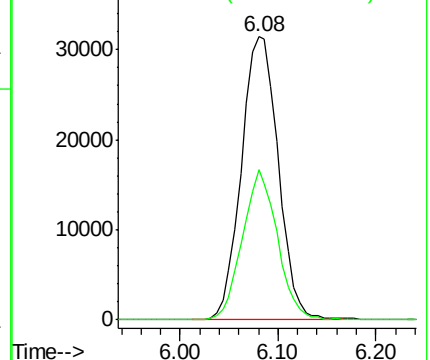
65 100

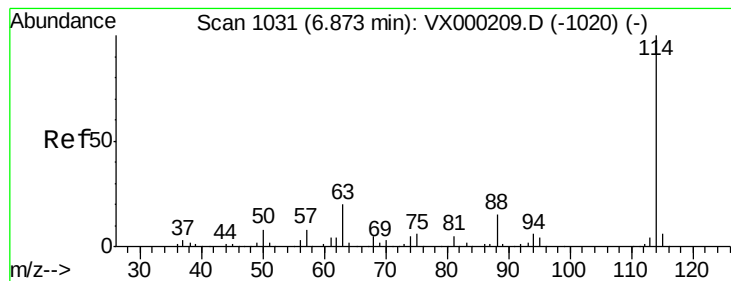
67 50.2 0.0 103.4



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. -0.00 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

TP-11B-COMP

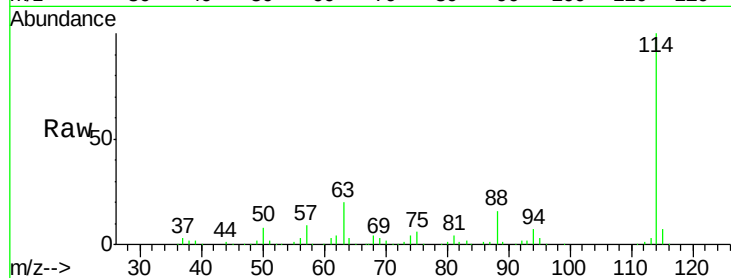
Tot Ion:114 Resp: 201570

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

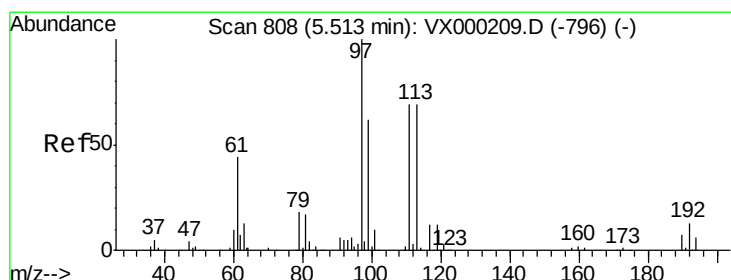
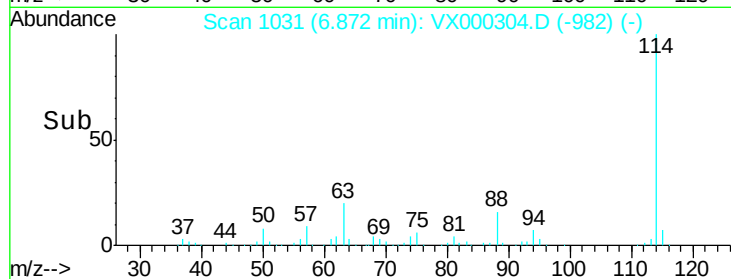
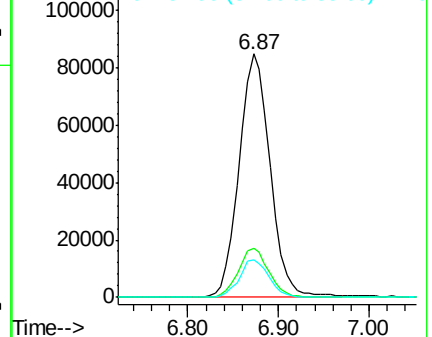
88 15.6 0.0 29.8



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: 47.24 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

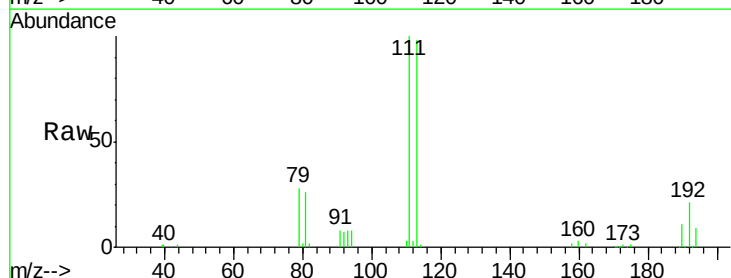
Tgt Ion:113 Resp: 59818

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

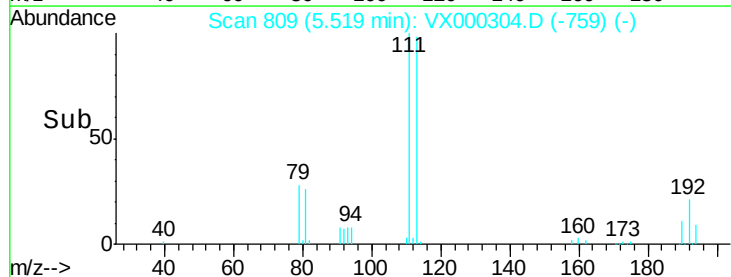
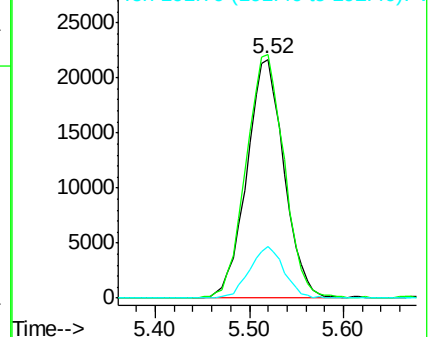
192 20.0 15.5 23.3

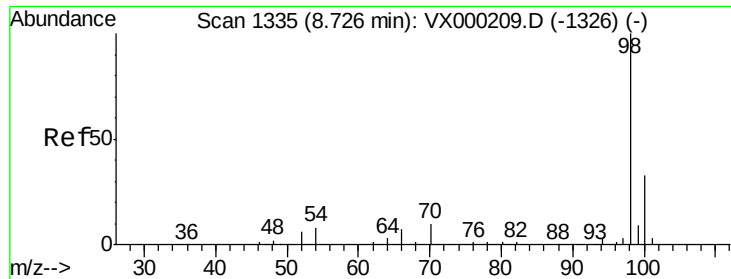


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.83 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

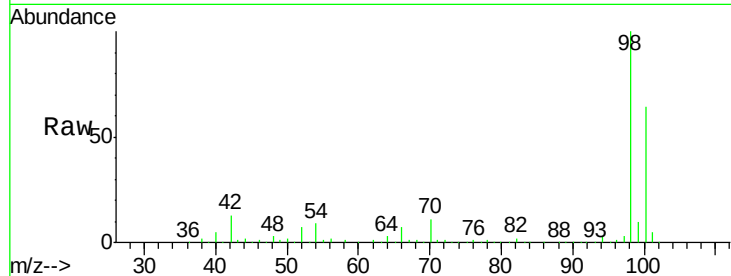
TP-11B-COMP

Tot Ion: 98 Resp: 235081

Ion Ratio Lower Upper

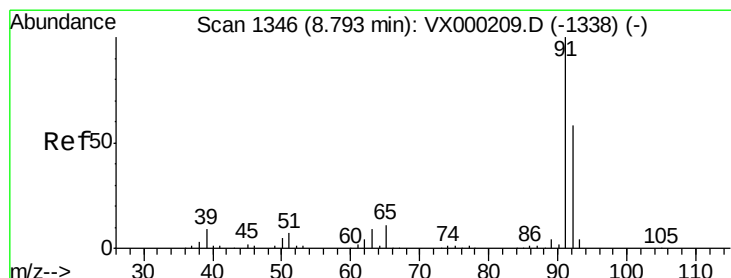
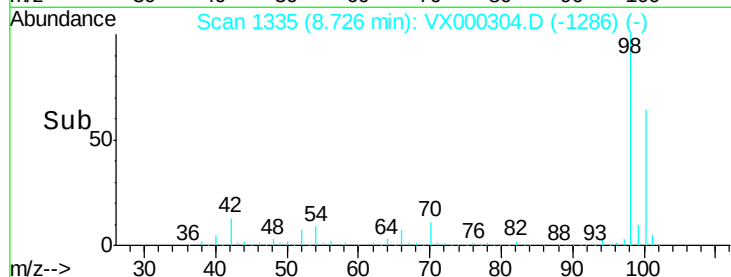
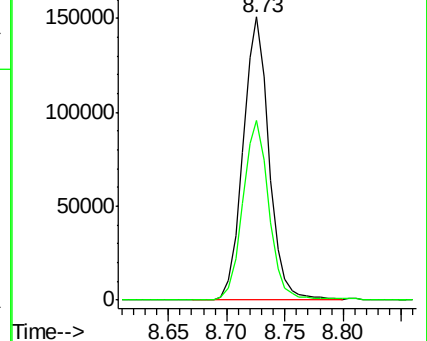
98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 1.00 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000304.D

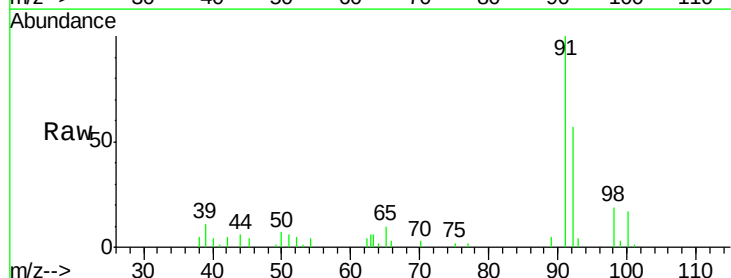
Acq: 13 Mar 2018 17:03

Tgt Ion: 92 Resp: 3555

Ion Ratio Lower Upper

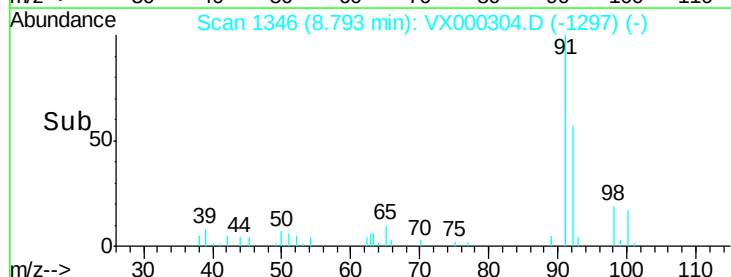
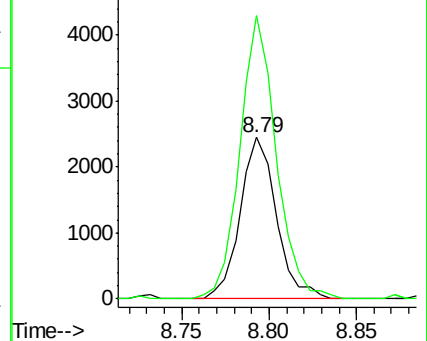
92 100

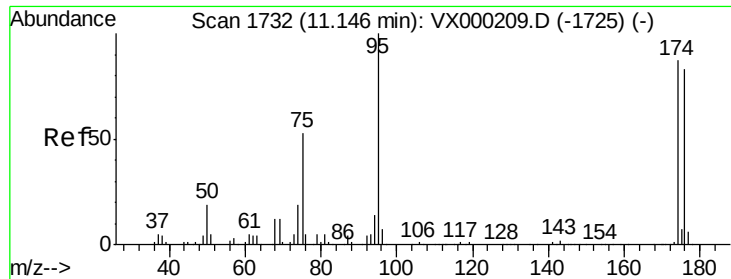
91 174.7 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

Instrument :

MSVOA_X

ClientSampleId :

TP-11B-COMP

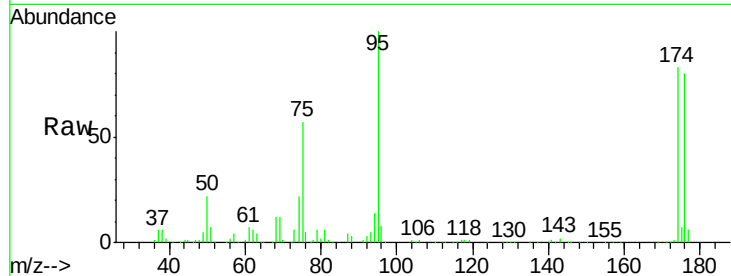
Tot Ion: 95 Resp: 86145

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.6

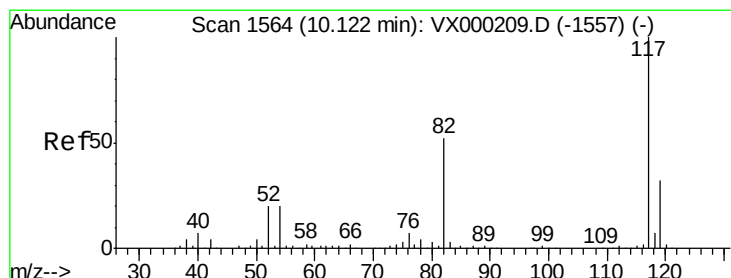
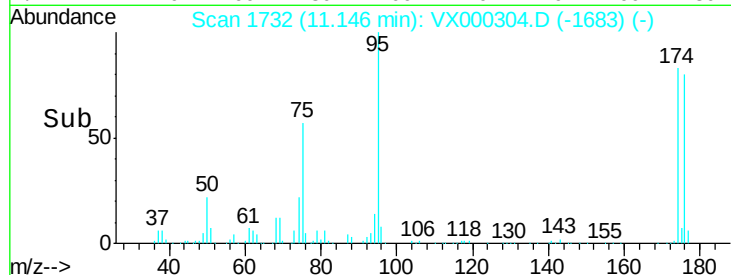
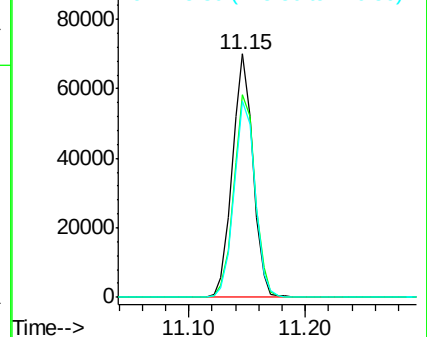
176 82.5 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX000304.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000304.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000304.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000304.D

Acq: 13 Mar 2018 17:03

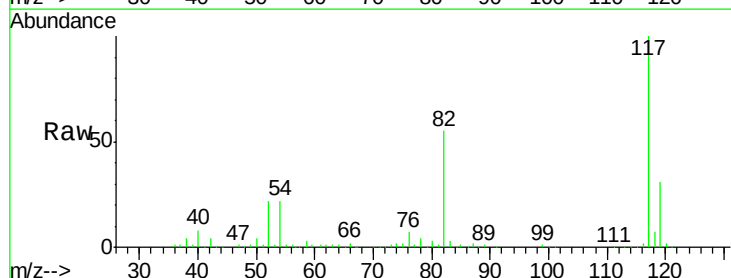
Tgt Ion: 117 Resp: 189752

Ion Ratio Lower Upper

117 100

82 54.9 42.0 63.0

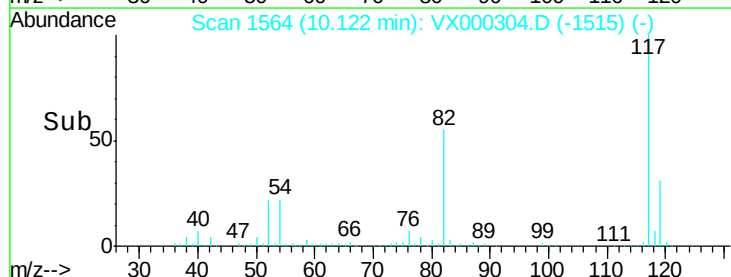
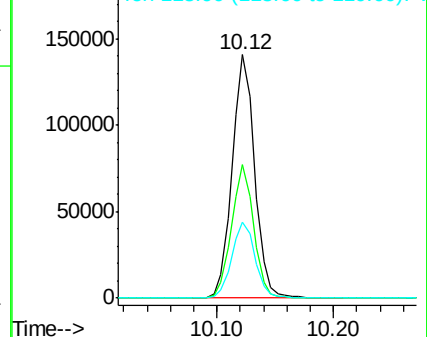
119 31.4 25.3 37.9

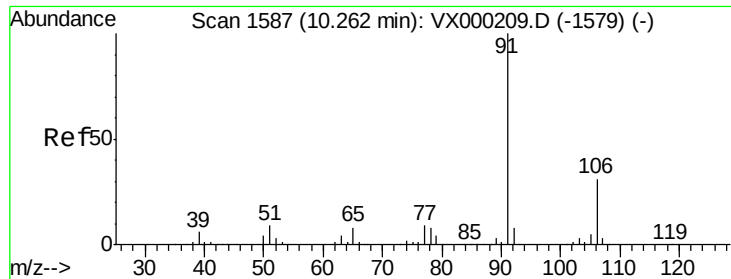


Abundance Ion 116.90 (116.60 to 117.60): VX000304.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000304.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000304.D (-1515) (-)

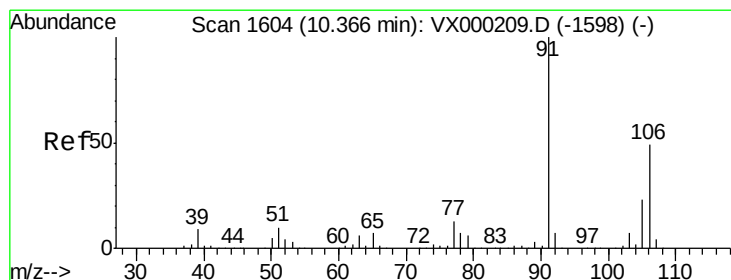
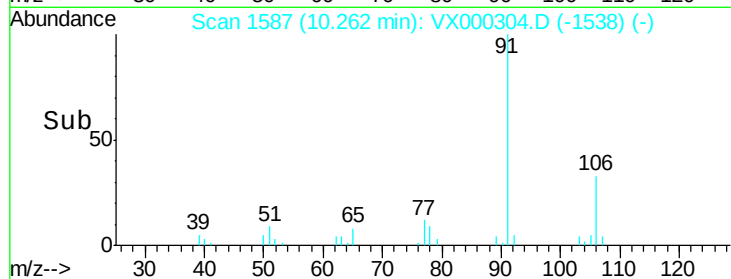
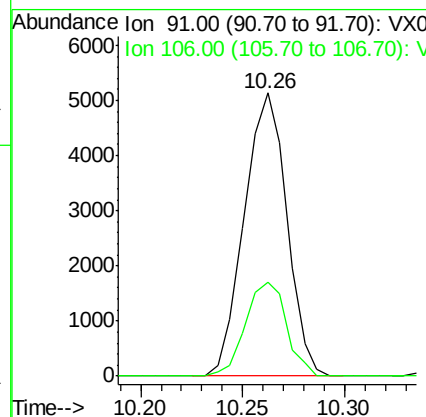
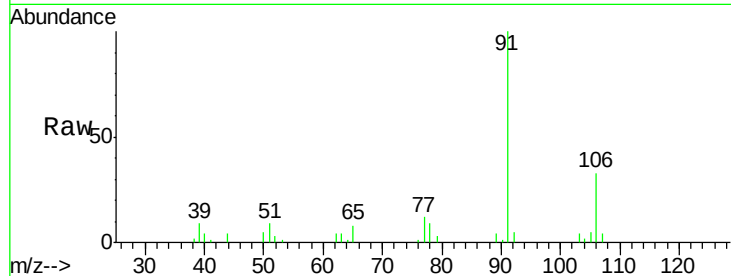




#67
Ethyl Benzene
Concen: 1.11 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000304.D
Acq: 13 Mar 2018 17:03

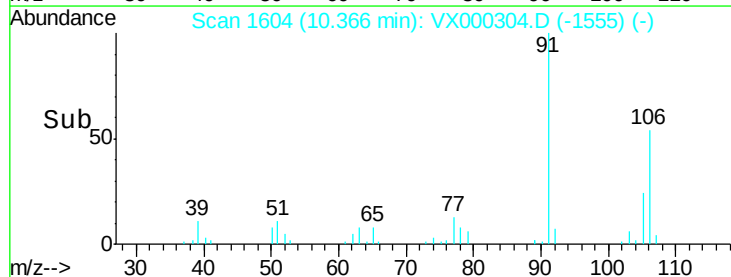
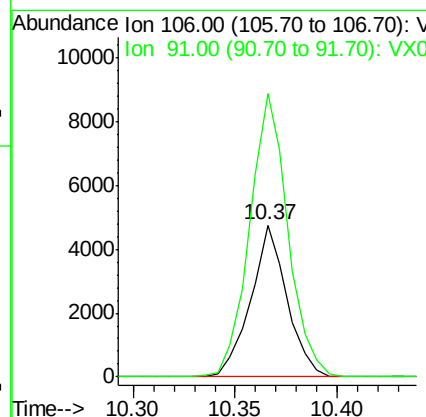
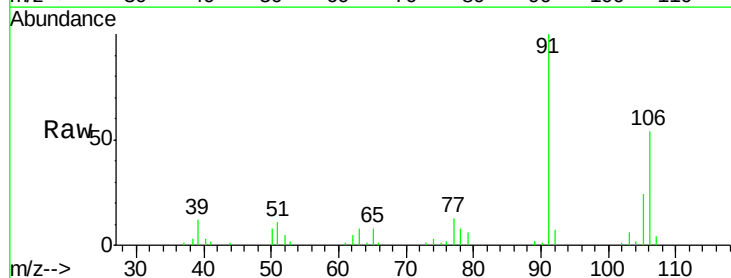
Instrument :
MSVOA_X
ClientSampled :
TP-11B-COMP

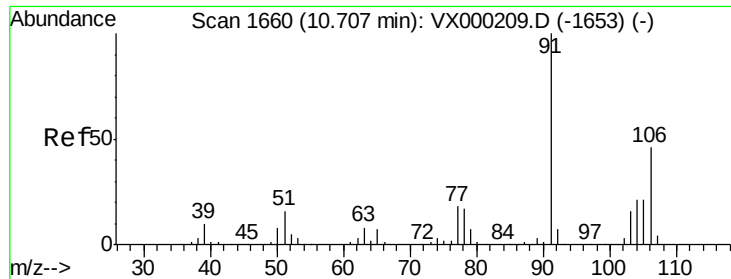
Tot Ion: 91 Resp: 7449
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8



#68
m/p-Xylenes
Concen: 2.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000304.D
Acq: 13 Mar 2018 17:03

Tgt Ion: 106 Resp: 5858
Ion Ratio Lower Upper
106 100
91 197.3 160.9 241.3

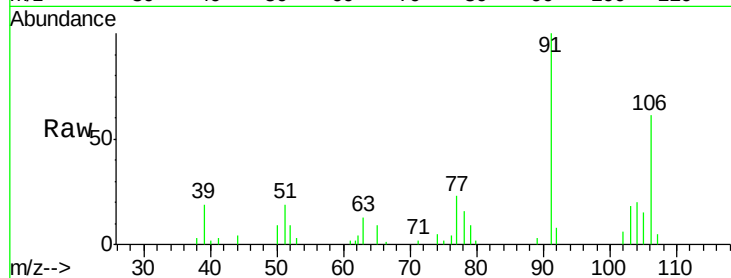




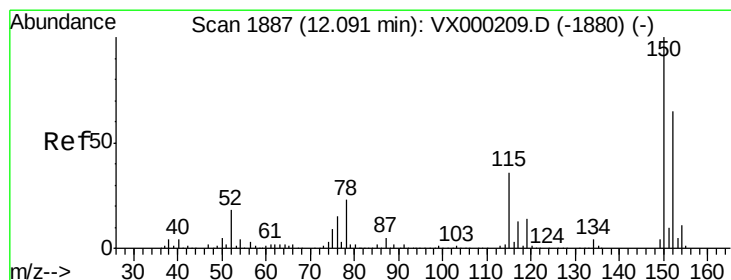
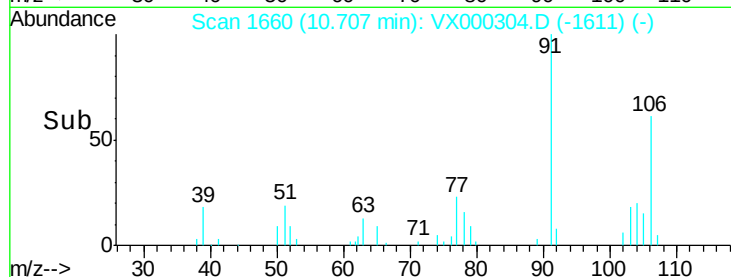
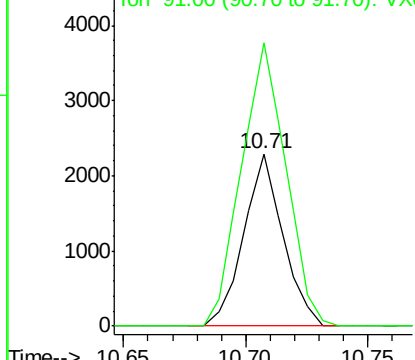
#69
o-Xylene
Concen: 1.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000304.D
Acq: 13 Mar 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
TP-11B-COMP

Tot Ion:106 Resp: 2569
Ion Ratio Lower Upper
106 100
91 185.9 105.9 317.7

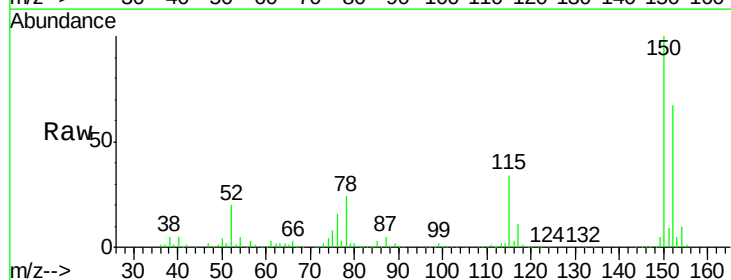


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

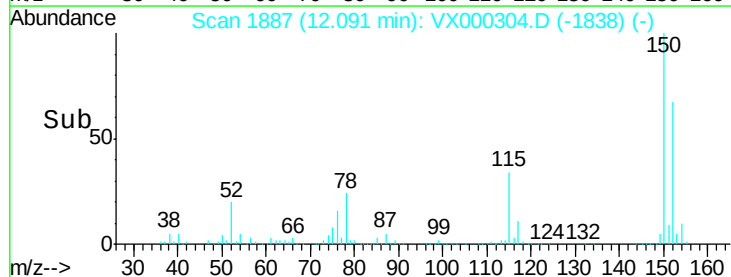
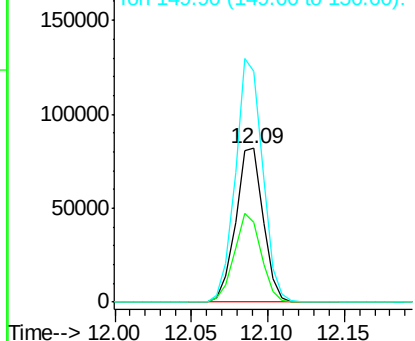


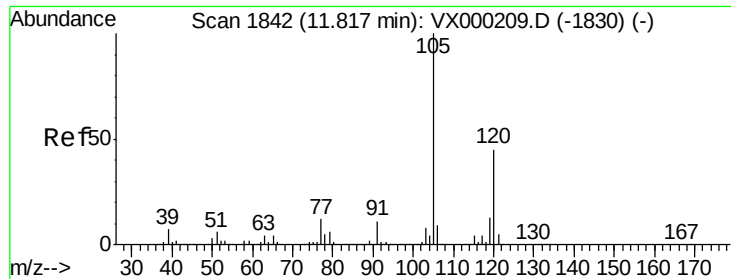
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000304.D
Acq: 13 Mar 2018 17:03

Tgt Ion:152 Resp: 102102
Ion Ratio Lower Upper
152 100
115 55.9 39.8 119.3
150 155.7 0.0 345.0



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

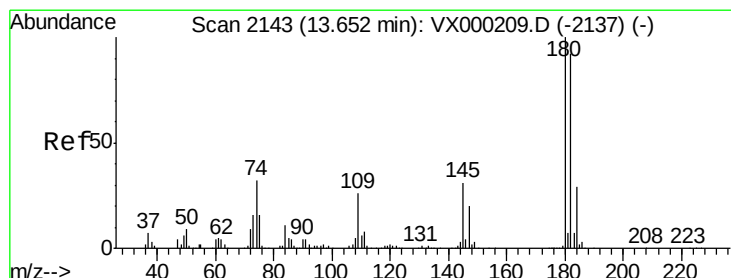
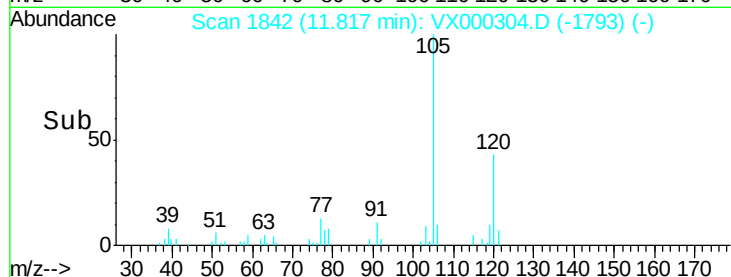
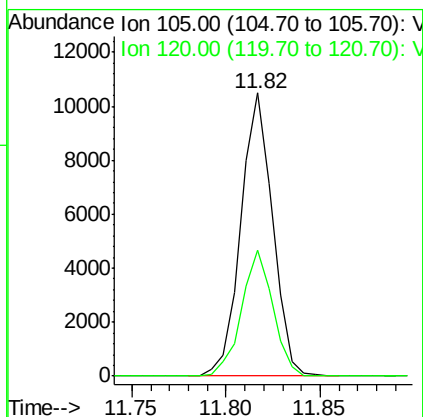
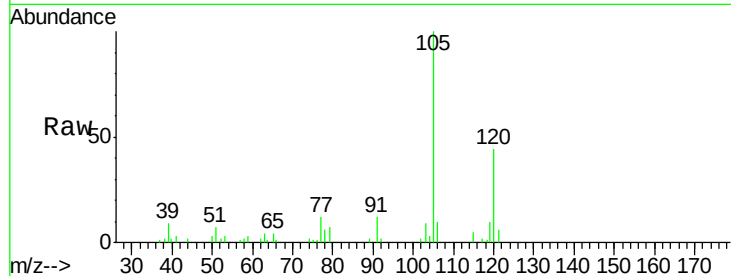




#84
 1,2,4-Trimethylbenzene
 Concen: 2.23 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000304.D
 Acq: 13 Mar 2018 17:03

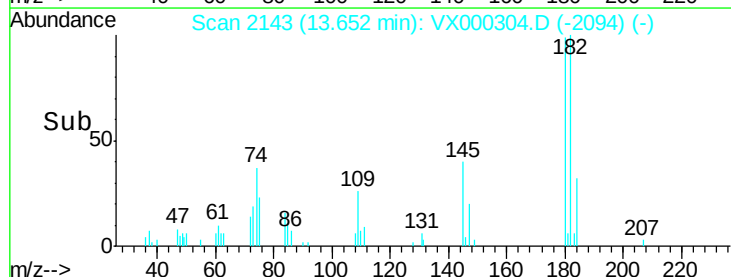
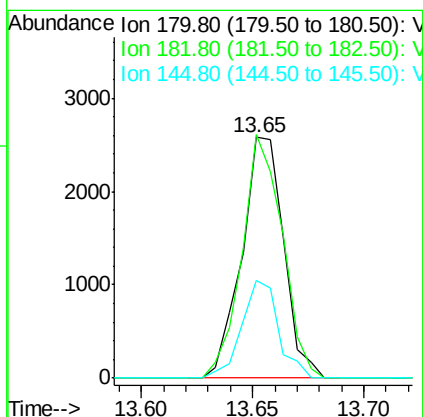
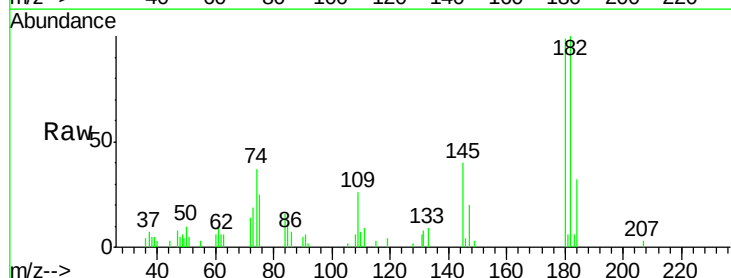
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11B-COMP

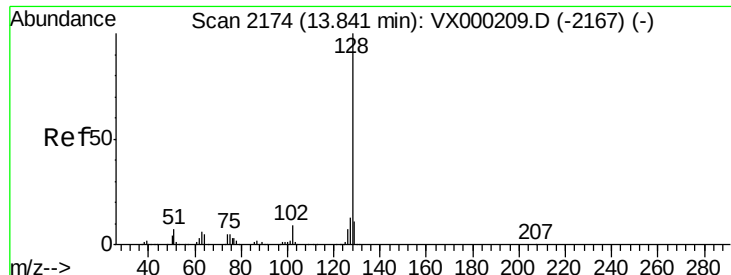
Tot Ion:105 Resp: 12251
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.0 69.0



#93
 1,2,4-Trichlorobenzene
 Concen: 1.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000304.D
 Acq: 13 Mar 2018 17:03

Tgt Ion:180 Resp: 3392
 Ion Ratio Lower Upper
 180 100
 182 97.3 47.0 141.0
 145 35.4 15.3 45.9

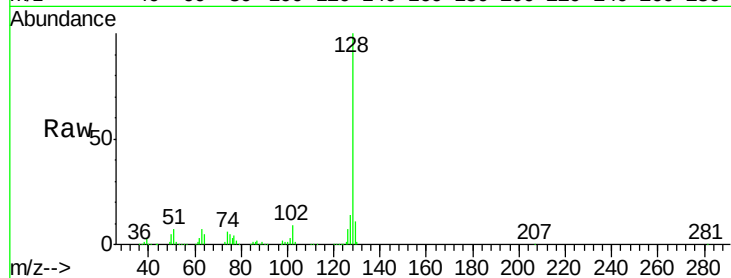




#95
Naphthalene
Concen: 37.60 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000304.D
Acq: 13 Mar 2018 17:03

Instrument :
MSVOA_X
ClientSampleId :
TP-11B-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.8	8.6	13.0



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

