

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005411.D
 Acq On : 15 Sep 2018 04:20
 Operator : SY/AP
 Sample : J4906-01
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-3

Quant Time: Sep 15 05:29:06 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

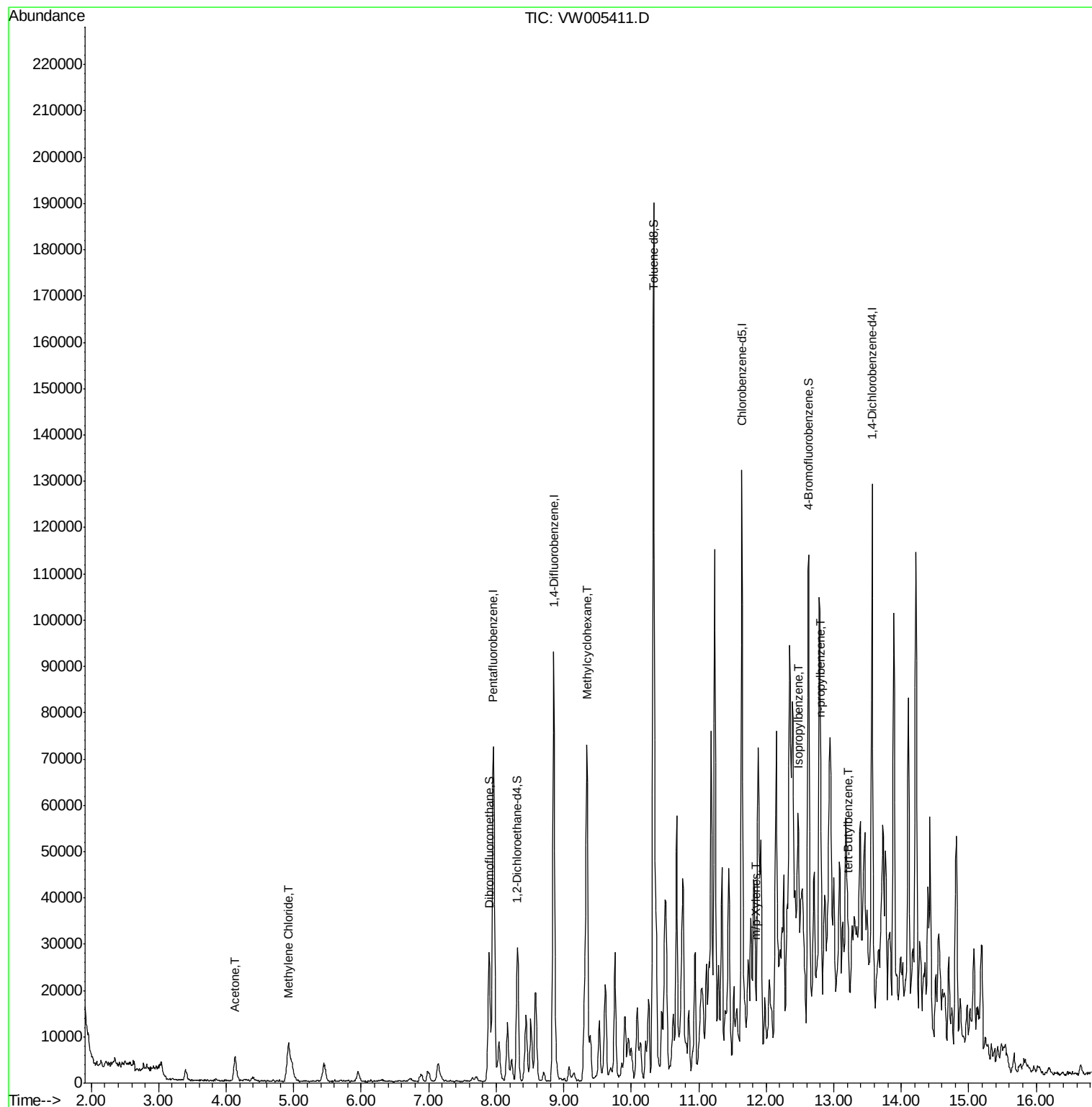
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	49156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	76819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	68511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24373	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.90	113	20208	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.33	98	83310	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	
62) 4-Bromofluorobenzene	12.63	95	27716	38.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.64%	
Target Compounds						
16) Acetone	4.14	43	9311	117.33	ug/l	94
20) Methylene Chloride	4.93	84	5762	6.37	ug/l	96
39) Methylcyclohexane	9.34	83	27850	32.97	ug/l	97
68) m/p-Xylenes	11.85	106	1526	1.55	ug/l	92
73) Isopropylbenzene	12.47	105	18837	9.18	ug/l	100
78) n-propylbenzene	12.81	91	18018	7.27	ug/l	98
83) tert-Butylbenzene	13.21	119	2831	1.90	ug/l	86

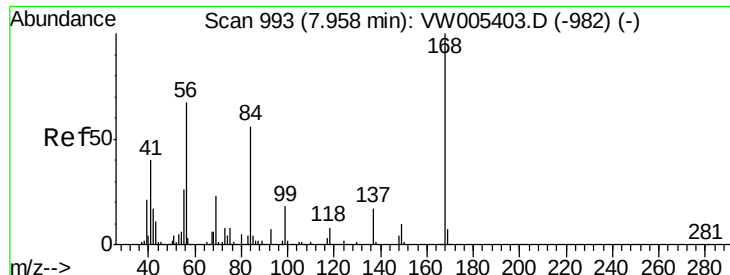
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-3

Quant Time: Sep 15 05:29:06 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# 994

Delta R.T. 0.01 min

Lab File: VW005411.D

Acq: 15 Sep 2018 04:20

Instrument :

MSVOA_W

ClientSampleId :

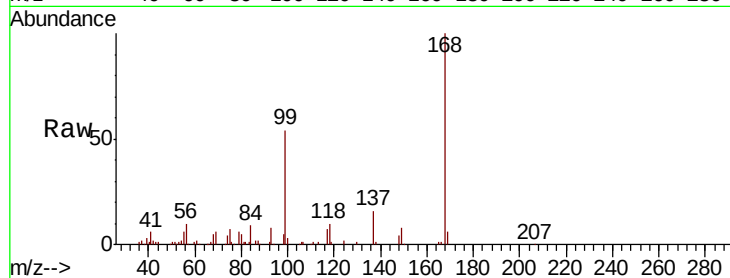
SP-PIT-3

Tot Ion:168 Resp: 49156

Ion Ratio Lower Upper

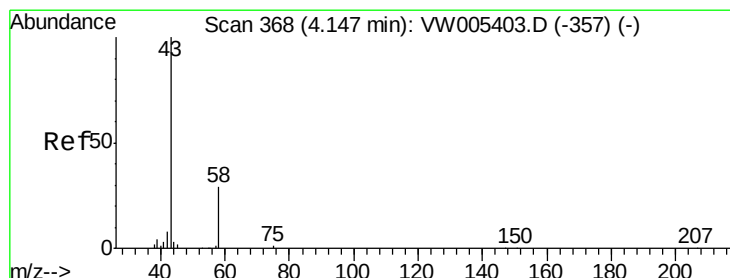
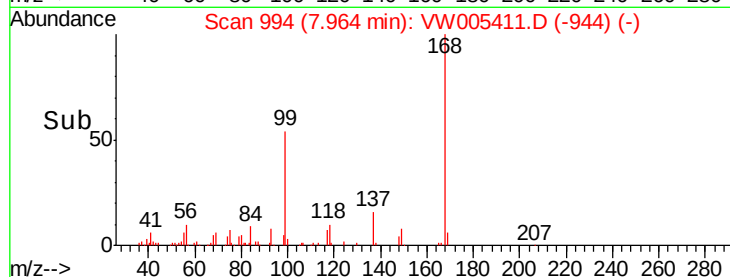
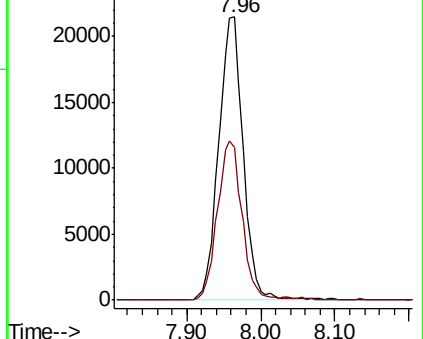
168 100

99 53.9 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: 117.33 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005411.D

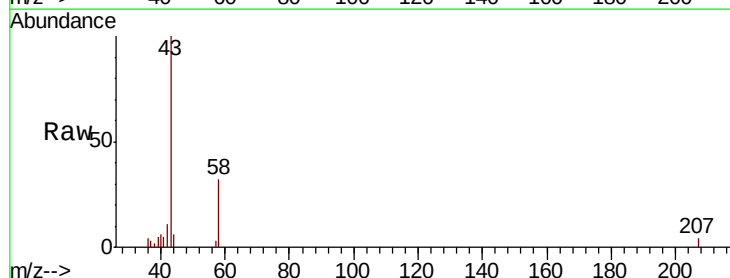
Acq: 15 Sep 2018 04:20

Tgt Ion: 43 Resp: 9311

Ion Ratio Lower Upper

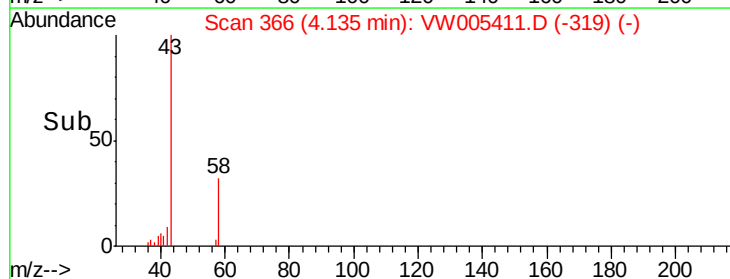
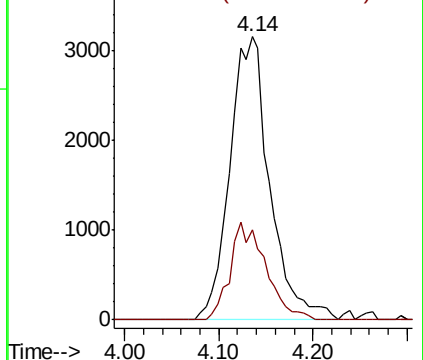
43 100

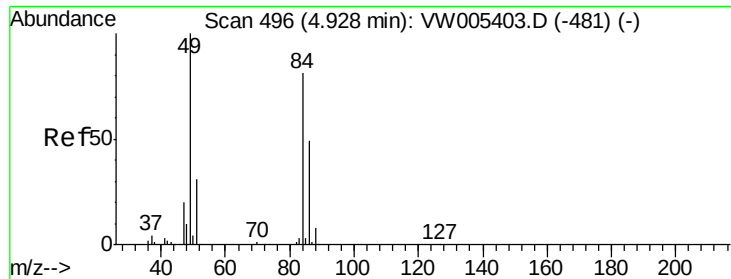
58 31.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



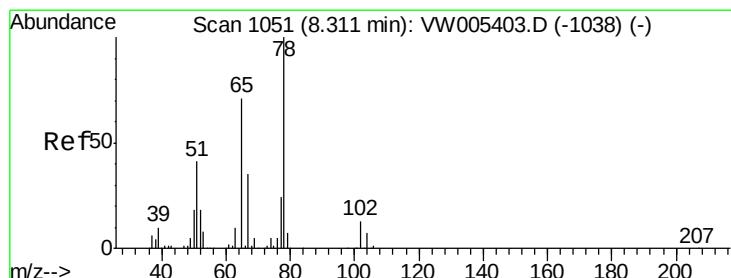
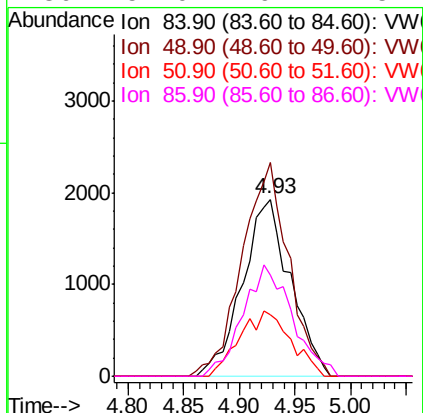
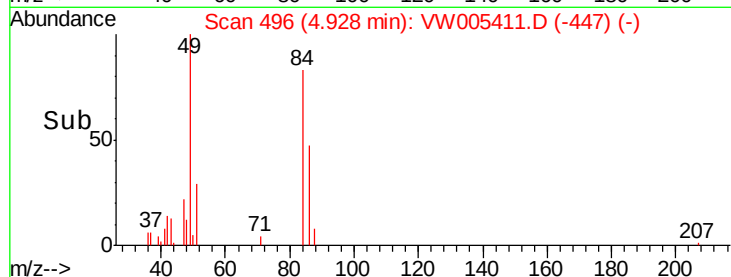
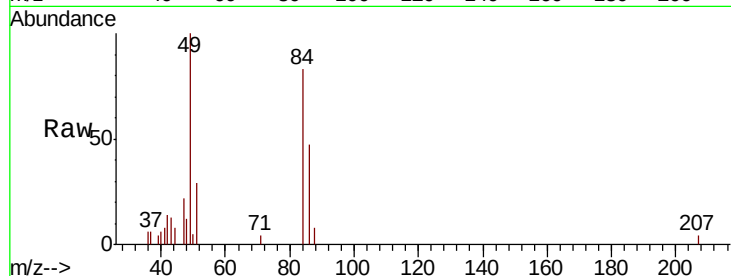


#20
Methylene Chloride
Concen: 6.37 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

Instrument :
MSVOA_W
ClientSampled :
SP-PIT-3

Tot Ion: 84 Resp: 5762

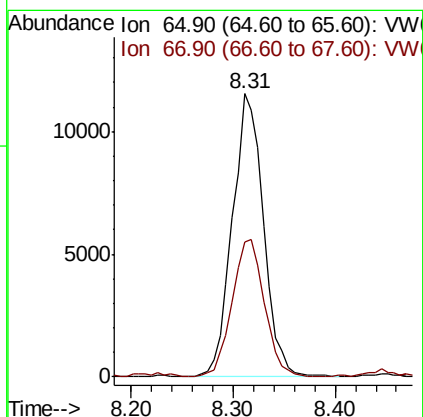
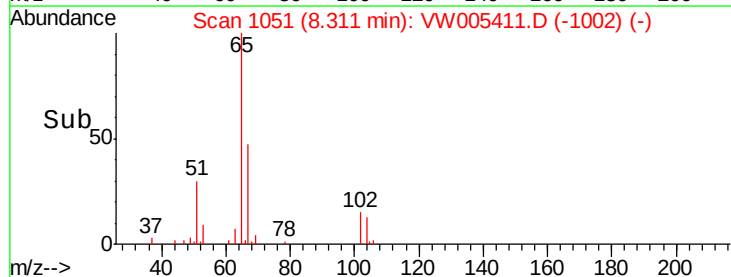
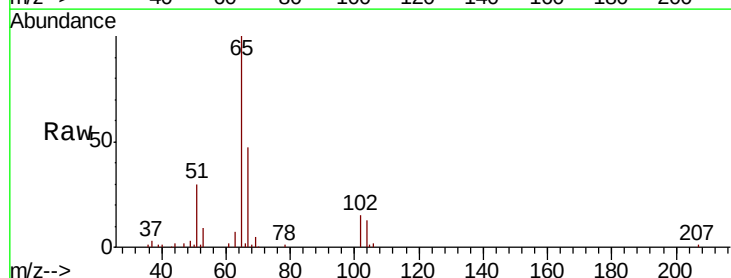
Ion	Ratio	Lower	Upper
84	100		
49	120.7	99.3	148.9
51	35.1	31.1	46.7
86	57.0	49.1	73.7

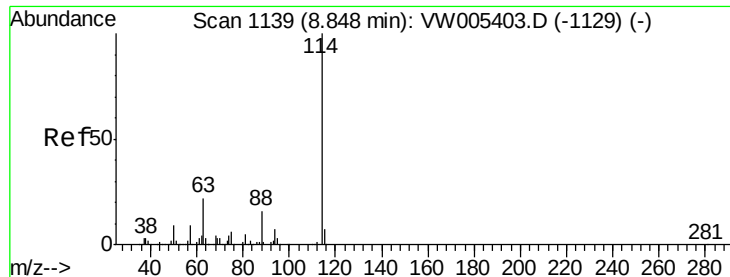


#33
1,2-Dichloroethane-d4
Concen: 47.77 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

Tgt Ion: 65 Resp: 24373

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.6

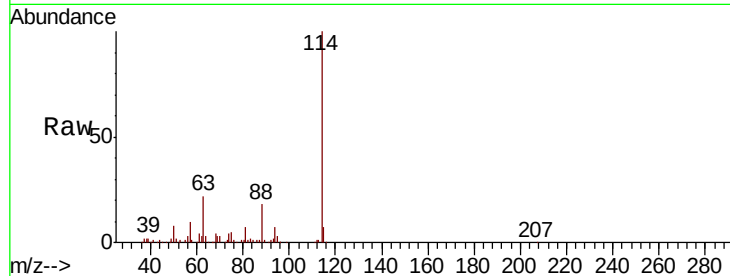




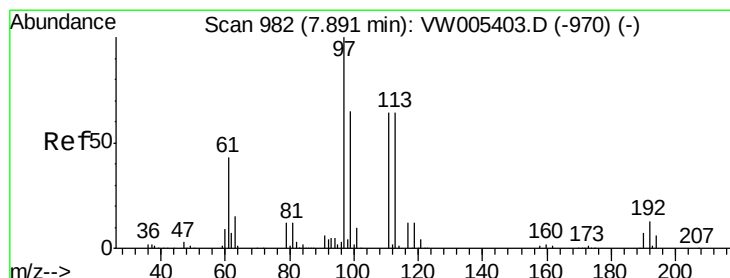
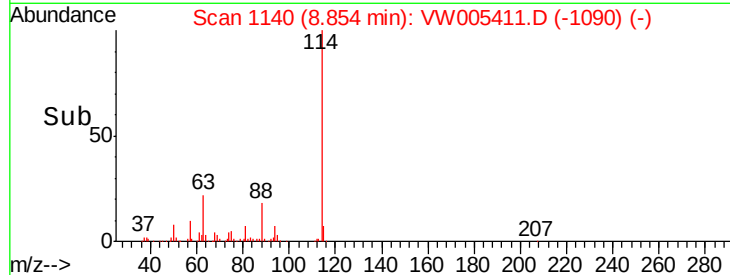
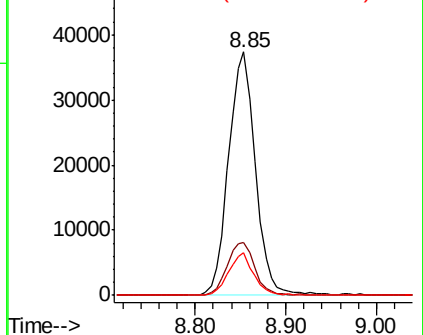
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005411.D
 Acq: 15 Sep 2018 04:20

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-3

Tot Ion:114 Resp: 76819
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 17.7 0.0 31.8

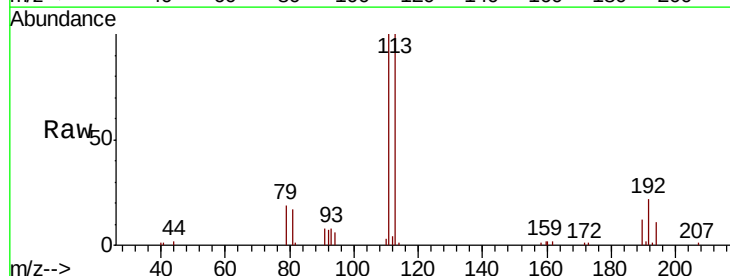


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

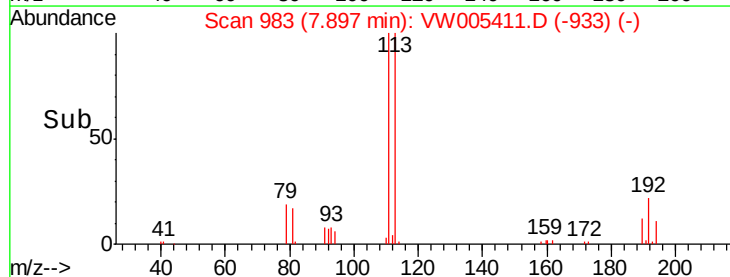
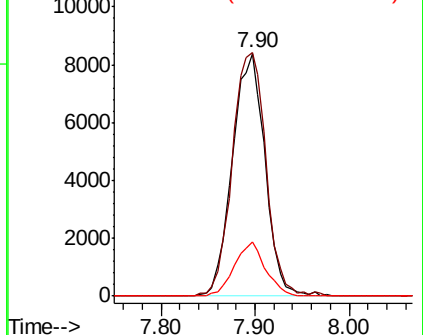


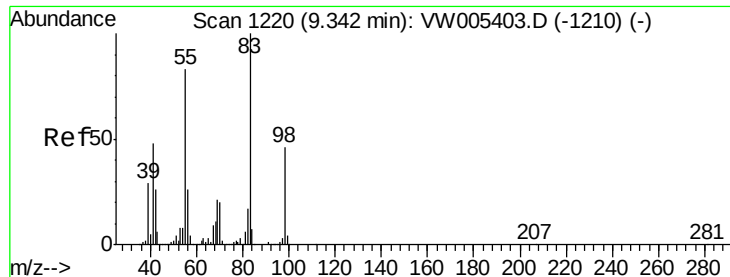
#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005411.D
 Acq: 15 Sep 2018 04:20

Tgt Ion:113 Resp: 20208
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.3 123.5
 192 21.2 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

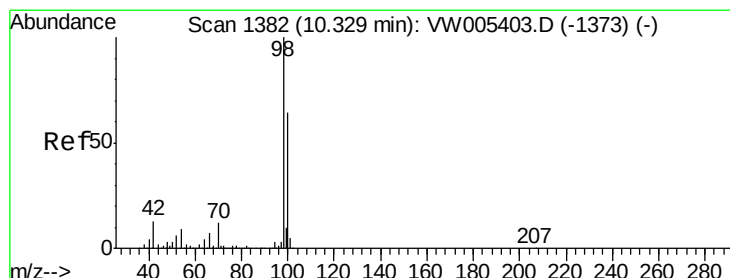
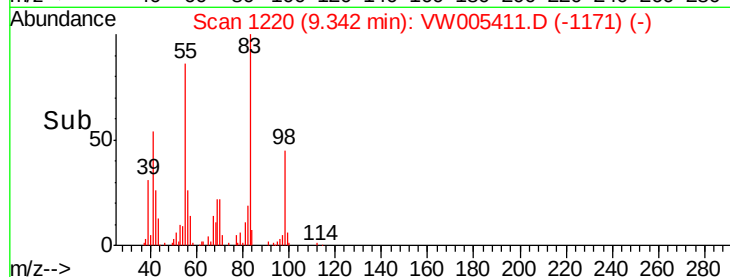
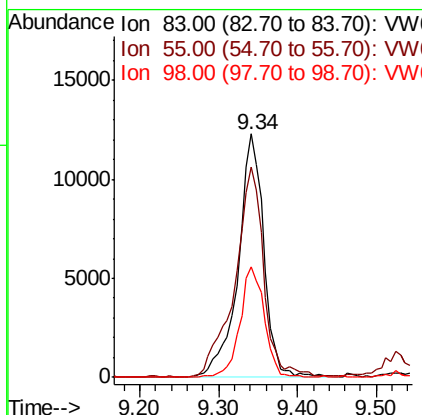
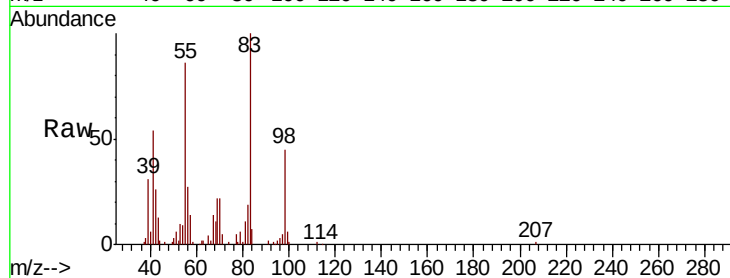




#39
Methylvlcyclohexane
Concen: 32.97 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

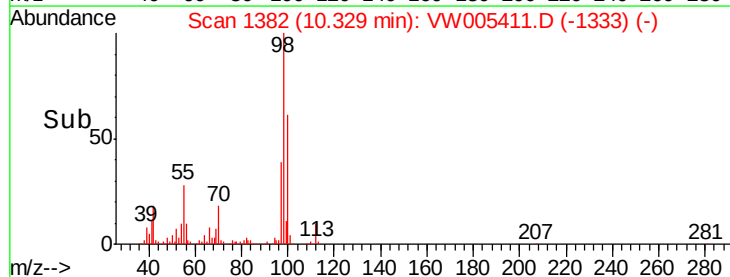
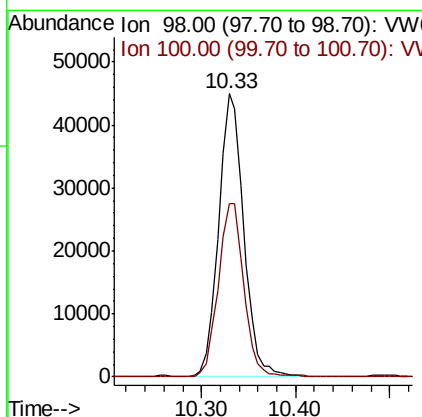
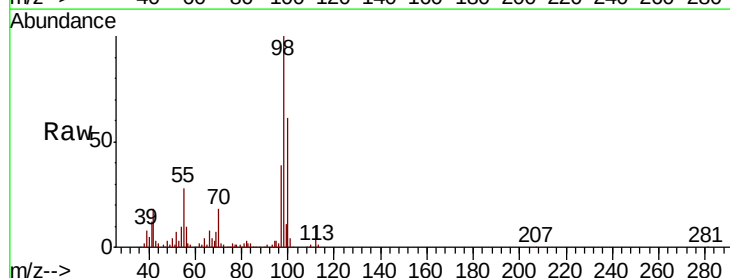
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-3

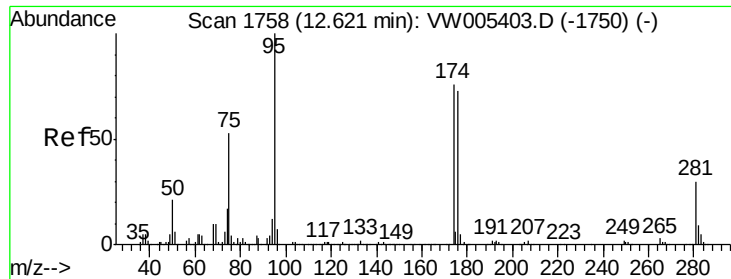
Tot Ion: 83 Resp: 27850
Ion Ratio Lower Upper
83 100
55 86.2 66.1 99.1
98 45.4 36.7 55.1



#50
Toluene-d8
Concen: 42.24 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

Tgt Ion: 98 Resp: 83310
Ion Ratio Lower Upper
98 100
100 62.1 51.4 77.0

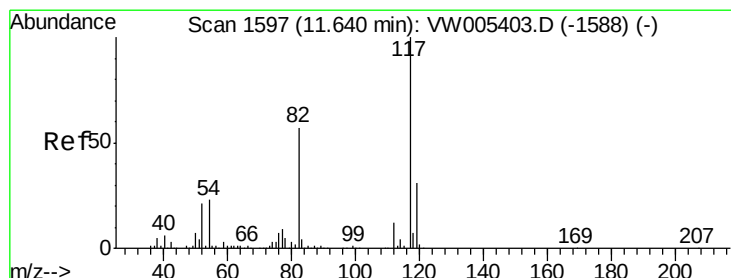
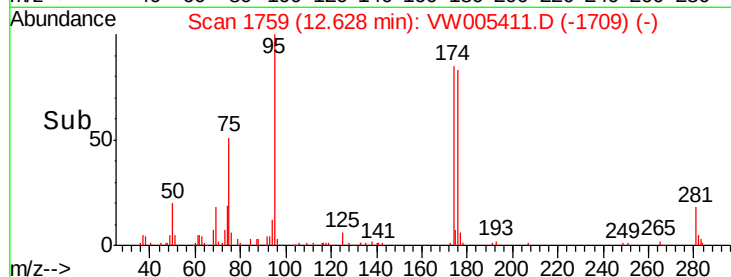
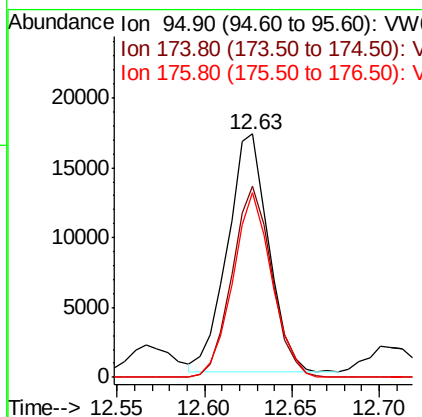
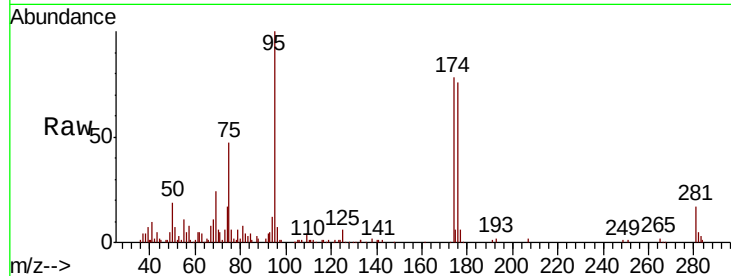




#62
4-Bromofluorobenzene
Concen: 38.32 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

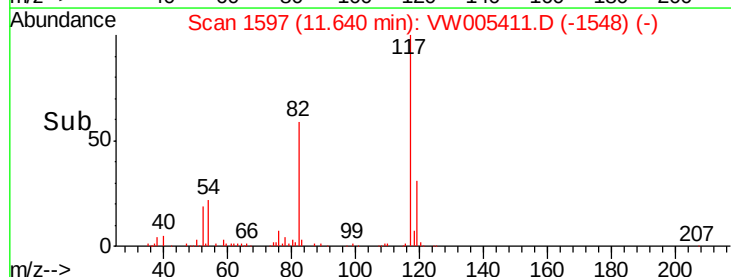
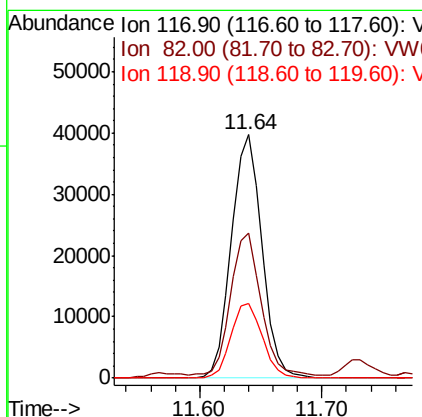
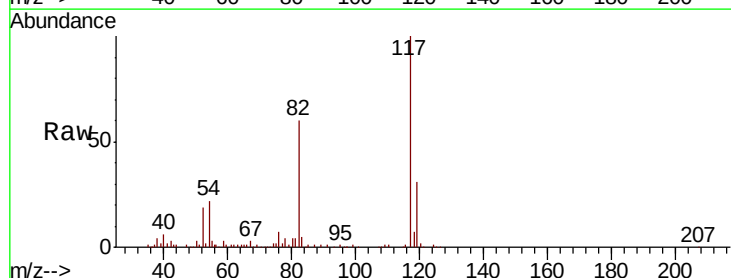
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-3

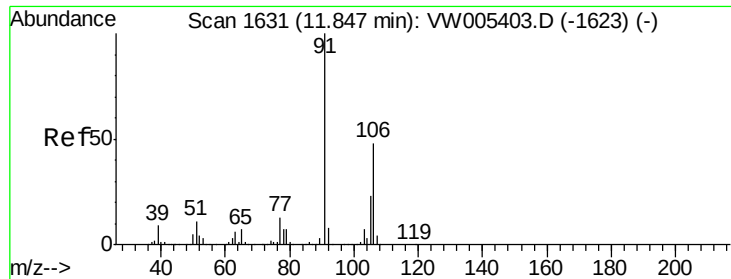
Tot Ion: 95 Resp: 27716
Ion Ratio Lower Upper
95 100
174 77.5 0.0 161.2
176 74.1 0.0 156.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

Tgt Ion: 117 Resp: 68511
Ion Ratio Lower Upper
117 100
82 58.3 45.9 68.9
119 30.6 24.8 37.2

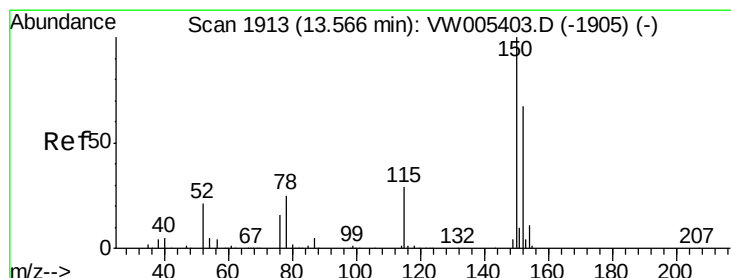
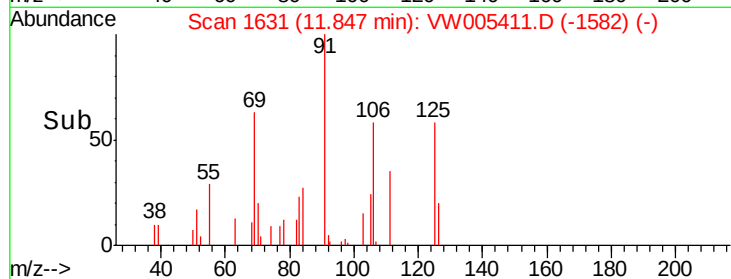
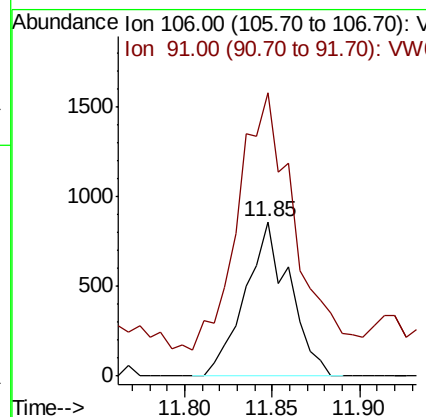
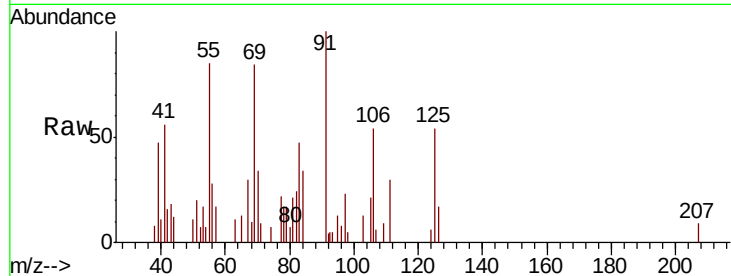




#68
m/p-Xvlenes
Concen: 1.55 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

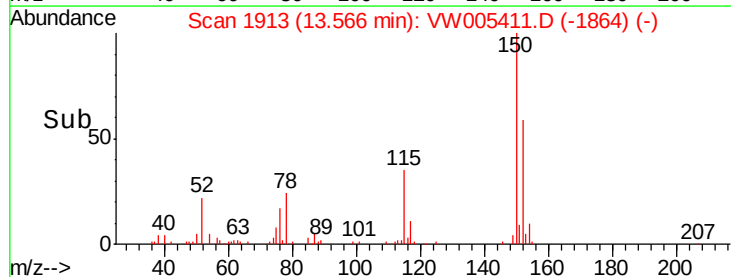
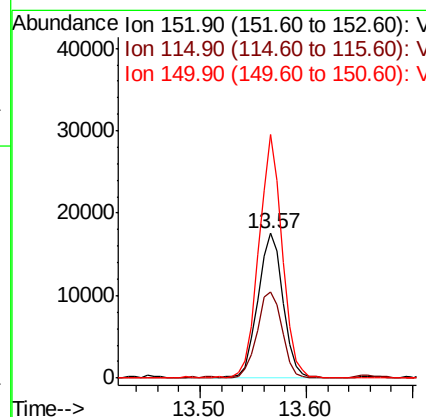
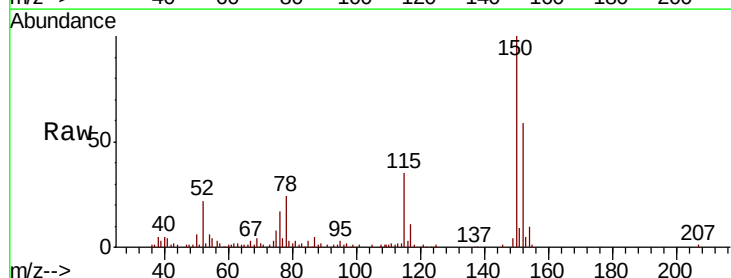
Instrument :
MSVOA_W
ClientSampled :
SP-PIT-3

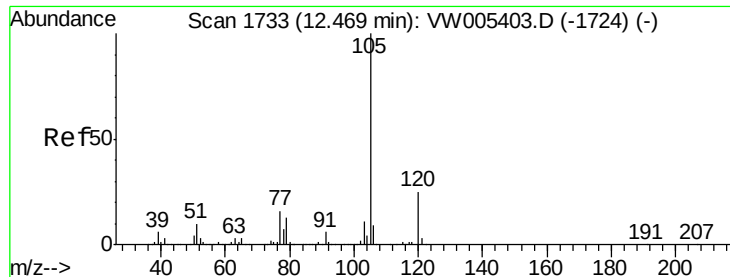
Tot Ion:106 Resp: 1526
Ion Ratio Lower Upper
106 100
91 222.0 167.9 251.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005411.D
Acq: 15 Sep 2018 04:20

Tgt Ion:152 Resp: 29255
Ion Ratio Lower Upper
152 100
115 59.2 29.5 88.5
150 156.1 0.0 345.6





#73

Isopropylbenzene

Concen: 9.18 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005411.D

Acq: 15 Sep 2018 04:20

Instrument :

MSVOA_W

ClientSampleId :

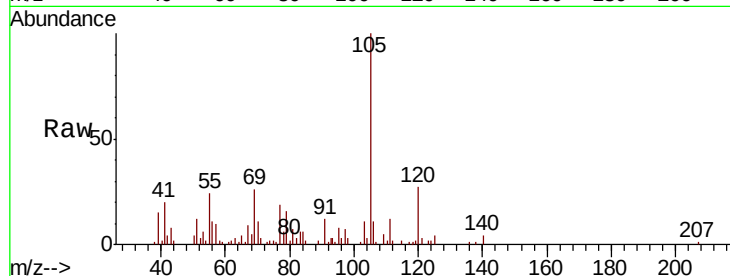
SP-PIT-3

Tot Ion:105 Resp: 18837

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

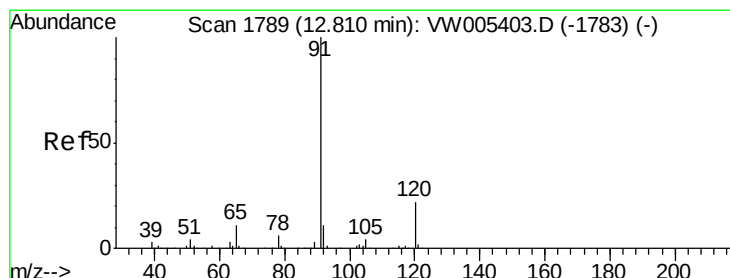
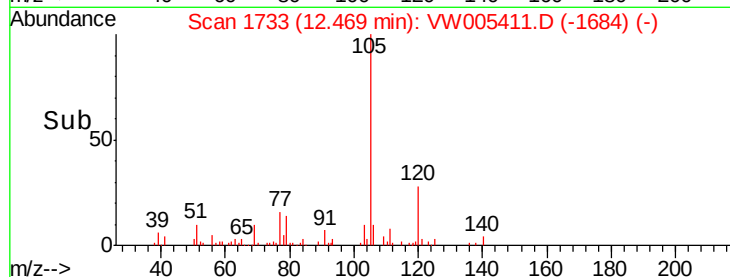
10000

5000

0

Time-->

12.40 12.50



#78

n-propylbenzene

Concen: 7.27 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005411.D

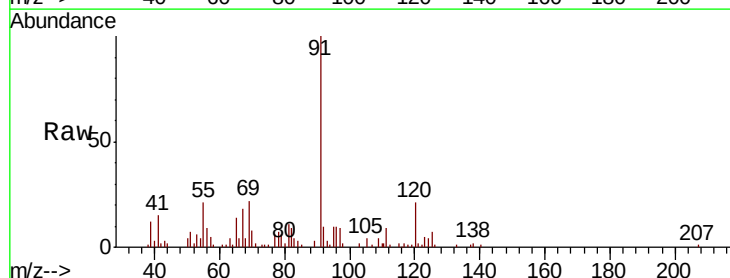
Acq: 15 Sep 2018 04:20

Tgt Ion: 91 Resp: 18018

Ion Ratio Lower Upper

91 100

120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

12.81

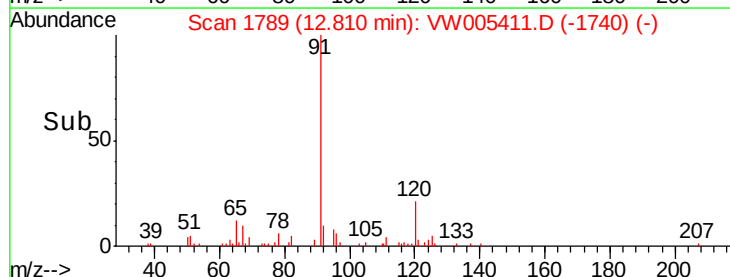
10000

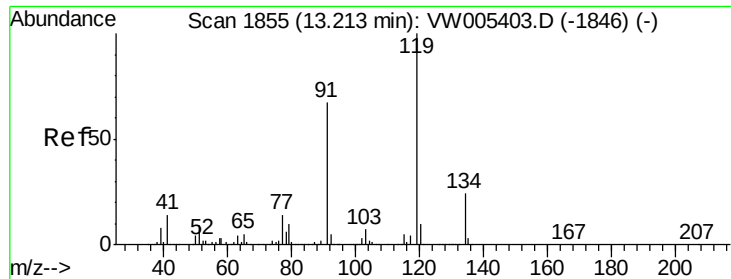
5000

0

Time-->

12.75 12.85





#83

tert-Butylbenzene

Concen: 1.90 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW005411.D

Acq: 15 Sep 2018 04:20

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-3

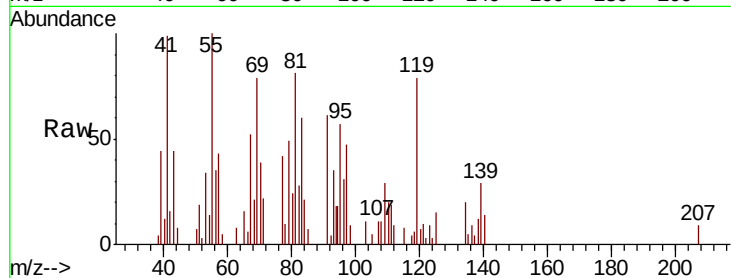
Tot Ion:119 Resp: 2831

Ion Ratio Lower Upper

119 100

91 84.1 34.4 103.2

134 25.2 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

