

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014588.D
 Acq On : 09 Jan 2020 17:47
 Operator : SY/VA
 Sample : L1063-03
 Misc : 3.243G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB451_200108_30-32

Quant Time: Jan 10 02:06:07 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

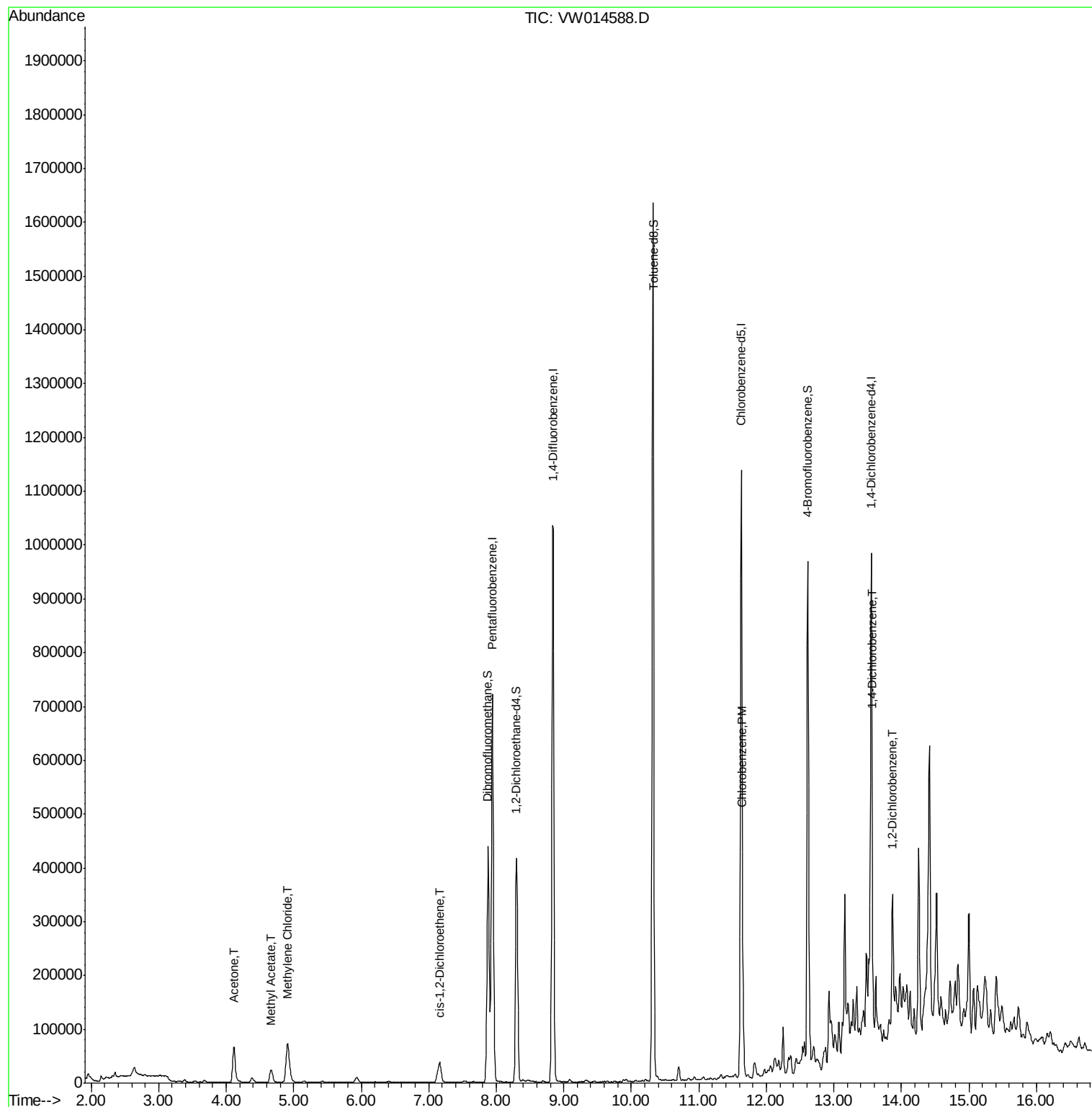
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	594299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	922977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	655143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	222146	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	321646	61.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.80%	
35) Dibromofluoromethane	7.88	113	315019	59.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.44%	
50) Toluene-d8	10.32	98	1129616	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	302547	40.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.04%	
Target Compounds						
16) Acetone	4.12	43	116243	79.228	ug/l	100
18) Methyl Acetate	4.67	43	47055	13.279	ug/l	100
20) Methylene Chloride	4.91	84	66114	7.281	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	17287	2.620	ug/l	94
65) Chlorobenzene	11.65	112	74976	5.586	ug/l	98
88) 1,4-Dichlorobenzene	13.57	146	19843	2.730	ug/l #	57
91) 1,2-Dichlorobenzene	13.86	146	11549	1.785	ug/l #	48

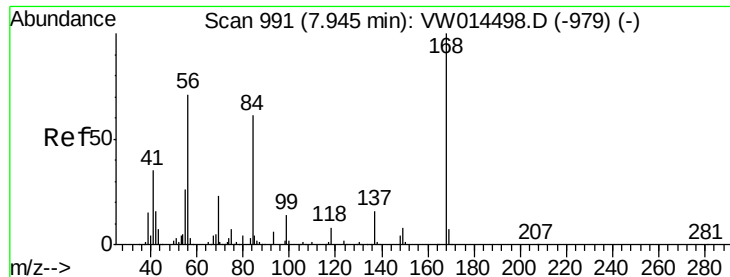
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010920\
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Quant Time: Jan 10 02:06:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
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: VW014588.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_W

ClientSampleId :

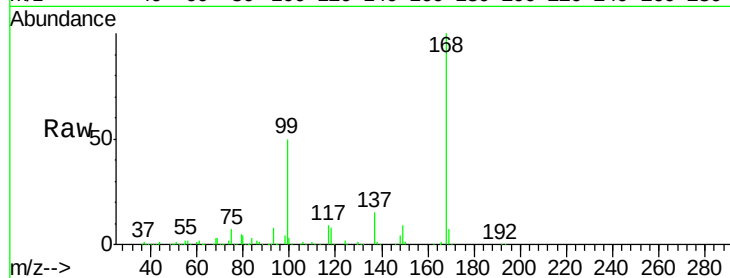
WP022SB451_200108_30-32

Tot Ion:168 Resp: 594299

Ion Ratio Lower Upper

168 100

99 50.5 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

250000

200000

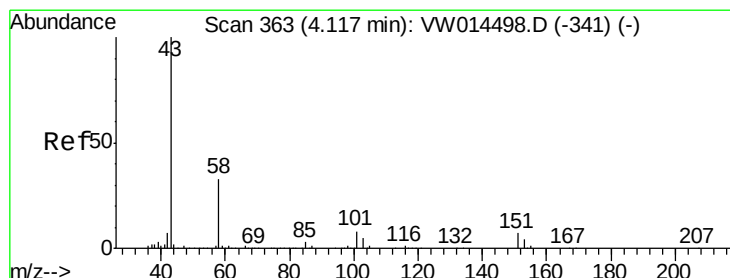
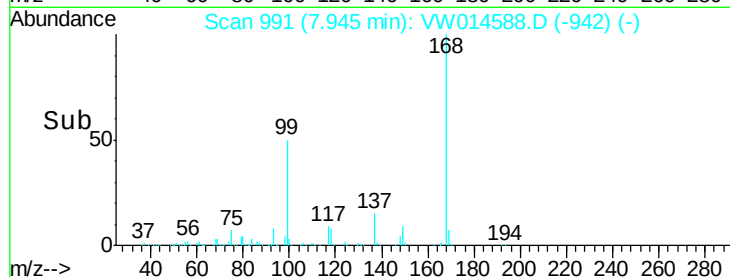
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 79.228 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014588.D

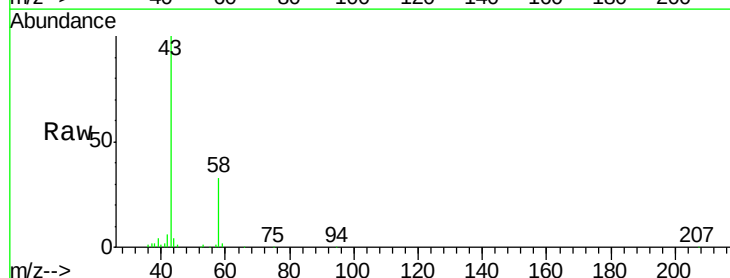
Acq: 09 Jan 2020 17:47

Tgt Ion: 43 Resp: 116243

Ion Ratio Lower Upper

43 100

58 33.3 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

50000

40000

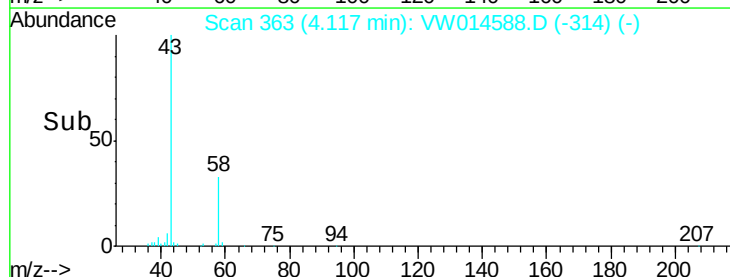
30000

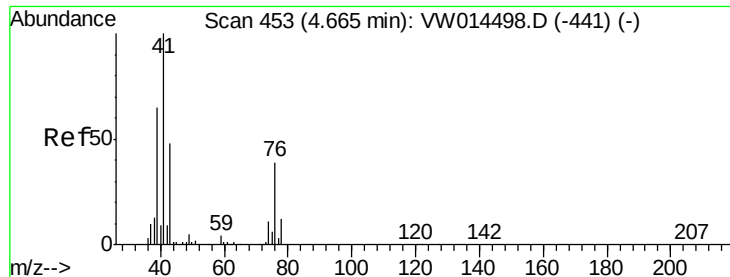
20000

10000

0

Time-->

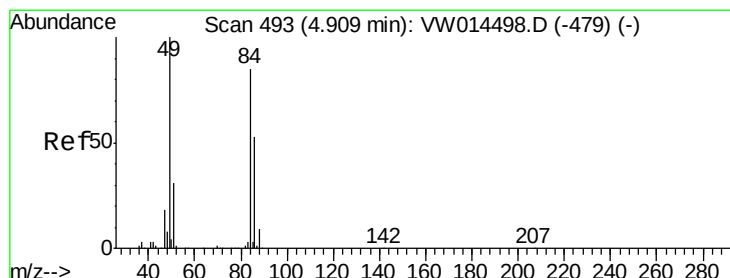
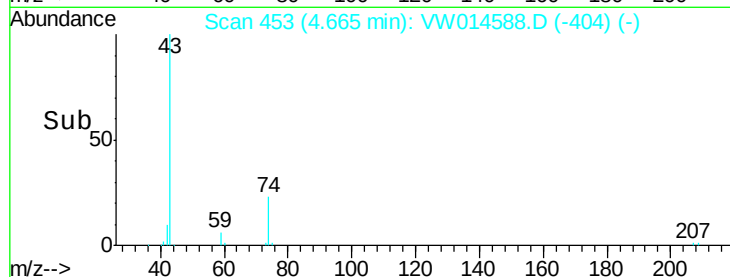
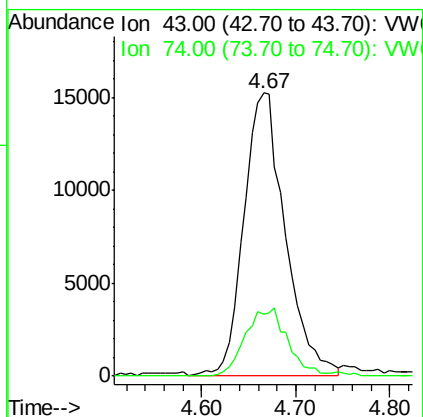
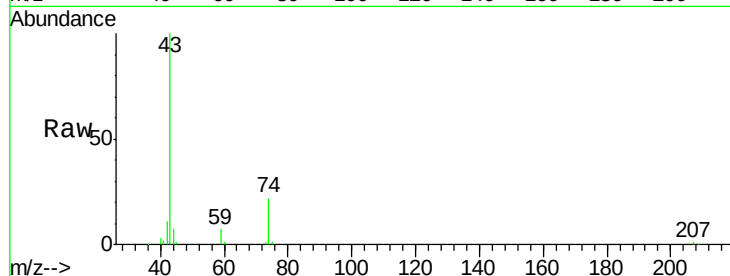




#18
Methyl Acetate
Concen: 13.279 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014588.D
Acq: 09 Jan 2020 17:47

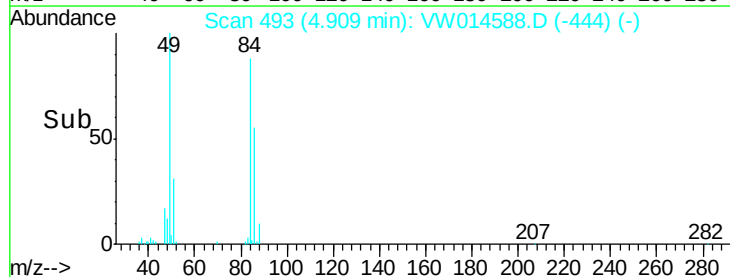
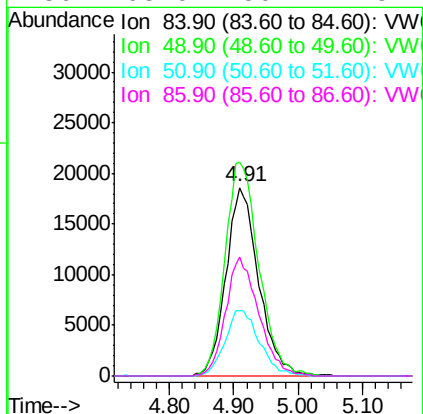
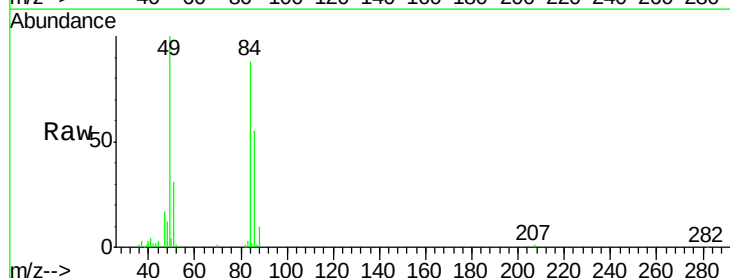
Instrument :
MSVOA_W
ClientSampleId :
WP022SB451_200108_30-32

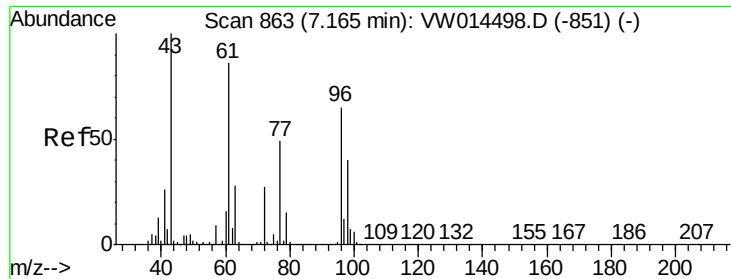
Tot Ion: 43 Resp: 47055
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 7.281 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014588.D
Acq: 09 Jan 2020 17:47

Tgt Ion: 84 Resp: 66114
Ion Ratio Lower Upper
84 100
49 113.5 94.4 141.6
51 35.0 29.5 44.3
86 63.0 50.2 75.2



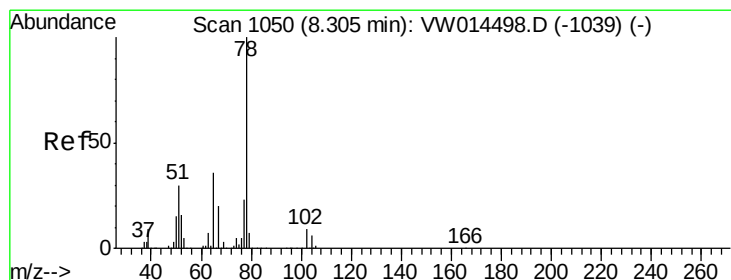
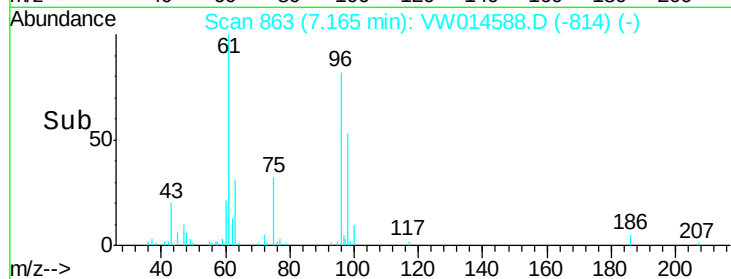
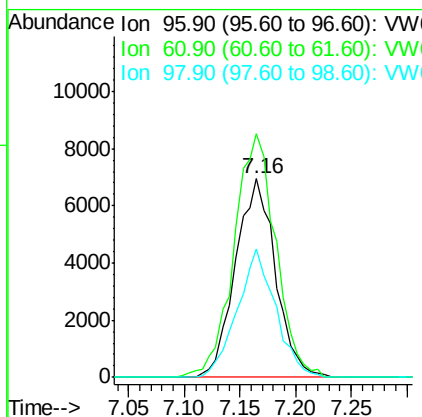
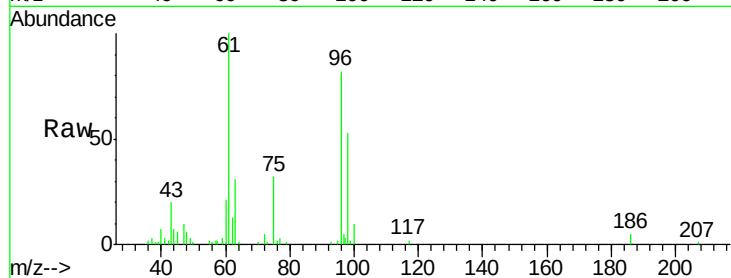


#27

cis-1,2-Dichloroethene
Concen: 2.620 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014588.D
Acq: 09 Jan 2020 17:47

Instrument :
MSVOA_W
ClientSampleId :
WP022SB451_200108_30-32

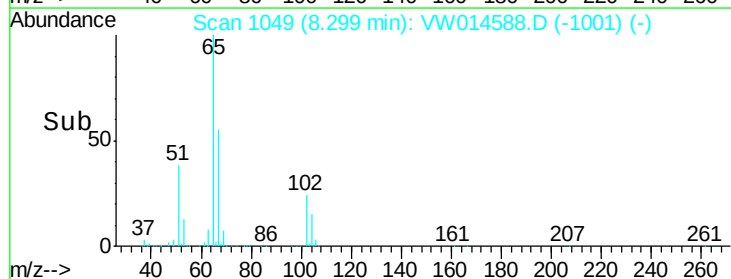
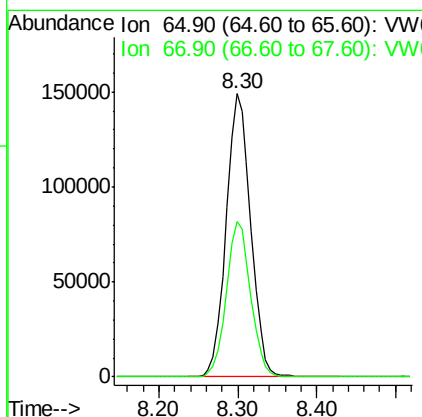
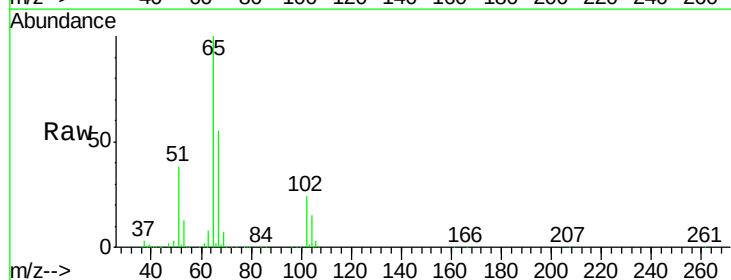
Tot Ion	96	Resp	17287
Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	274.8
98	62.2	0.0	128.6

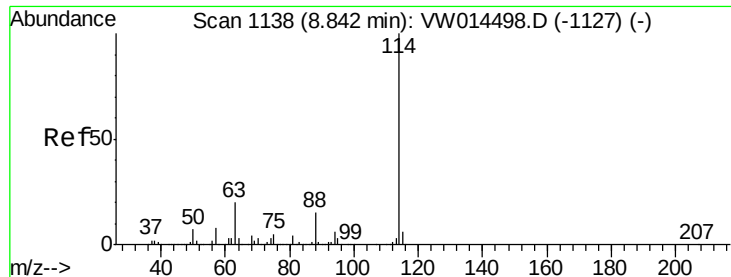


#33

1,2-Dichloroethane-d4
Concen: 61.902 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014588.D
Acq: 09 Jan 2020 17:47

Tgt Ion	65	Resp	321646
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014588.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_W

ClientSampleId :

WP022SB451_200108_30-32

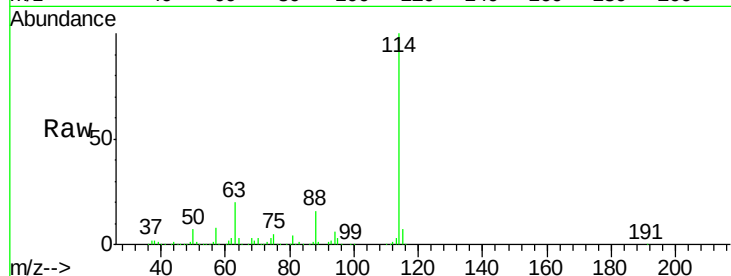
Tot Ion:114 Resp: 922977

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.4

88 15.6 0.0 30.6



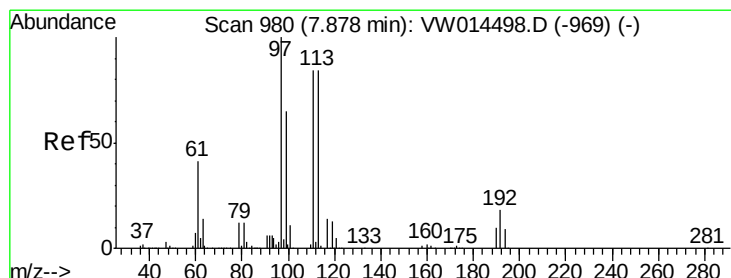
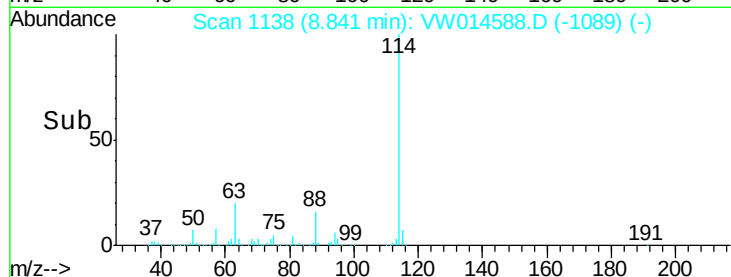
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time-->



#35

Dibromofluoromethane

Concen: 59.720 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014588.D

Acq: 09 Jan 2020 17:47

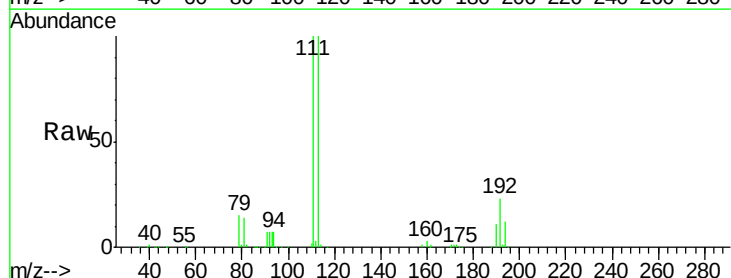
Tgt Ion:113 Resp: 315019

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

192 22.8 17.8 26.8



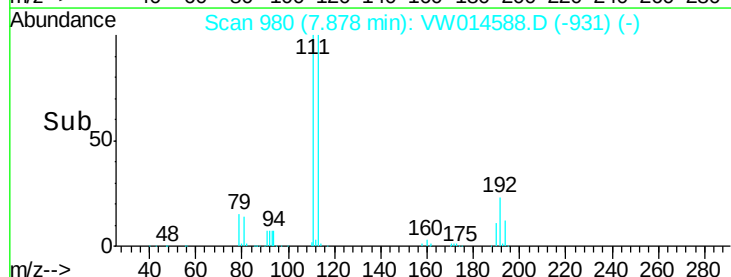
Abundance Ion 112.80 (112.50 to 113.50): V

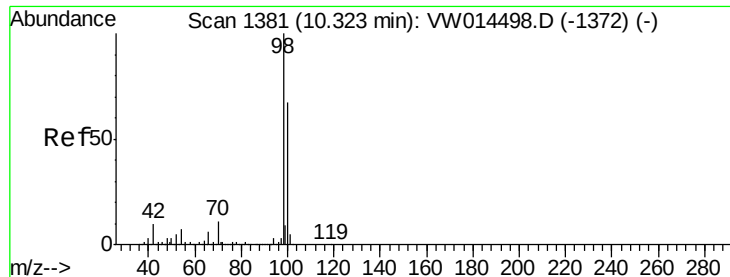
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time-->





#50

Toluene-d8

Concen: 51.314 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014588.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_W

ClientSampleId :

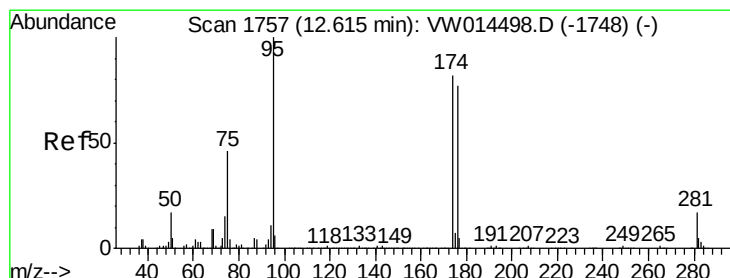
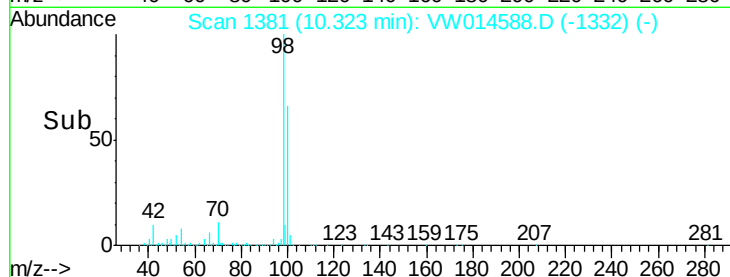
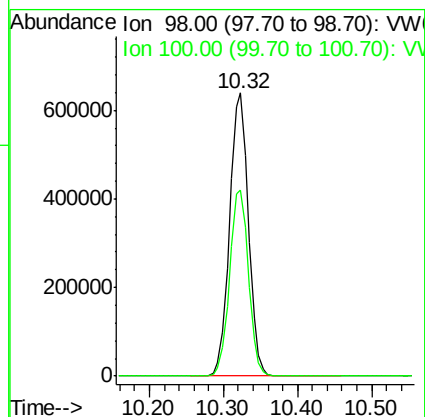
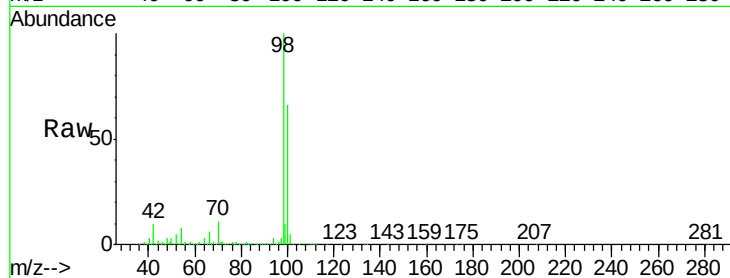
WP022SB451_200108_30-32

Tot Ion: 98 Resp: 1129616

Ion Ratio Lower Upper

98 100

100 66.1 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 40.519 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014588.D

Acq: 09 Jan 2020 17:47

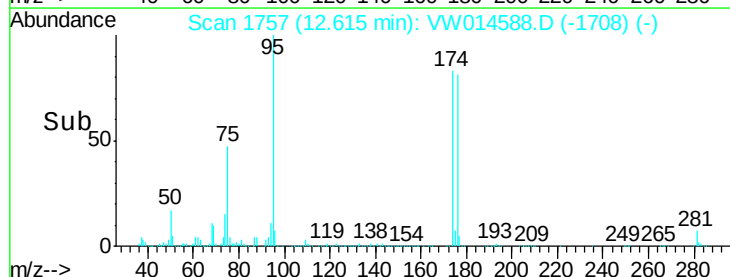
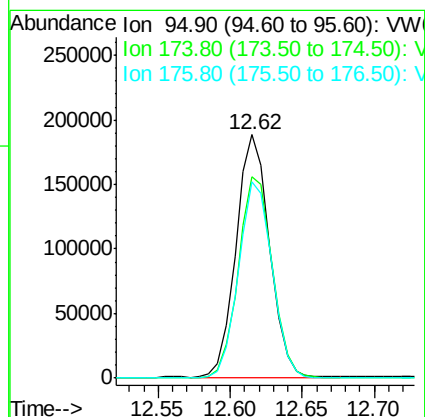
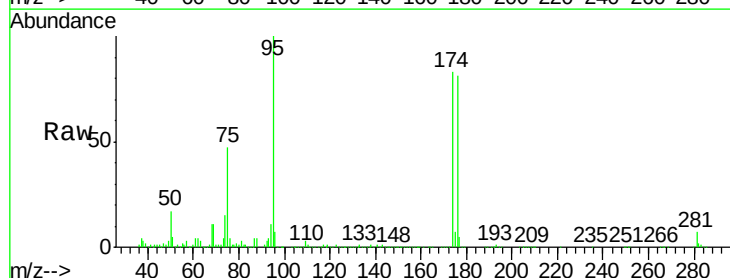
Tgt Ion: 95 Resp: 302547

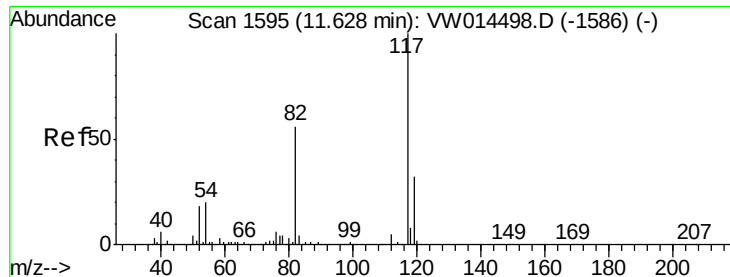
Ion Ratio Lower Upper

95 100

174 84.5 0.0 168.6

176 81.9 0.0 162.0

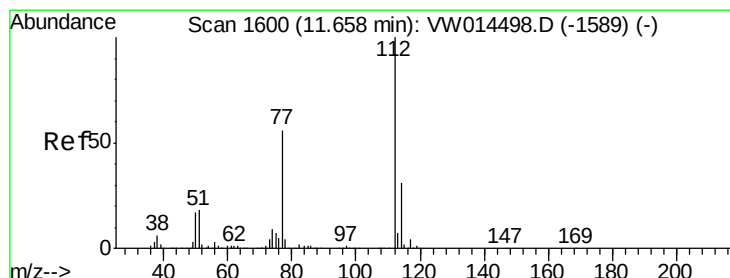
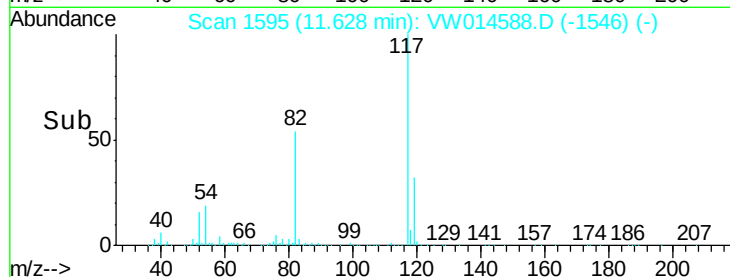
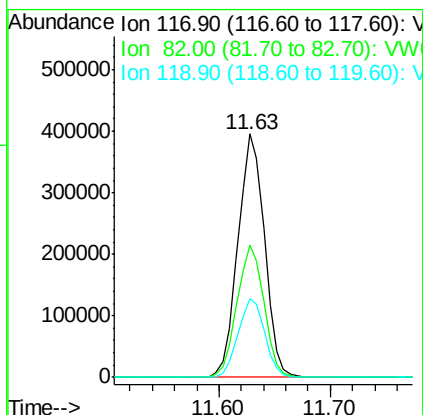
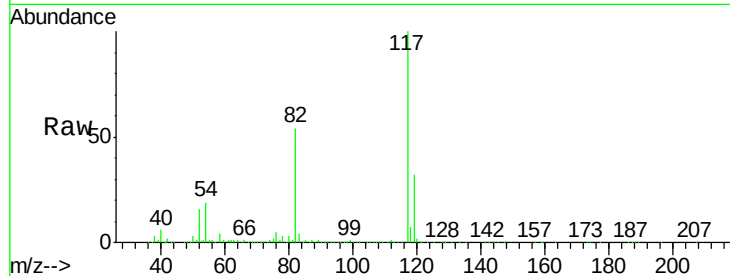




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014588.D
Acq: 09 Jan 2020 17:47

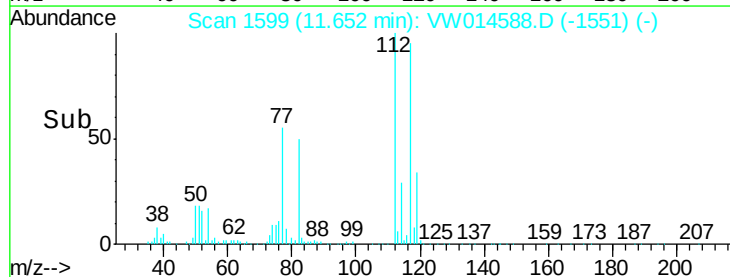
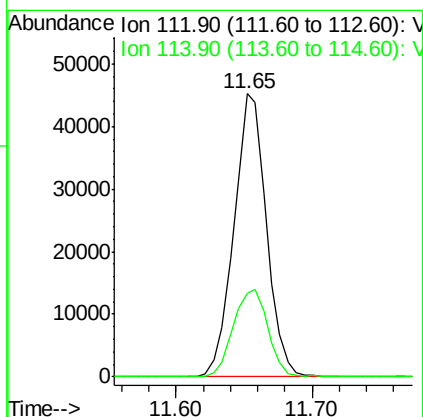
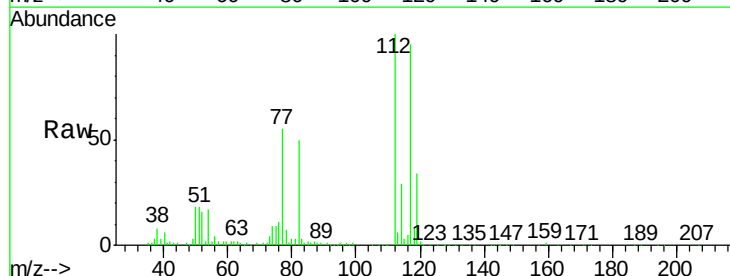
Instrument :
MSVOA_W
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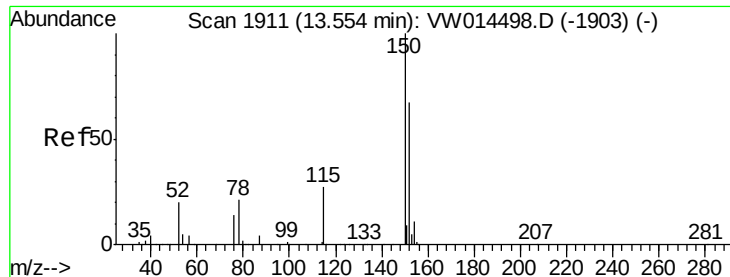
Tot Ion:117 Resp: 655143
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.1 25.7 38.5



#65
Chlorobenzene
Concen: 5.586 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014588.D
Acq: 09 Jan 2020 17:47

Tgt Ion:112 Resp: 74976
Ion Ratio Lower Upper
112 100
114 29.5 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014588.D

Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_W

ClientSampleId :

WP022SB451_200108_30-32

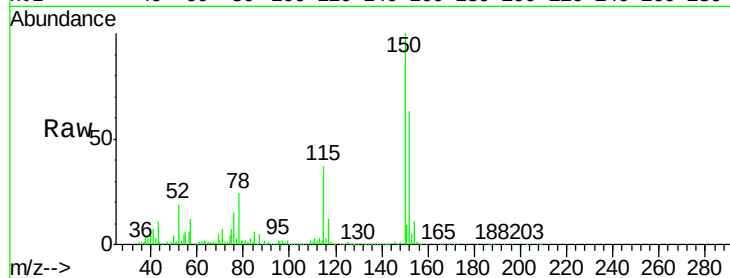
Tot Ion:152 Resp: 222146

Ion Ratio Lower Upper

152 100

115 55.6 27.7 83.1

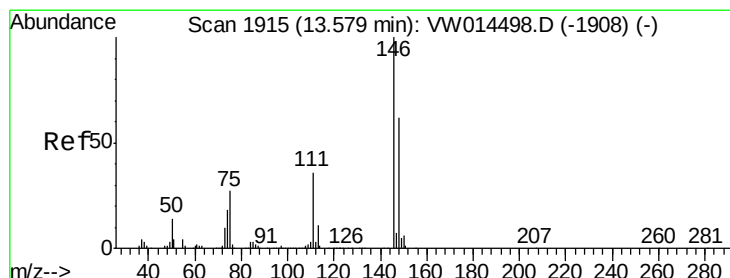
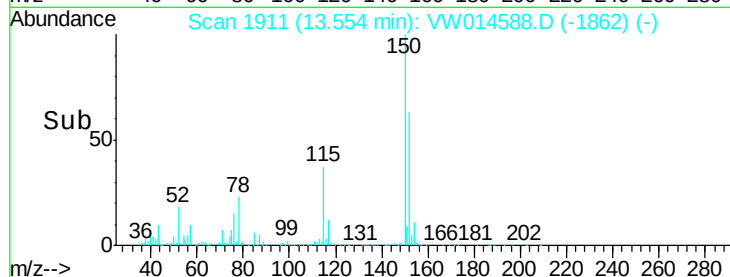
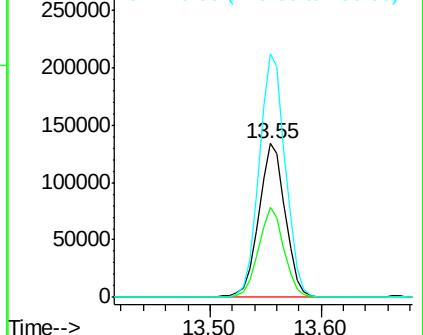
150 156.1 0.0 343.4



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



#88

1,4-Dichlorobenzene

Concen: 2.730 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. -0.01 min

Lab File: VW014588.D

Acq: 09 Jan 2020 17:47

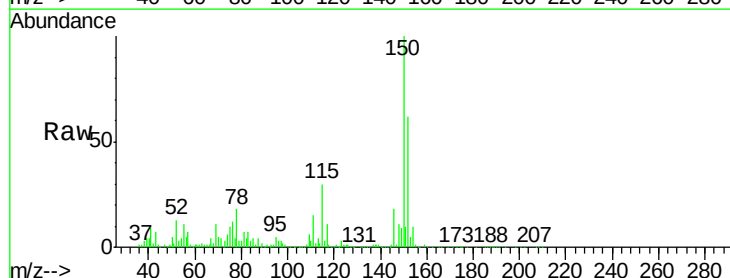
Tgt Ion:146 Resp: 19843

Ion Ratio Lower Upper

146 100

111 97.7 18.7 56.1#

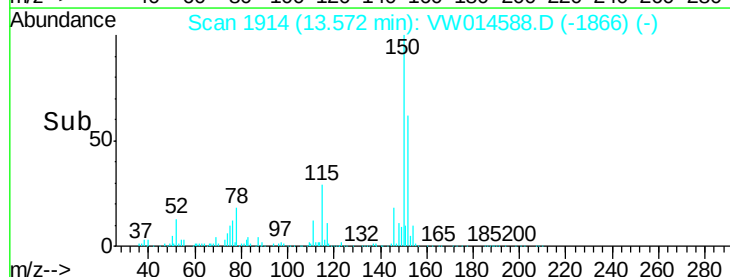
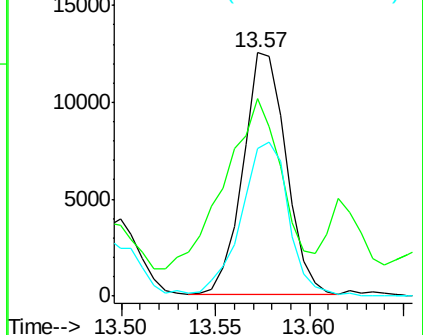
148 70.3 31.7 95.1

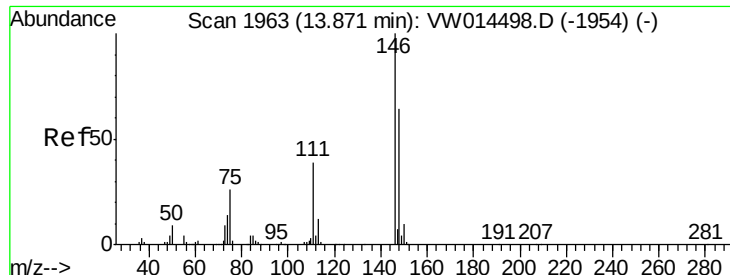


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 1.785 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW014588.D

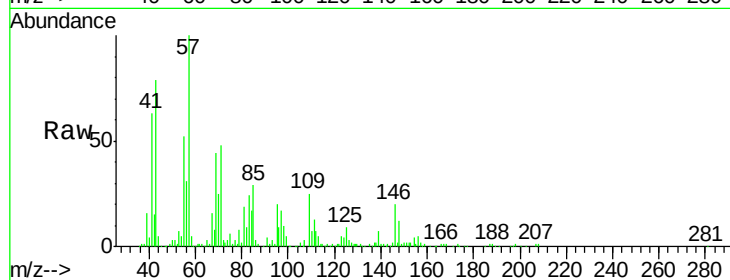
Acq: 09 Jan 2020 17:47

Instrument :

MSVOA_W

ClientSampleId :

WP022SB451_200108_30-32



Tot Ion:	146	Resp:	11549
Ion	Ratio	Lower	Upper
146	100		
111	120.1	20.4	61.3#
148	67.6	32.3	96.8

