

Data File : VX000198.D
Acq On : 02 Mar 2018 18:08
Operator : JC/MD
Sample : J1778-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-4

Quant Time: Mar 03 05:35:38 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	83192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136587	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	64707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	54705	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	5.51	113	41592	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.73	98	165727	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.15	95	56899	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	

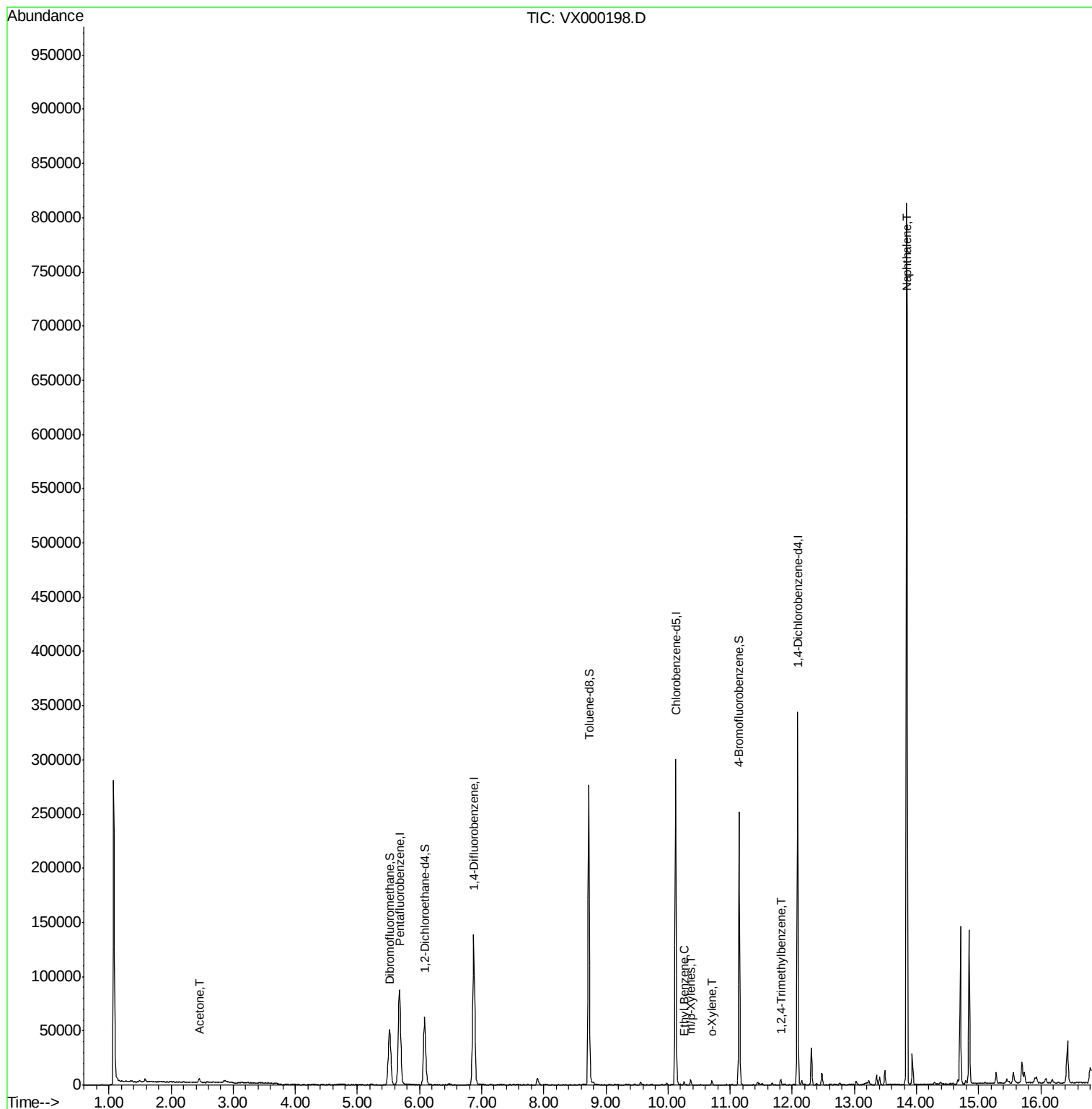
Target Compounds					Qvalue	
16) Acetone	2.45	43	3922	5.82	ug/l	99
67) Ethyl Benzene	10.26	91	2028	0.45	ug/l	92
68) m/p-Xylenes	10.37	106	1090	0.61	ug/l	94
69) o-Xylene	10.71	106	732	0.42	ug/l	82
84) 1,2,4-Trimethylbenzene	11.82	105	2477	0.69	ug/l	99
95) Naphthalene	13.84	128	473211	88.64	ug/l	100

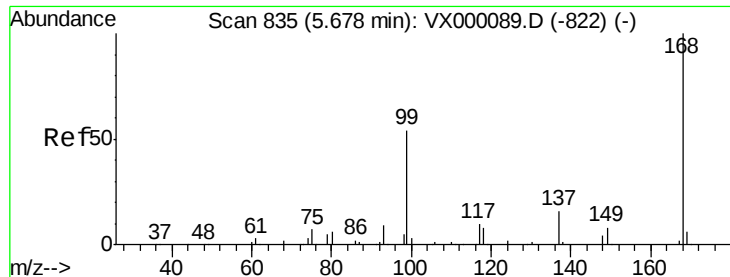
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000198.D

Acq: 02 Mar 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

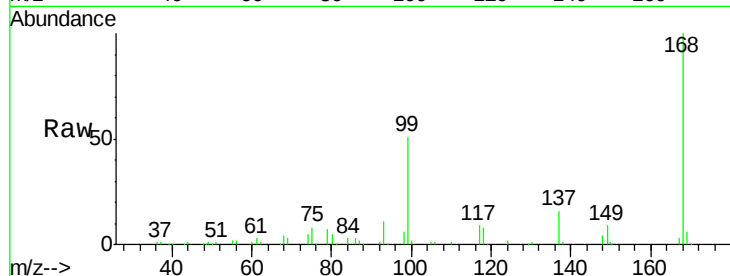
TP-4

Tgt Ion:168 Resp: 83192

Ion Ratio Lower Upper

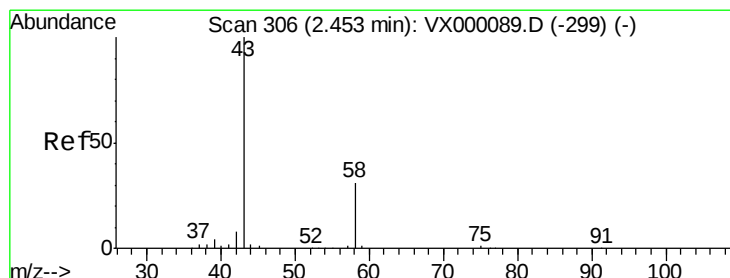
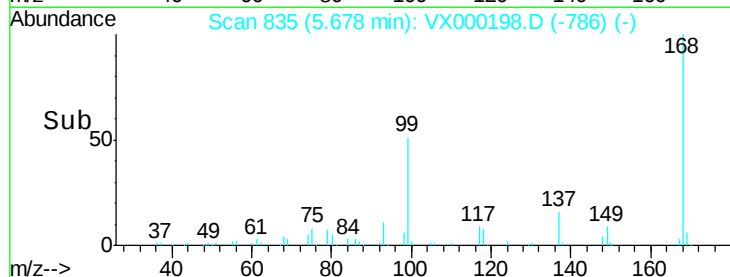
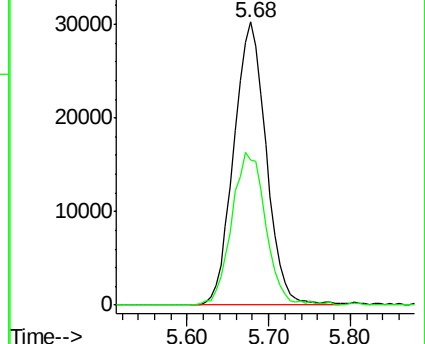
168 100

99 51.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.82 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000198.D

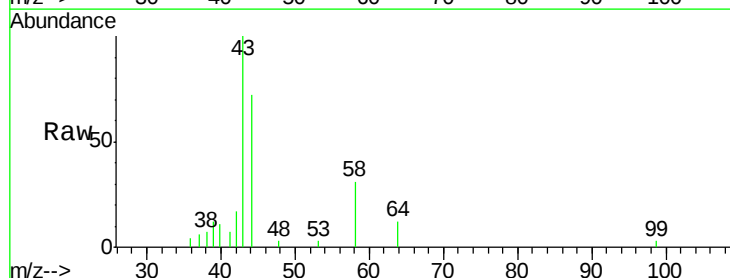
Acq: 02 Mar 2018 18:08

Tgt Ion: 43 Resp: 3922

Ion Ratio Lower Upper

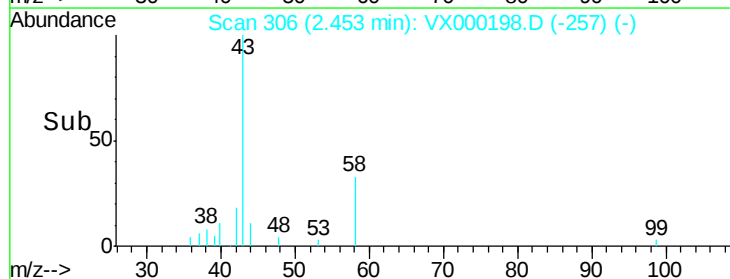
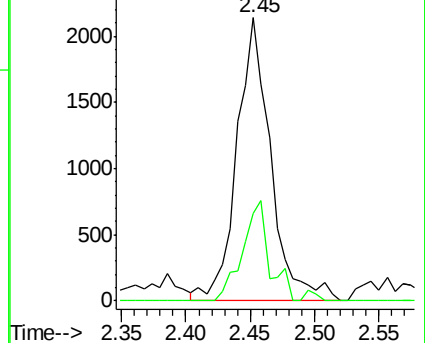
43 100

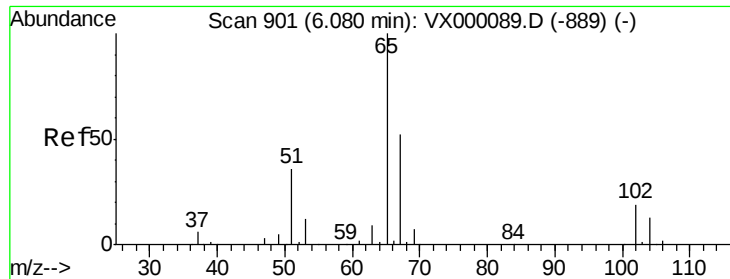
58 30.7 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.66 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000198.D

Acq: 02 Mar 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

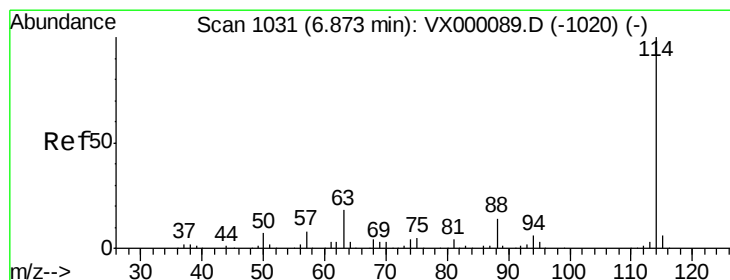
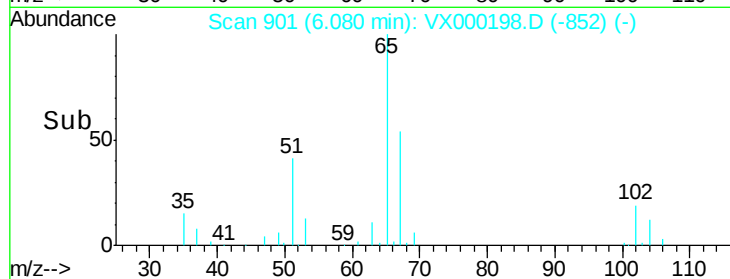
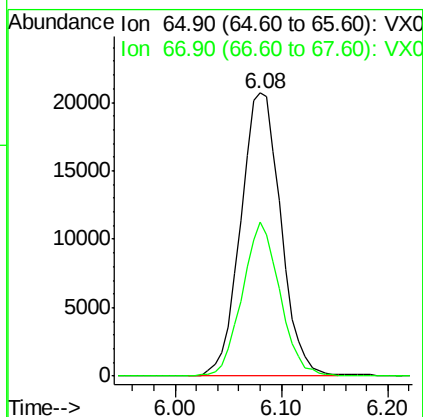
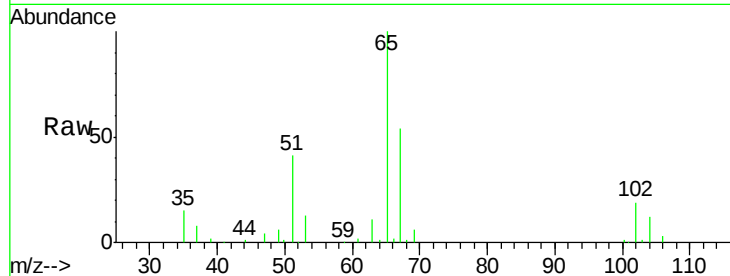
TP-4

Tgt Ion: 65 Resp: 54705

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000198.D

Acq: 02 Mar 2018 18:08

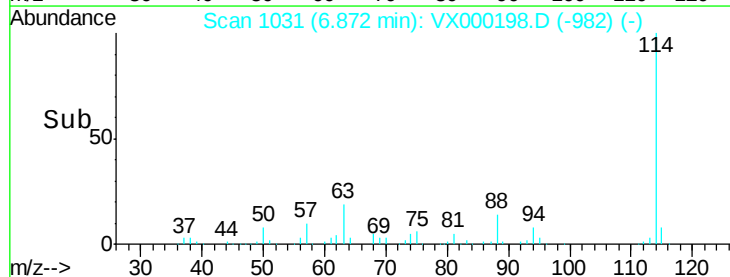
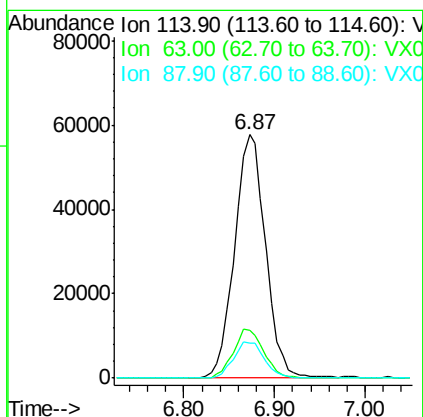
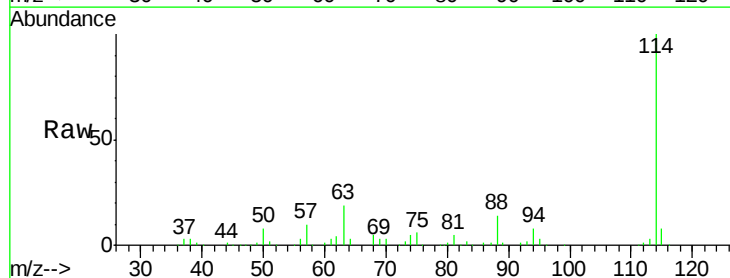
Tgt Ion: 114 Resp: 136587

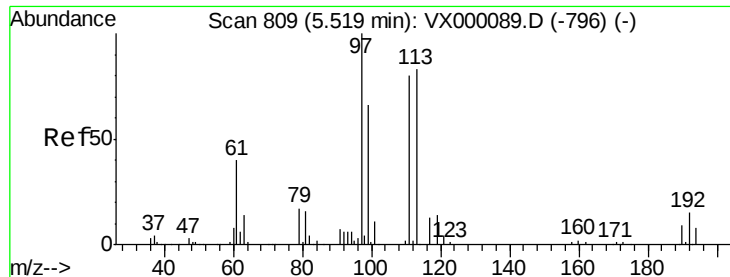
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 14.2 0.0 29.0

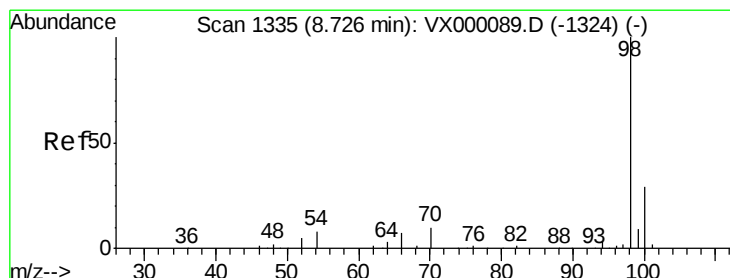
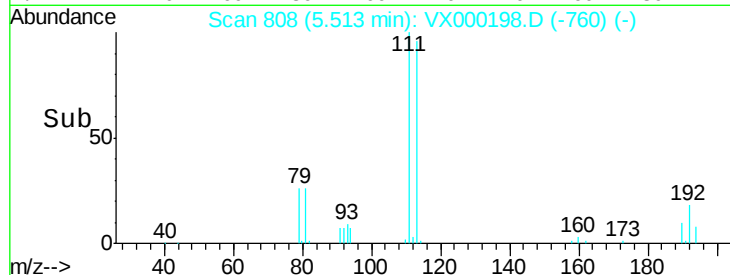
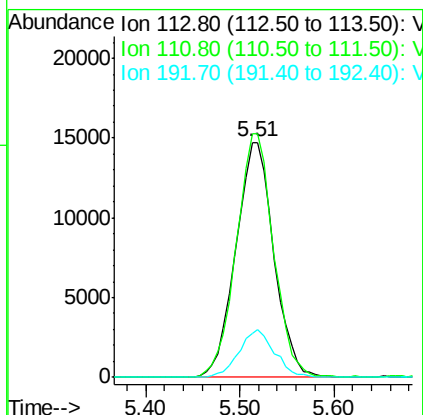
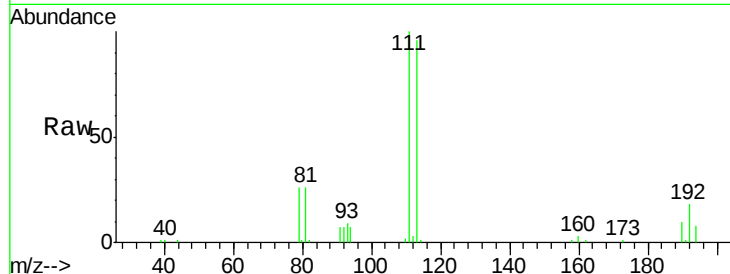




#35
 Dibromofluoromethane
 Concen: 48.25 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000198.D
 Acq: 02 Mar 2018 18:08

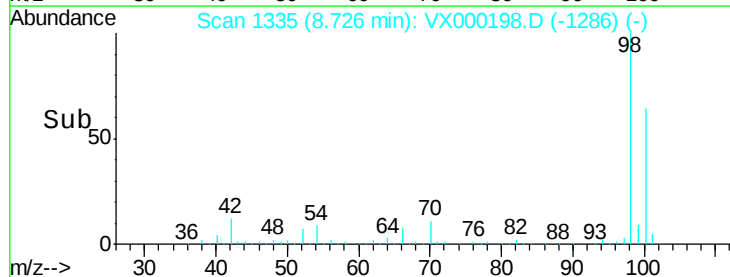
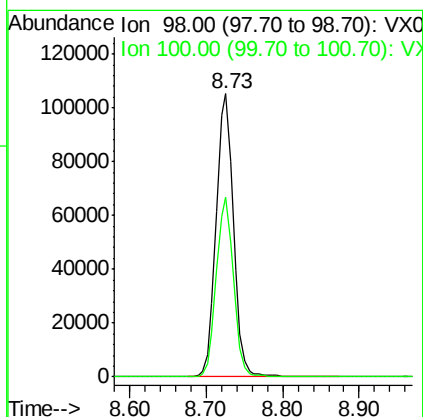
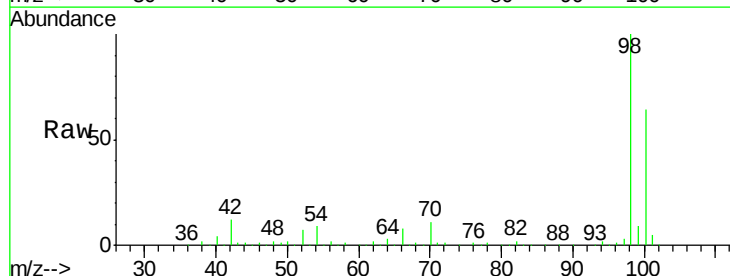
Instrument :
 MSVOA_X
 ClientSampled :
 TP-4

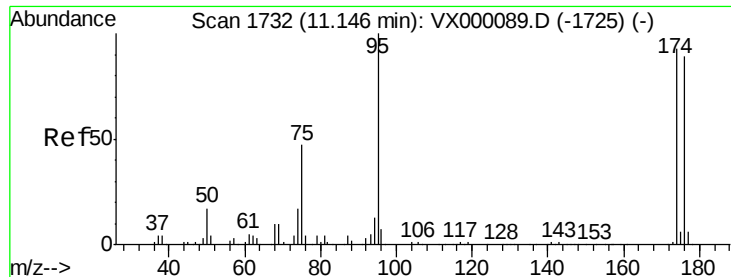
Tgt Ion:113 Resp: 41592
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.0 121.6
 192 19.1 15.7 23.5



#50
 Toluene-d8
 Concen: 48.74 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000198.D
 Acq: 02 Mar 2018 18:08

Tgt Ion: 98 Resp: 165727
 Ion Ratio Lower Upper
 98 100
 100 62.6 52.2 78.2

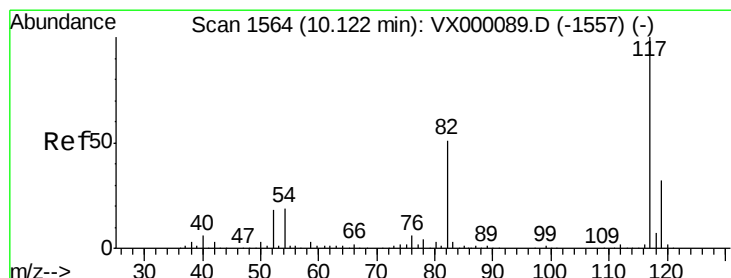
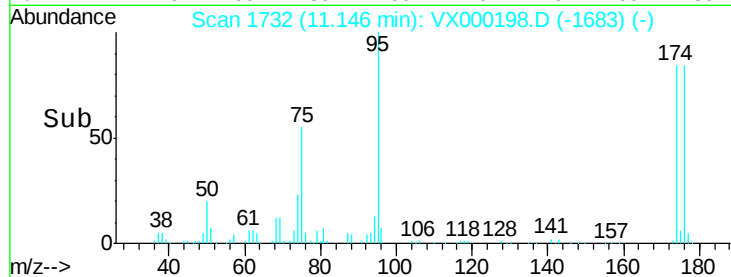
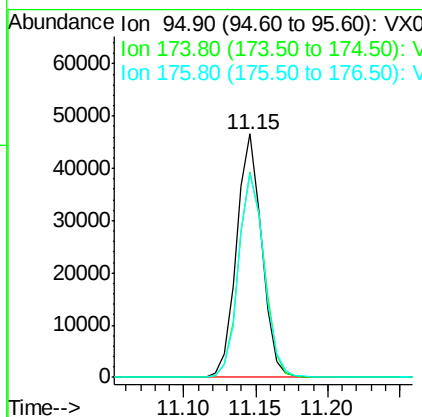
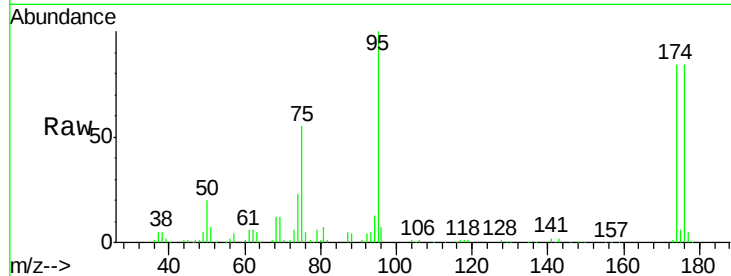




#62
4-Bromofluorobenzene
Concen: 42.67 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

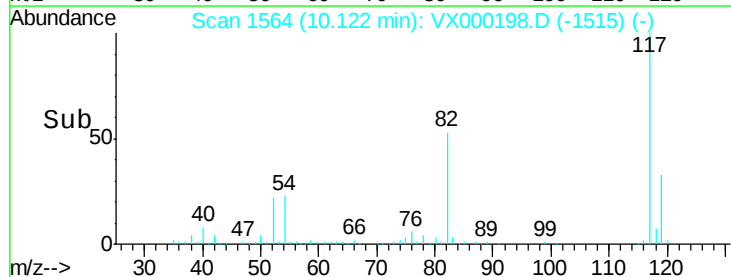
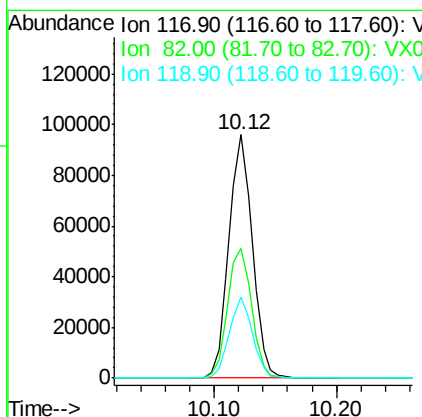
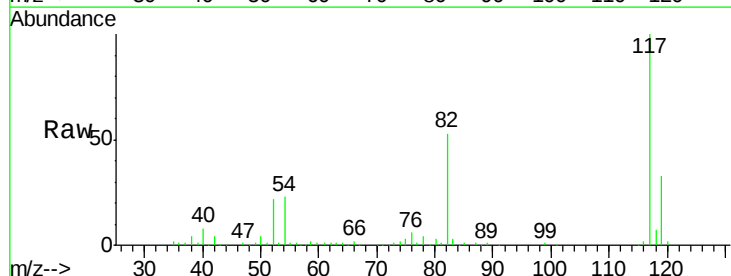
Instrument :
MSVOA_X
ClientSampled :
TP-4

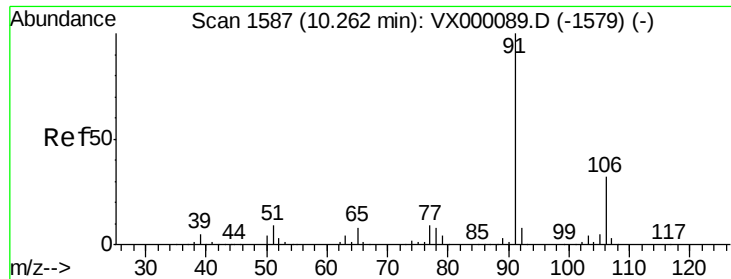
Tgt Ion: 95 Resp: 56899
Ion Ratio Lower Upper
95 100
174 85.7 0.0 187.8
176 85.0 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 117 Resp: 127646
Ion Ratio Lower Upper
117 100
82 53.5 41.0 61.6
119 33.1 25.5 38.3

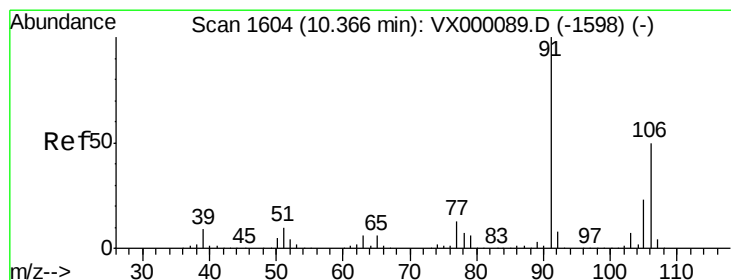
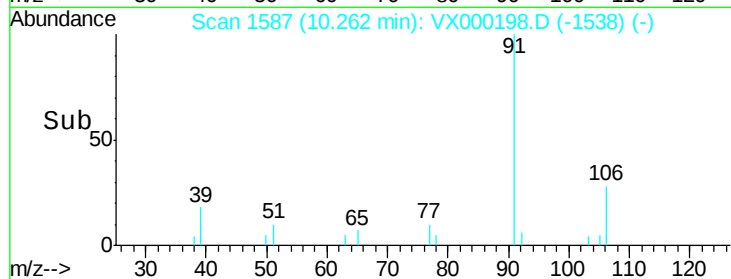
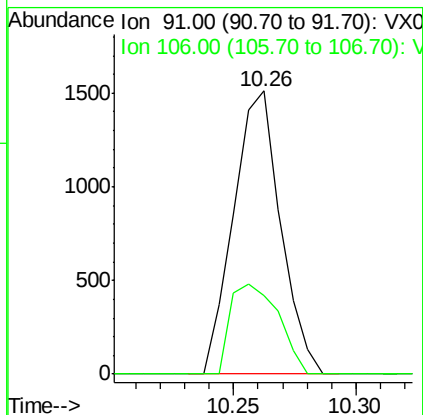
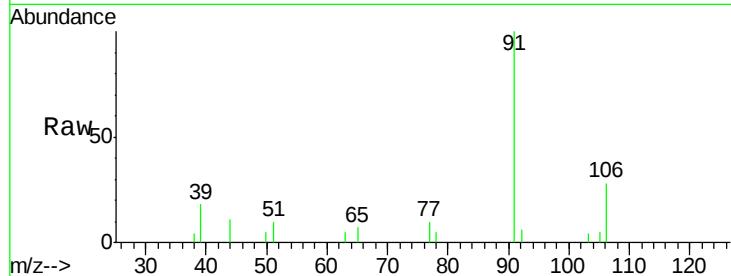




#67
Ethyl Benzene
Concen: 0.45 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

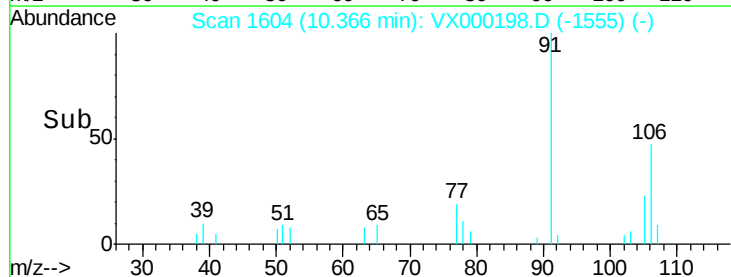
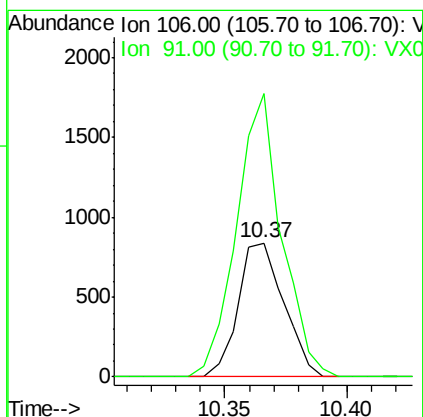
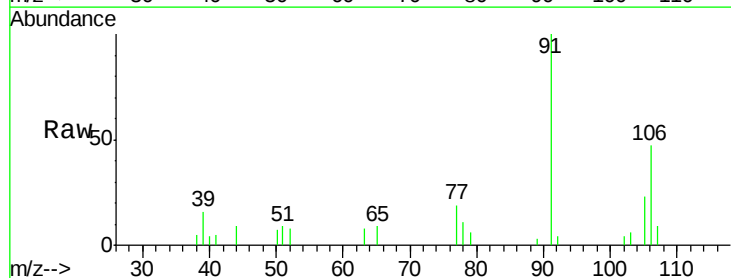
Instrument :
MSVOA_X
ClientSampled :
TP-4

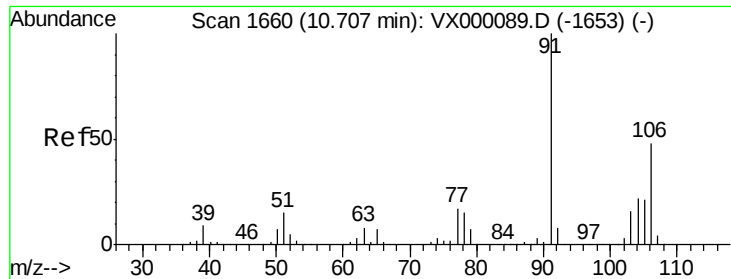
Tgt Ion: 91 Resp: 2028
Ion Ratio Lower Upper
91 100
106 27.7 25.8 38.6



#68
m/p-Xylenes
Concen: 0.61 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion: 106 Resp: 1090
Ion Ratio Lower Upper
106 100
91 208.3 159.1 238.7

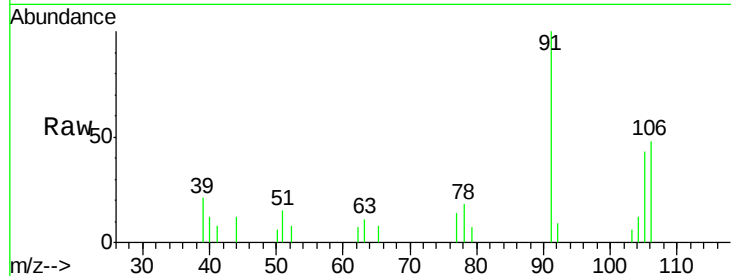




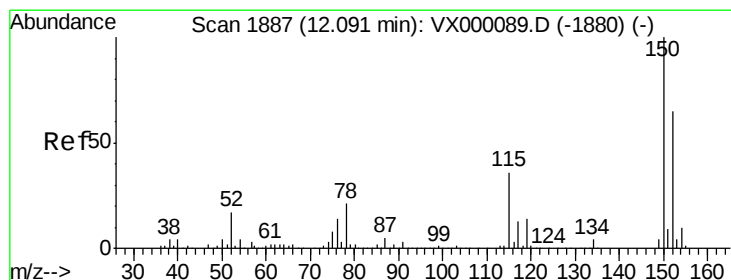
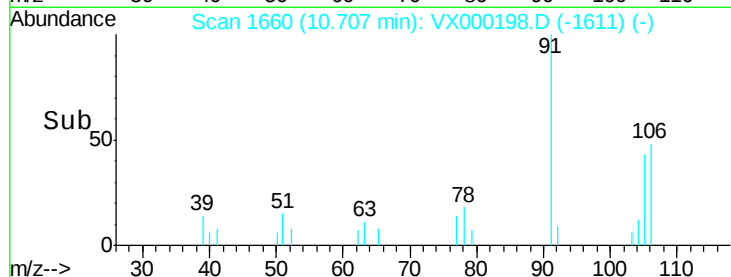
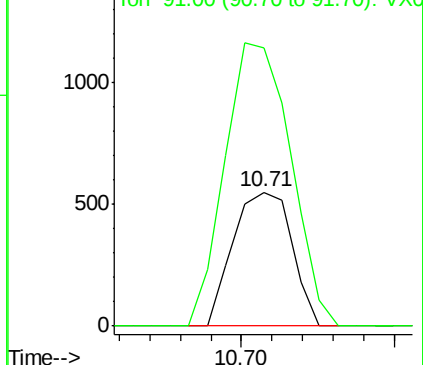
#69
o-Xylene
Concen: 0.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Instrument :
MSVOA_X
ClientSampled :
TP-4

Tgt Ion:106 Resp: 732
Ion Ratio Lower Upper
106 100
91 236.1 103.8 311.6

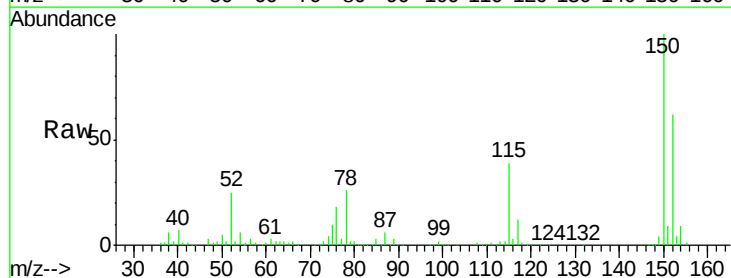


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

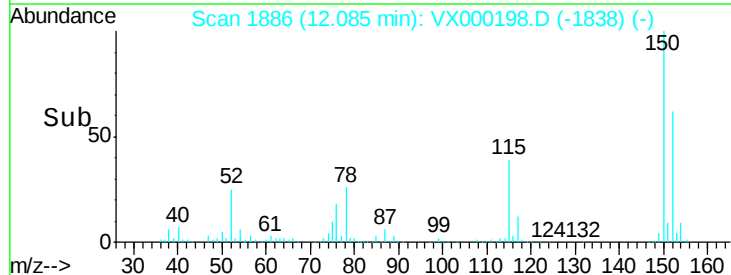
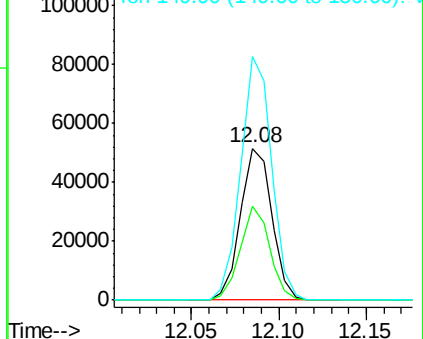


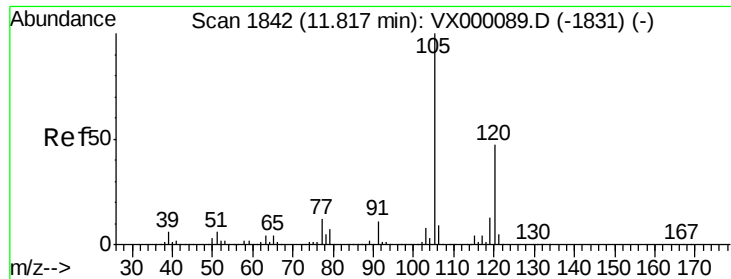
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000198.D
Acq: 02 Mar 2018 18:08

Tgt Ion:152 Resp: 64707
Ion Ratio Lower Upper
152 100
115 57.9 39.1 117.2
150 157.2 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

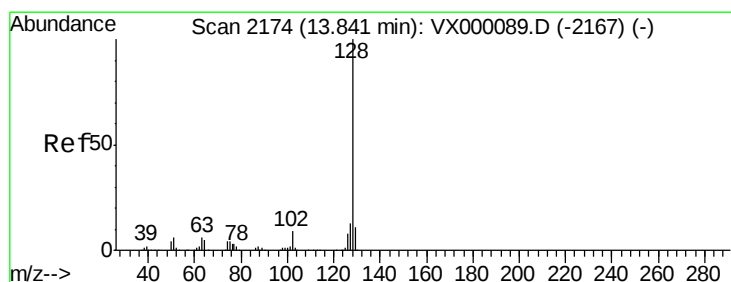
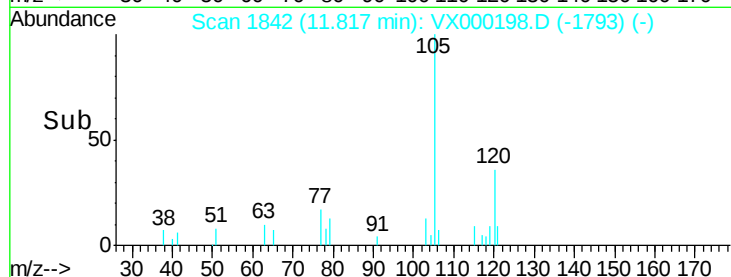
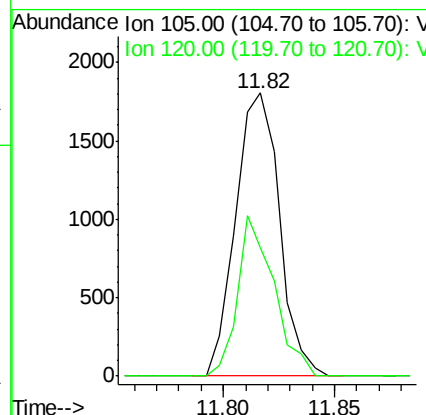
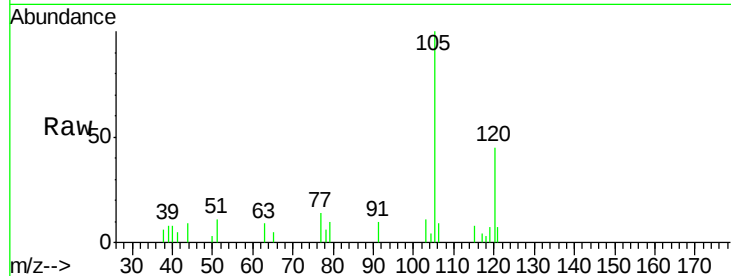




#84
 1,2,4-Trimethylbenzene
 Concen: 0.69 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000198.D
 Acq: 02 Mar 2018 18:08

Instrument :
 MSVOA_X
 ClientSampled :
 TP-4

Tgt Ion:105 Resp: 2477
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2



#95
 Naphthalene
 Concen: 88.64 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX000198.D
 Acq: 02 Mar 2018 18:08

Tgt Ion:128 Resp: 473211
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.4 15.6
 129 10.8 8.7 13.1

