

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000563.D
 Acq On : 30 Mar 2018 16:40
 Operator : JC/MD
 Sample : J2139-10
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-1

Quant Time: Apr 04 11:28:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	94308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	165301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106226	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	66920	54.36	ug/l	0.00
Spiked Amount			Recovery	=	108.72%	
35) Dibromofluoromethane	5.51	113	50827	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.72	98	211984	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.15	95	79241	44.28	ug/l	0.00
Spiked Amount			Recovery	=	88.56%	

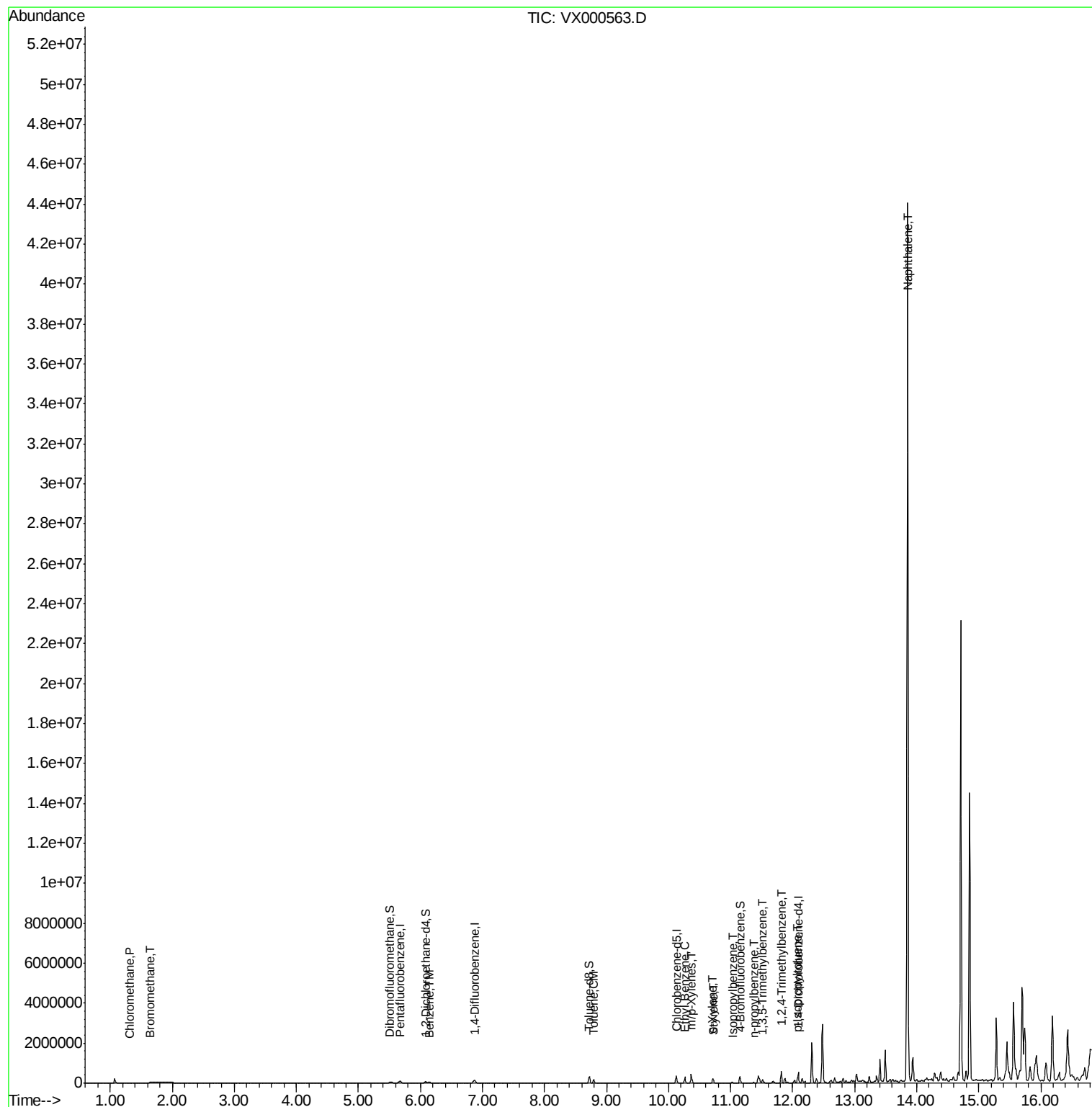
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	983	0.90	ug/l	90
5) Bromomethane	1.64	94	9044	6.57	ug/l	98
40) Benzene	6.14	78	51530	11.46	ug/l	95
52) Toluene	8.79	92	59524	18.94	ug/l	100
67) Ethyl Benzene	10.26	91	186198	29.51	ug/l	99
68) m/p-Xylenes	10.37	106	102482	41.27	ug/l	100
69) o-Xylene	10.71	106	52191	21.71	ug/l	92
70) Styrene	10.73	104	33672	8.46	ug/l #	87
73) Isopropylbenzene	11.03	105	21052	2.99	ug/l	97
78) n-propylbenzene	11.37	91	15089	1.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	78439	13.25	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	244866	39.47	ug/l	98
86) p-Isopropyltoluene	12.07	119	14781	2.25	ug/l	91
95) Naphthalene	13.85	128	16853321	1941.71	ug/l #	65

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

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ClientSampleId :
PAD-1

Quant Time: Apr 04 11:28:45 2018
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

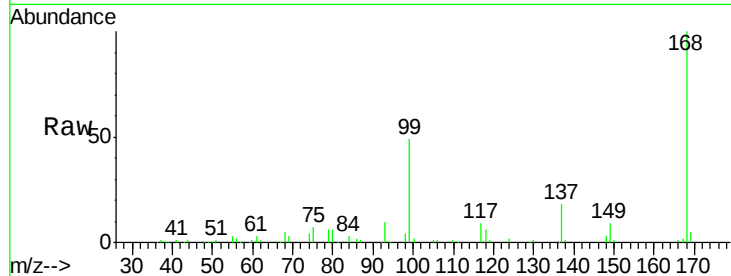
PAD-1

Tot Ion:168 Resp: 94308

Ion Ratio Lower Upper

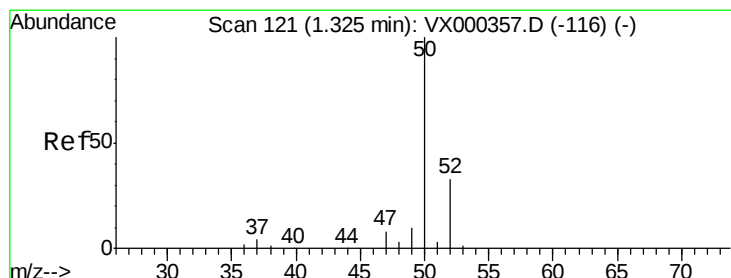
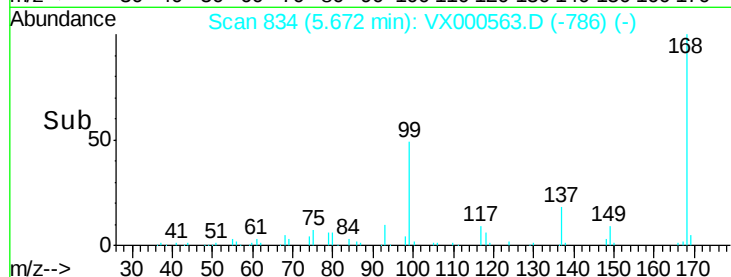
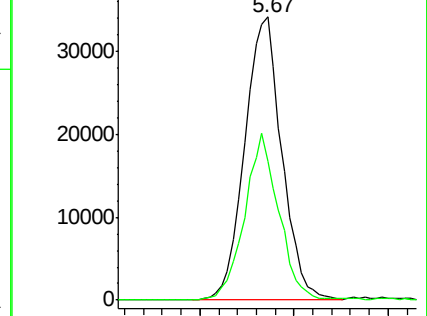
168 100

99 49.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.90 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000563.D

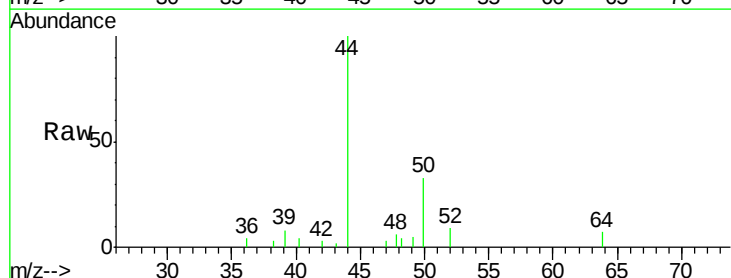
Acq: 30 Mar 2018 16:40

Tgt Ion: 50 Resp: 983

Ion Ratio Lower Upper

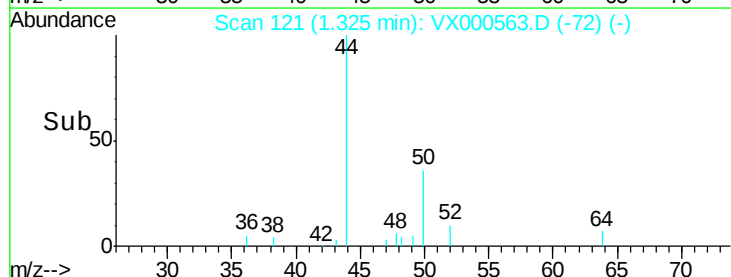
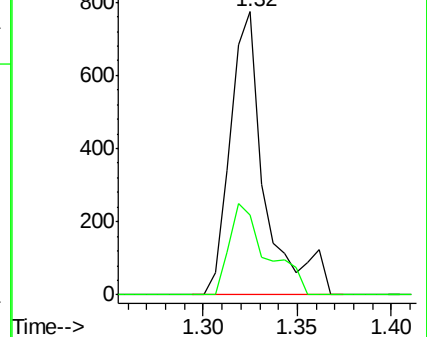
50 100

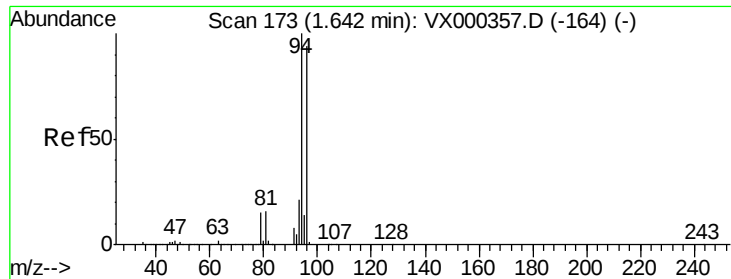
52 28.5 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 6.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

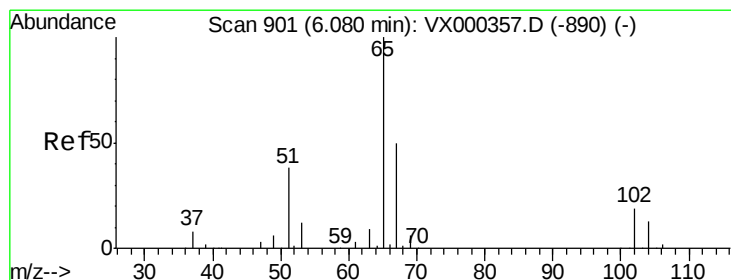
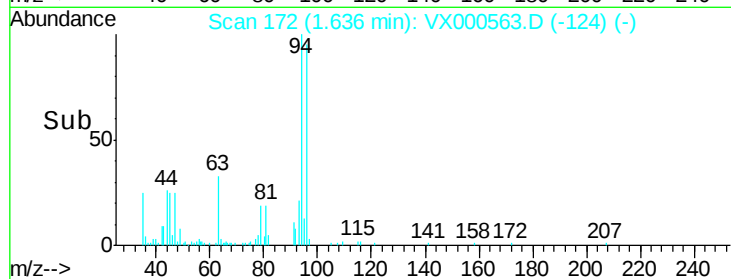
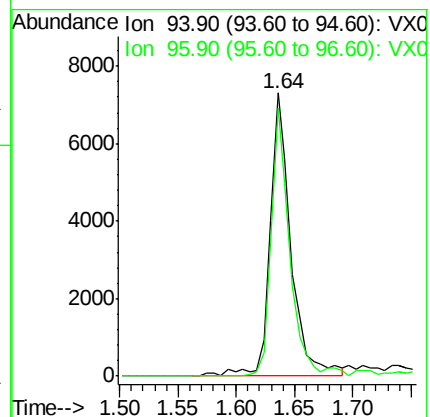
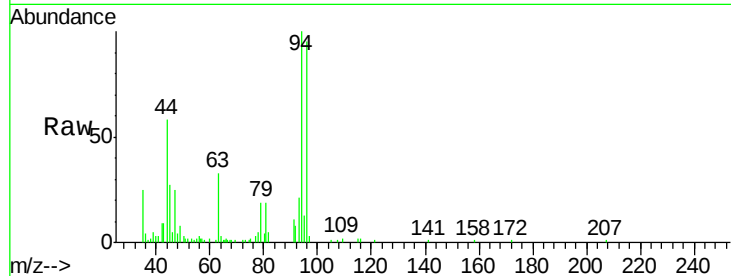
PAD-1

Tot Ion: 94 Resp: 9044

Ion Ratio Lower Upper

94 100

96 94.6 77.7 116.5



#33

1,2-Dichloroethane-d4

Concen: 54.36 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000563.D

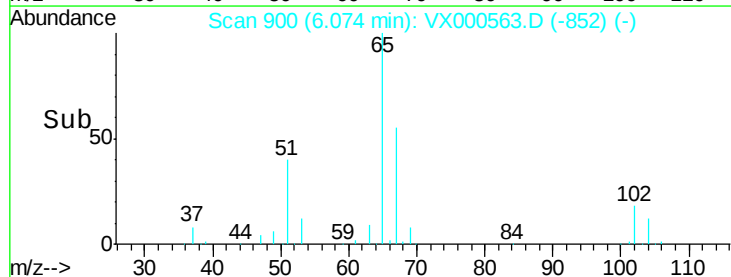
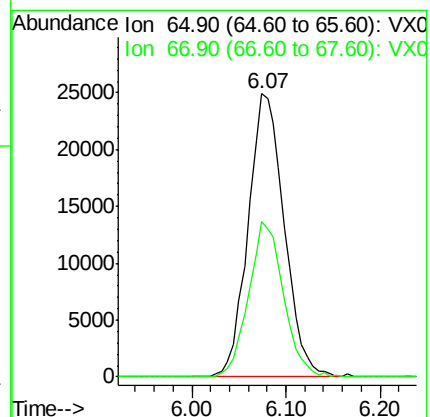
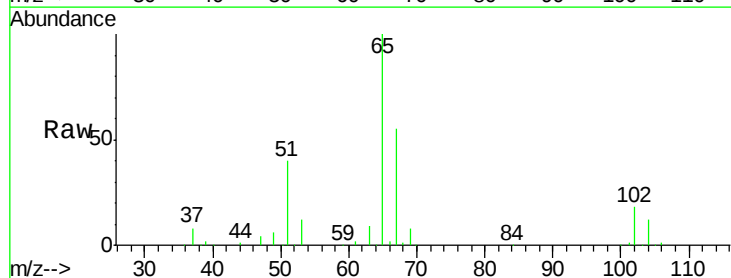
Acq: 30 Mar 2018 16:40

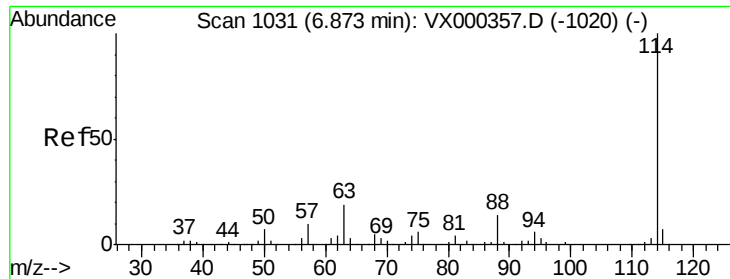
Tgt Ion: 65 Resp: 66920

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.2

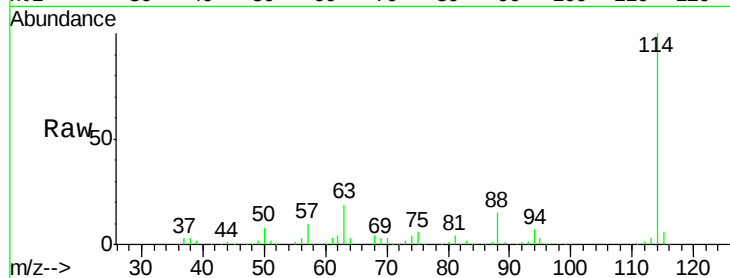




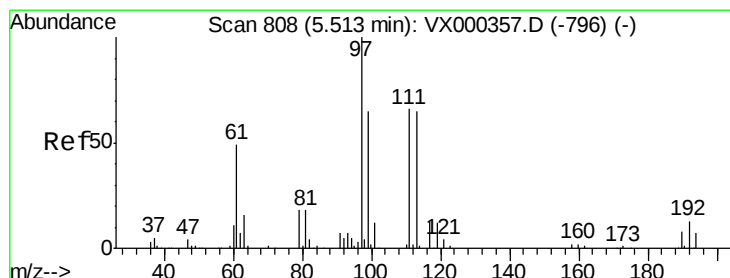
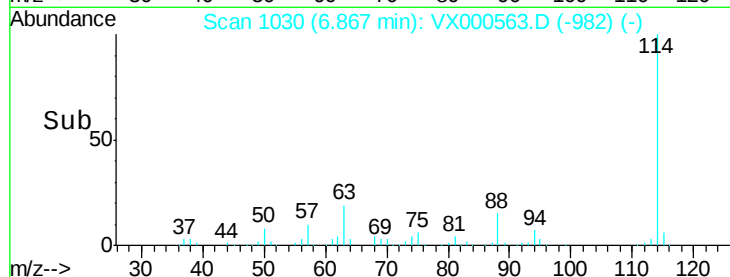
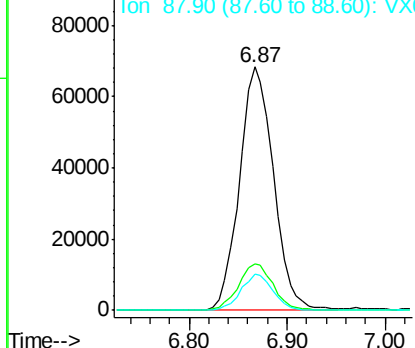
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Instrument :
 MSVOA_X
 ClientSampleId :
 PAD-1

Tot Ion:114 Resp: 165301
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 14.9 0.0 27.0

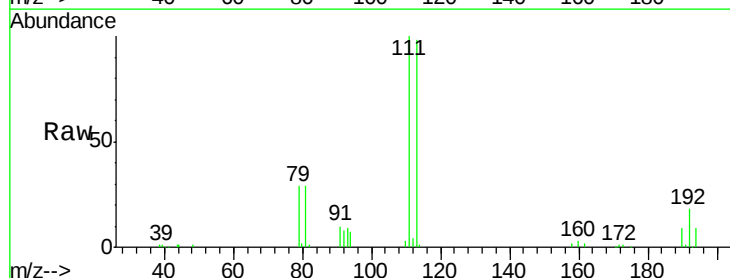


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

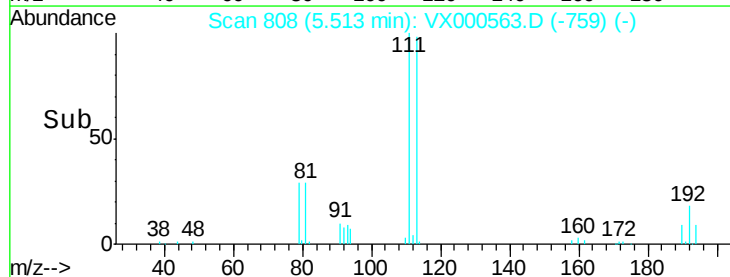
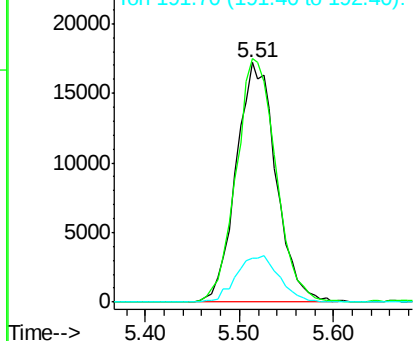


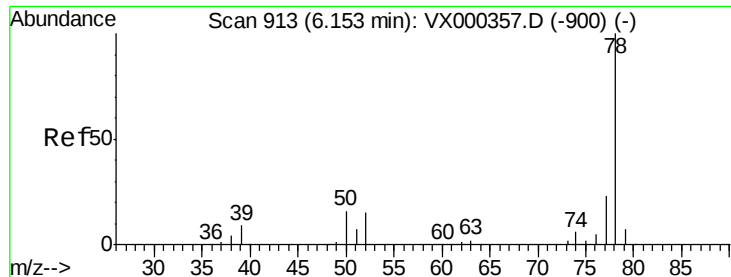
#35
 Dibromofluoromethane
 Concen: 48.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion:113 Resp: 50827
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 20.7 15.8 23.6



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





#40

Benzene

Concen: 11.46 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

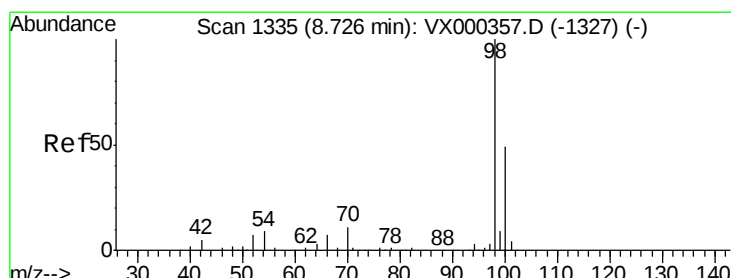
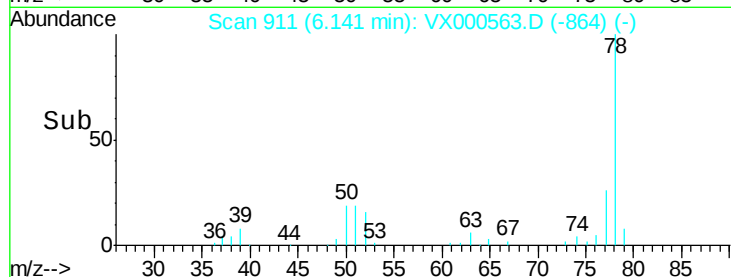
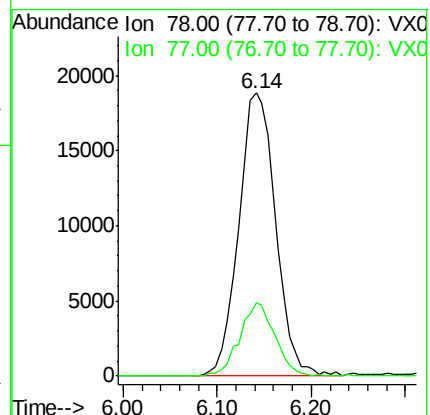
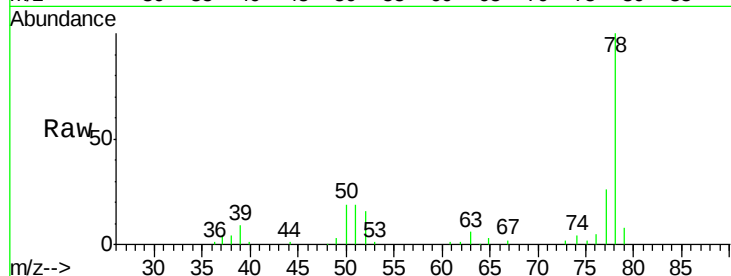
PAD-1

Tot Ion: 78 Resp: 51530

Ion Ratio Lower Upper

78 100

77 26.1 18.7 28.1



#50

Toluene-d8

Concen: 49.14 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000563.D

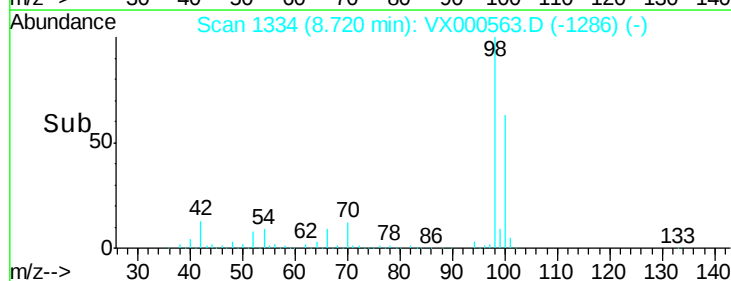
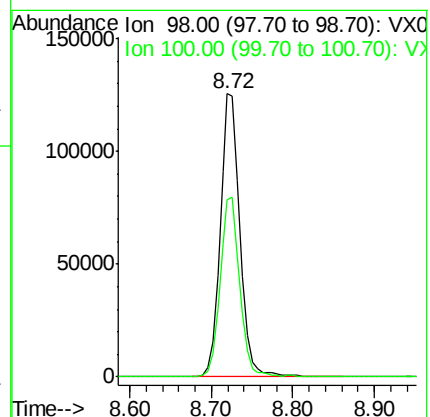
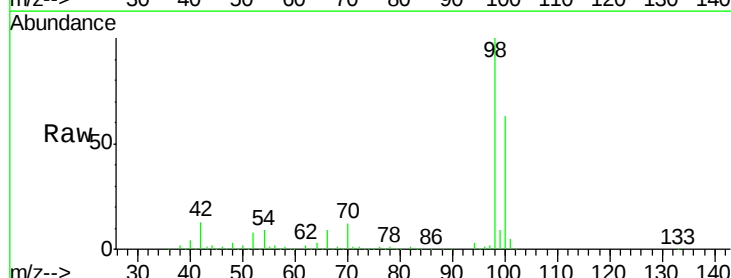
Acq: 30 Mar 2018 16:40

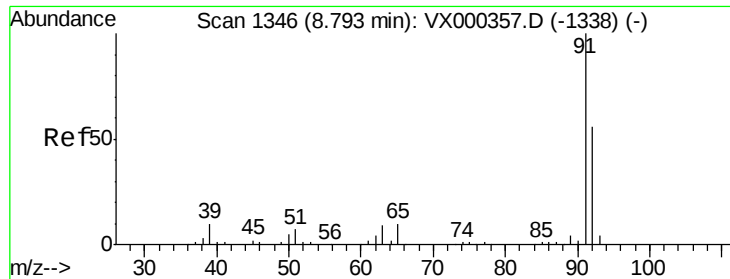
Tgt Ion: 98 Resp: 211984

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8





#52

Toluene

Concen: 18.94 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

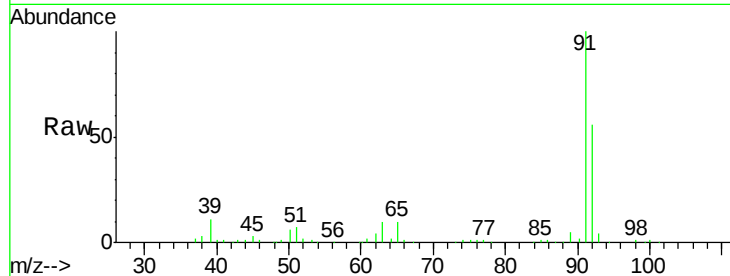
PAD-1

Tot Ion: 92 Resp: 59524

Ion Ratio Lower Upper

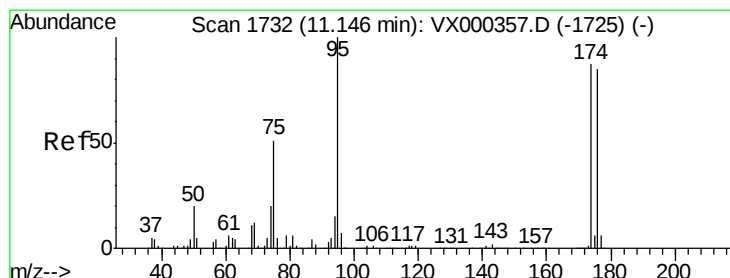
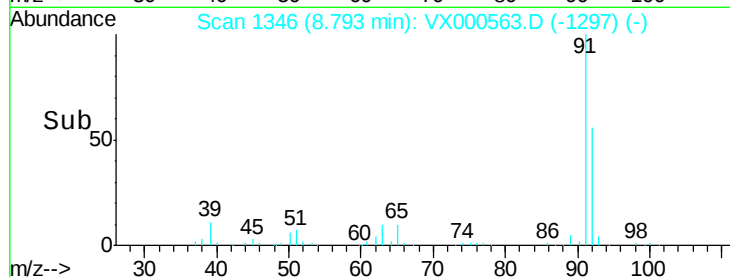
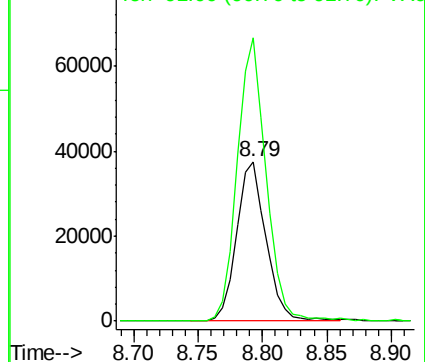
92 100

91 174.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.28 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

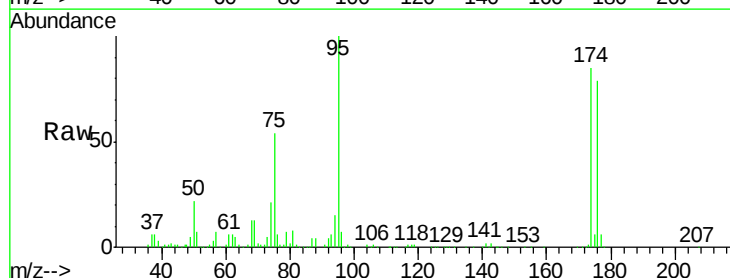
Tgt Ion: 95 Resp: 79241

Ion Ratio Lower Upper

95 100

174 92.0 0.0 173.6

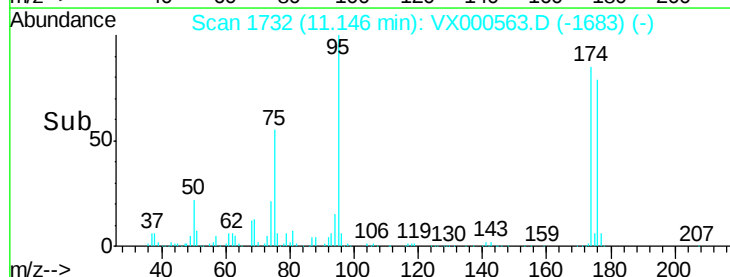
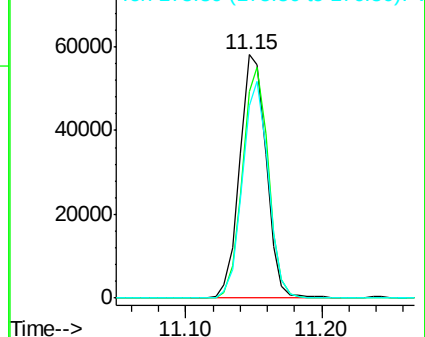
176 86.4 0.0 164.6

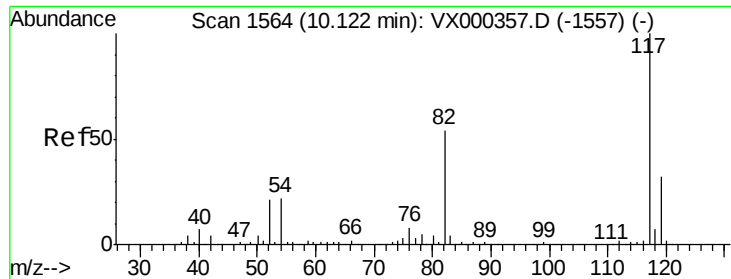


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

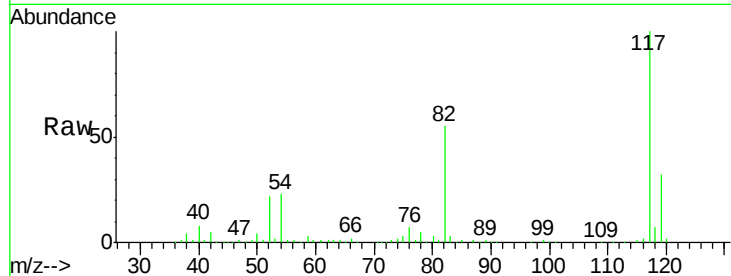




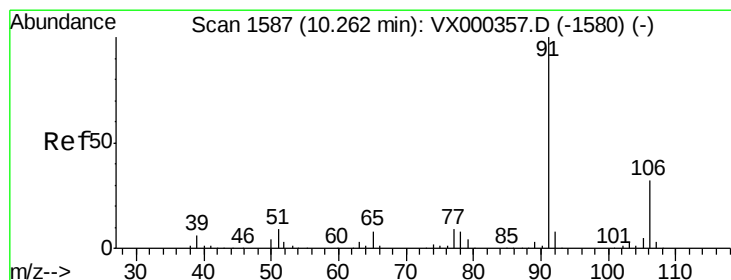
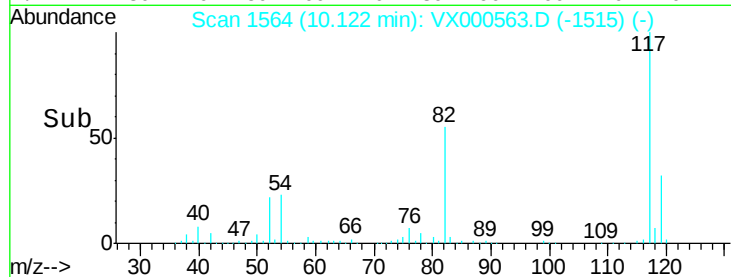
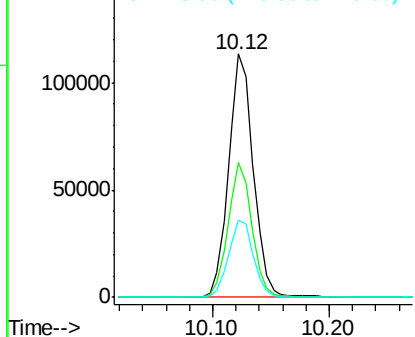
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampled :
PAD-1

Tot Ion:117 Resp: 167257
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.7 24.9 37.3

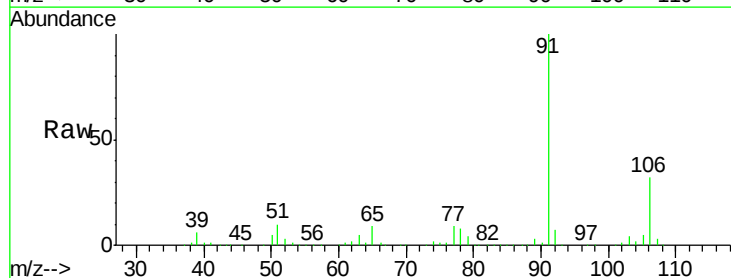


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

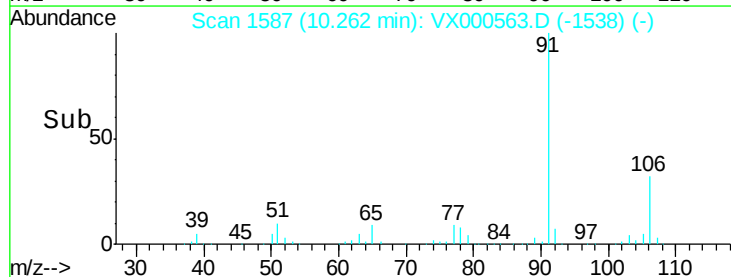
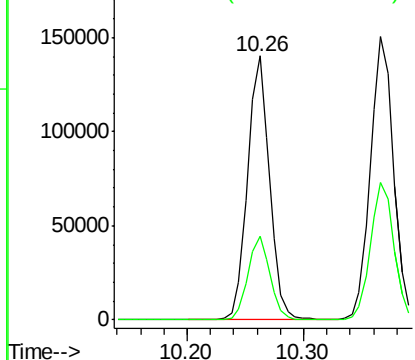


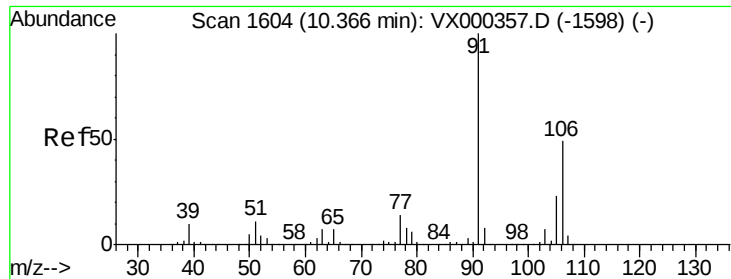
#67
Ethyl Benzene
Concen: 29.51 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion: 91 Resp: 186198
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



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

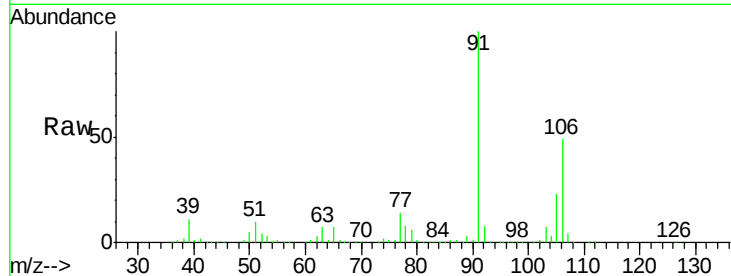




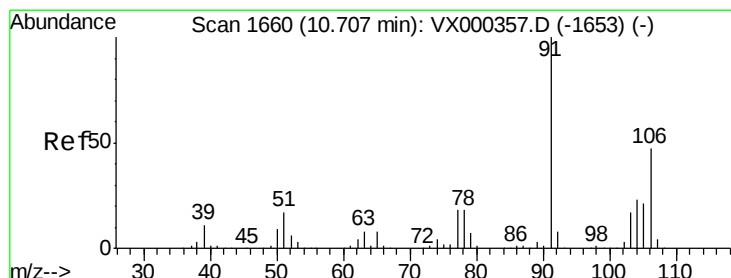
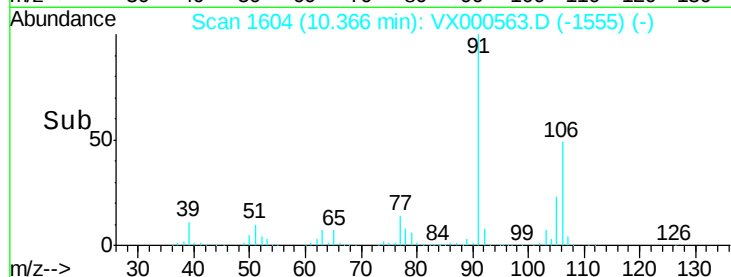
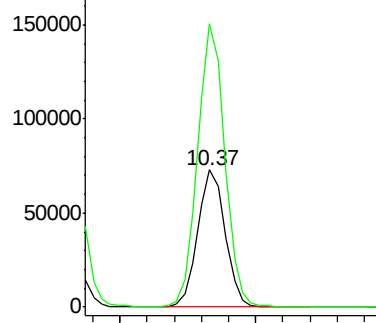
#68
m/p-Xvlenes
Concen: 41.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampled :
PAD-1

Tot Ion:106 Resp: 102482
Ion Ratio Lower Upper
106 100
91 203.5 163.4 245.2

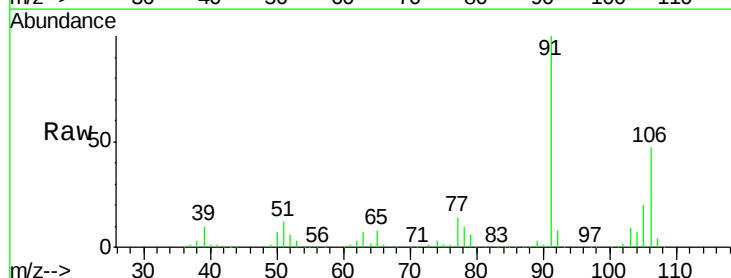


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

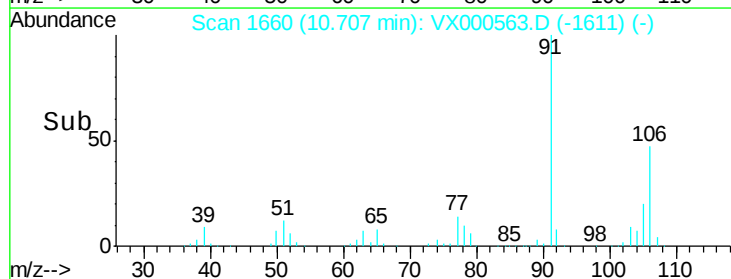
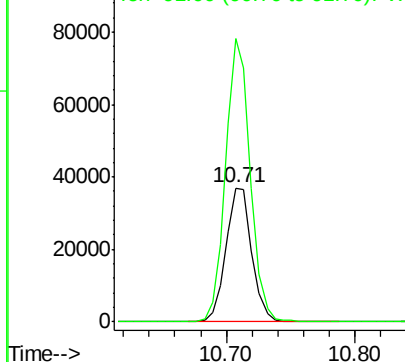


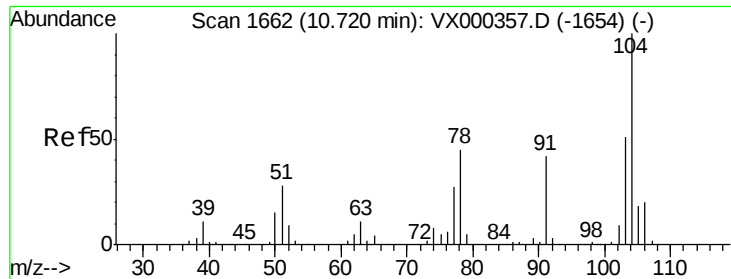
#69
o-Xylene
Concen: 21.71 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:106 Resp: 52191
Ion Ratio Lower Upper
106 100
91 201.1 106.5 319.6



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

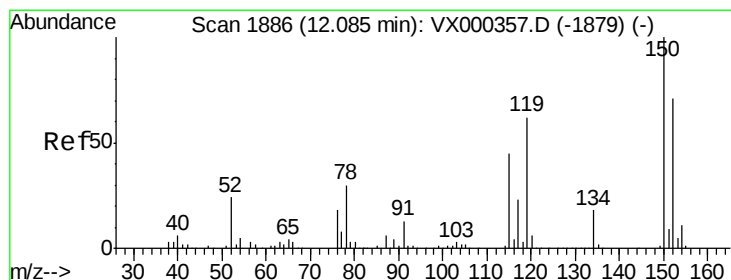
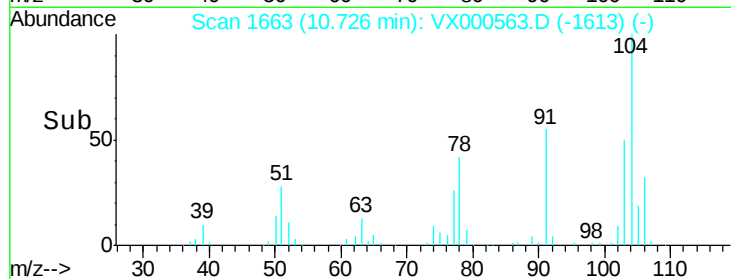
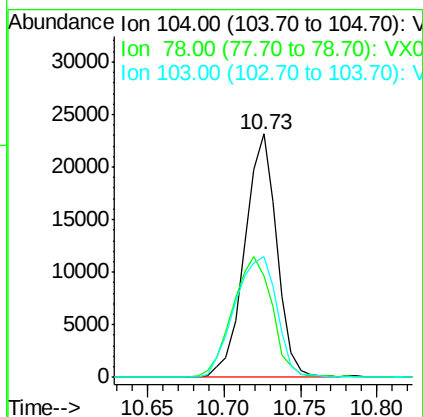
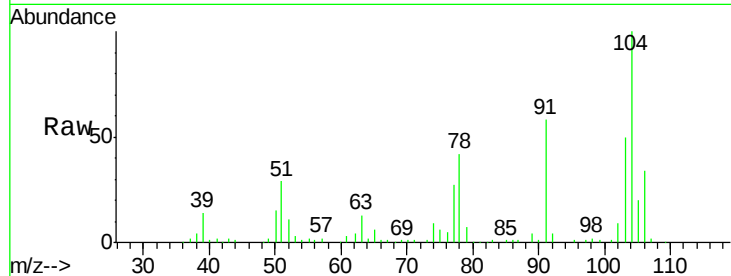




#70
Stvrene
Concen: 8.46 ug/l
RT: 10.73 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

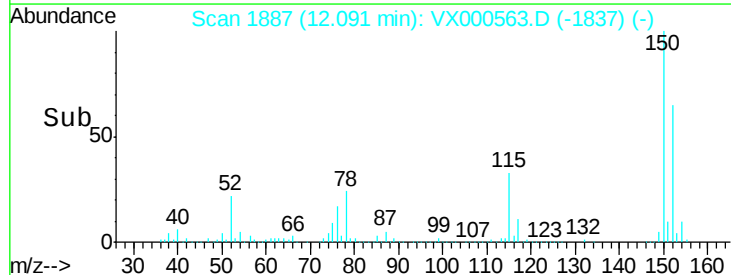
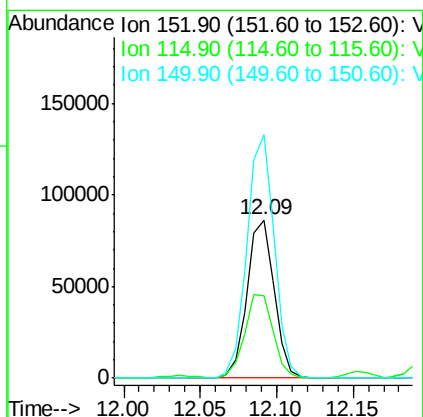
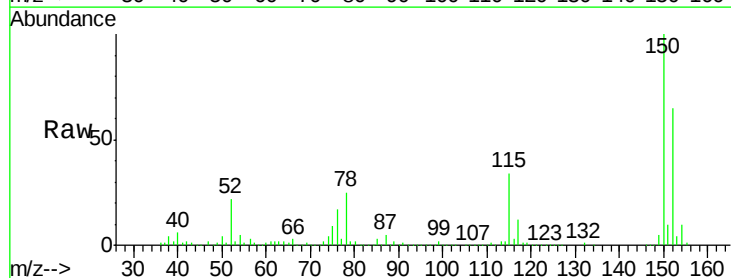
Instrument :
MSVOA_X
ClientSampleId :
PAD-1

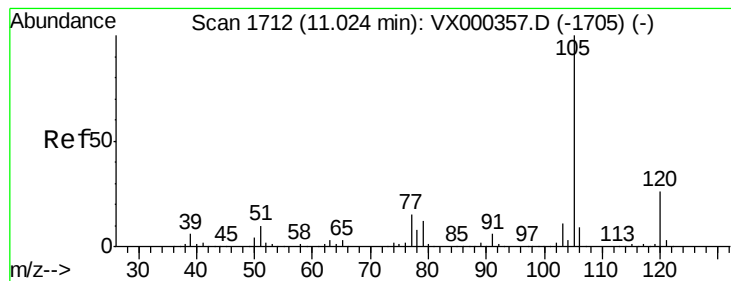
Tot Ion:104 Resp: 33672
Ion Ratio Lower Upper
104 100
78 61.3 40.5 60.7#
103 65.6 45.7 68.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:152 Resp: 106226
Ion Ratio Lower Upper
152 100
115 54.8 39.8 119.3
150 155.0 0.0 344.4





#73

Isopropylbenzene

Concen: 2.99 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX000563.D

Acq: 30 Mar 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

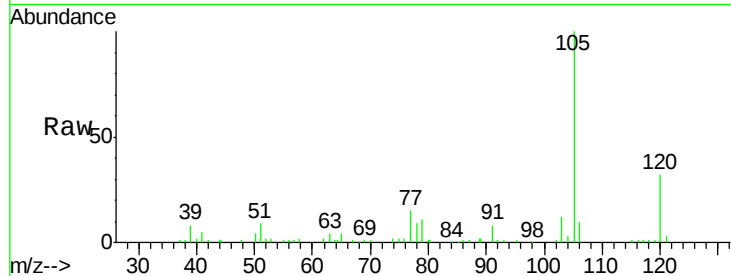
PAD-1

Tot Ion:105 Resp: 21052

Ion Ratio Lower Upper

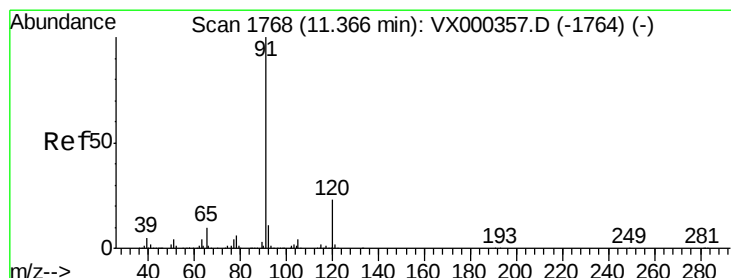
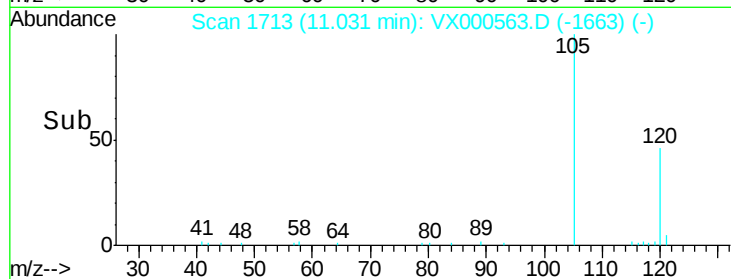
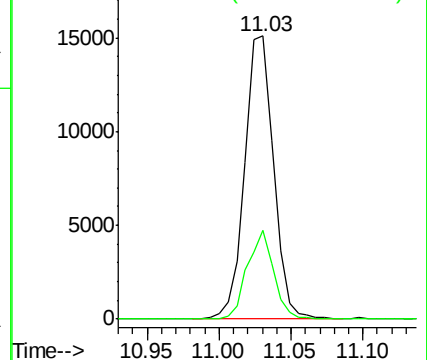
105 100

120 28.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.80 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000563.D

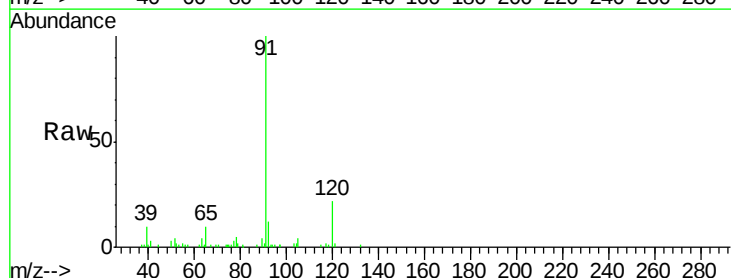
Acq: 30 Mar 2018 16:40

Tgt Ion: 91 Resp: 15089

Ion Ratio Lower Upper

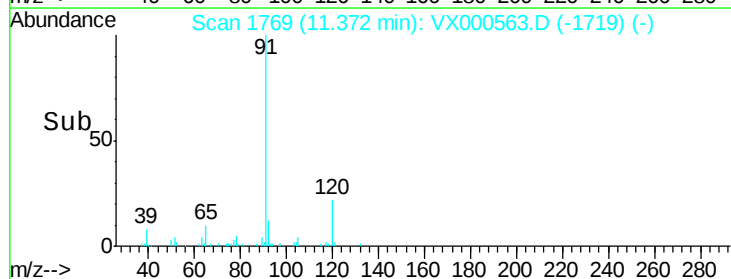
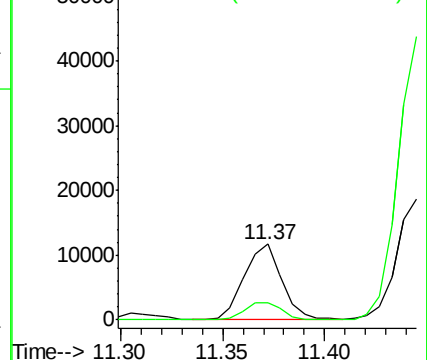
91 100

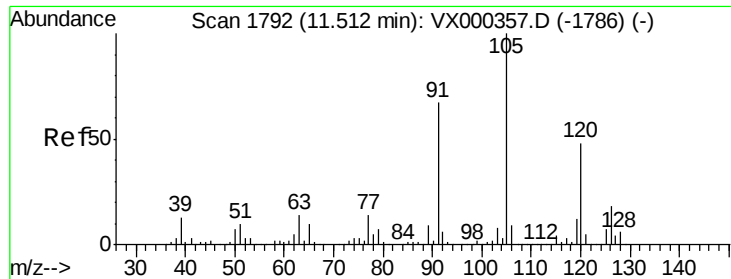
120 22.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

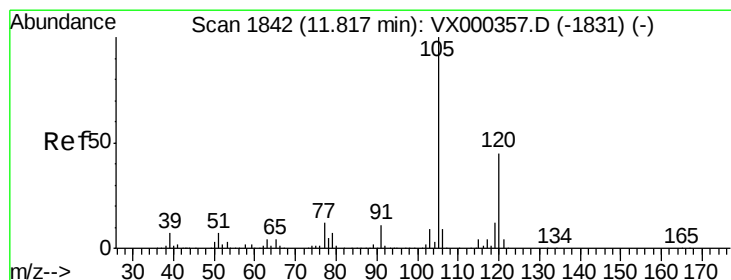
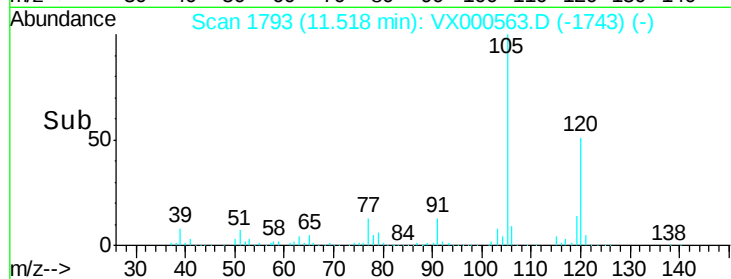
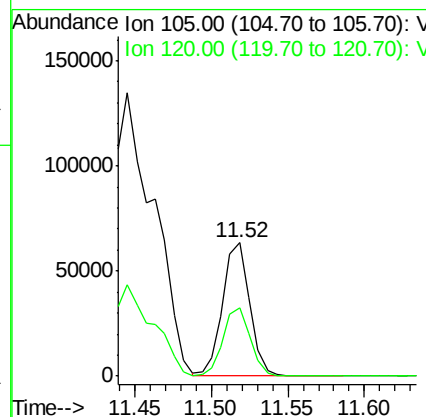
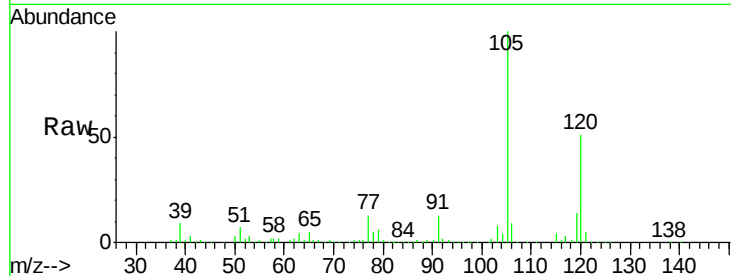




#80
 1,3,5-Trimethylbenzene
 Concen: 13.25 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

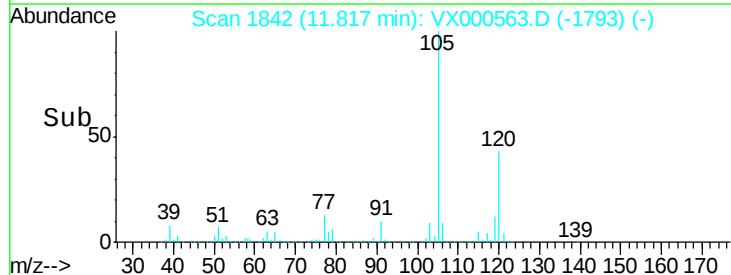
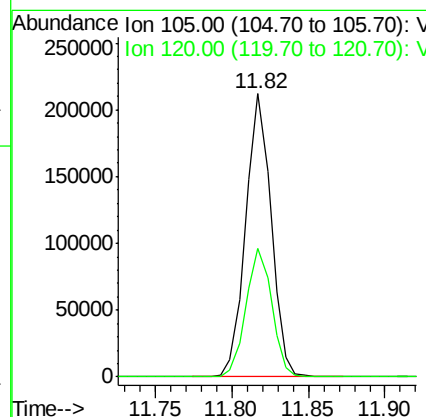
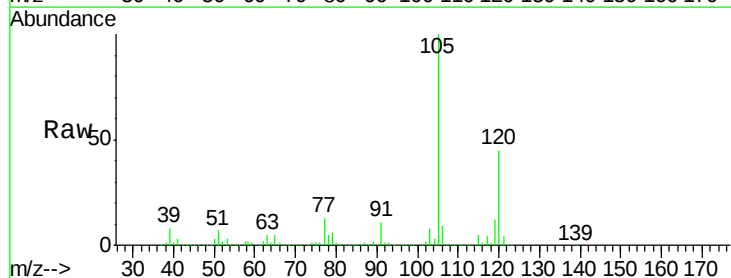
Instrument :
 MSVOA_X
 ClientSampled :
 PAD-1

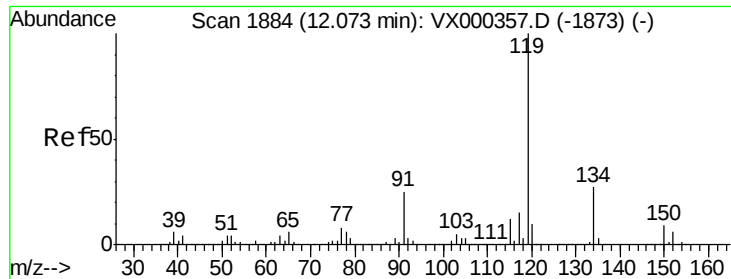
Tot Ion:105 Resp: 78439
 Ion Ratio Lower Upper
 105 100
 120 51.3 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 39.47 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000563.D
 Acq: 30 Mar 2018 16:40

Tgt Ion:105 Resp: 244866
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.4 67.3

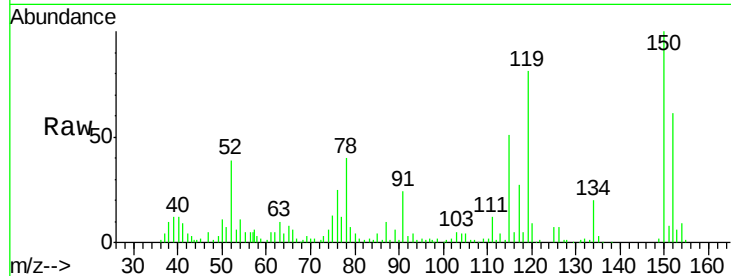




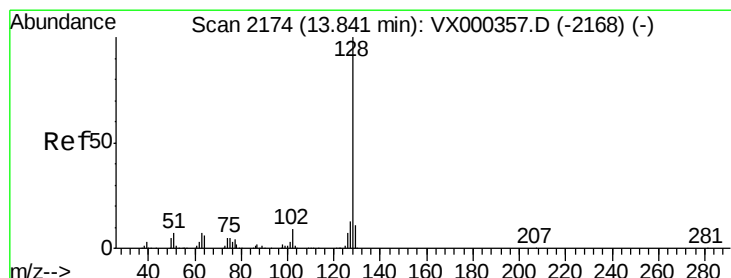
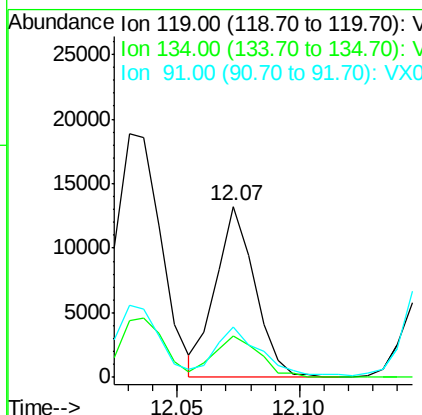
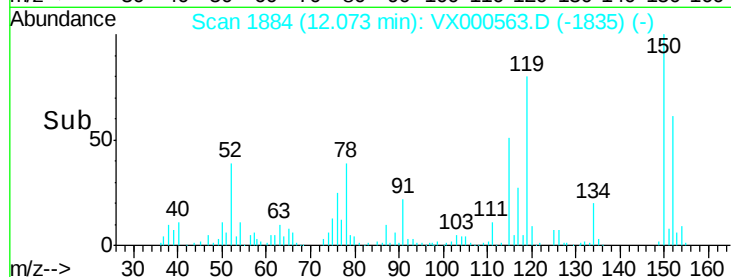
#86
p-Isopropyltoluene
Concen: 2.25 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Instrument :
MSVOA_X
ClientSampleId :
PAD-1

Tot Ion:119 Resp: 14781
Ion Ratio Lower Upper
119 100
134 28.3 13.3 39.9
91 31.8 12.0 36.1

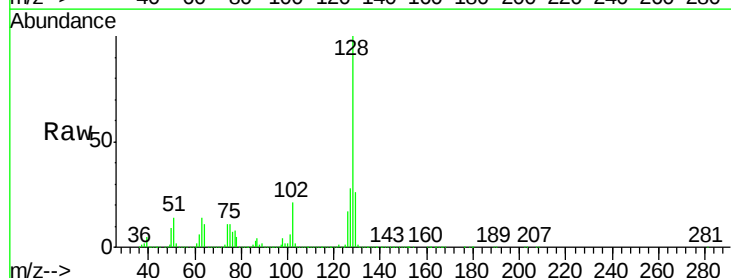


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 1941.71 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000563.D
Acq: 30 Mar 2018 16:40

Tgt Ion:128 Resp:16853321
Ion Ratio Lower Upper
128 100
127 27.3 10.6 15.8#
129 24.4 8.9 13.3#



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

