

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014555.D
 Acq On : 08 Jan 2020 12:42
 Operator : SY/VA
 Sample : K6476-04
 Misc : 7.17G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB454_191227-24-26

Quant Time: Jan 08 13:25:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

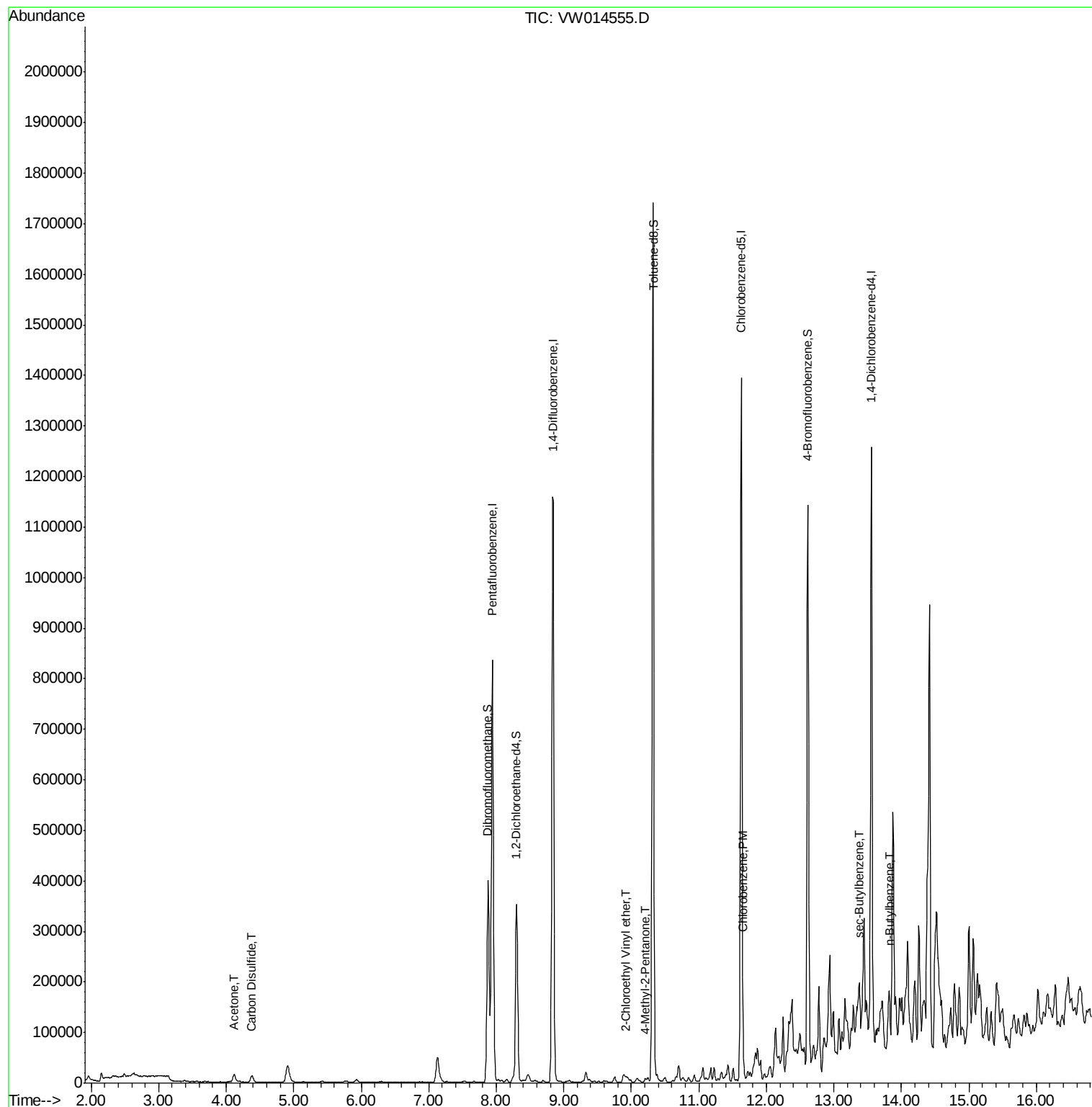
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	677038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1044337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	827235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	333525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	275868	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	295819	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	10.32	98	1193263	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.62	95	348973	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
Target Compounds						
16) Acetone	4.12	43	29501	17.650	ug/l	97
17) Carbon Disulfide	4.37	76	23739	1.169	ug/l	99
51) 4-Methyl-2-Pentanone	10.20	43	6374	1.480	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.92	63	5310	2.666	ug/l	95
65) Chlorobenzene	11.66	112	20586	1.215	ug/l #	86
85) sec-Butylbenzene	13.38	105	49450	1.986	ug/l #	55
89) n-Butylbenzene	13.82	91	57356	2.721	ug/l	92

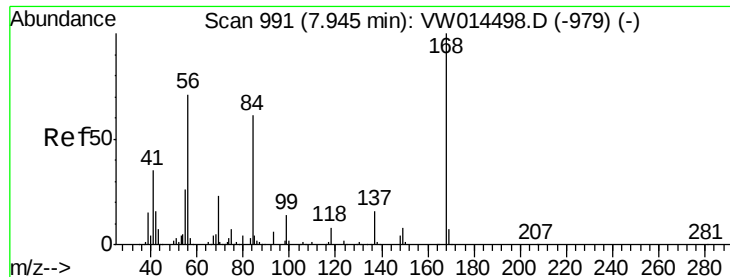
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014555.D

Acq: 08 Jan 2020 12:42

Instrument :

MSVOA_W

ClientSampleId :

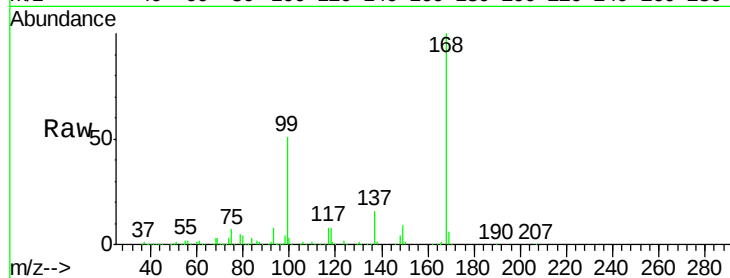
WP022SB454_191227-24-26

Tgt Ion:168 Resp: 677038

Ion Ratio Lower Upper

168 100

99 51.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

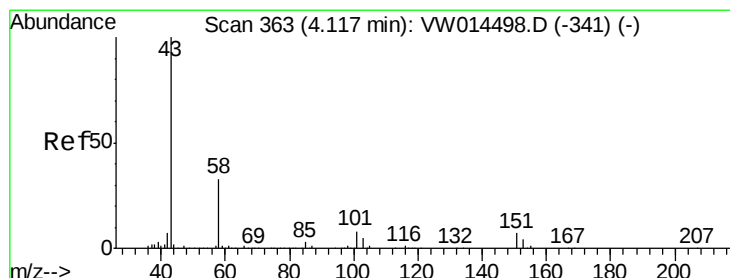
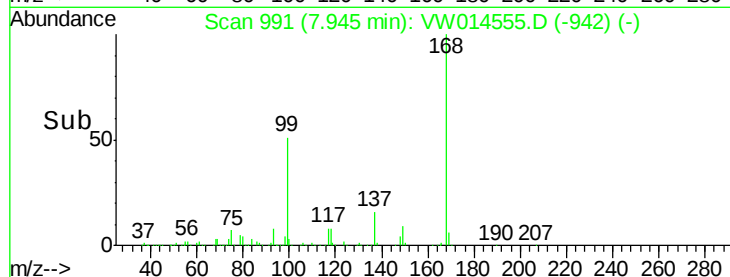
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 17.650 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014555.D

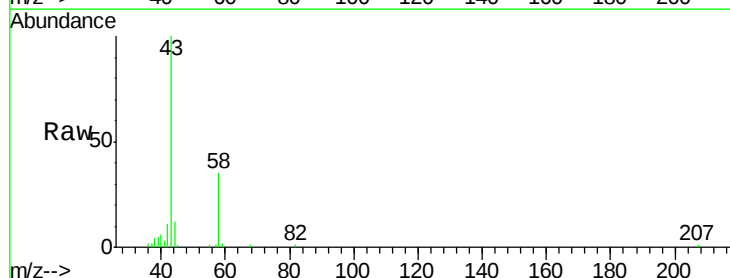
Acq: 08 Jan 2020 12:42

Tgt Ion: 43 Resp: 29501

Ion Ratio Lower Upper

43 100

58 34.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

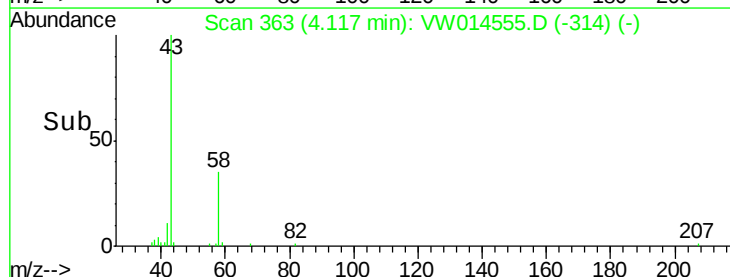
6000

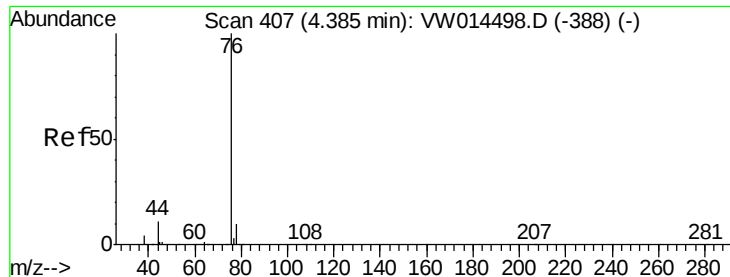
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 1.169 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014555.D

Acq: 08 Jan 2020 12:42

Instrument :

MSVOA_W

ClientSampleId :

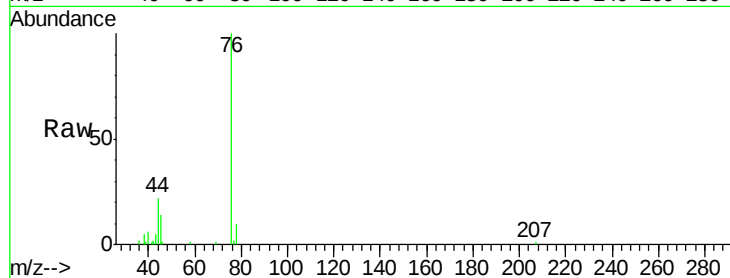
WP022SB454_191227-24-26

Tgt Ion: 76 Resp: 23739

Ion Ratio Lower Upper

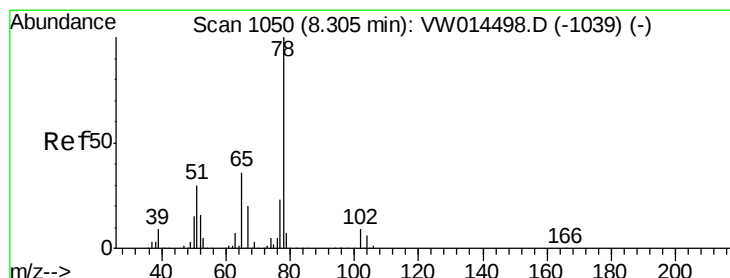
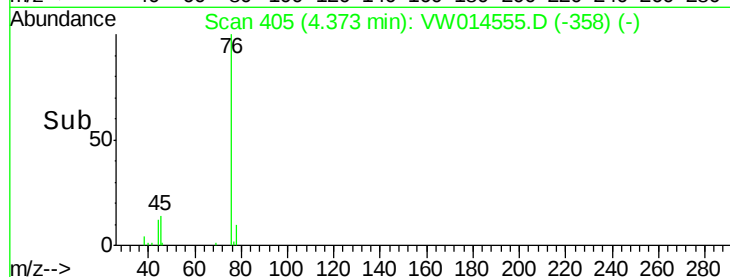
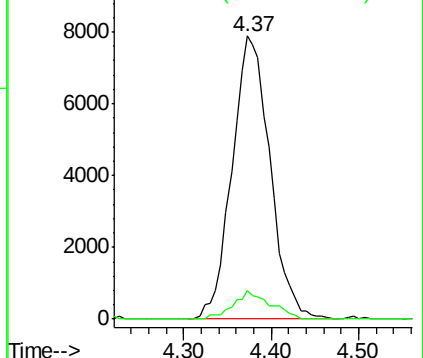
76 100

78 10.1 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 46.604 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014555.D

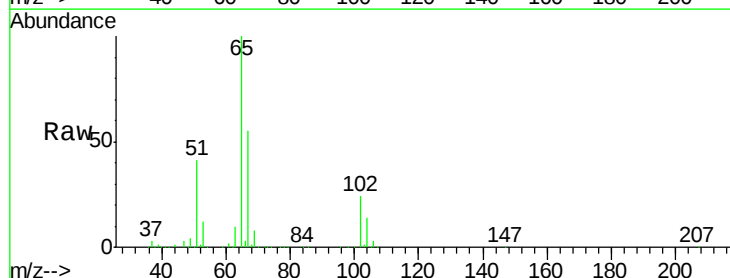
Acq: 08 Jan 2020 12:42

Tgt Ion: 65 Resp: 275868

Ion Ratio Lower Upper

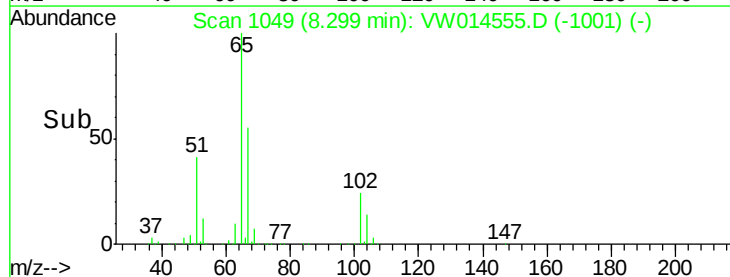
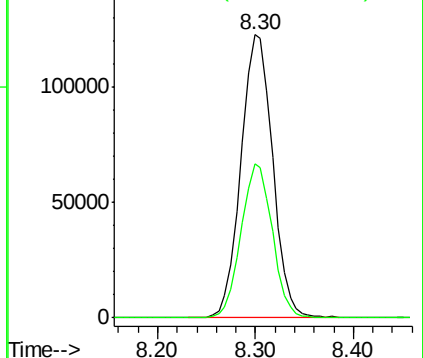
65 100

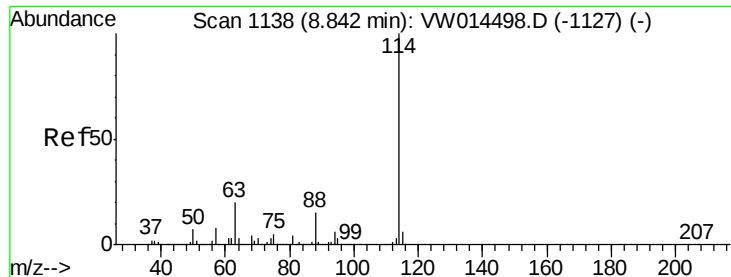
67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

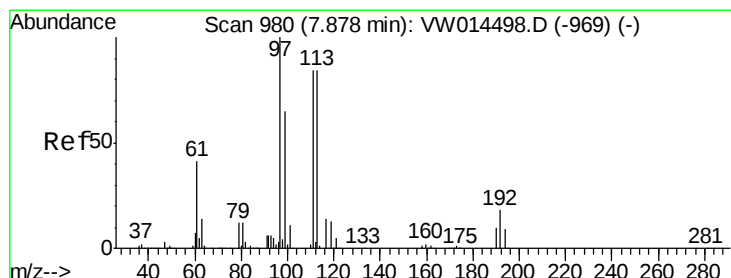
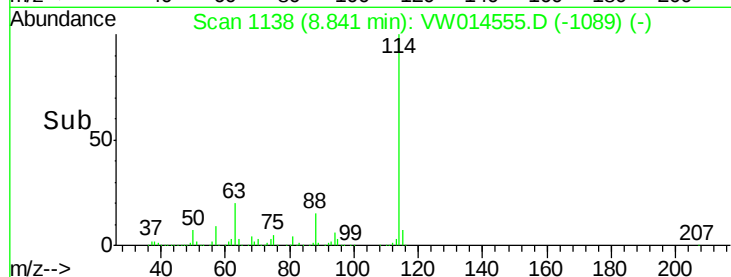
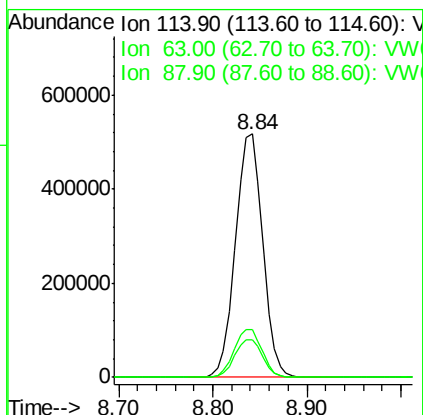
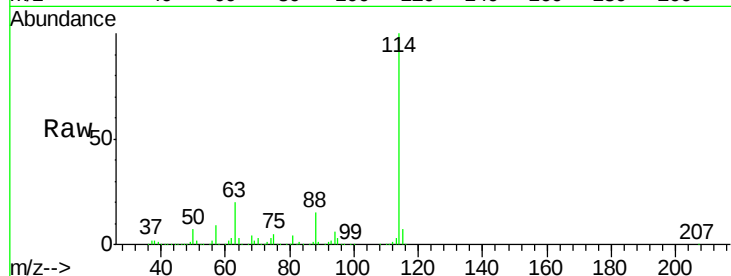




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014555.D
 Acq: 08 Jan 2020 12:42

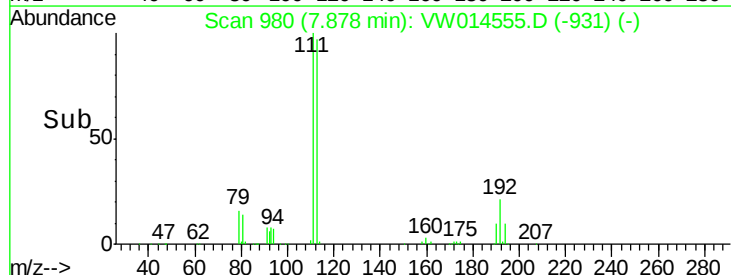
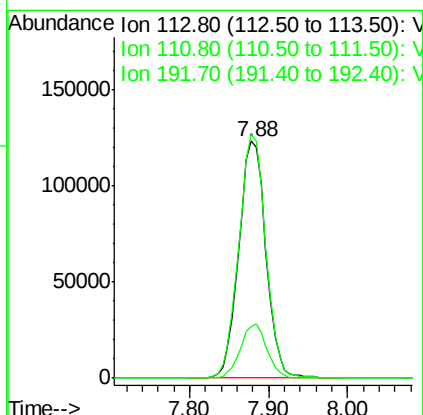
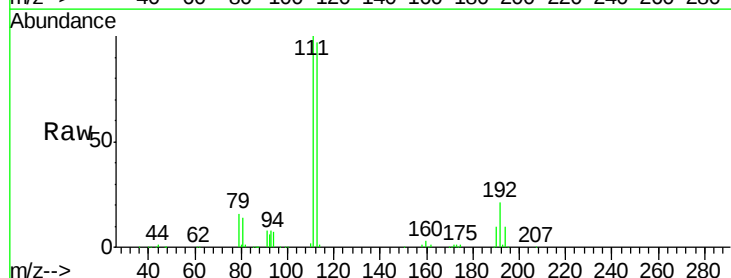
Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB454_191227-24-26

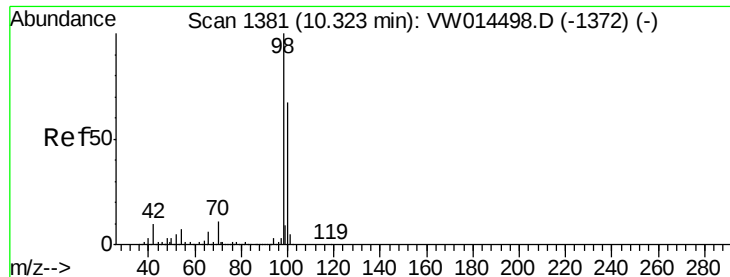
Tgt Ion:114 Resp: 1044337
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.4
 88 15.2 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 49.563 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014555.D
 Acq: 08 Jan 2020 12:42

Tgt Ion:113 Resp: 295819
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.2
 192 22.2 17.8 26.8





#50

Toluene-d8

Concen: 47.906 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014555.D

Acq: 08 Jan 2020 12:42

Instrument :

MSVOA_W

ClientSampleId :

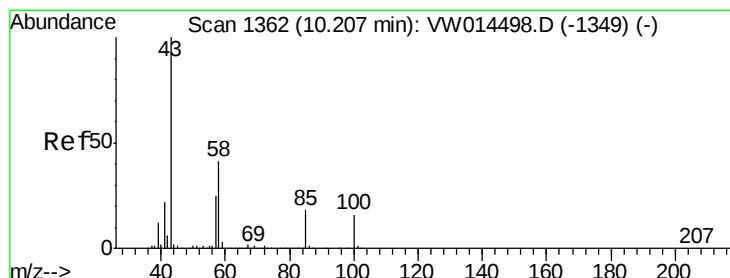
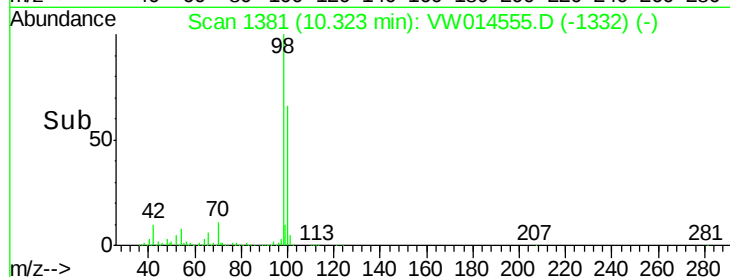
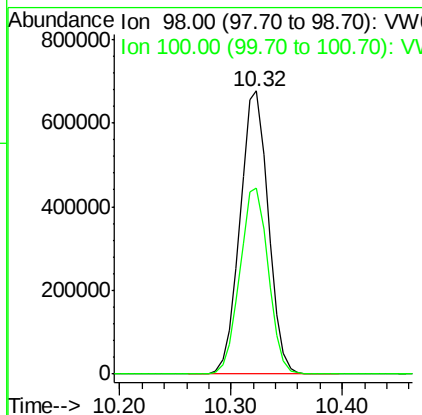
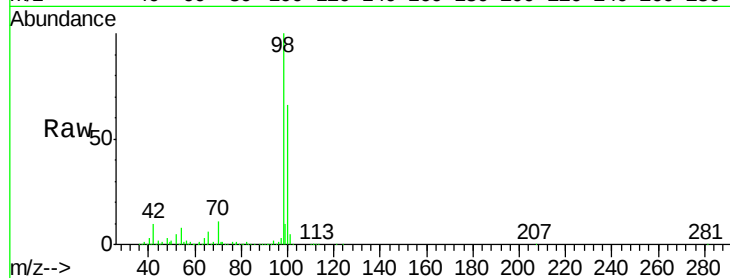
WP022SB454_191227-24-26

Tgt Ion: 98 Resp: 1193263

Ion Ratio Lower Upper

98 100

100 66.3 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 1.480 ug/l

RT: 10.20 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VW014555.D

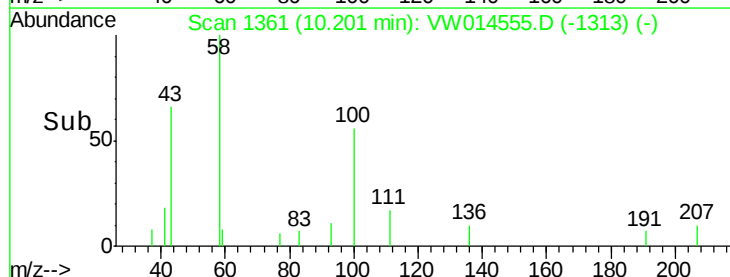
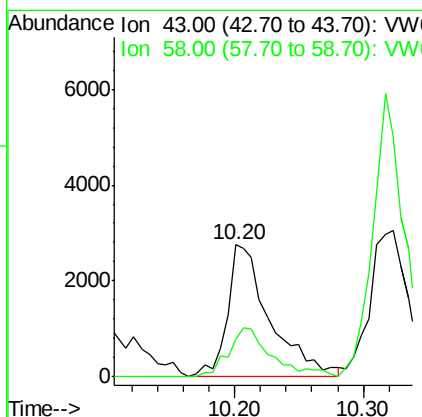
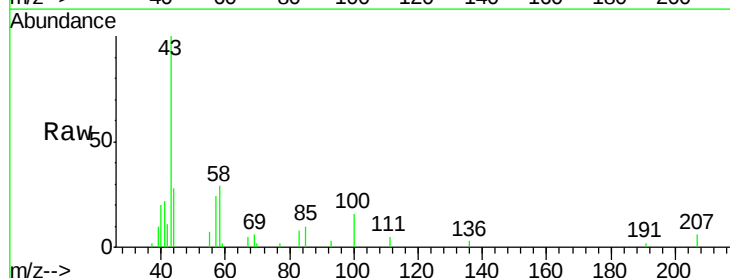
Acq: 08 Jan 2020 12:42

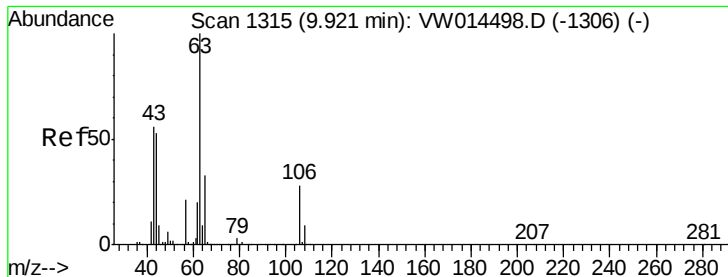
Tgt Ion: 43 Resp: 6374

Ion Ratio Lower Upper

43 100

58 37.9 32.7 49.1

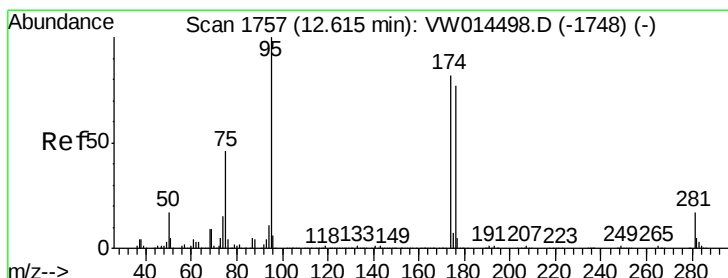
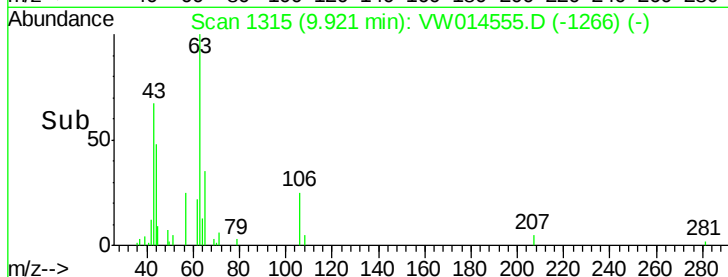
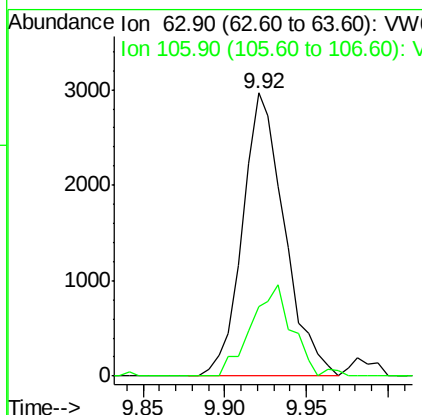
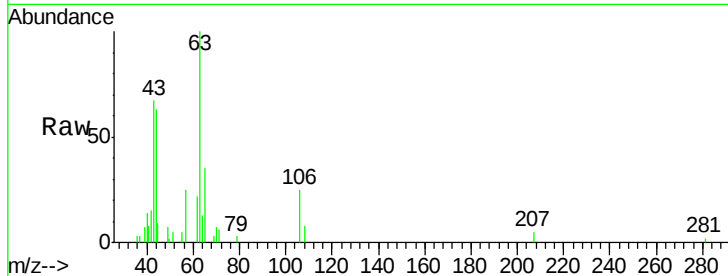




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.666 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014555.D
 Acq: 08 Jan 2020 12:42

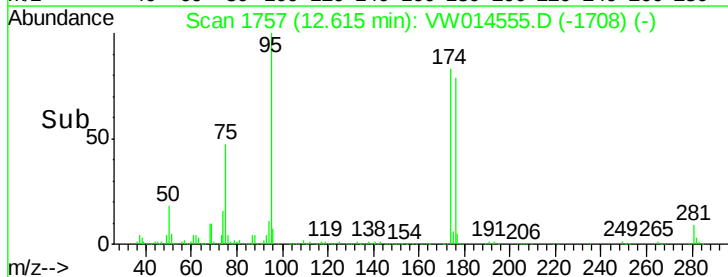
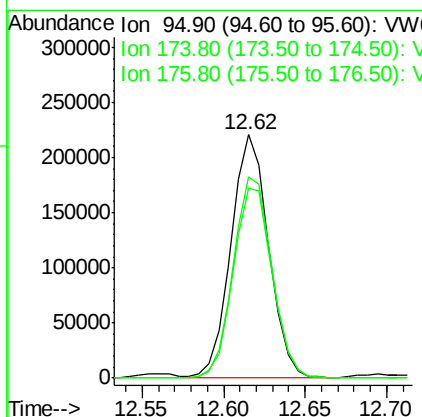
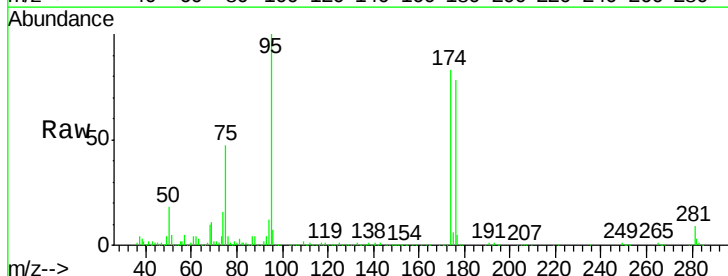
Instrument :
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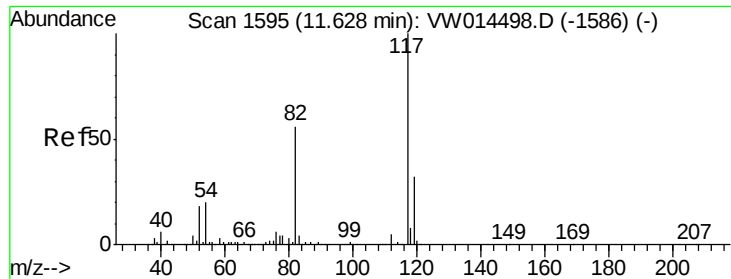
Tgt Ion: 63 Resp: 5310
 Ion Ratio Lower Upper
 63 100
 106 31.7 23.0 34.6



#62
 4-Bromofluorobenzene
 Concen: 41.305 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014555.D
 Acq: 08 Jan 2020 12:42

Tgt Ion: 95 Resp: 348973
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 168.6
 176 82.5 0.0 162.0

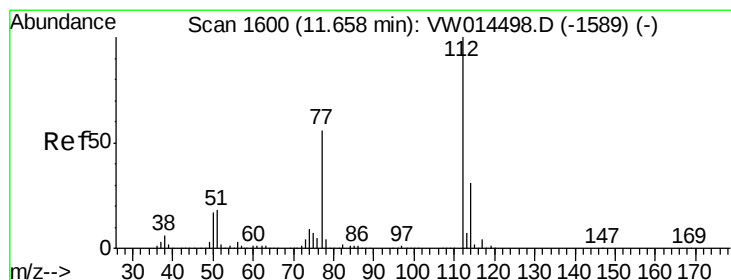
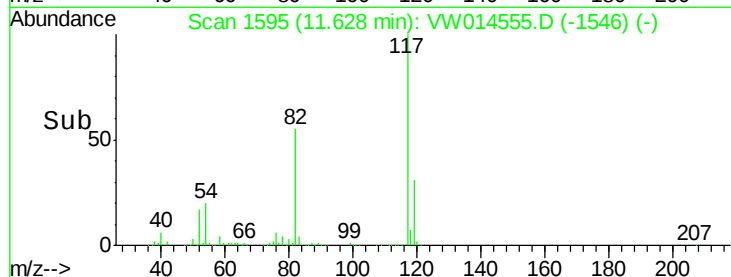
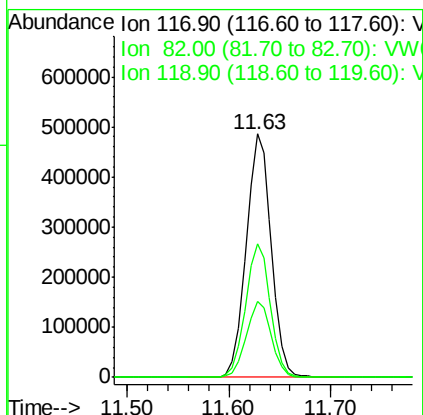
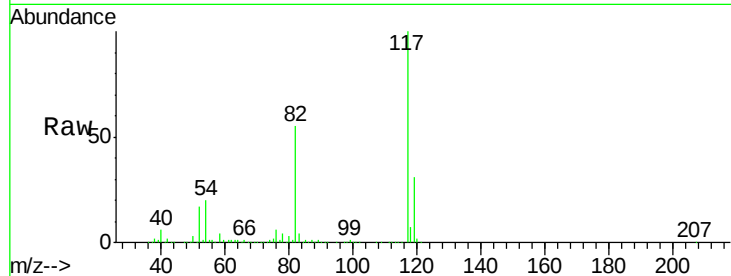




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014555.D
Acq: 08 Jan 2020 12:42

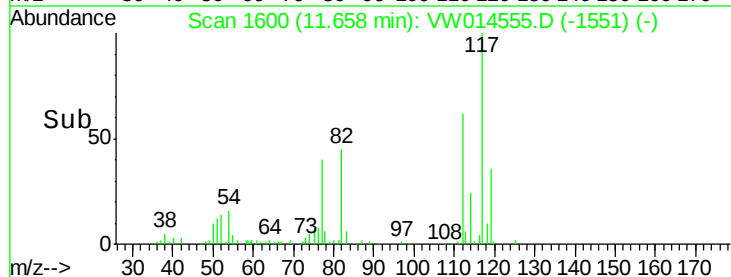
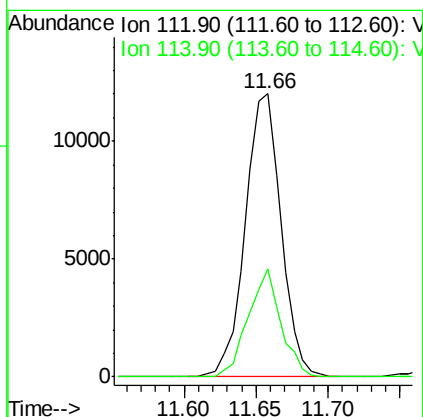
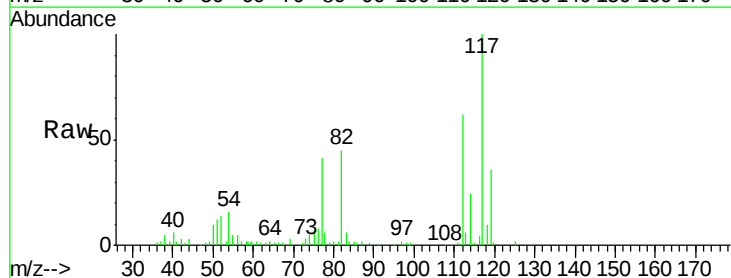
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MSVOA_W
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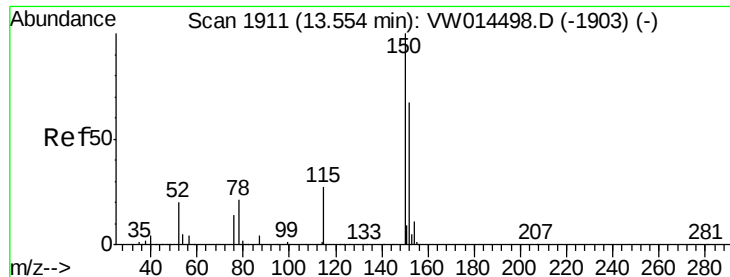
Tgt Ion:117 Resp: 827235
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.3 25.7 38.5



#65
Chlorobenzene
Concen: 1.215 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW014555.D
Acq: 08 Jan 2020 12:42

Tgt Ion:112 Resp: 20586
Ion Ratio Lower Upper
112 100
114 38.3 24.6 37.0#



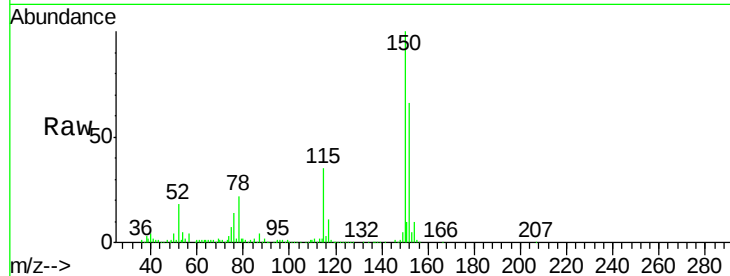


#72

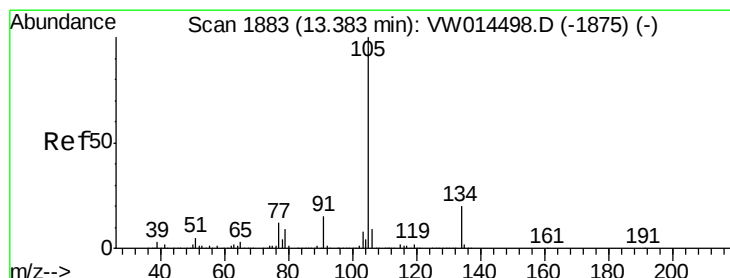
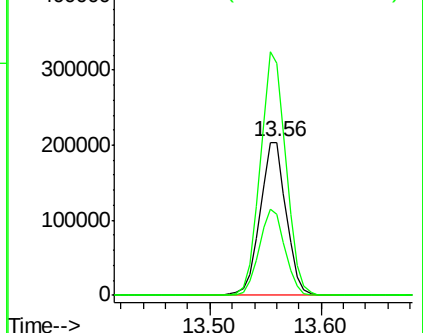
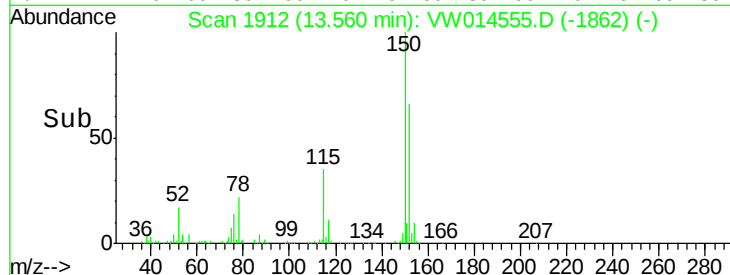
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014555.D
Acq: 08 Jan 2020 12:42

Instrument :
MSVOA_W
ClientSampleId :
WP022SB454_191227-24-26

Tgt Ion:152 Resp: 333525
Ion Ratio Lower Upper
152 100
115 55.2 27.7 83.1
150 155.5 0.0 343.4



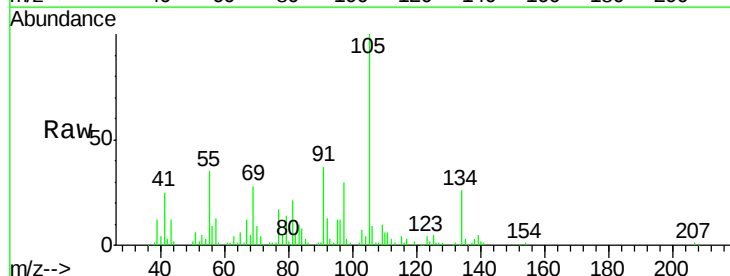
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



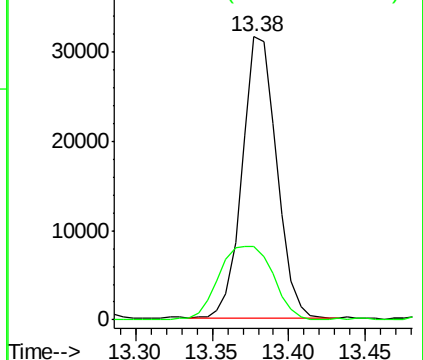
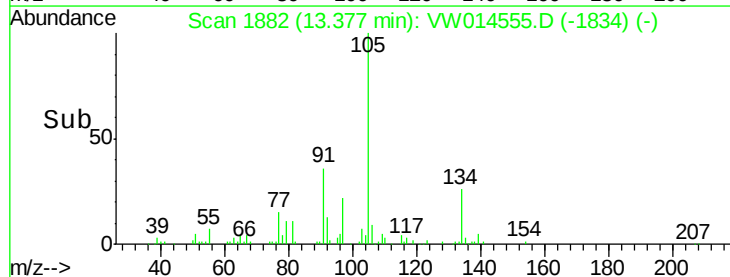
#85

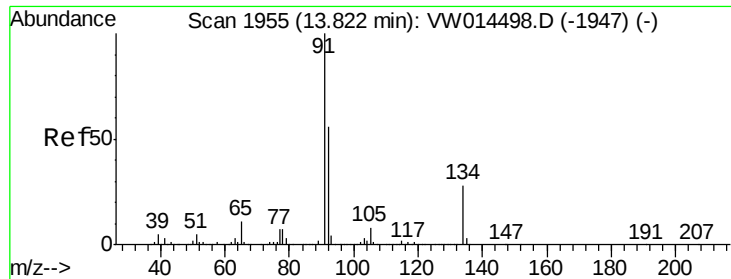
sec-Butylbenzene
Concen: 1.986 ug/l
RT: 13.38 min Scan# 1882
Delta R.T. -0.01 min
Lab File: VW014555.D
Acq: 08 Jan 2020 12:42

Tgt Ion:105 Resp: 49450
Ion Ratio Lower Upper
105 100
134 41.1 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V





#89

n-Butylbenzene

Concen: 2.721 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014555.D

Acq: 08 Jan 2020 12:42

Instrument :

MSVOA_W

ClientSampleId :

WP022SB454_191227-24-26

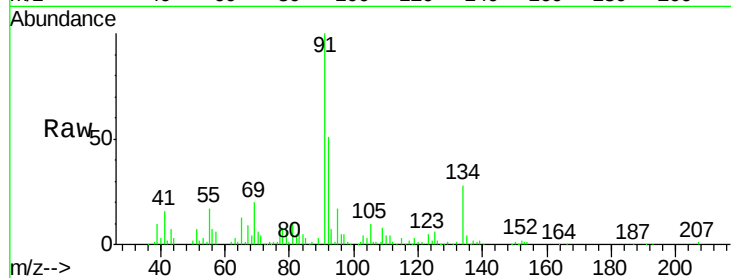
Tgt Ion: 91 Resp: 57356

Ion Ratio Lower Upper

91 100

92 52.8 27.5 82.5

134 36.6 13.7 41.1



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

