

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008789.D
 Acq On : 09 Apr 2019 22:25
 Operator : JC/SP
 Sample : K2338-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-DEEP

Quant Time: Apr 10 08:14:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142780	46.92	ug/l	0.00
Spiked Amount						
			Recovery	=	93.84%	
35) Dibromofluoromethane	5.50	113	105518	47.26	ug/l	0.00
Spiked Amount						
			Recovery	=	94.52%	
50) Toluene-d8	8.71	98	438433	49.32	ug/l	0.00
Spiked Amount						
			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.13	95	152819	48.48	ug/l	0.00
Spiked Amount						
			Recovery	=	96.96%	

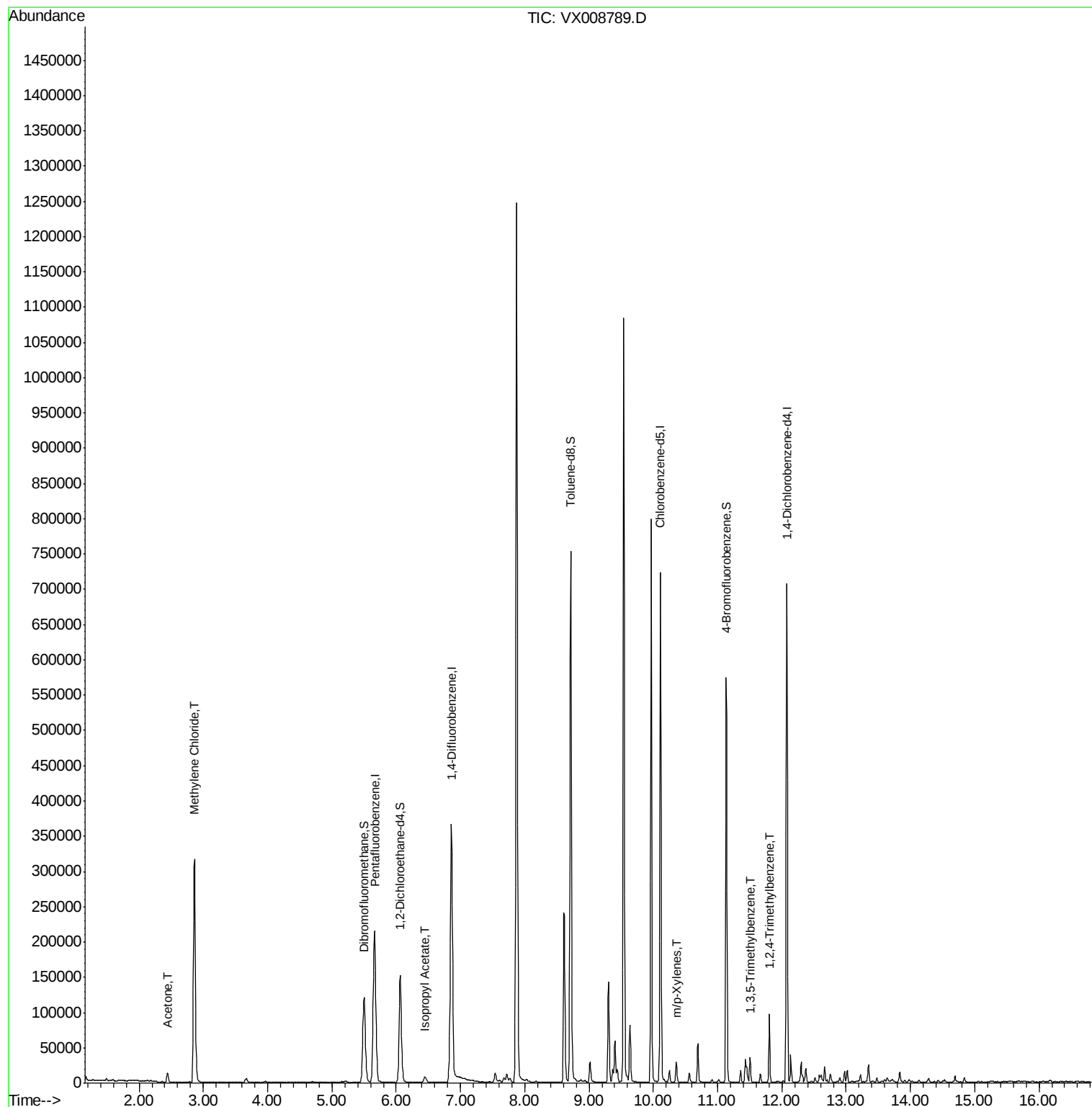
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	15267	8.711	ug/l	99
20) Methylene Chloride	2.86	84	148176	50.507	ug/l	98
43) Isopropyl Acetate	6.45	43	11968	1.500	ug/l	98
68) m/p-Xylenes	10.36	106	6546	1.411	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	14181	1.433	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	40496	4.041	ug/l	97

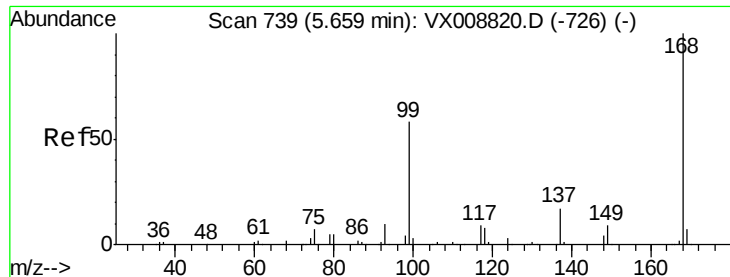
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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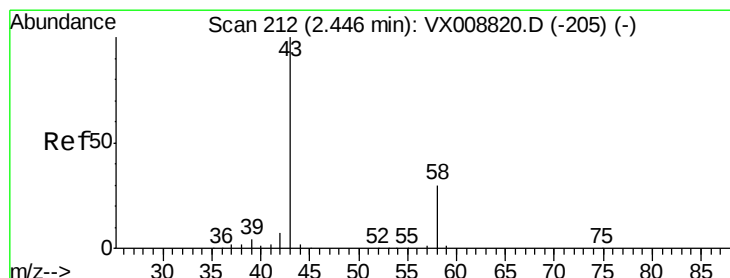
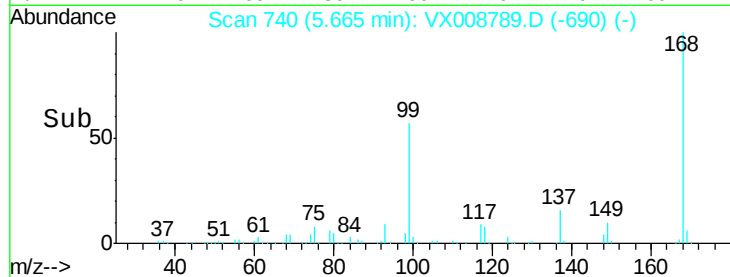
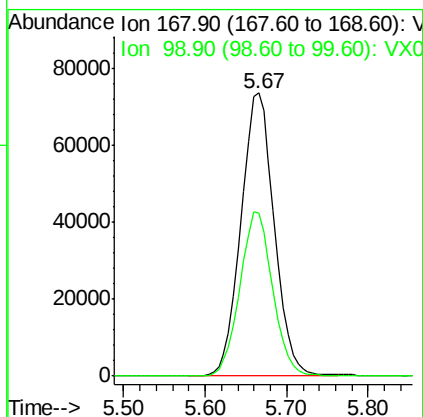
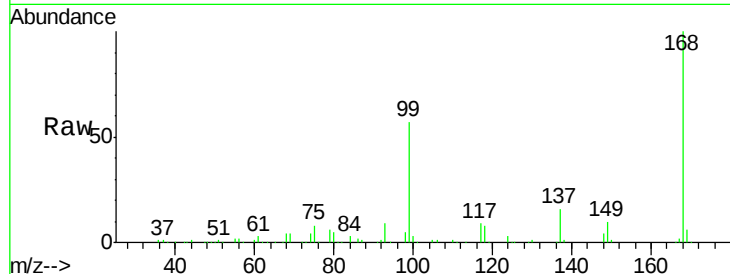




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

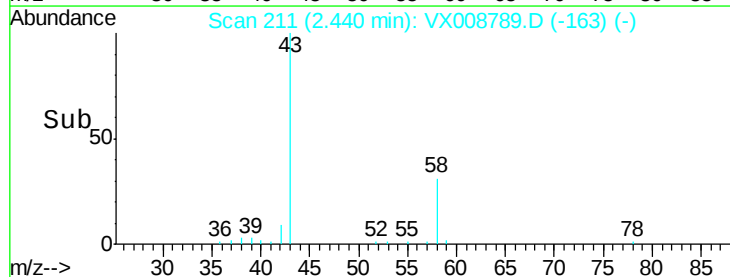
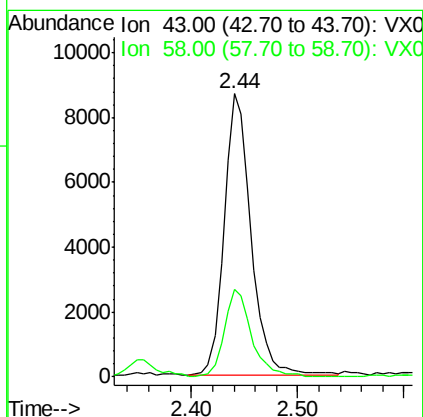
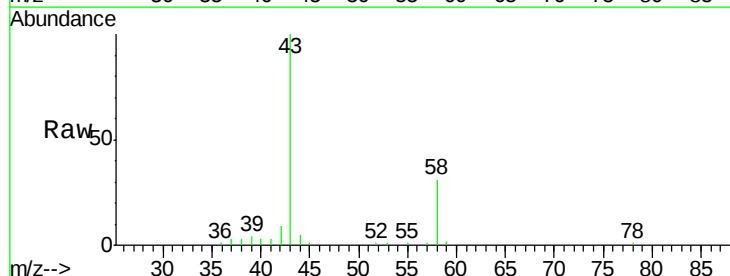
Instrument :
MSVOA_X
ClientSampleId :
TP-2-DEEP

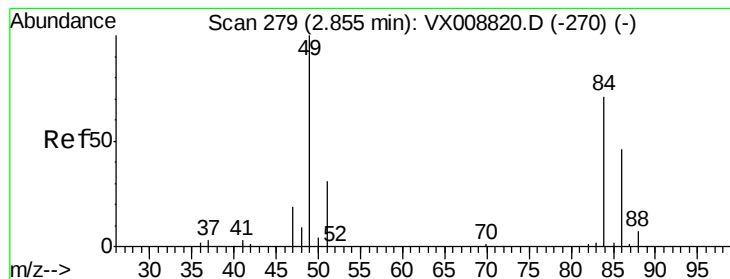
Tot Ion:168 Resp: 208631
Ion Ratio Lower Upper
168 100
99 57.5 46.7 70.1



#16
Acetone
Concen: 8.711 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion: 43 Resp: 15267
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2





#20

Methylene Chloride

Concen: 50.507 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

Tot Ion: 84 Resp: 148176

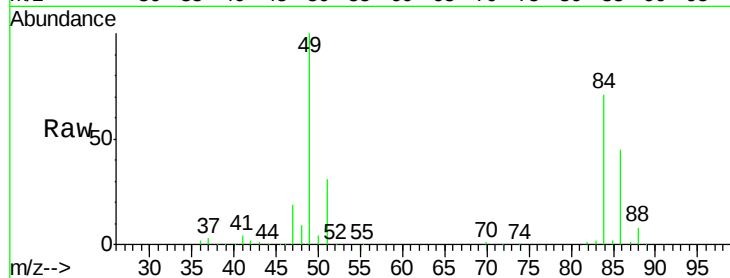
Ion Ratio Lower Upper

84 100

49 140.4 109.7 164.5

51 43.1 33.6 50.4

86 63.4 51.4 77.2

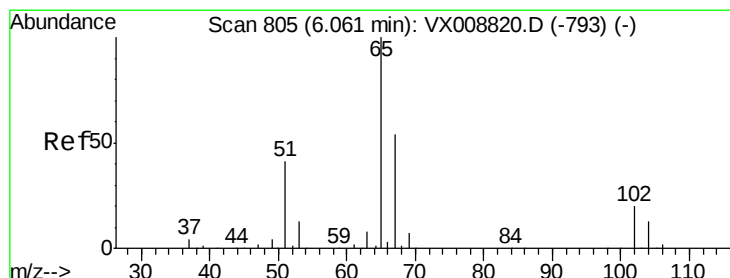
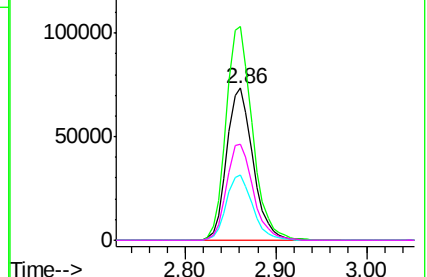
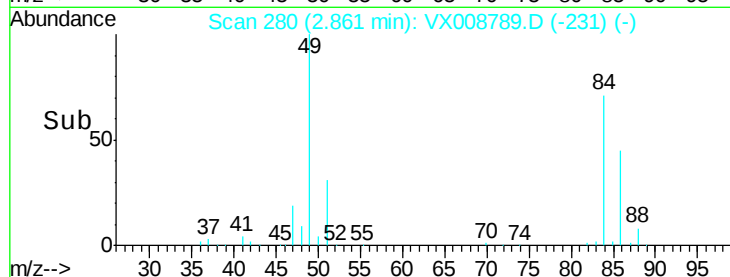


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 46.921 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008789.D

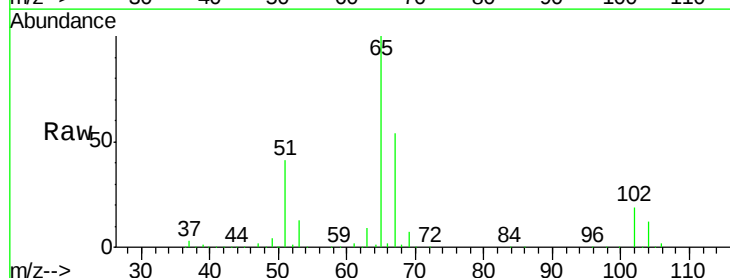
Acq: 09 Apr 2019 22:25

Tgt Ion: 65 Resp: 142780

Ion Ratio Lower Upper

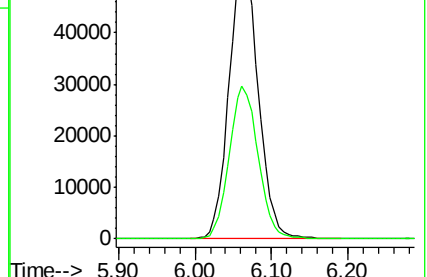
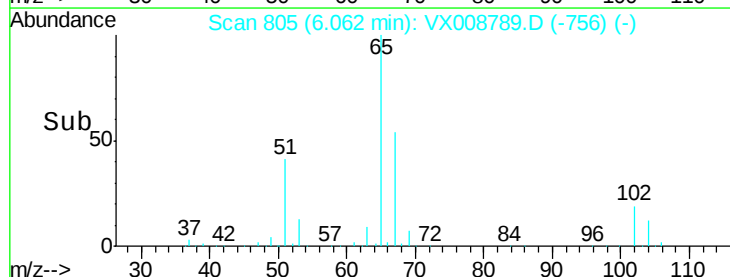
65 100

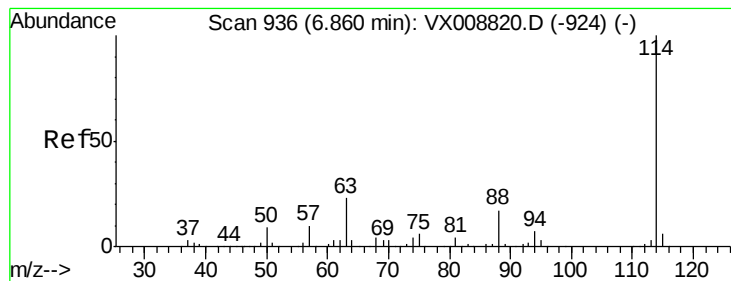
67 54.6 0.0 107.2



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

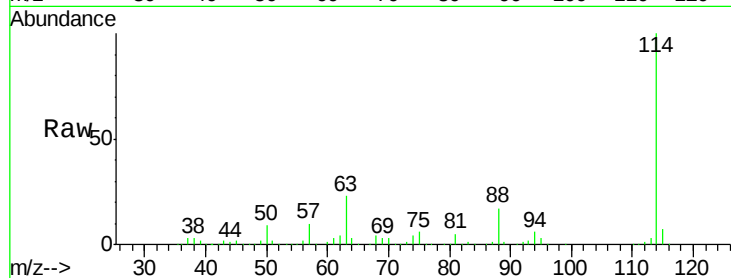
Tot Ion:114 Resp: 349194

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

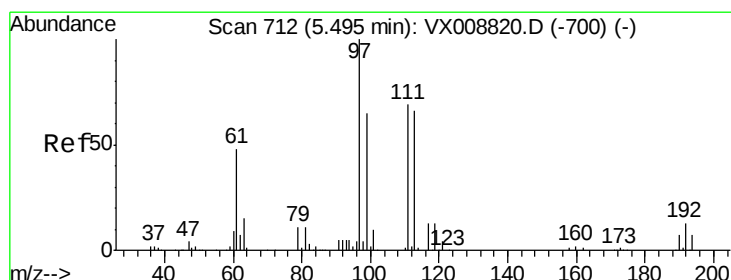
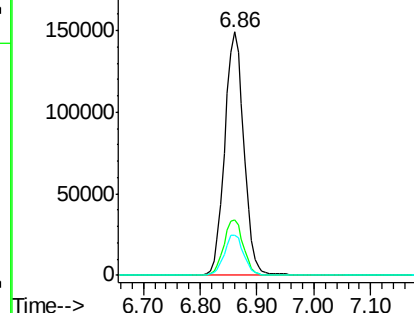
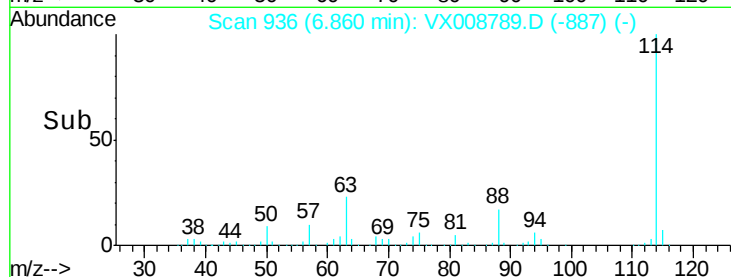
88 16.5 0.0 34.0



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: 47.262 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

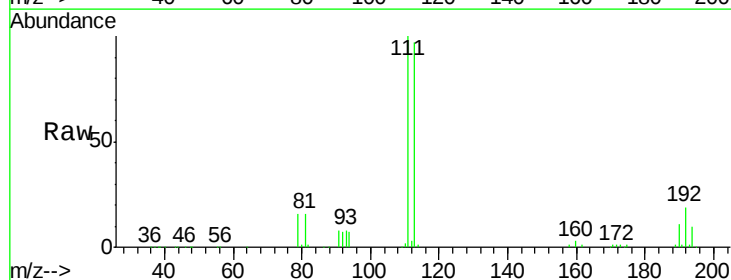
Tgt Ion:113 Resp: 105518

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

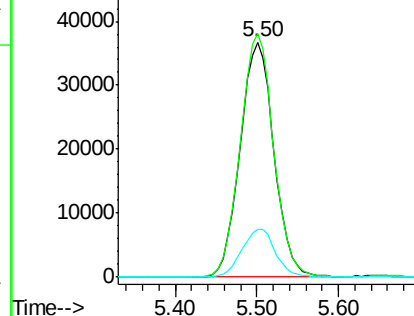
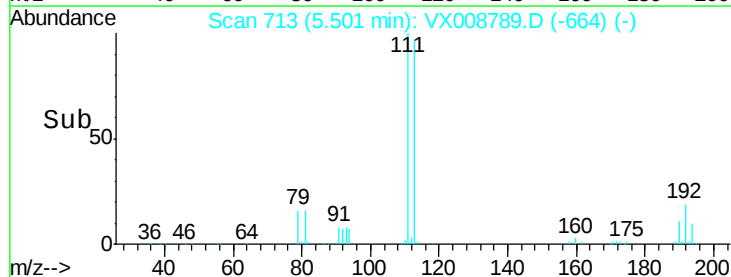
192 20.5 16.1 24.1

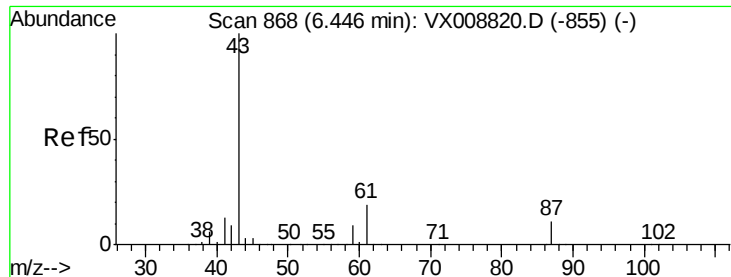


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.500 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

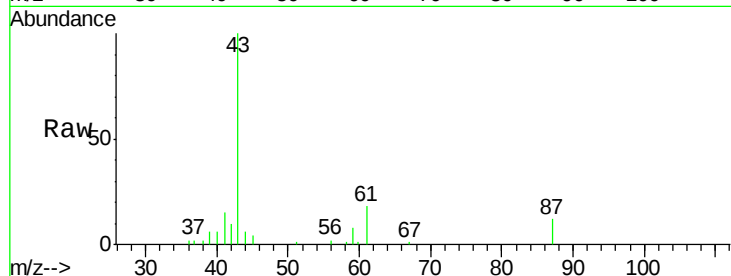
Tot Ion: 43 Resp: 11968

Ion Ratio Lower Upper

43 100

61 20.4 15.3 22.9

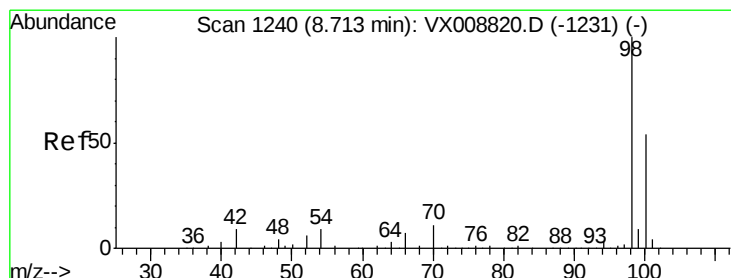
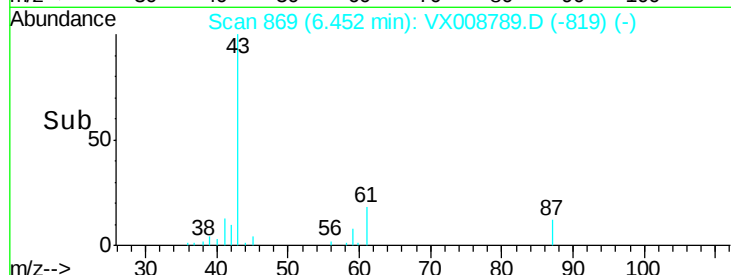
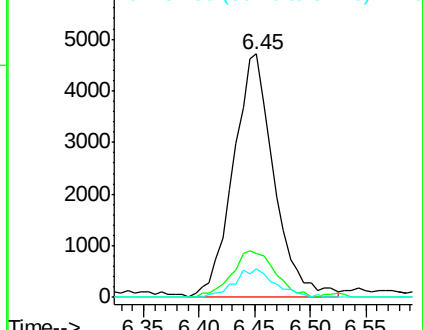
87 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.319 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008789.D

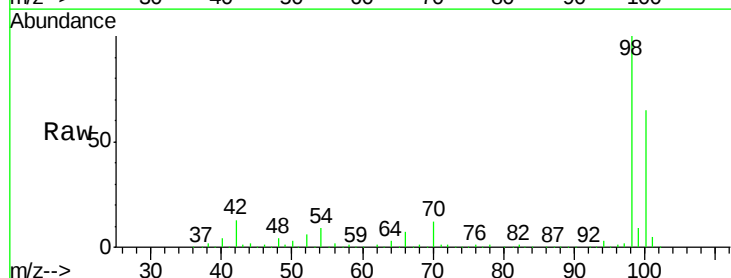
Acq: 09 Apr 2019 22:25

Tgt Ion: 98 Resp: 438433

Ion Ratio Lower Upper

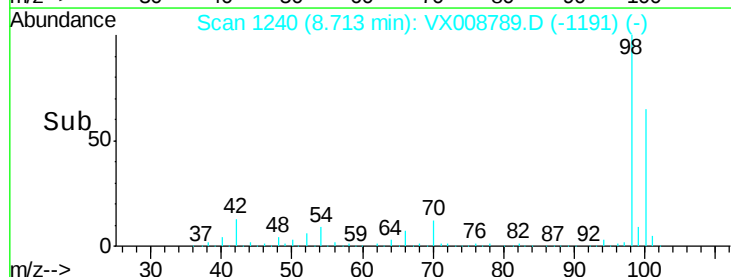
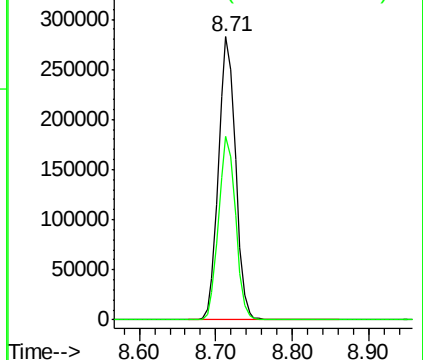
98 100

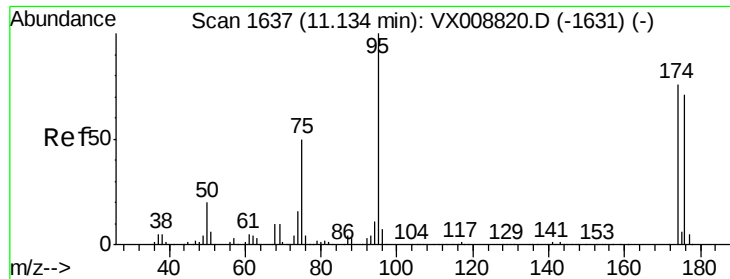
100 64.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.477 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

TP-2-DEEP

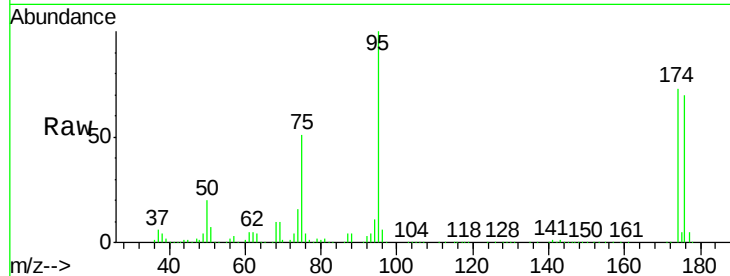
Tot Ion: 95 Resp: 152819

Ion Ratio Lower Upper

95 100

174 78.8 0.0 151.8

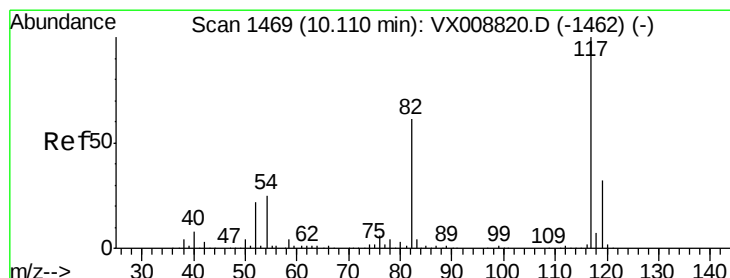
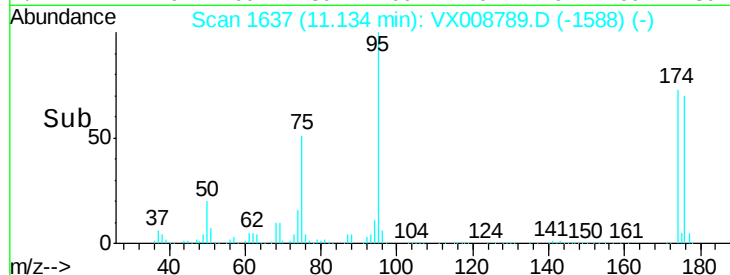
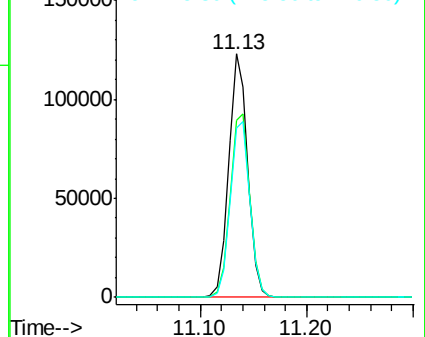
176 75.6 0.0 145.8



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: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

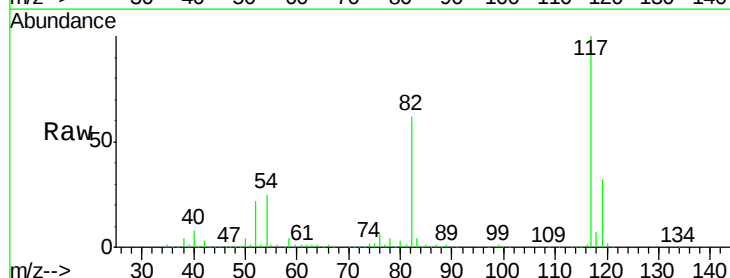
Tgt Ion: 117 Resp: 312170

Ion Ratio Lower Upper

117 100

82 62.2 49.6 74.4

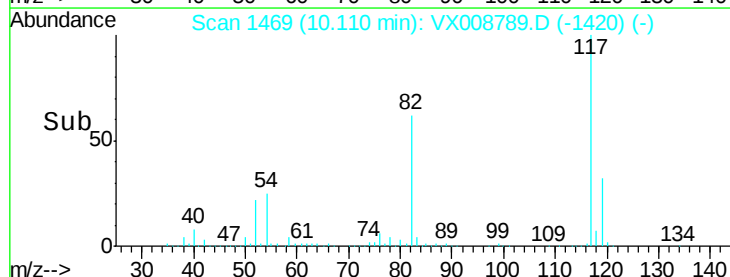
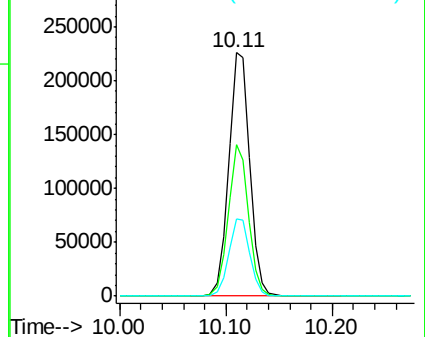
119 31.8 25.0 37.4

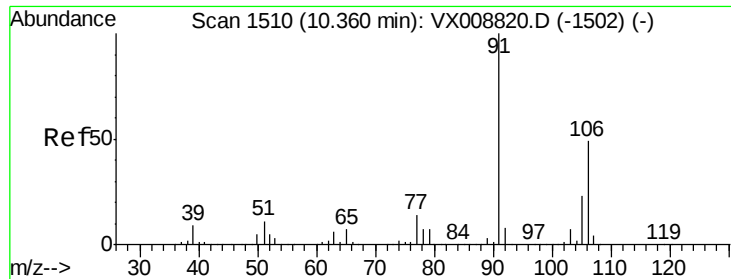


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

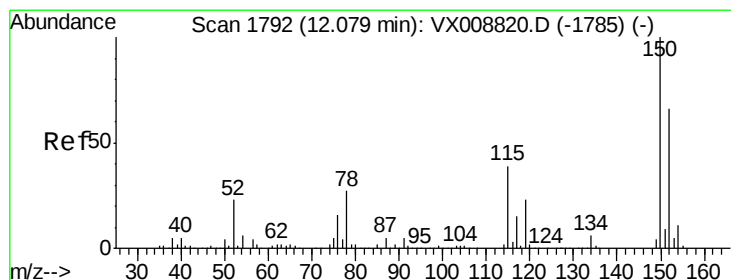
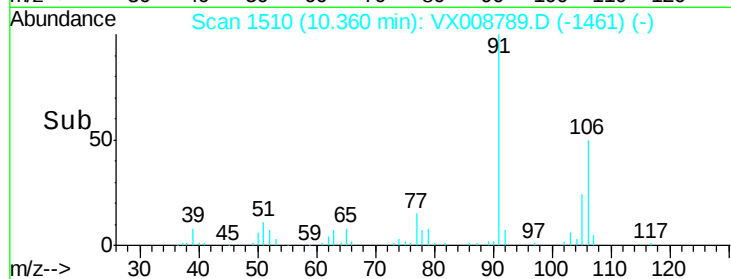
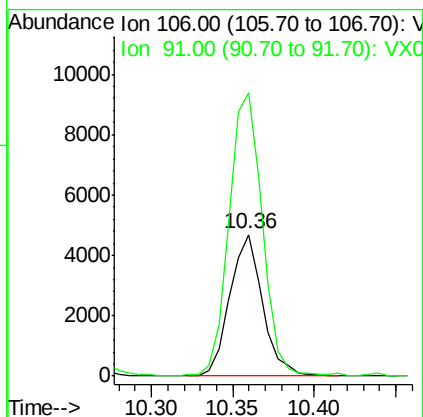
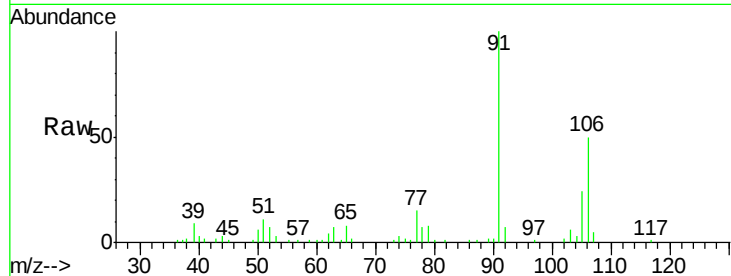




#68
m/p-Xvlenes
Concen: 1.411 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

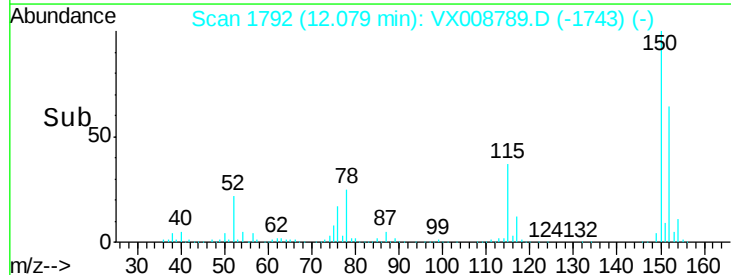
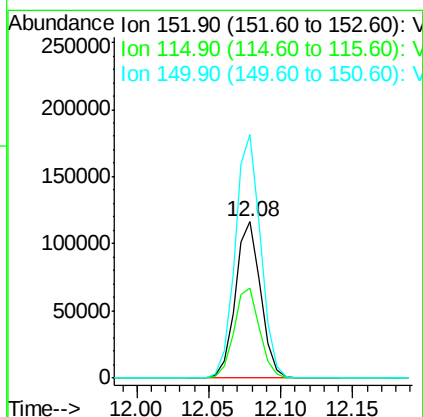
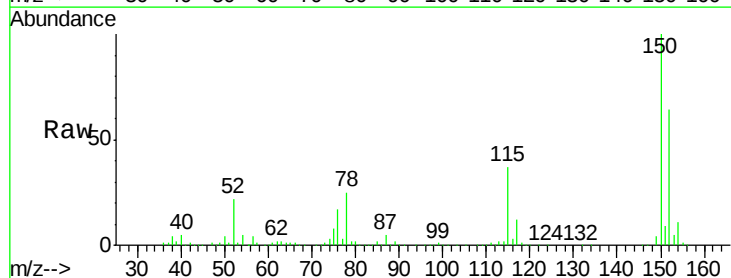
Instrument :
MSVOA_X
ClientSampled :
TP-2-DEEP

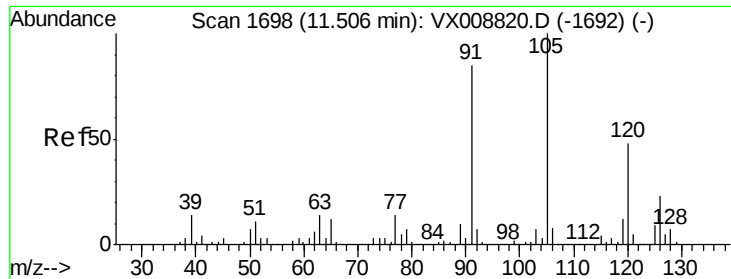
Tot Ion:106 Resp: 6546
Ion Ratio Lower Upper
106 100
91 203.4 168.5 252.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008789.D
Acq: 09 Apr 2019 22:25

Tgt Ion:152 Resp: 142276
Ion Ratio Lower Upper
152 100
115 58.8 43.5 130.5
150 157.3 0.0 348.8





#80

1,3,5-Trimethylbenzene

Concen: 1.433 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

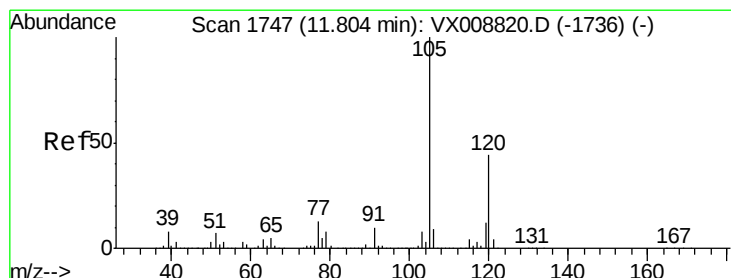
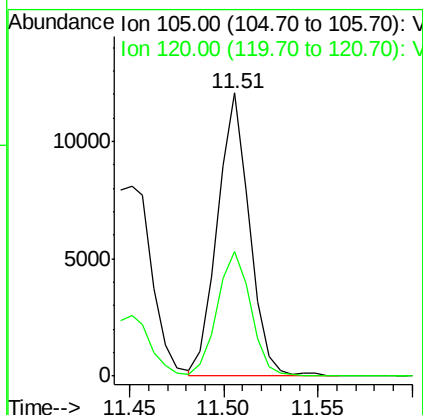
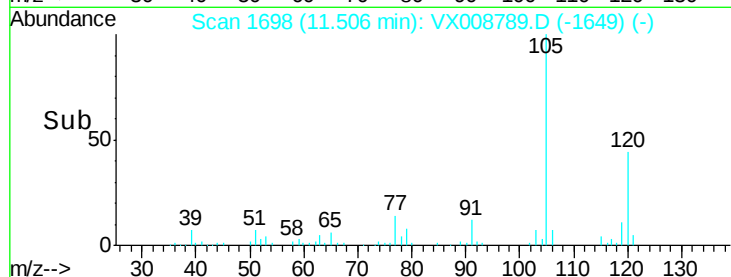
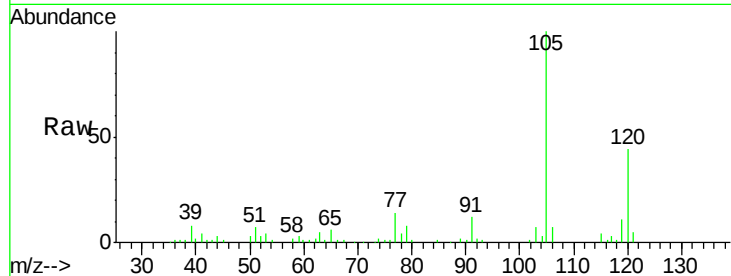
TP-2-DEEP

Tot Ion:105 Resp: 14181

Ion Ratio Lower Upper

105 100

120 46.3 23.5 70.6



#84

1,2,4-Trimethylbenzene

Concen: 4.041 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008789.D

Acq: 09 Apr 2019 22:25

Tgt Ion:105 Resp: 40496

Ion Ratio Lower Upper

105 100

120 45.4 21.8 65.3

