

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005416.D
 Acq On : 15 Sep 2018 06:27
 Operator : SY/AP
 Sample : J4906-25
 Misc : 6.52G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-4

Quant Time: Sep 17 01:03:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

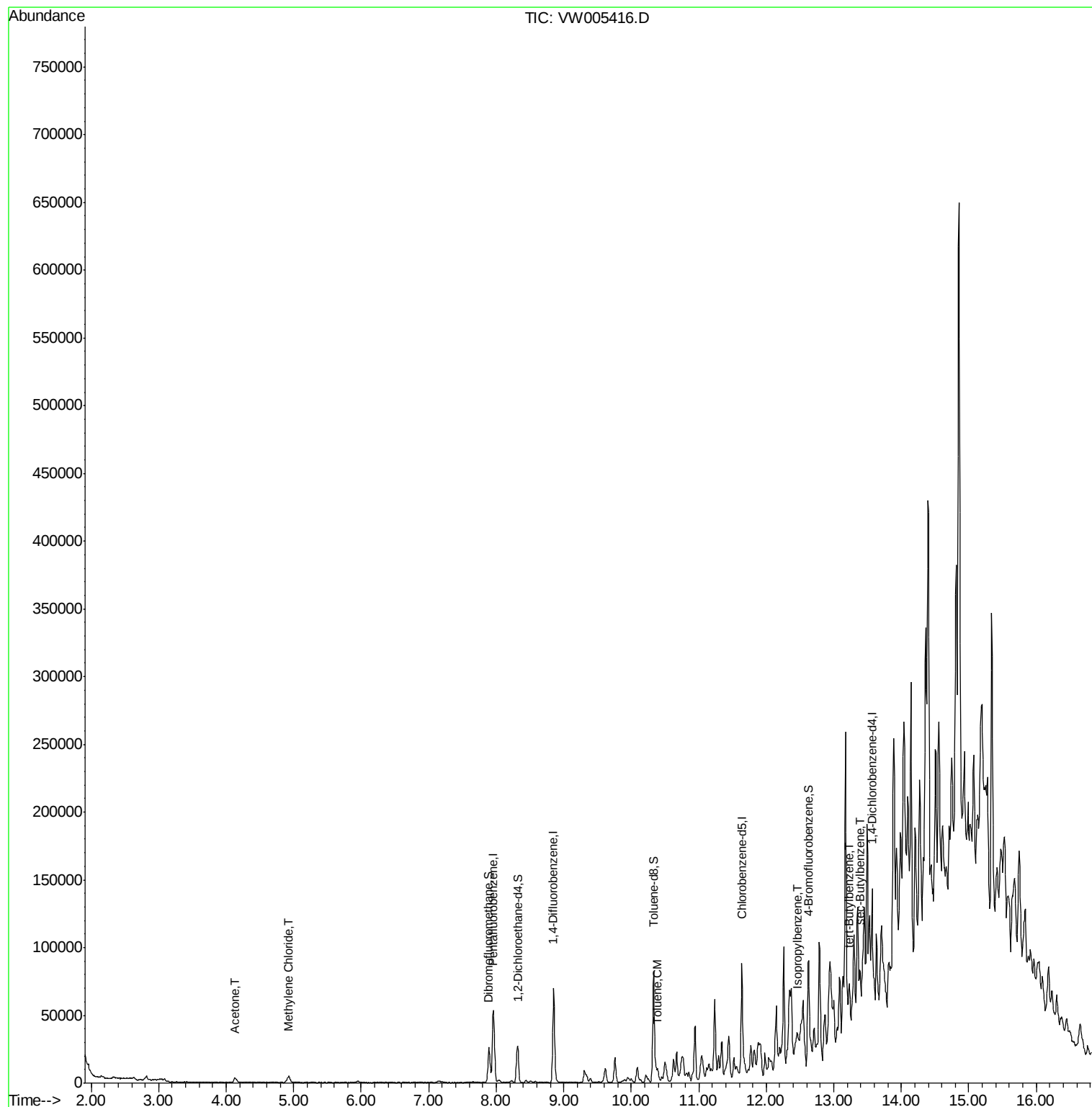
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	40214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	58629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	45507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	20417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	23318	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	7.89	113	18025	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
50) Toluene-d8	10.33	98	47422	31.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.00%	
62) 4-Bromofluorobenzene	12.62	95	21242	38.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.96%	
Target Compounds						
16) Acetone	4.13	43	6479	96.90	ug/l	97
20) Methylene Chloride	4.93	84	3552	3.20	ug/l #	89
52) Toluene	10.40	92	3358	3.09	ug/l	99
73) Isopropylbenzene	12.47	105	2109	1.47	ug/l	97
83) tert-Butylbenzene	13.21	119	2584	2.49	ug/l	83
85) sec-Butylbenzene	13.39	105	6842	4.56	ug/l #	64

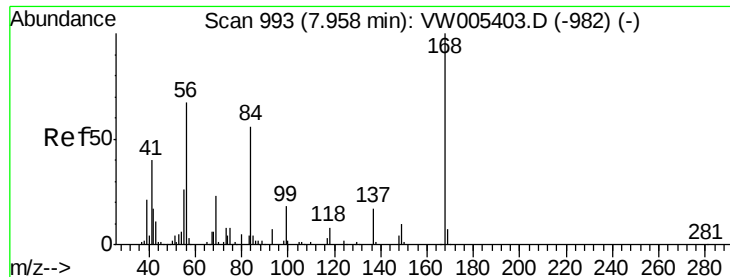
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005416.D
Acq On : 15 Sep 2018 06:27
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ClientSampleId :
SP-PIT-4

Quant Time: Sep 17 01:03:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005416.D

Acq: 15 Sep 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

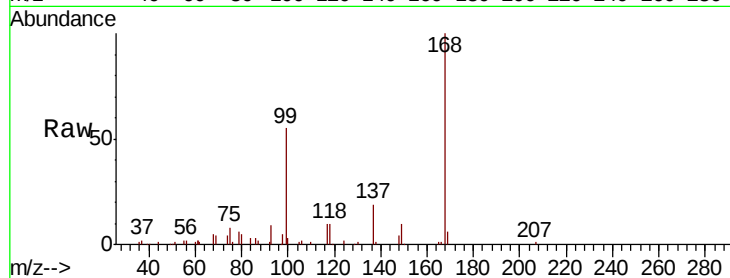
SP-PIT-4

Tot Ion:168 Resp: 40214

Ion Ratio Lower Upper

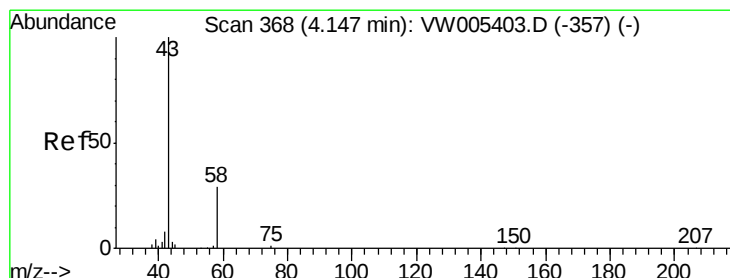
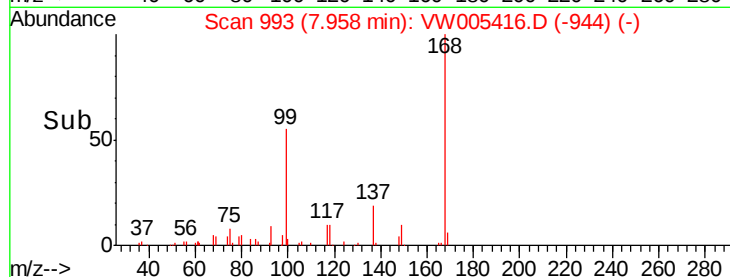
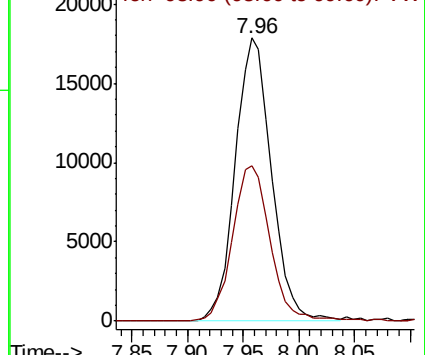
168 100

99 54.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 96.90 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005416.D

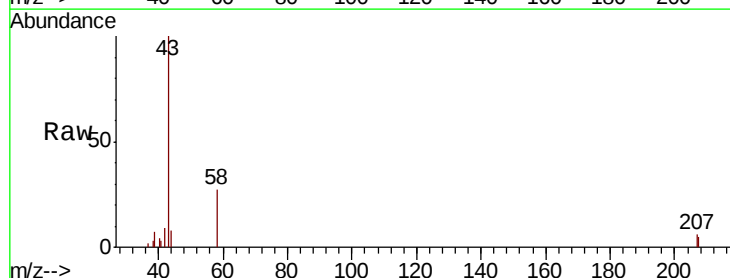
Acq: 15 Sep 2018 06:27

Tgt Ion: 43 Resp: 6479

Ion Ratio Lower Upper

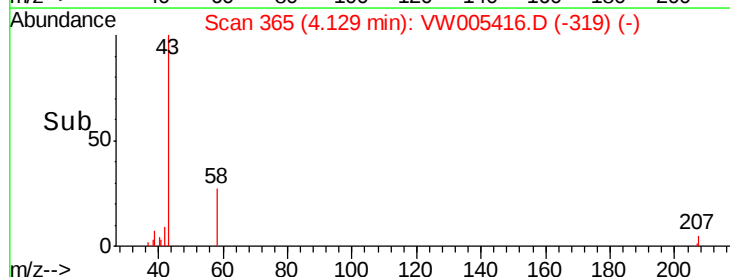
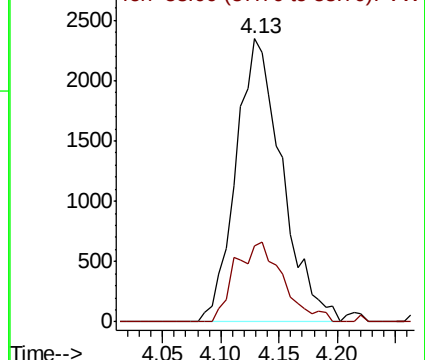
43 100

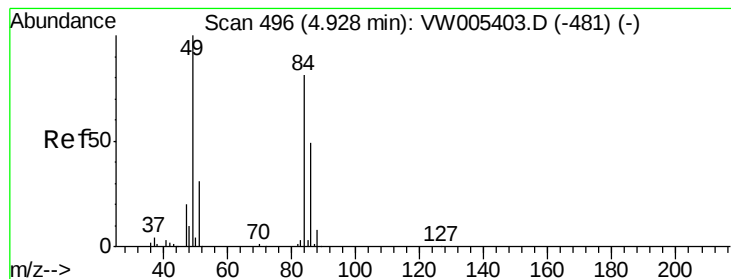
58 26.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.20 ug/l

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW005416.D

Acq: 15 Sep 2018 06:27

Instrument :

MSVOA_W

ClientSampled :

SP-PIT-4

Tot Ion: 84 Resp: 3552

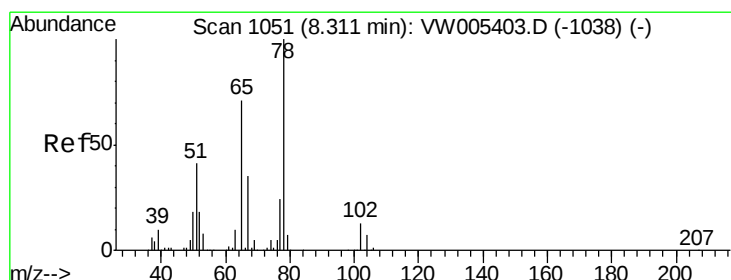
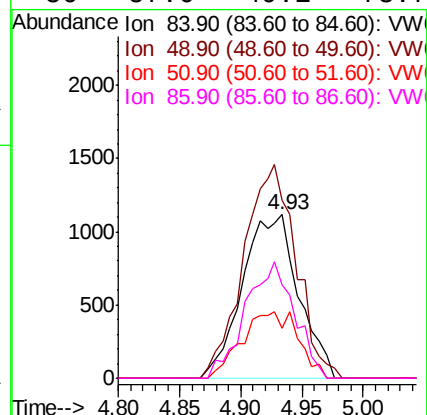
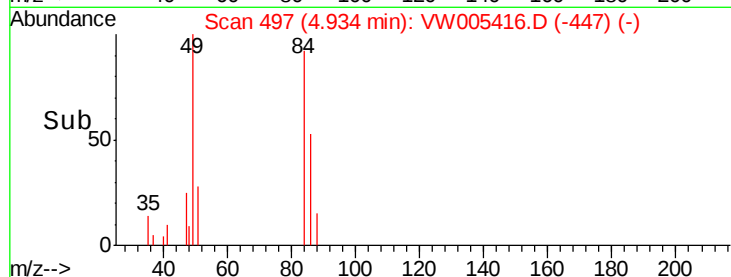
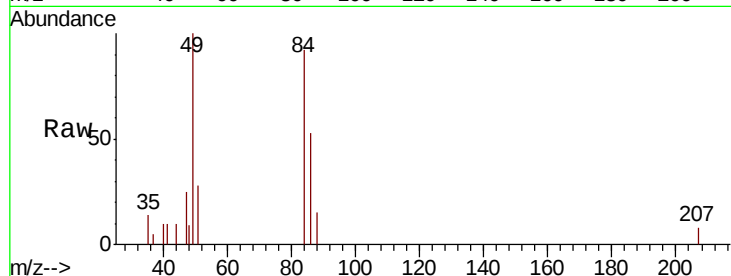
Ion Ratio Lower Upper

84 100

49 109.2 99.3 148.9

51 30.8 31.1 46.7#

86 57.6 49.1 73.7



#33

1,2-Dichloroethane-d4

Concen: 55.86 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005416.D

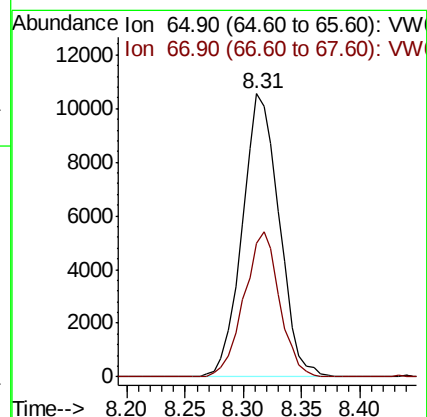
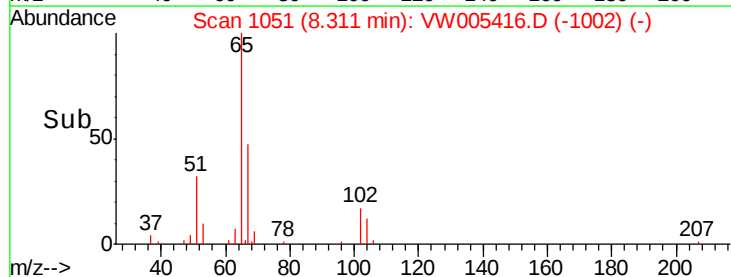
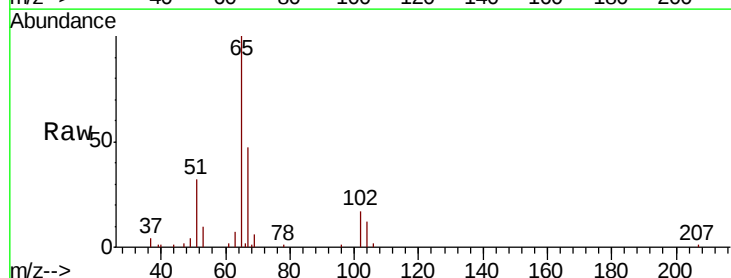
Acq: 15 Sep 2018 06:27

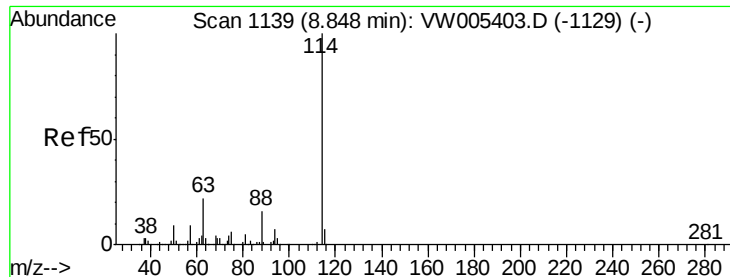
Tgt Ion: 65 Resp: 23318

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VW005416.D

Acq: 15 Sep 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-4

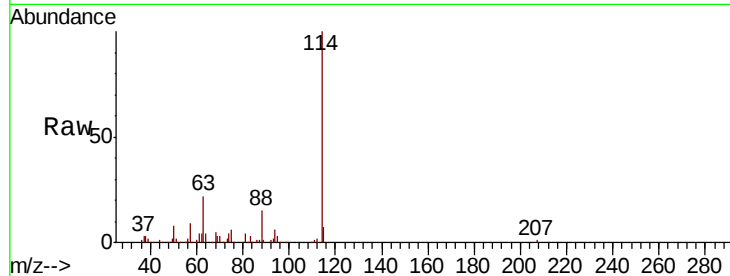
Tot Ion:114 Resp: 58629

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

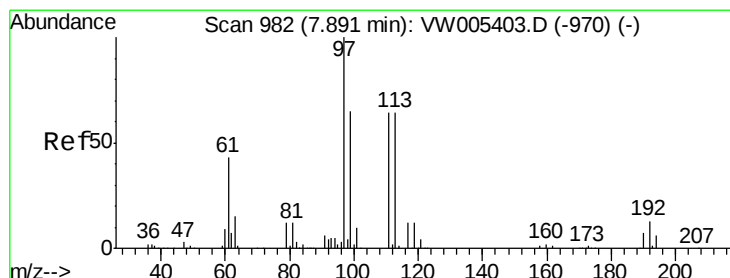
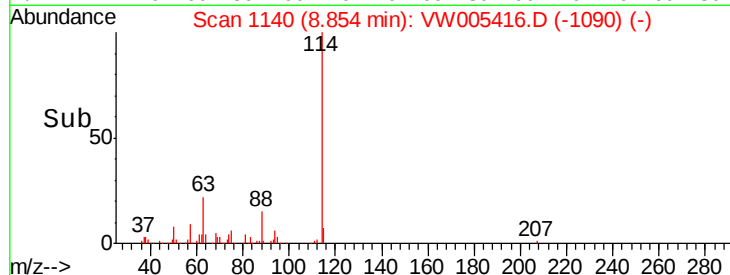
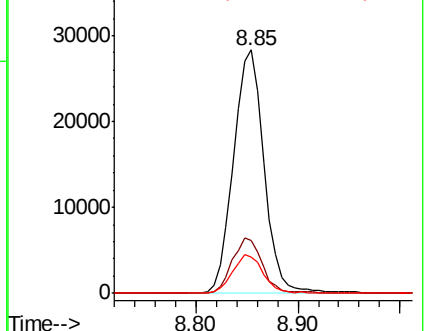
88 15.1 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.83 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW005416.D

Acq: 15 Sep 2018 06:27

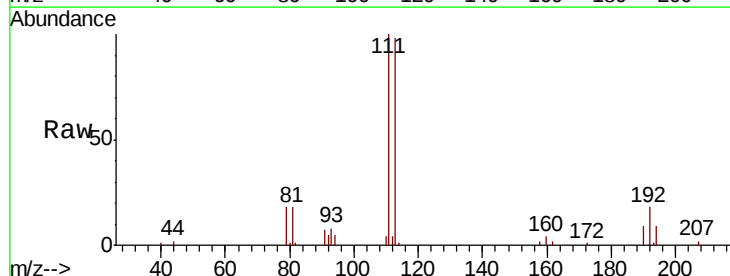
Tgt Ion:113 Resp: 18025

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

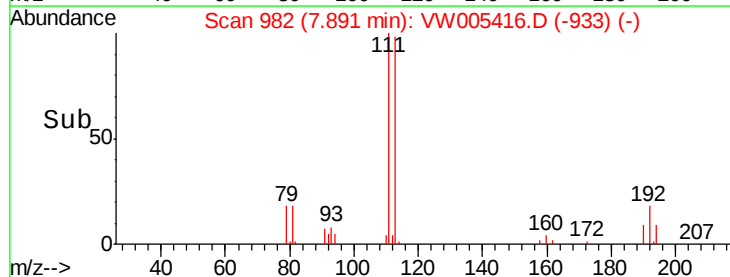
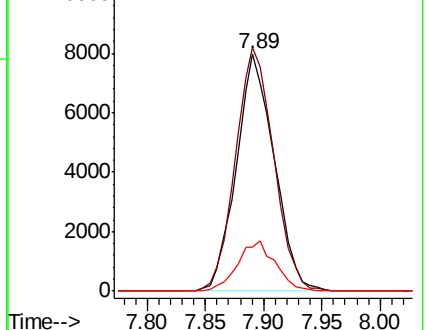
192 20.9 16.5 24.7

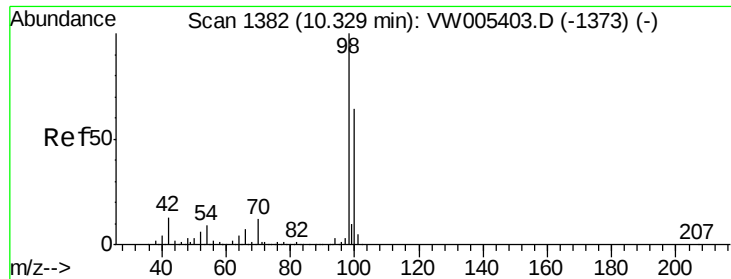


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.50 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005416.D

Acq: 15 Sep 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

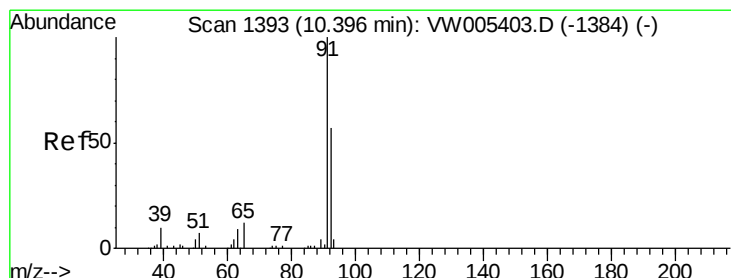
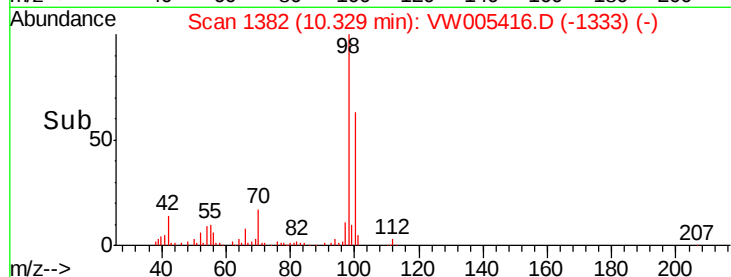
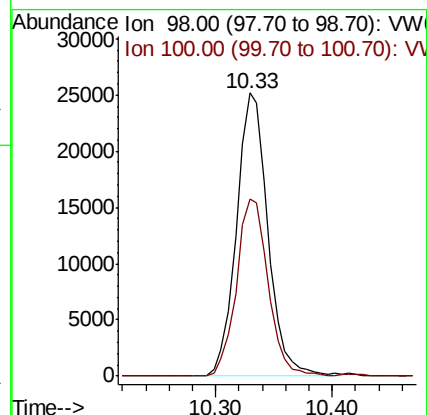
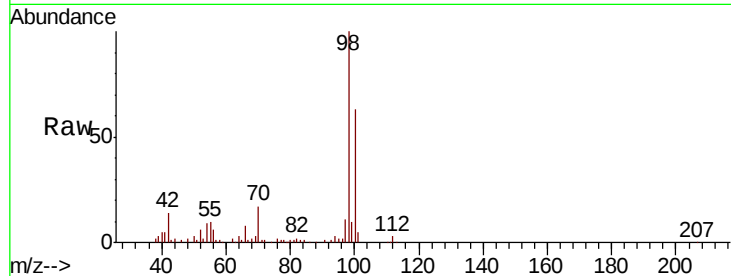
SP-PIT-4

Tot Ion: 98 Resp: 47422

Ion Ratio Lower Upper

98 100

100 62.9 51.4 77.0



#52

Toluene

Concen: 3.09 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005416.D

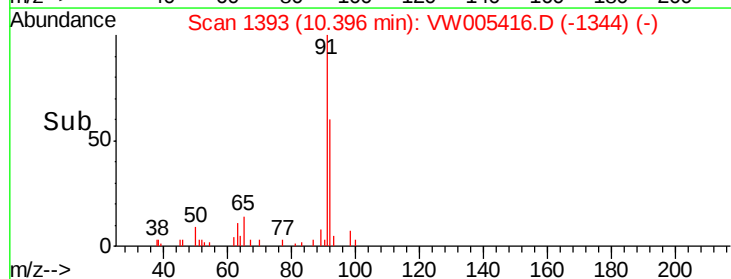
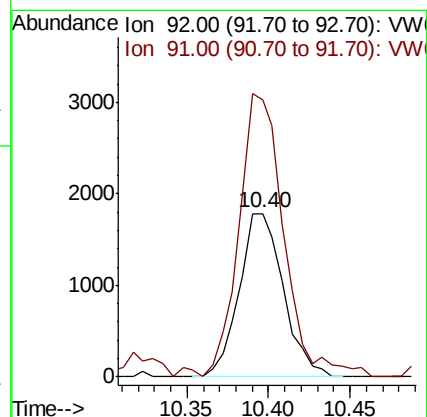
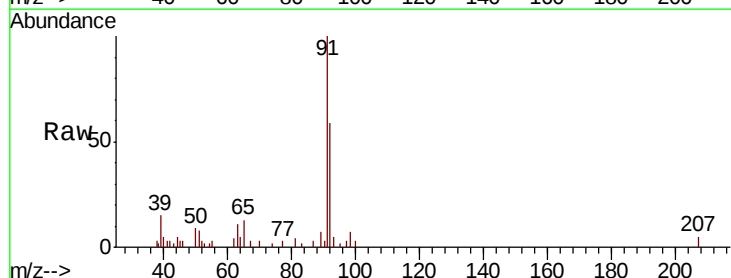
Acq: 15 Sep 2018 06:27

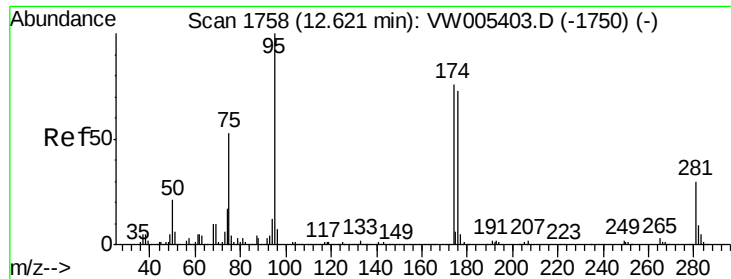
Tgt Ion: 92 Resp: 3358

Ion Ratio Lower Upper

92 100

91 175.9 139.1 208.7

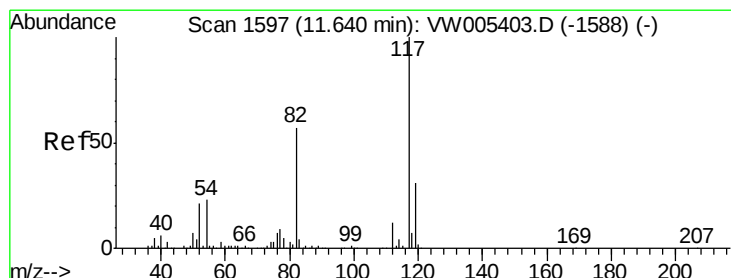
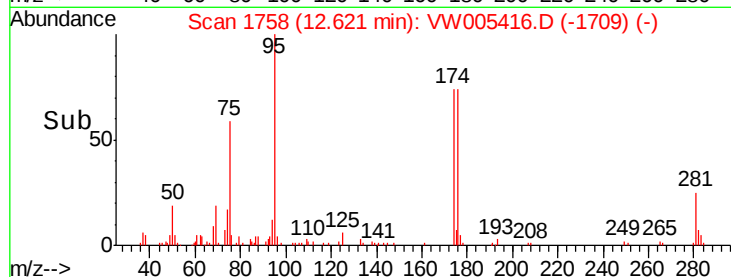
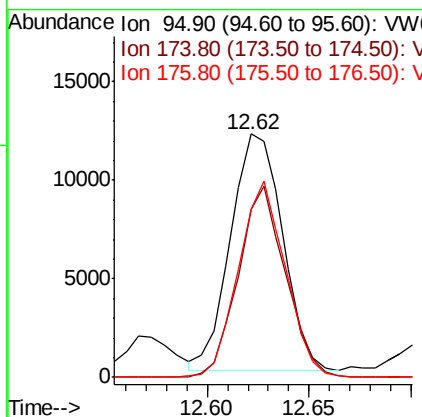
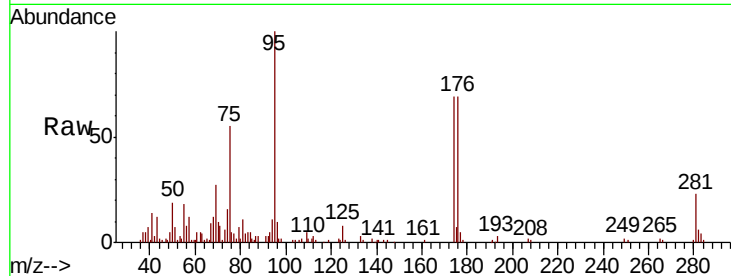




#62
4-Bromofluorobenzene
Concen: 38.48 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW005416.D
Acq: 15 Sep 2018 06:27

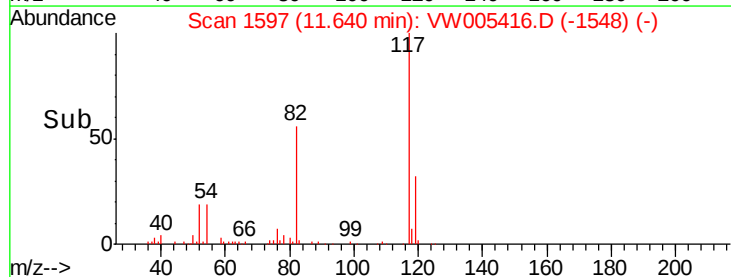
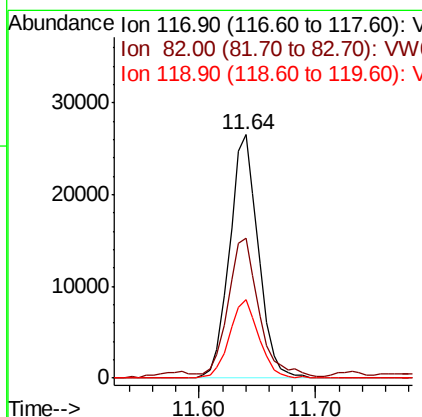
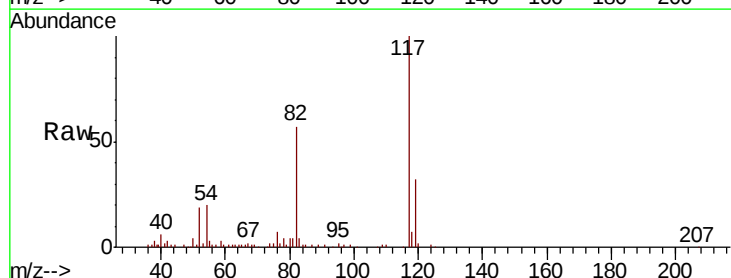
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-4

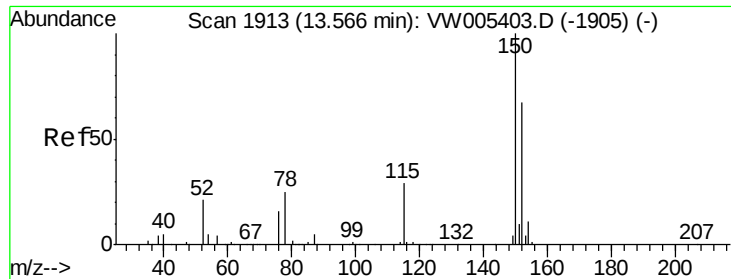
Tot Ion: 95 Resp: 21242
Ion Ratio Lower Upper
95 100
174 73.3 0.0 161.2
176 74.9 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005416.D
Acq: 15 Sep 2018 06:27

Tgt Ion: 117 Resp: 45507
Ion Ratio Lower Upper
117 100
82 55.5 45.9 68.9
119 32.2 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005416.D

Acq: 15 Sep 2018 06:27

Instrument :

MSVOA_W

ClientSampled :

SP-PIT-4

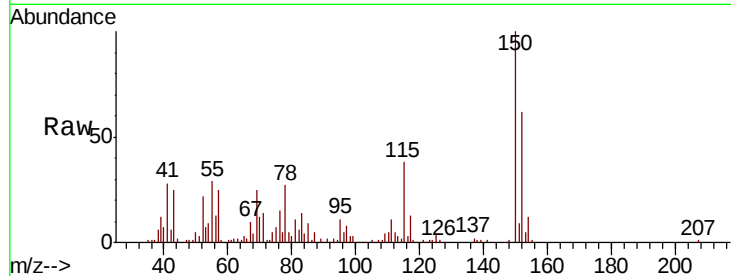
Tot Ion:152 Resp: 20417

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

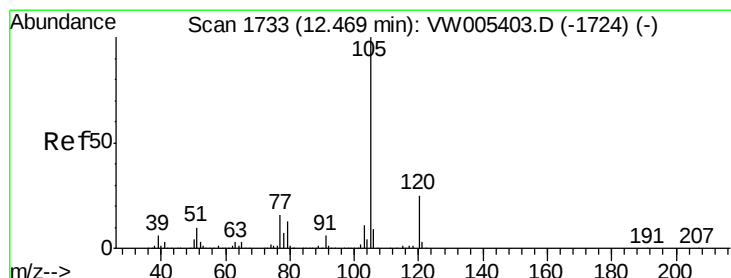
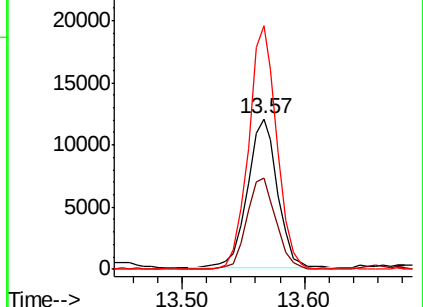
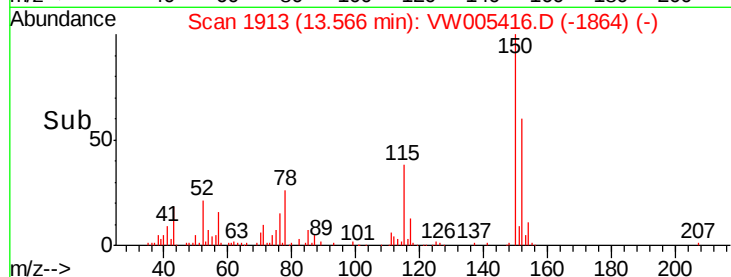
150 153.7 0.0 345.6



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



#73

Isopropylbenzene

Concen: 1.47 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005416.D

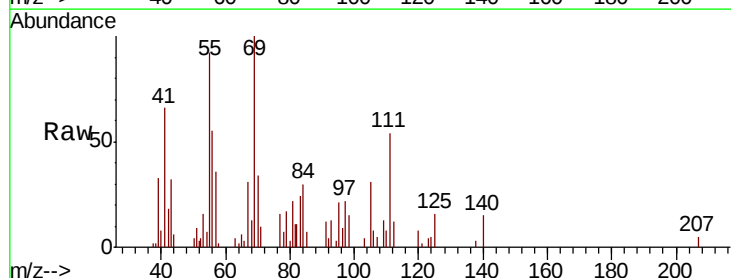
Acq: 15 Sep 2018 06:27

Tgt Ion:105 Resp: 2109

Ion Ratio Lower Upper

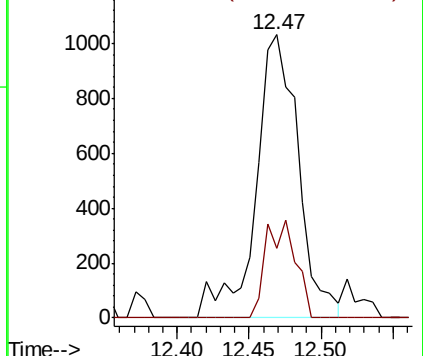
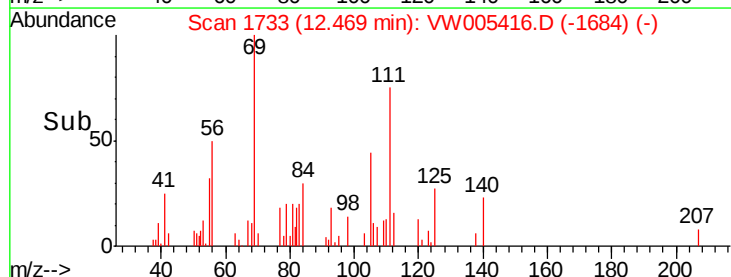
105 100

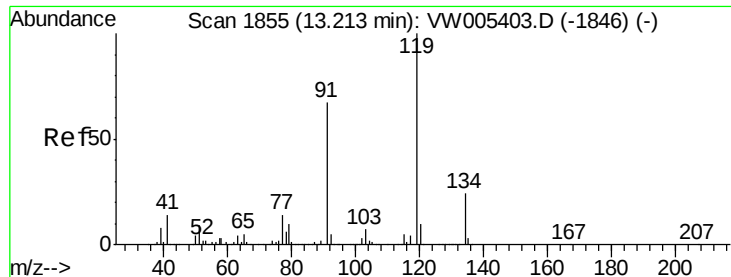
120 24.2 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

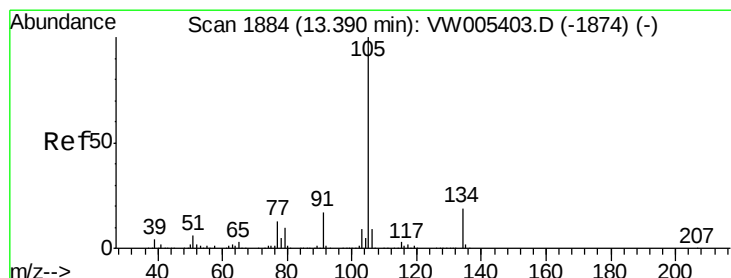
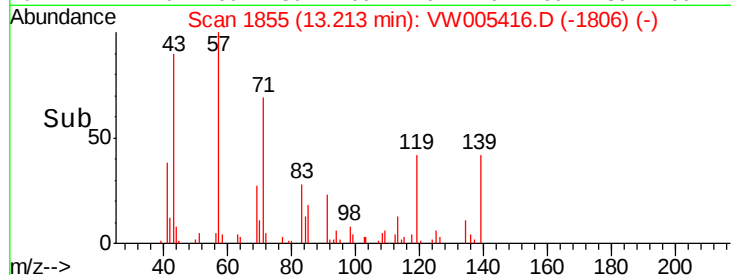
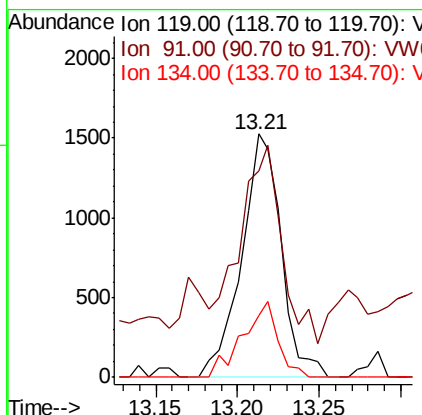
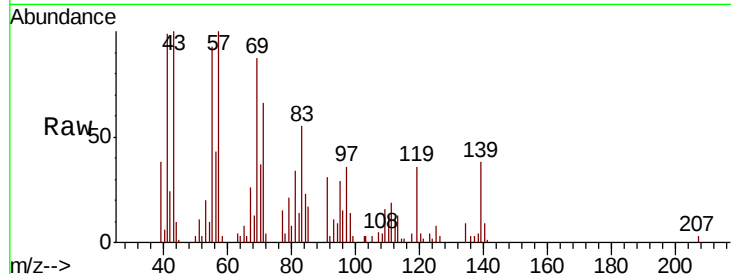




#83
 tert-Butylbenzene
 Concen: 2.49 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005416.D
 Acq: 15 Sep 2018 06:27

Instrument :
 MSVOA_W
 ClientSampled :
 SP-PIT-4

Tot Ion:119 Resp: 2584
 Ion Ratio Lower Upper
 119 100
 91 86.4 34.4 103.2
 134 27.7 12.7 38.0



#85
 sec-Butylbenzene
 Concen: 4.56 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005416.D
 Acq: 15 Sep 2018 06:27

Tgt Ion:105 Resp: 6842
 Ion Ratio Lower Upper
 105 100
 134 36.0 9.8 29.5#

