

Data File : VX000201.D
Acq On : 02 Mar 2018 19:25
Operator : JC/MD
Sample : J1699-64 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B21

Quant Time: Mar 03 05:41:44 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	86774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	143142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	132261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	69800	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	55996	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	5.52	113	43159	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	8.73	98	174516	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.15	95	61142	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

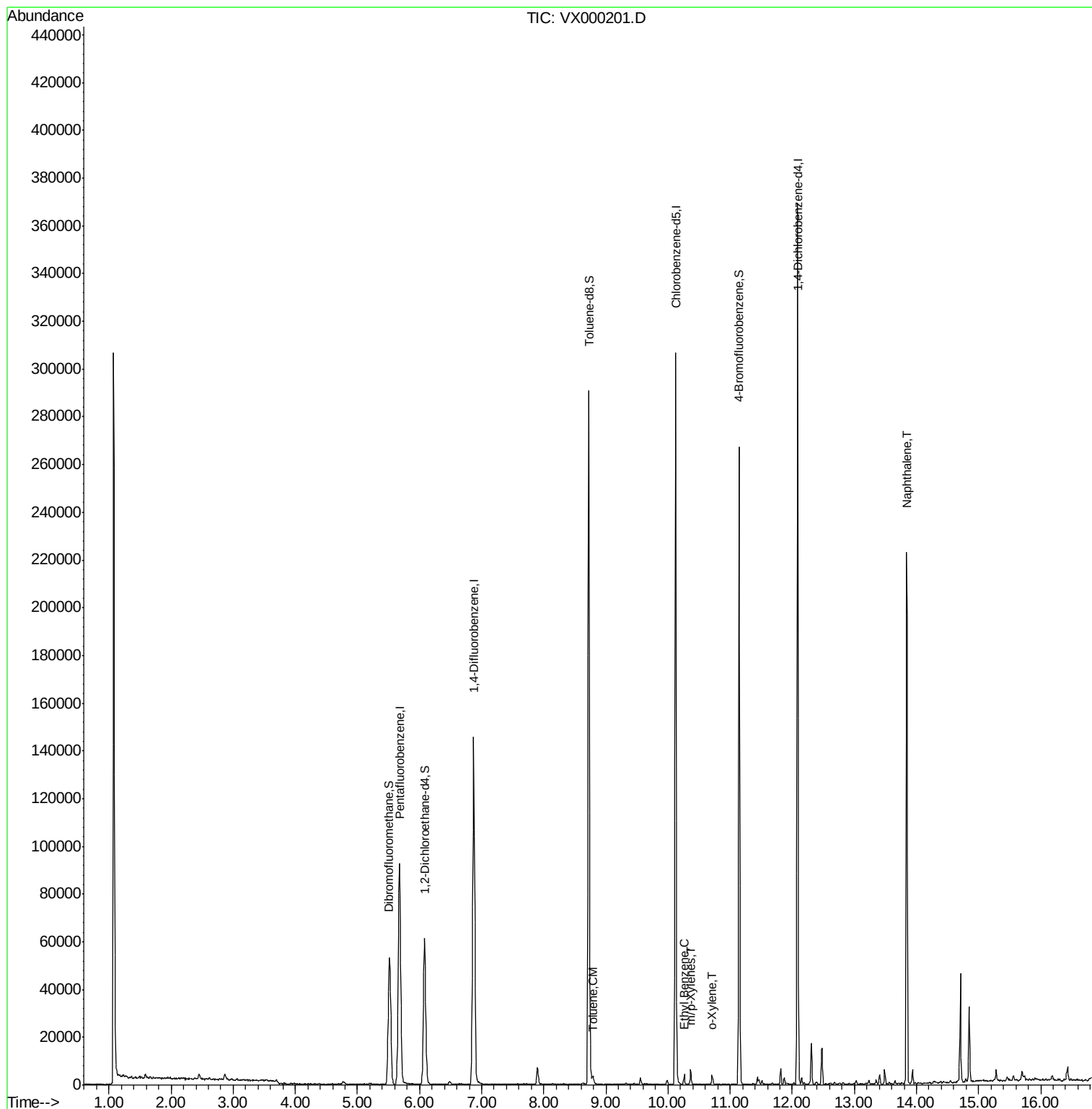
Target Compounds					Qvalue	
52) Toluene	8.79	92	735	0.30	ug/l	84
67) Ethyl Benzene	10.26	91	2479	0.53	ug/l	98
68) m/p-Xylenes	10.36	106	1249	0.67	ug/l	87
69) o-Xylene	10.71	106	736	0.41	ug/l	95
95) Naphthalene	13.84	128	130658	22.69	ug/l	100

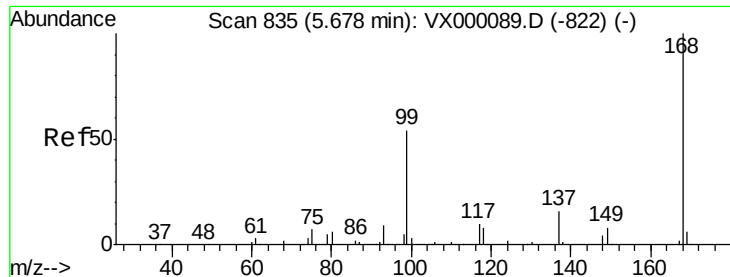
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

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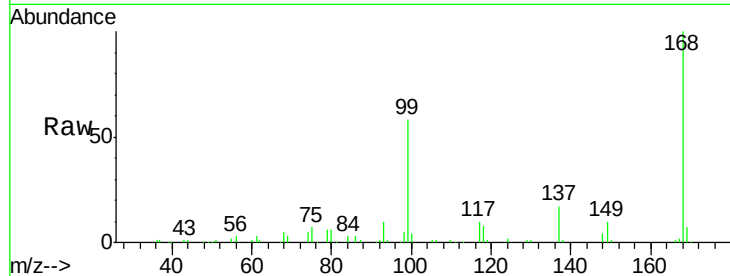
Instrument :
MSVOA_X
ClientSampled :
B21

Tgt Ion:168 Resp: 86774

Ion Ratio Lower Upper

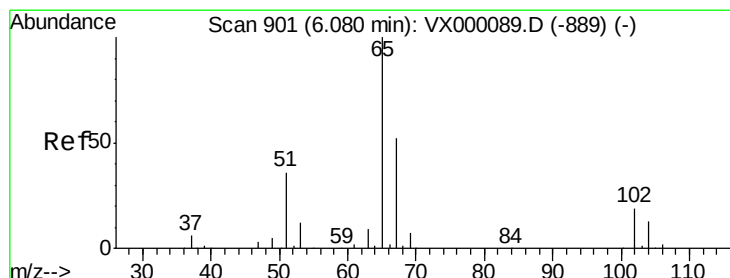
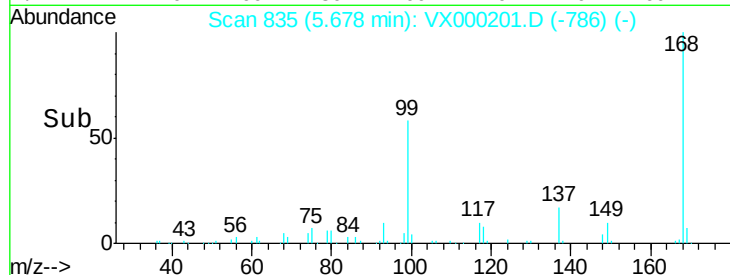
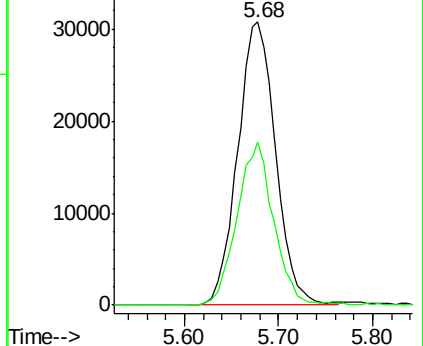
168 100

99 57.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.67 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000201.D

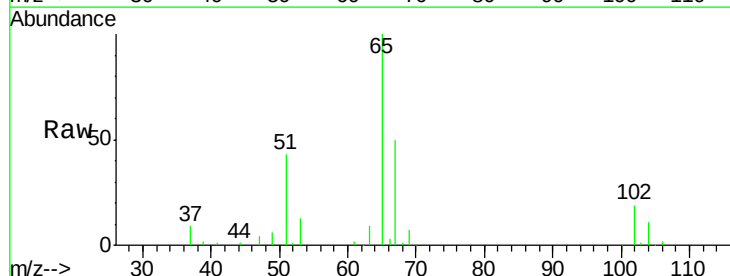
Acq: 02 Mar 2018 19:25

Tgt Ion: 65 Resp: 55996

Ion Ratio Lower Upper

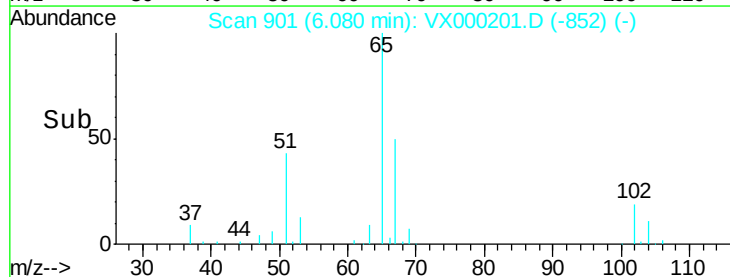
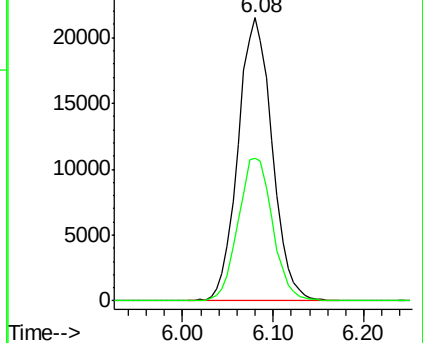
65 100

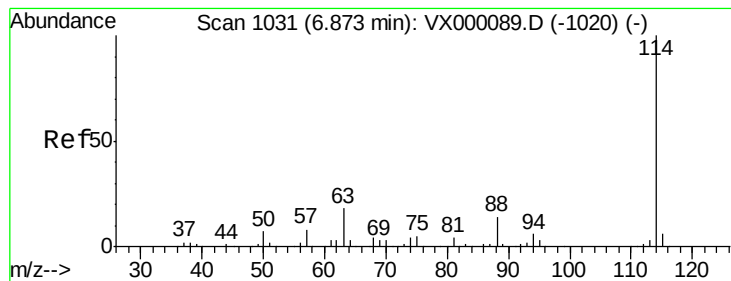
67 50.7 0.0 104.8



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. -0.00 min

Lab File: VX000201.D

Acq: 02 Mar 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

B21

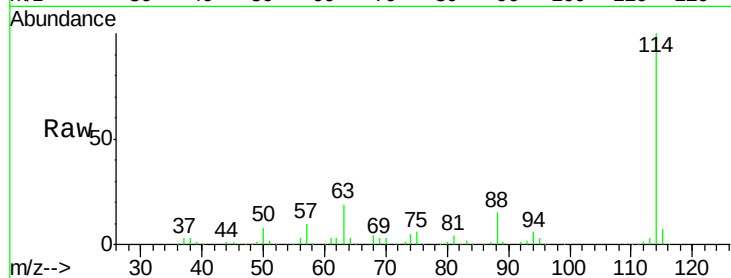
Tgt Ion:114 Resp: 143142

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

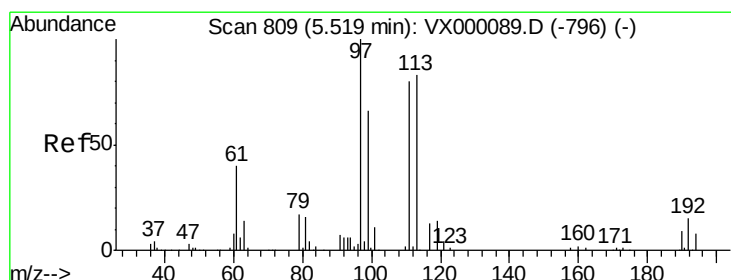
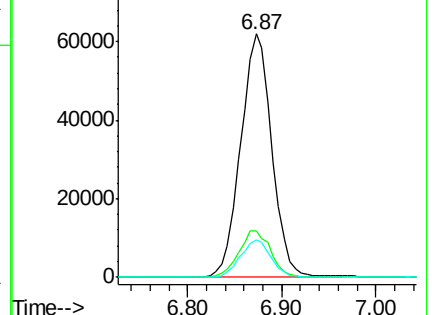
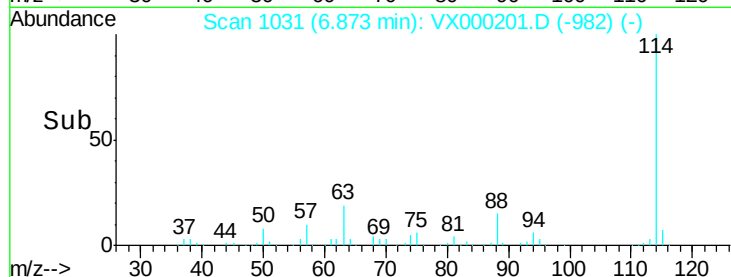
88 15.2 0.0 29.0



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: 47.77 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000201.D

Acq: 02 Mar 2018 19:25

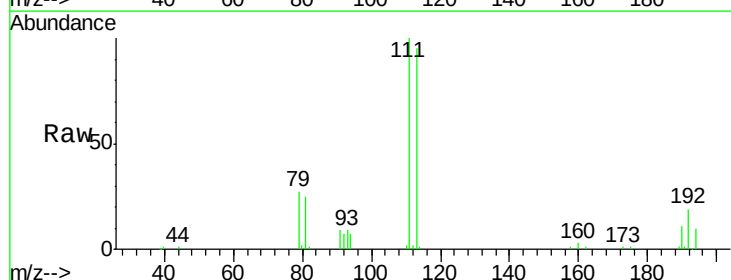
Tgt Ion:113 Resp: 43159

Ion Ratio Lower Upper

113 100

111 103.3 81.0 121.6

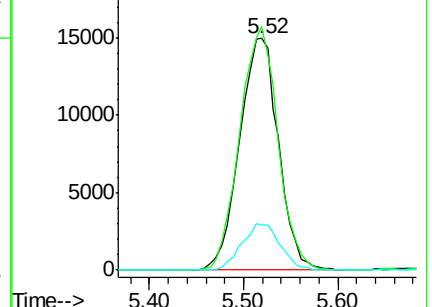
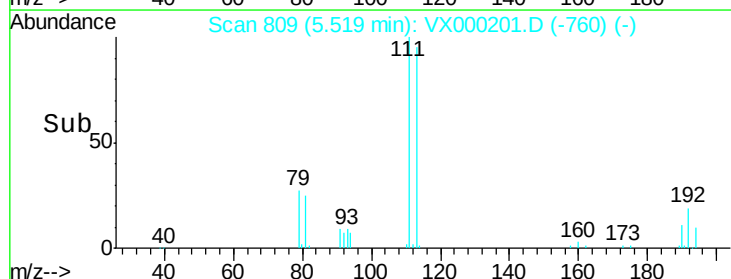
192 19.6 15.7 23.5

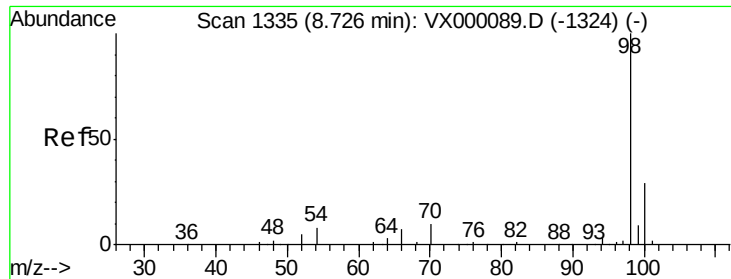


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

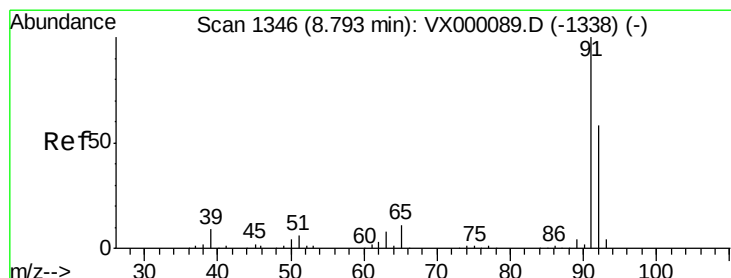
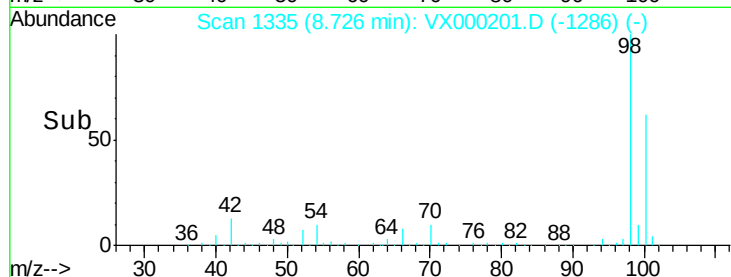
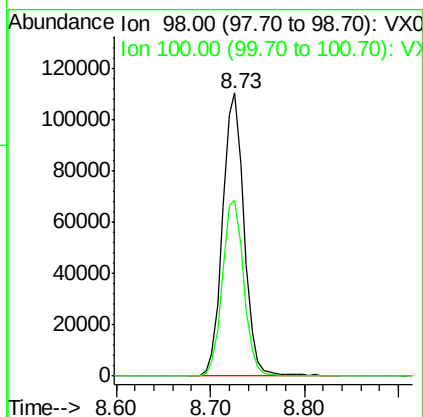
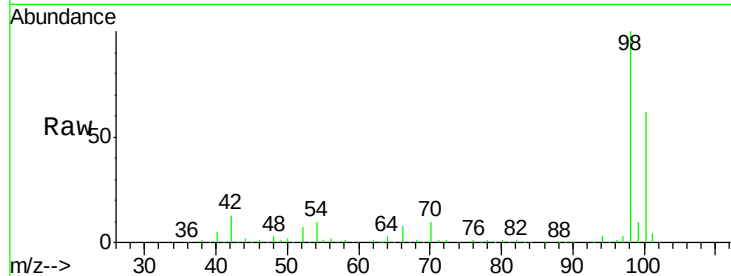




#50
Toluene-d8
Concen: 48.97 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

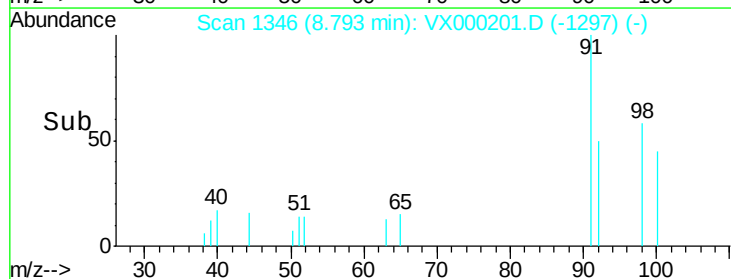
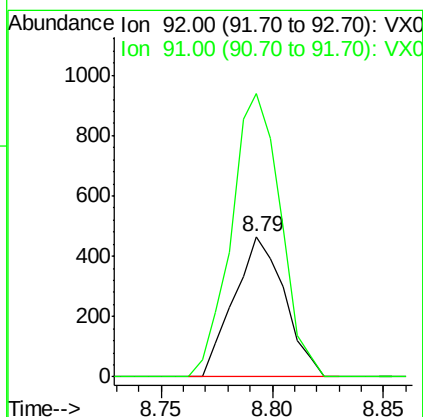
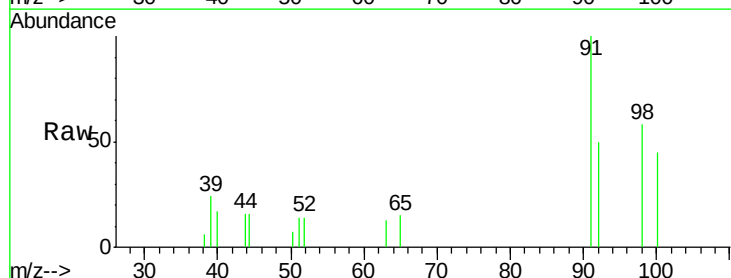
Instrument :
MSVOA_X
ClientSampled :
B21

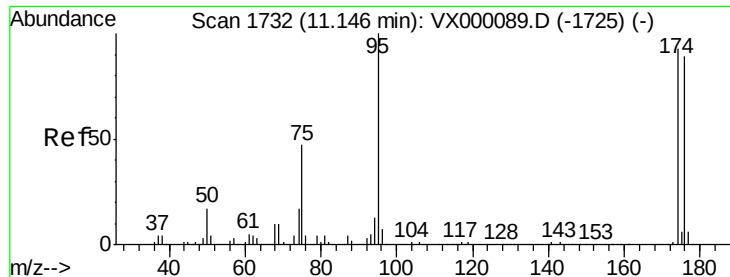
Tgt Ion: 98 Resp: 174516
Ion Ratio Lower Upper
98 100
100 62.7 52.2 78.2



#52
Toluene
Concen: 0.30 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

Tgt Ion: 92 Resp: 735
Ion Ratio Lower Upper
92 100
91 197.4 139.8 209.6

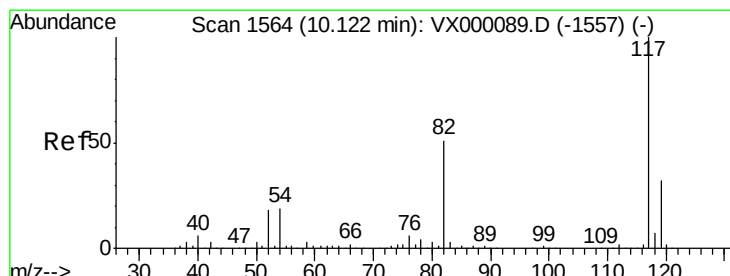
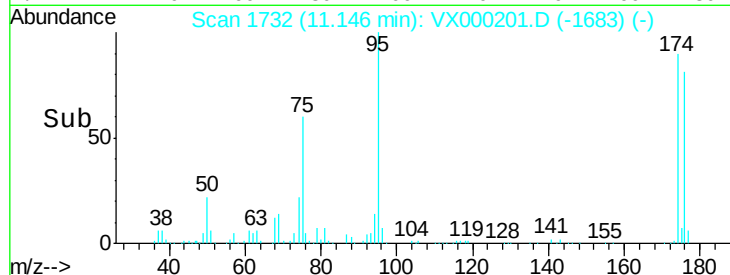
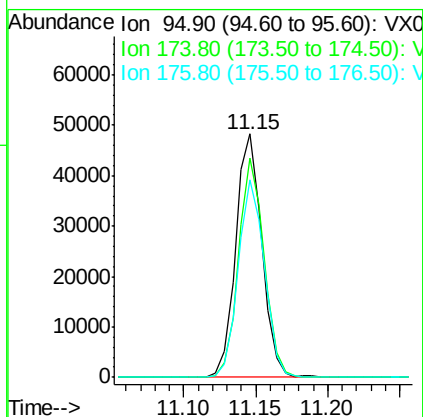
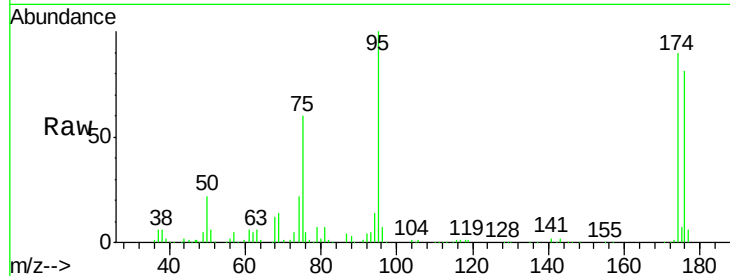




#62
4-Bromofluorobenzene
Concen: 43.76 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

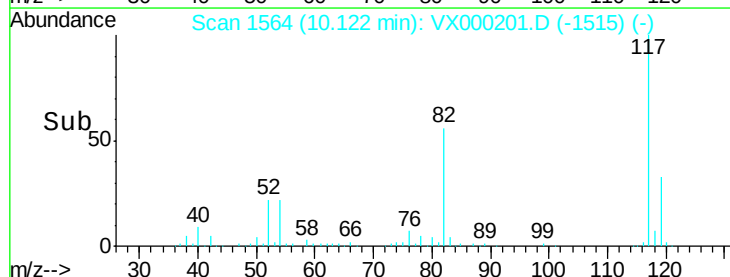
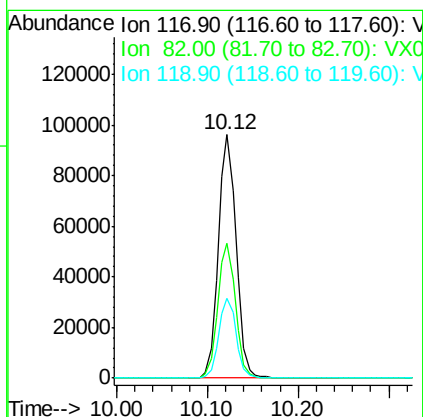
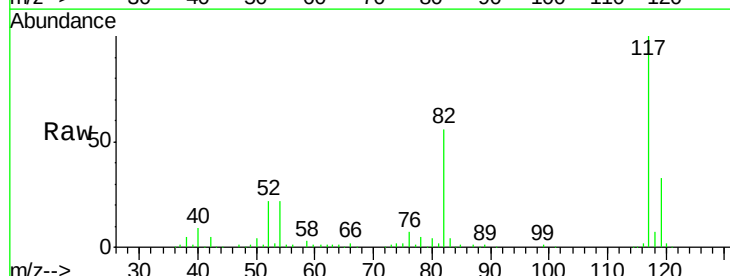
Instrument :
MSVOA_X
ClientSampleId :
B21

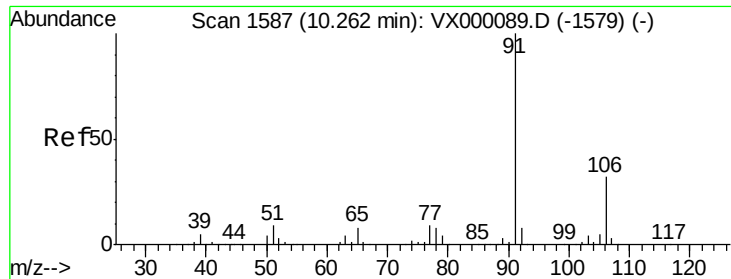
Tgt Ion: 95 Resp: 61142
Ion Ratio Lower Upper
95 100
174 87.5 0.0 187.8
176 80.9 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

Tgt Ion: 117 Resp: 132261
Ion Ratio Lower Upper
117 100
82 55.6 41.0 61.6
119 32.6 25.5 38.3

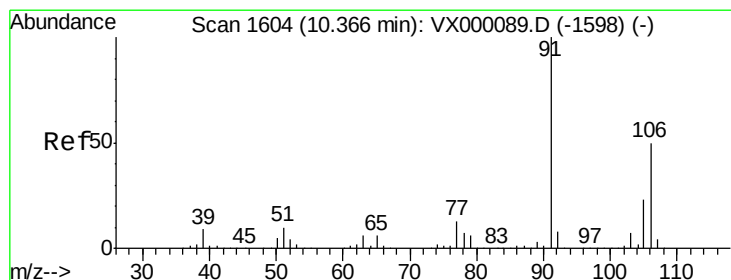
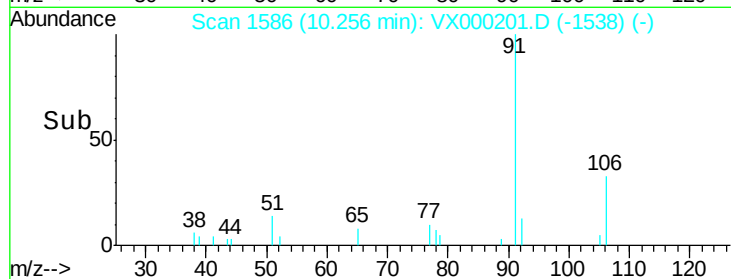
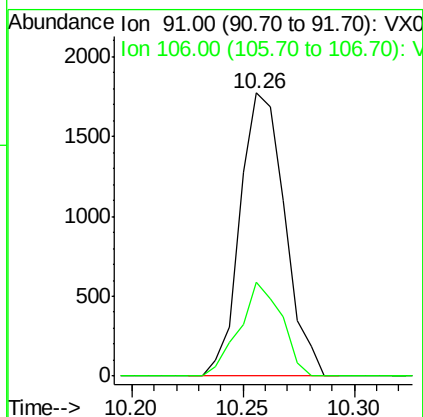
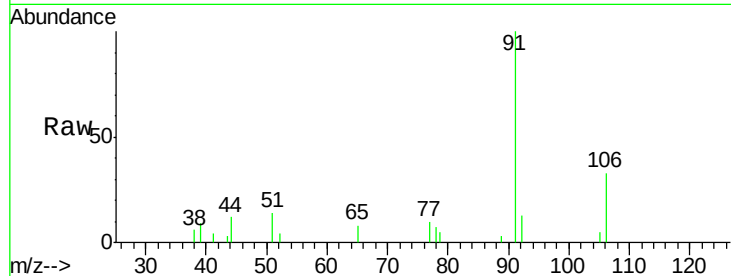




#67
Ethyl Benzene
Concen: 0.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

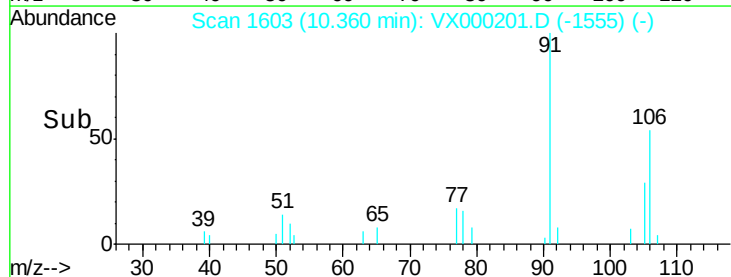
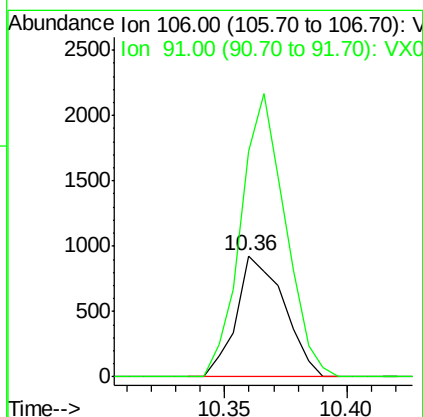
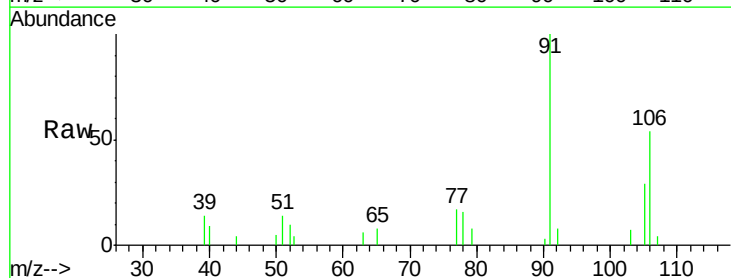
Instrument :
MSVOA_X
ClientSampled :
B21

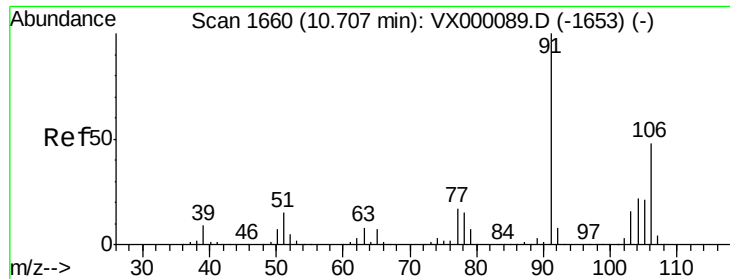
Tgt Ion: 91 Resp: 2479
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.6



#68
m/p-Xylenes
Concen: 0.67 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

Tgt Ion: 106 Resp: 1249
Ion Ratio Lower Upper
106 100
91 218.8 159.1 238.7

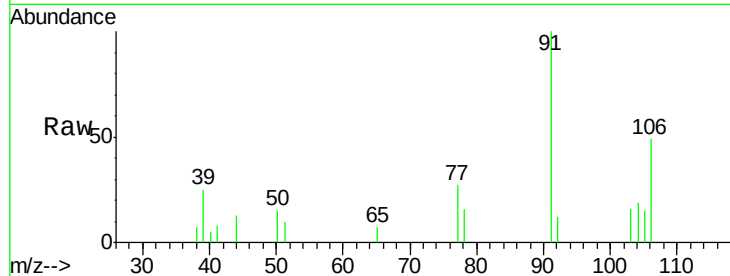




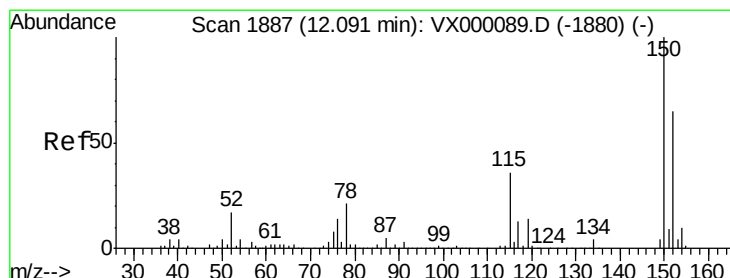
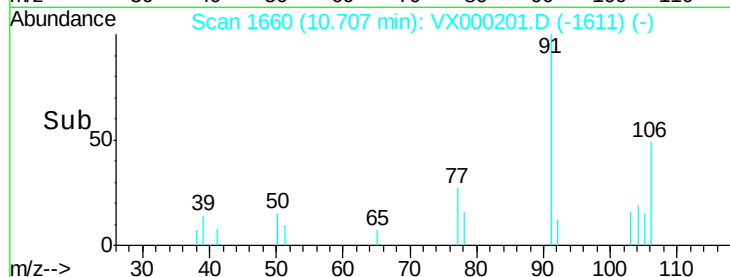
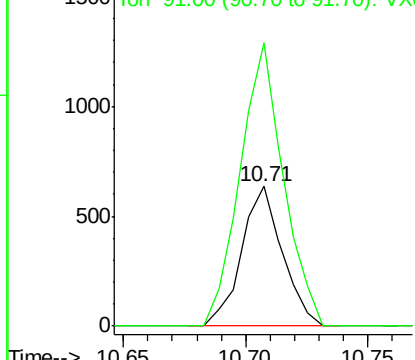
#69
o-Xylene
Concen: 0.41 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

Instrument :
MSVOA_X
ClientSampled :
B21

Tgt Ion:106 Resp: 736
Ion Ratio Lower Upper
106 100
91 215.6 103.8 311.6

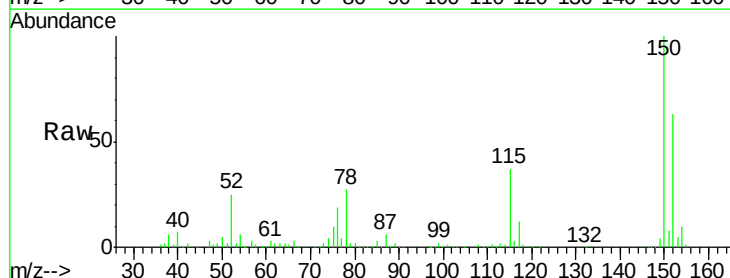


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

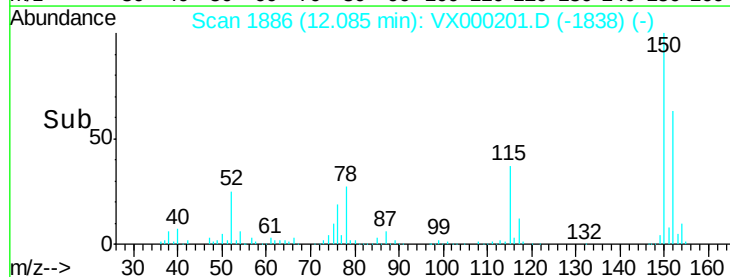
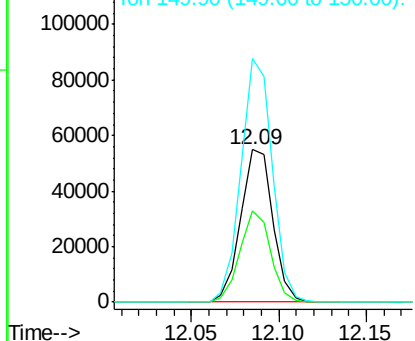


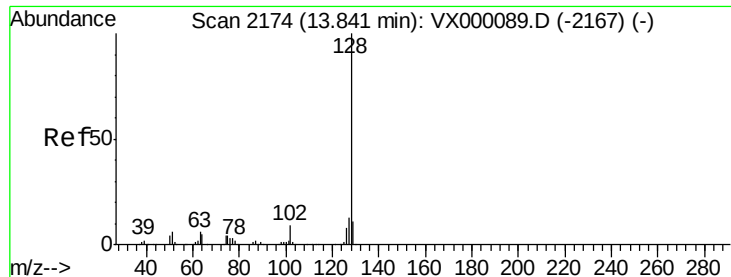
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

Tgt Ion:152 Resp: 69800
Ion Ratio Lower Upper
152 100
115 57.1 39.1 117.2
150 156.5 0.0 348.2



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

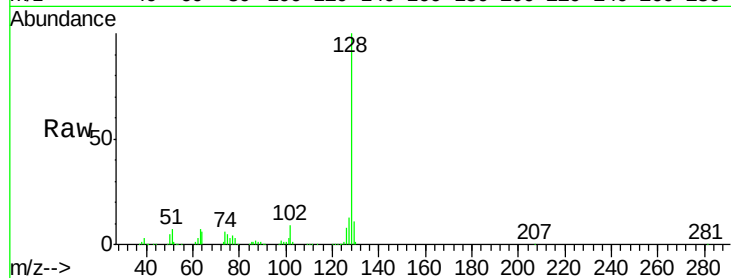




#95
Naphthalene
Concen: 22.69 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000201.D
Acq: 02 Mar 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
B21

Tgt Ion:128 Resp: 130658
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 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

