

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005414.D
 Acq On : 15 Sep 2018 05:36
 Operator : SY/AP
 Sample : J4906-17
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-9

Quant Time: Sep 15 06:25:10 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	41878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	60303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	58077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	19341	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	
35) Dibromofluoromethane	7.90	113	16257	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	10.33	98	75992	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	12.62	95	38590	67.97	ug/l	0.00
Spiked Amount			Recovery	=	135.94%	

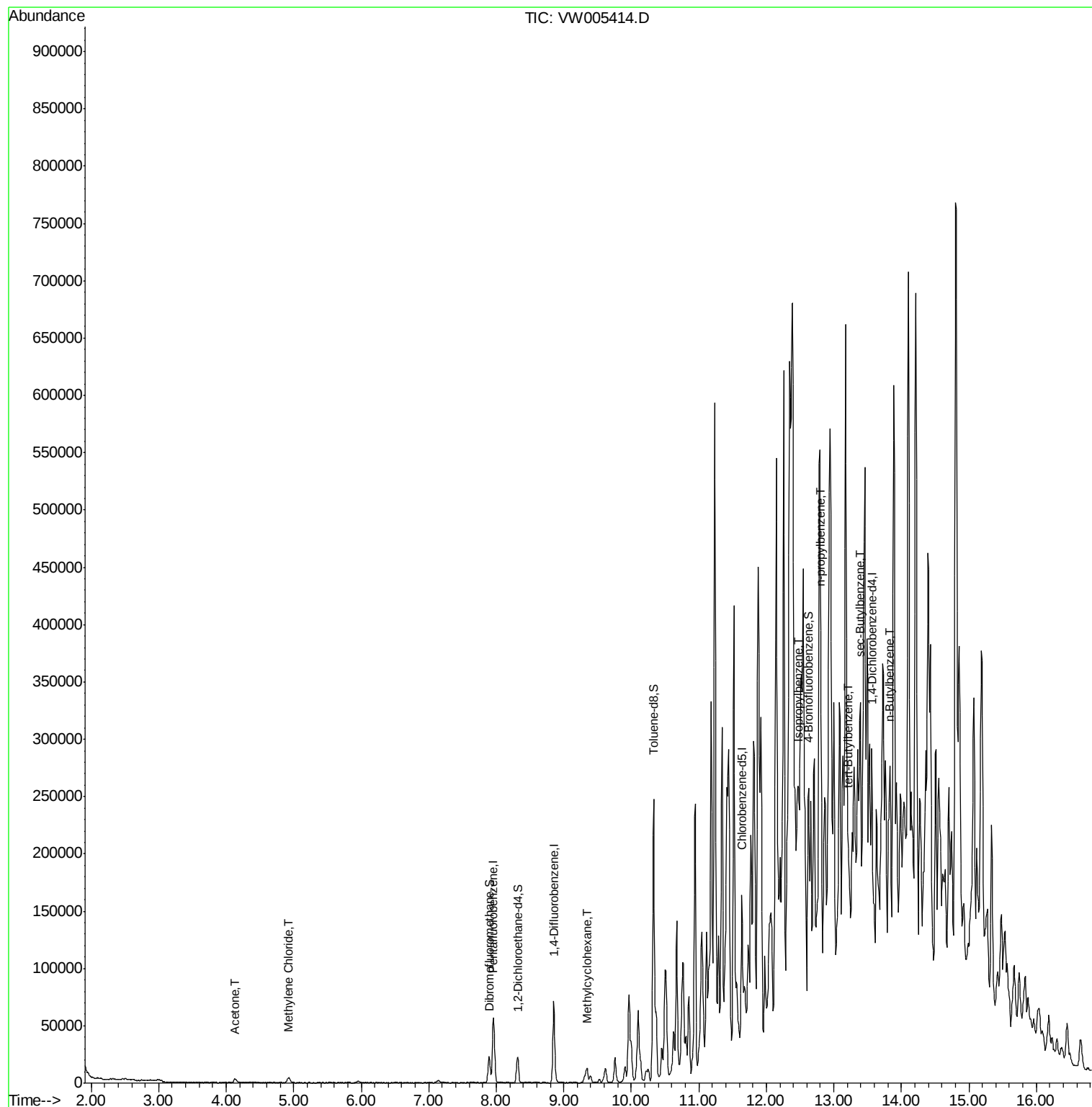
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	6169	86.93	ug/l	91
20) Methylene Chloride	4.93	84	3369	2.34	ug/l	93
39) Methylcyclohexane	9.35	83	4276	6.45	ug/l	96
73) Isopropylbenzene	12.47	105	46979	24.93	ug/l	97
78) n-propylbenzene	12.81	91	105262	46.29	ug/l	100
83) tert-Butylbenzene	13.21	119	13740	10.06	ug/l	83
85) sec-Butylbenzene	13.39	105	74469	37.74	ug/l #	74
89) n-Butylbenzene	13.83	91	80785	49.17	ug/l #	84

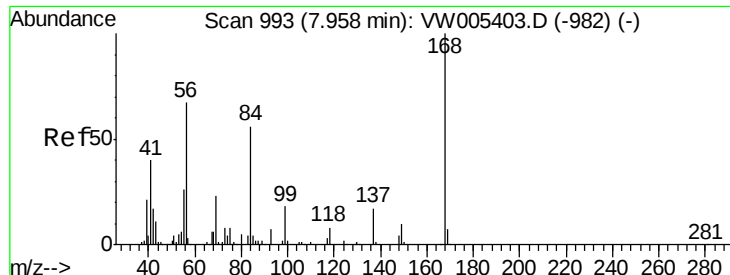
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 15 02:32:34 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

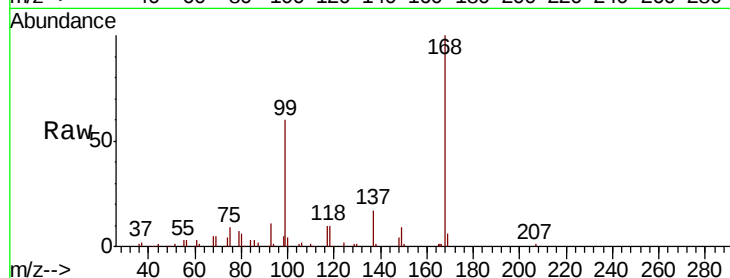
SP-PIT-9

Tot Ion:168 Resp: 41878

Ion Ratio Lower Upper

168 100

99 59.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

20000

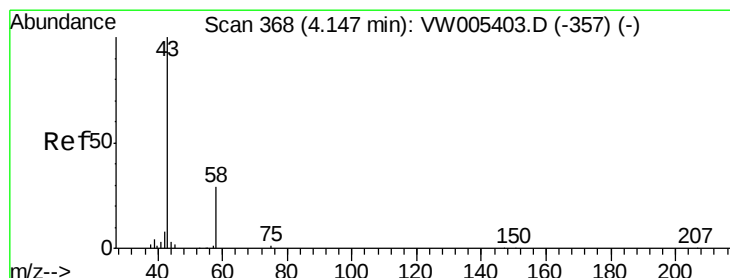
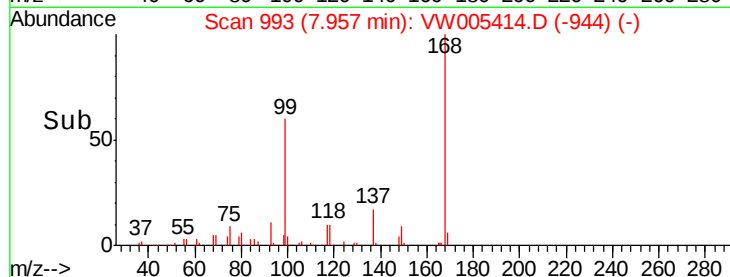
15000

10000

5000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 86.93 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW005414.D

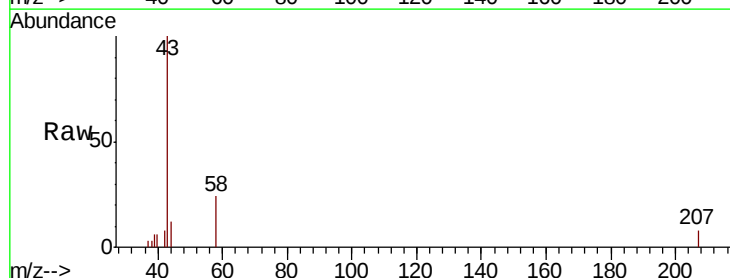
Acq: 15 Sep 2018 05:36

Tgt Ion: 43 Resp: 6169

Ion Ratio Lower Upper

43 100

58 23.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

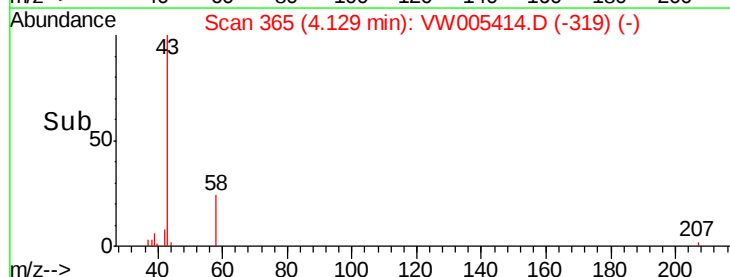
1500

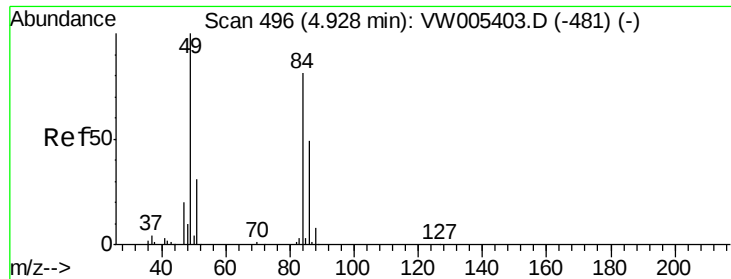
1000

500

0

Time--> 4.00 4.10 4.20

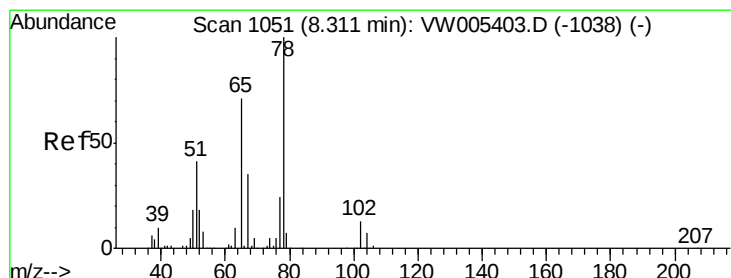
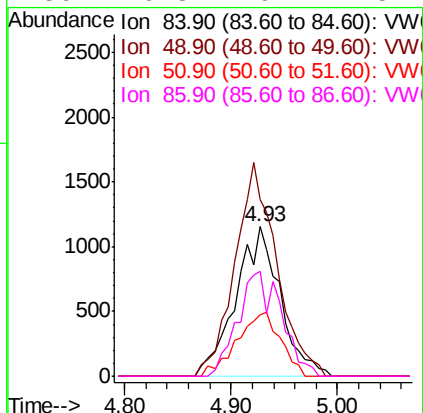
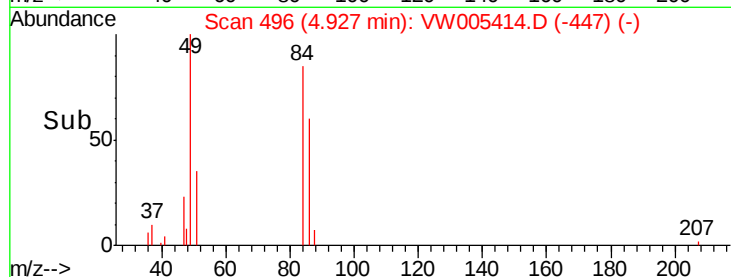
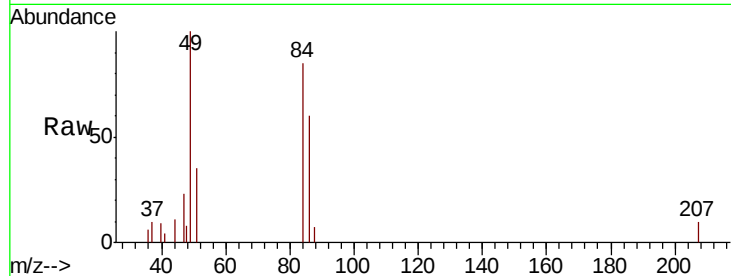




#20
Methvlene Chloride
Concen: 2.34 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

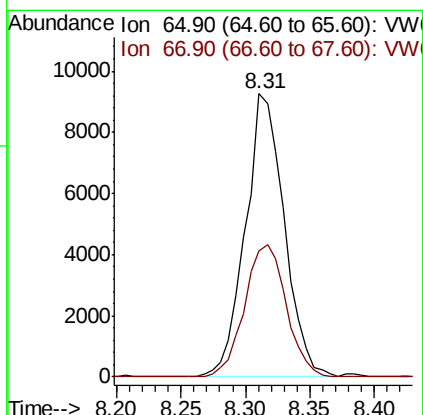
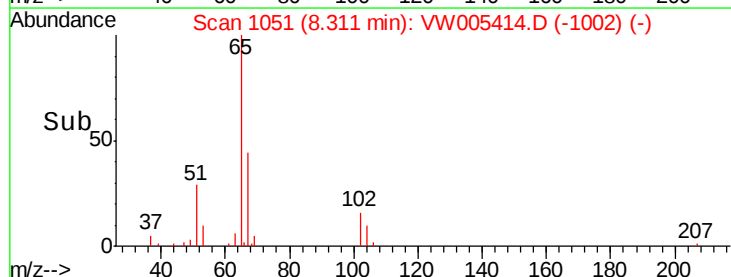
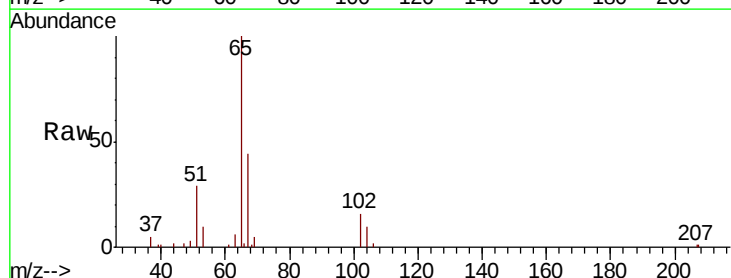
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

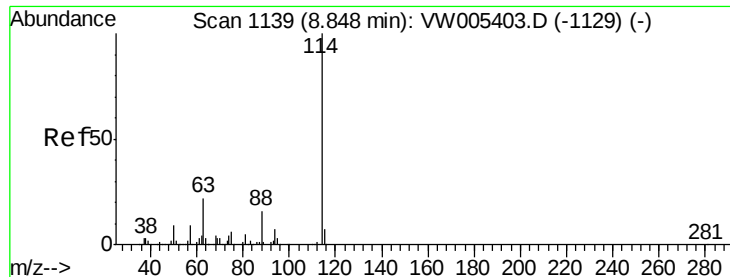
Tot Ion: 84 Resp: 3369
Ion Ratio Lower Upper
84 100
49 118.0 99.3 148.9
51 41.1 31.1 46.7
86 70.3 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 44.49 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 65 Resp: 19341
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.6

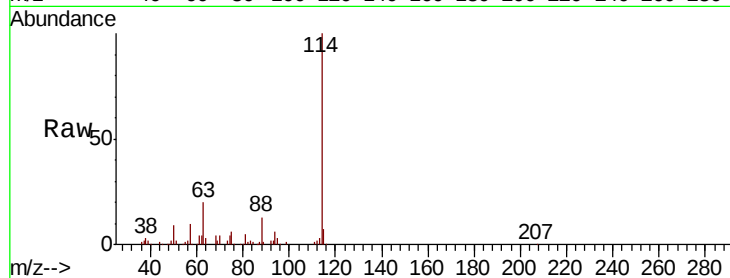




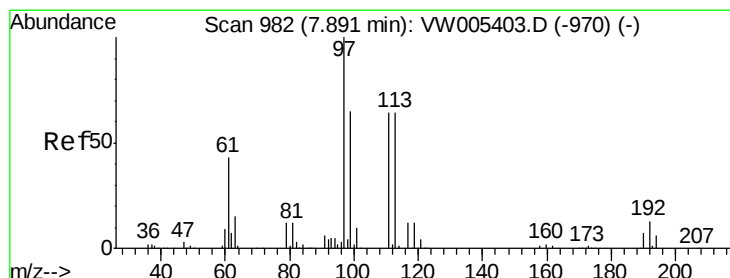
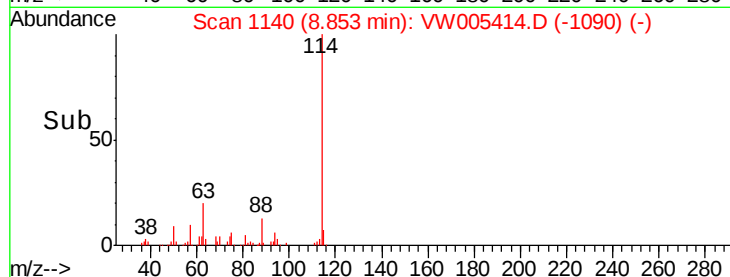
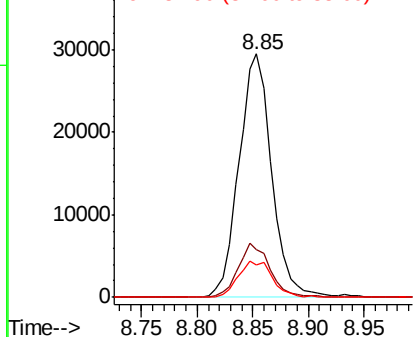
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-9

Tot Ion:114 Resp: 60303
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.4
 88 13.4 0.0 31.8

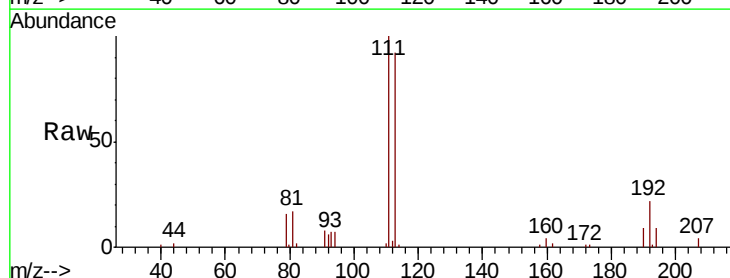


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

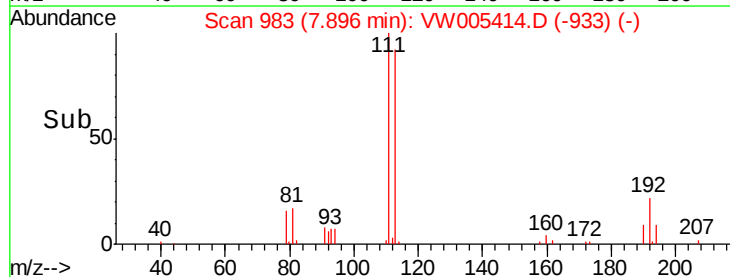
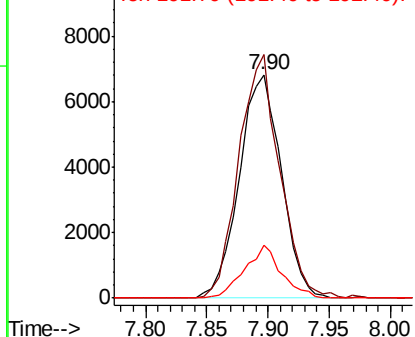


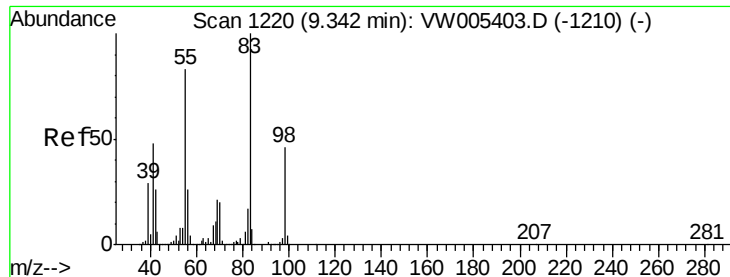
#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Tgt Ion:113 Resp: 16257
 Ion Ratio Lower Upper
 113 100
 111 105.9 82.3 123.5
 192 20.8 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

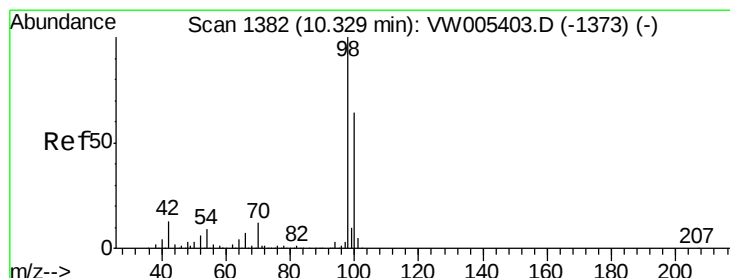
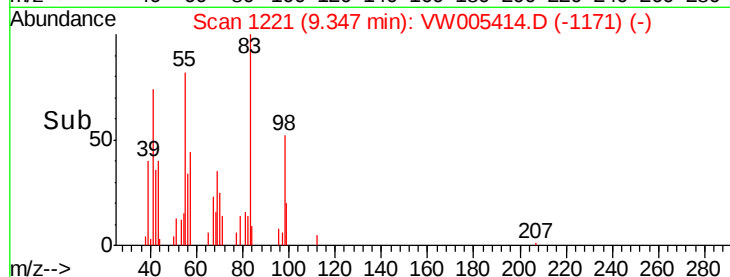
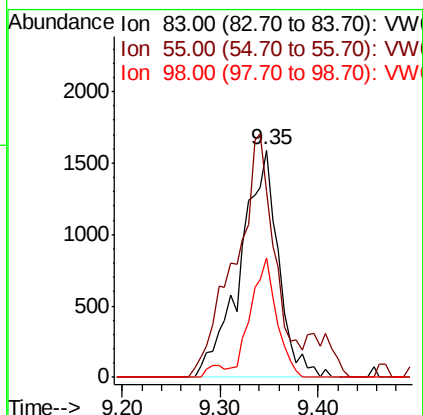
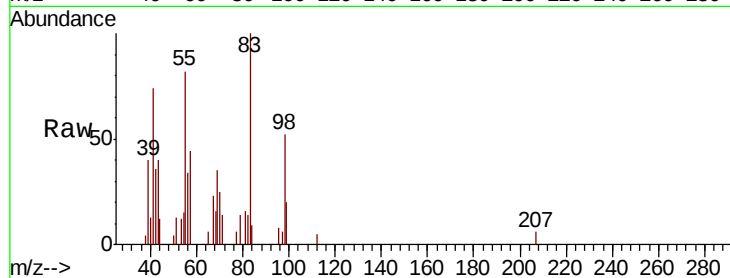




#39
Methylcyclohexane
Concen: 6.45 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

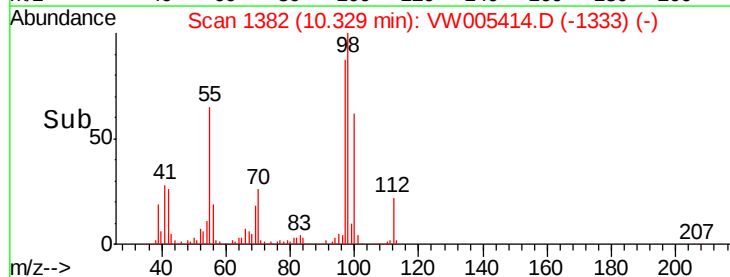
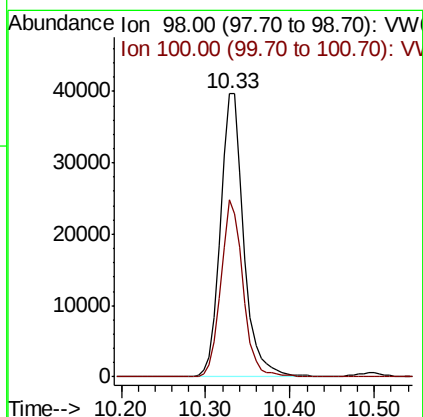
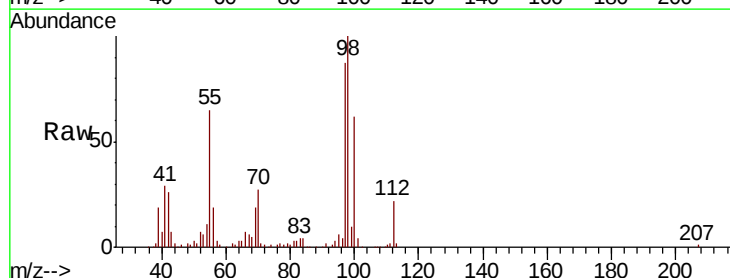
Instrument :
MSVOA_W
ClientSampleId :
SP-PIT-9

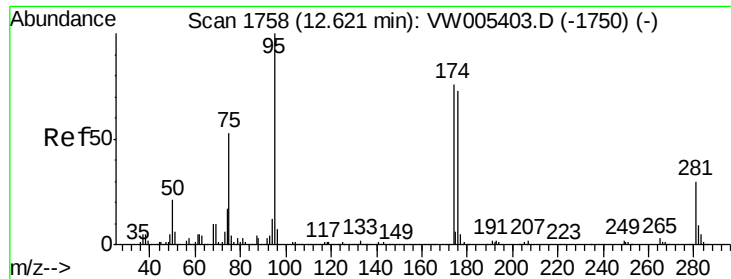
Tot Ion: 83 Resp: 4276
Ion Ratio Lower Upper
83 100
55 82.1 66.1 99.1
98 52.3 36.7 55.1



#50
Toluene-d8
Concen: 49.08 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005414.D
Acq: 15 Sep 2018 05:36

Tgt Ion: 98 Resp: 75992
Ion Ratio Lower Upper
98 100
100 59.2 51.4 77.0

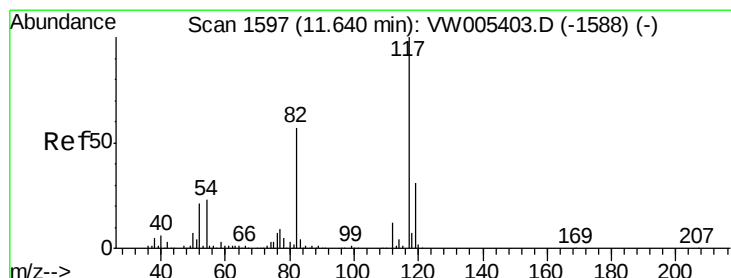
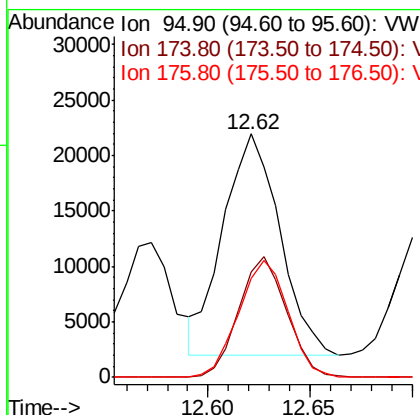
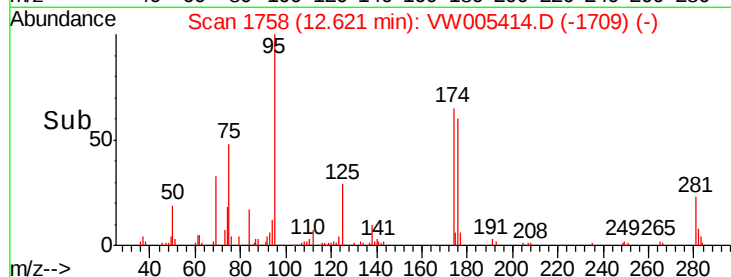
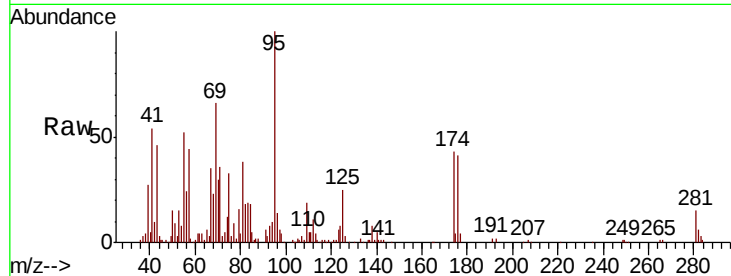




#62
 4-Bromofluorobenzene
 Concen: 67.97 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

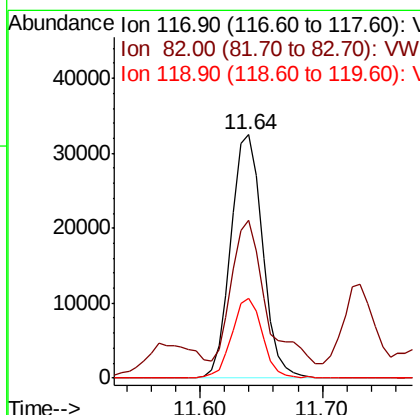
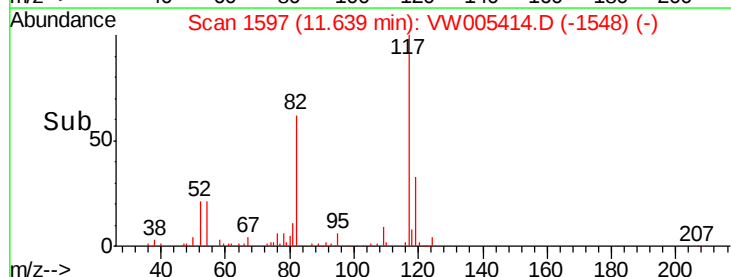
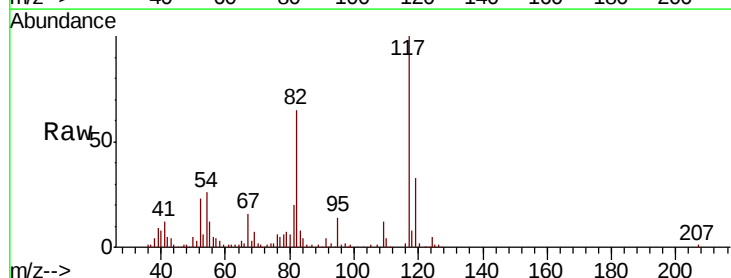
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-PIT-9

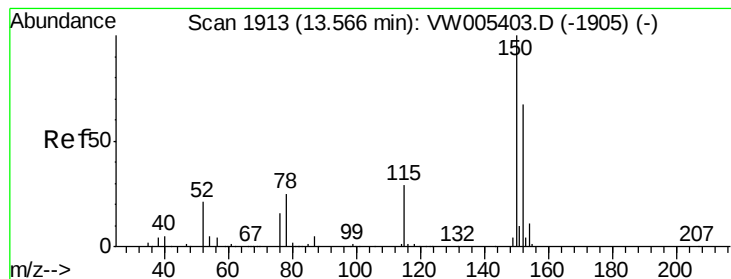
Tot Ion: 95 Resp: 38590
 Ion Ratio Lower Upper
 95 100
 174 46.1 0.0 161.2
 176 45.8 0.0 156.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.64 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: VW005414.D
 Acq: 15 Sep 2018 05:36

Tgt Ion: 117 Resp: 58077
 Ion Ratio Lower Upper
 117 100
 82 53.5 45.9 68.9
 119 32.5 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: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

SP-PIT-9

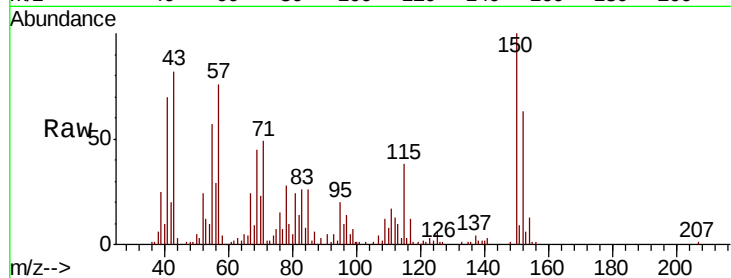
Tot Ion:152 Resp: 26857

Ion Ratio Lower Upper

152 100

115 53.0 29.5 88.5

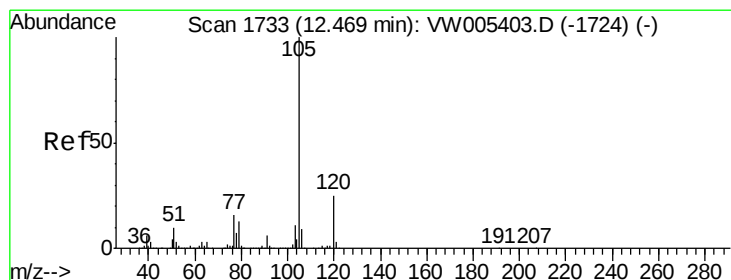
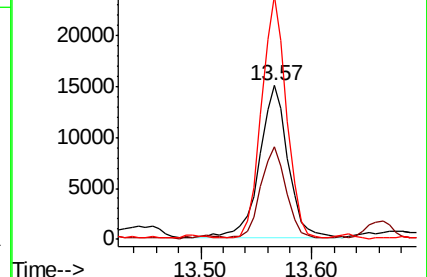
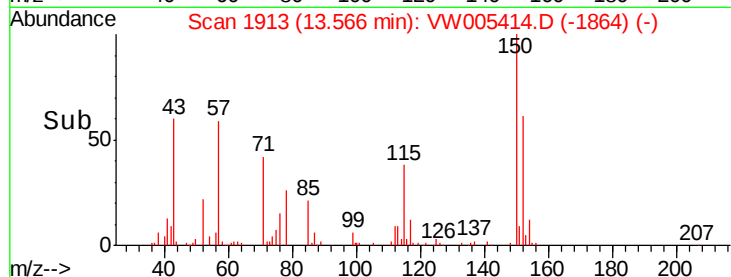
150 137.4 0.0 345.6



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: 24.93 ug/l

RT: 12.47 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW005414.D

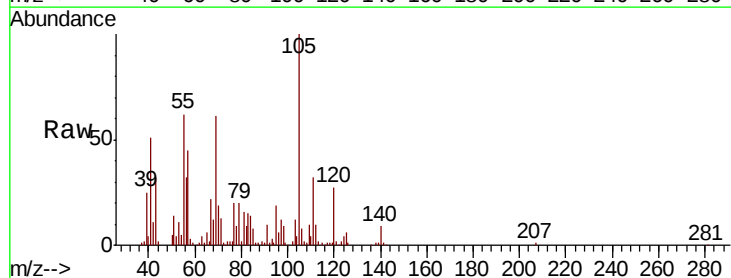
Acq: 15 Sep 2018 05:36

Tgt Ion:105 Resp: 46979

Ion Ratio Lower Upper

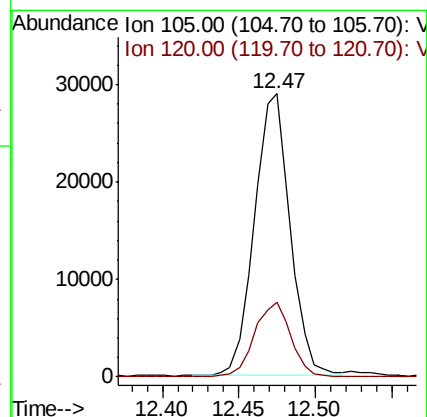
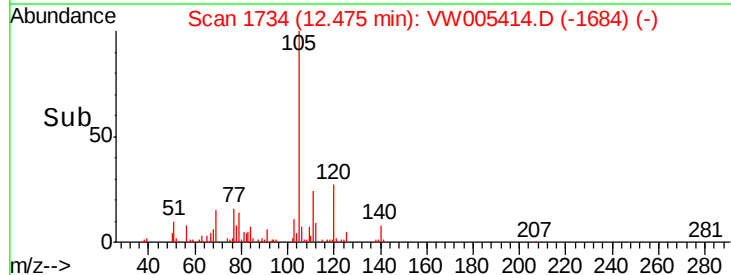
105 100

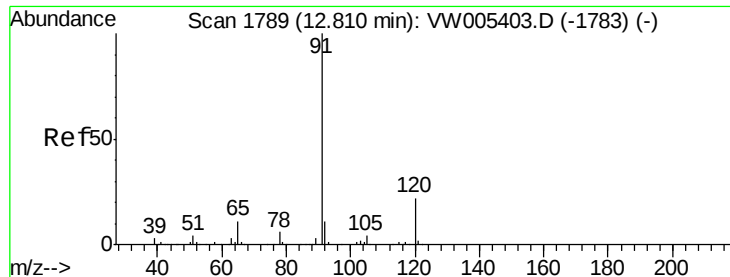
120 27.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 46.29 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampleId :

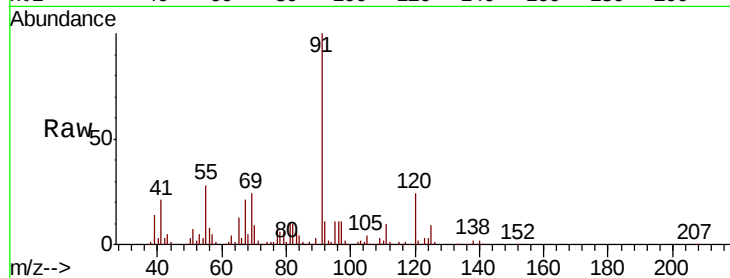
SP-PIT-9

Tot Ion: 91 Resp: 105262

Ion Ratio Lower Upper

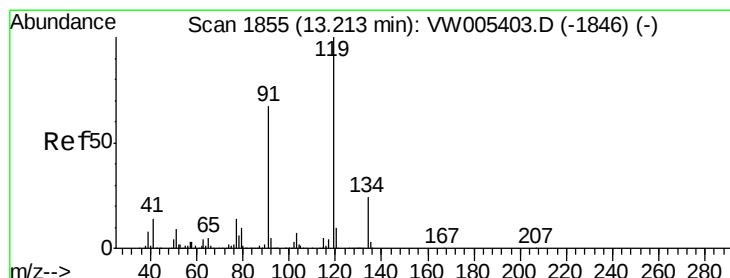
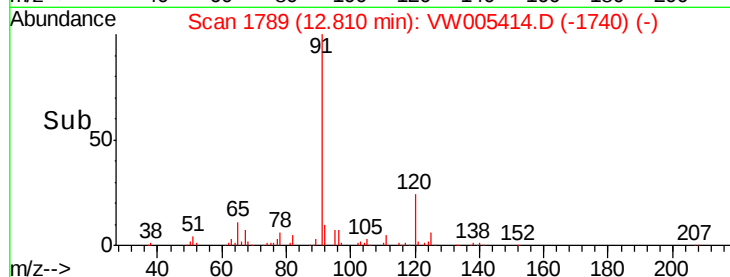
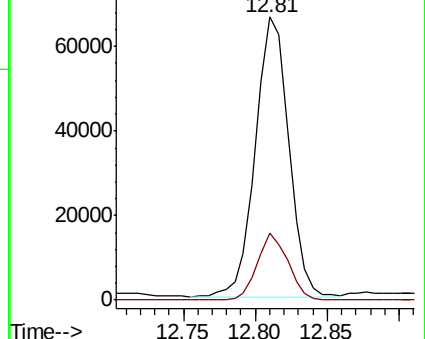
91 100

120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 10.06 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

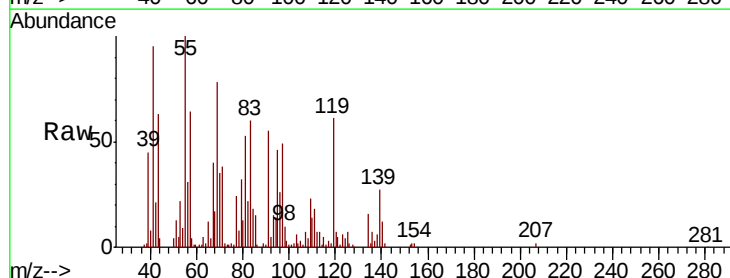
Tgt Ion: 119 Resp: 13740

Ion Ratio Lower Upper

119 100

91 87.4 34.4 103.2

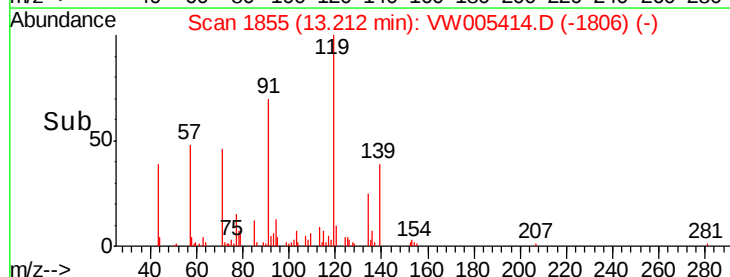
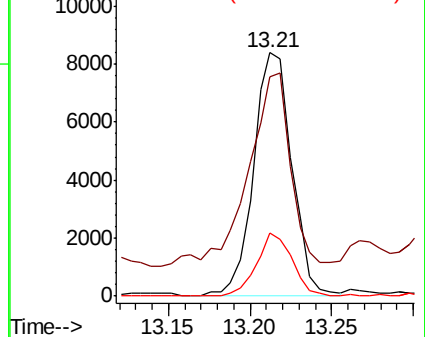
134 23.8 12.7 38.0

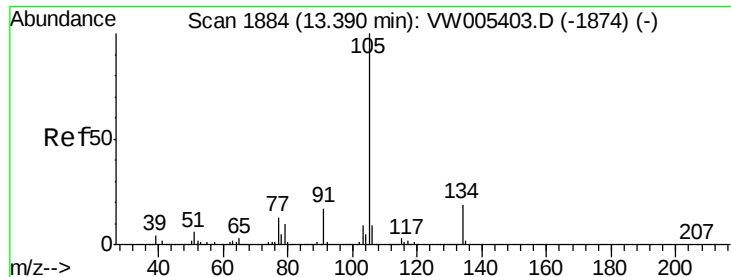


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 37.74 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

Instrument :

MSVOA_W

ClientSampled :

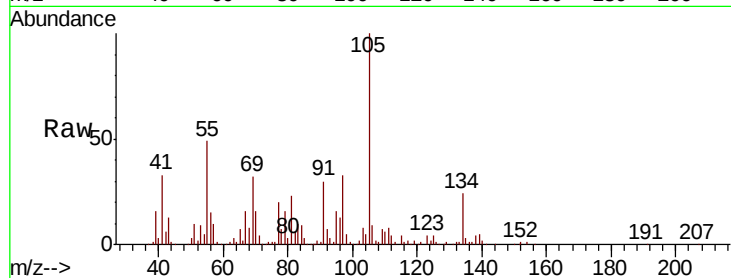
SP-PIT-9

Tot Ion:105 Resp: 74469

Ion Ratio Lower Upper

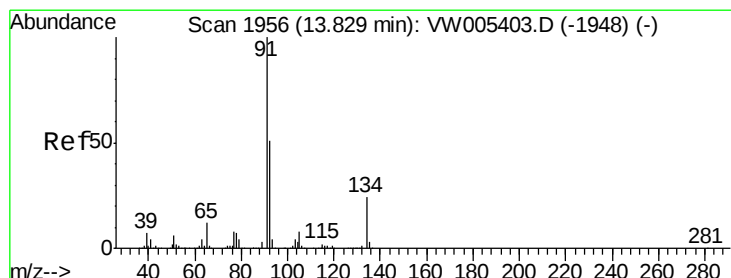
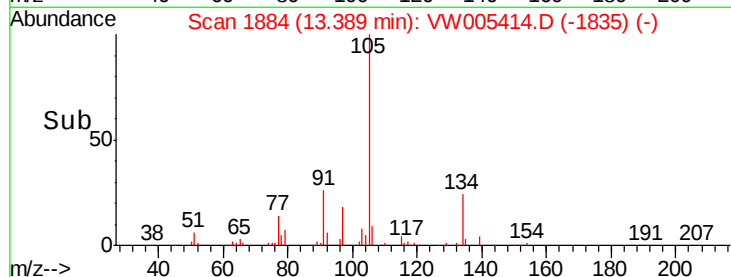
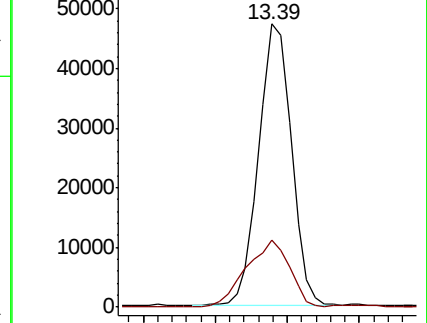
105 100

134 31.5 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 49.17 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005414.D

Acq: 15 Sep 2018 05:36

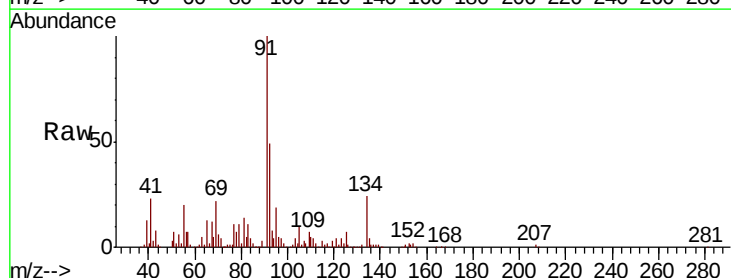
Tgt Ion: 91 Resp: 80785

Ion Ratio Lower Upper

91 100

92 46.8 26.2 78.6

134 41.2 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

