

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014589.D
 Acq On : 09 Jan 2020 18:13
 Operator : SY/VA
 Sample : L1063-04
 Misc : 8.58G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB452 200108 25-27

Quant Time: Jan 10 02:45:41 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

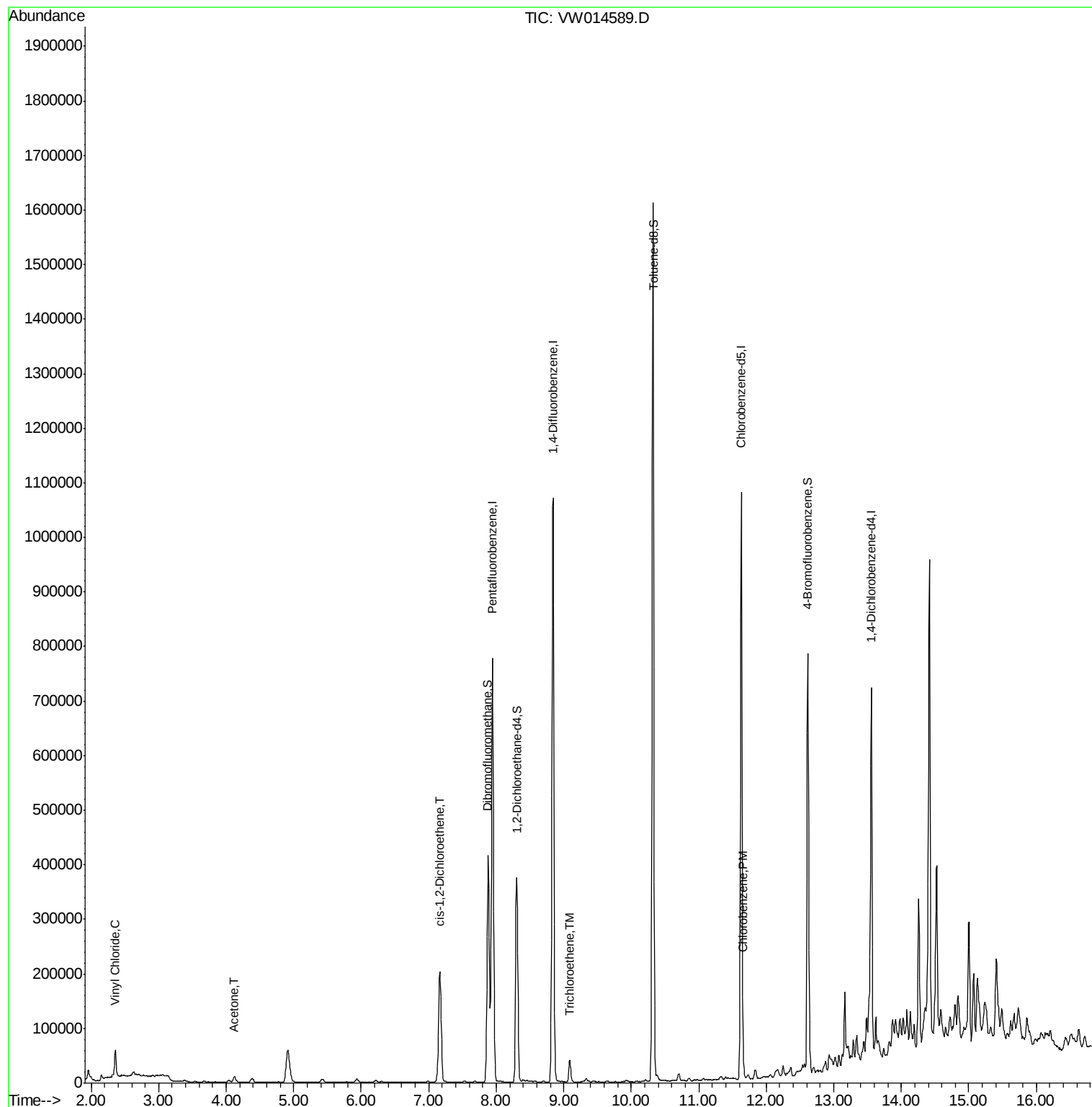
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	634574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	953806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	629384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	179536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	294753	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.88	113	307776	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
50) Toluene-d8	10.32	98	1116889	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.62	95	252481	32.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.44%	
Target Compounds						
4) Vinyl Chloride	2.36	62	48474	7.515	ug/l	98
16) Acetone	4.12	43	18692	11.931	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	126218	17.914	ug/l	93
44) Trichloroethene	9.09	130	15104	2.146	ug/l	92
65) Chlorobenzene	11.66	112	13781	1.069	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014589.D

Acq: 09 Jan 2020 18:13

Instrument :

MSVOA_W

ClientSampleId :

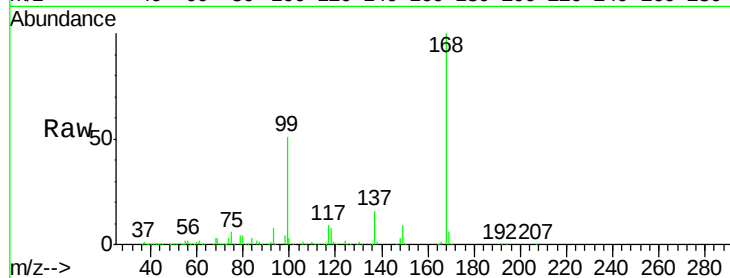
WP022SB452_200108_25-27

Tot Ion:168 Resp: 634574

Ion Ratio Lower Upper

168 100

99 50.9 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

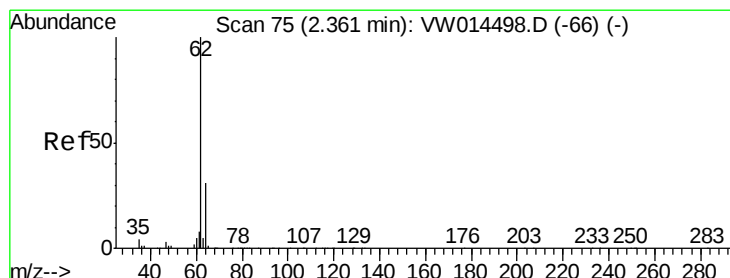
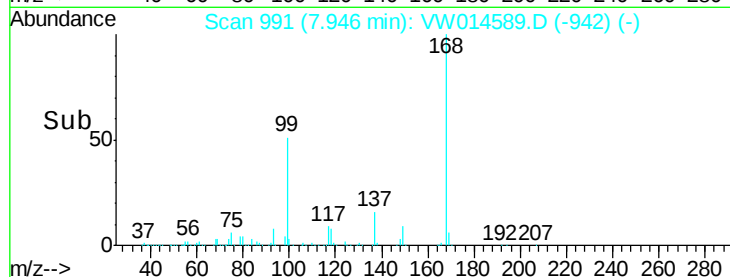
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 7.515 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014589.D

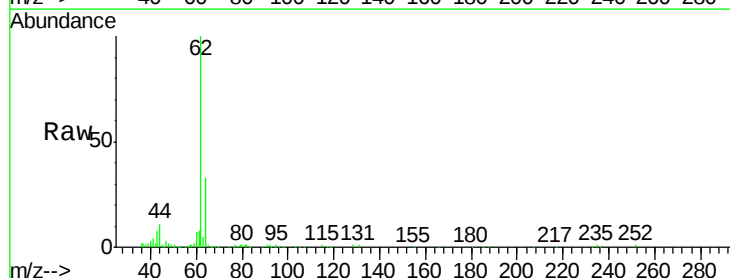
Acq: 09 Jan 2020 18:13

Tgt Ion: 62 Resp: 48474

Ion Ratio Lower Upper

62 100

64 32.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

30000

25000

20000

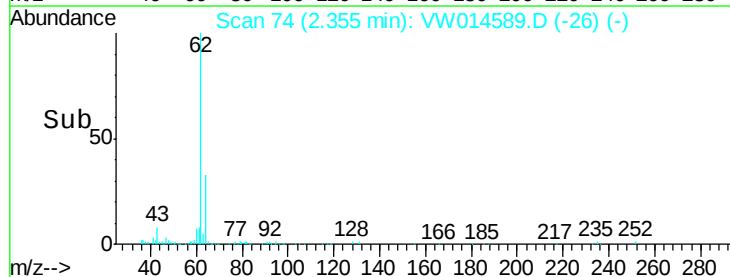
15000

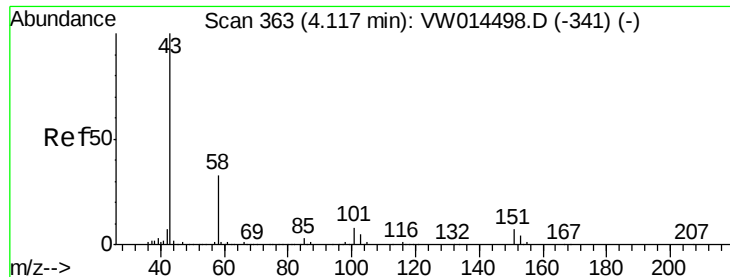
10000

5000

0

Time-->





#16

Acetone

Concen: 11.931 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014589.D

Acq: 09 Jan 2020 18:13

Instrument :

MSVOA_W

ClientSampleId :

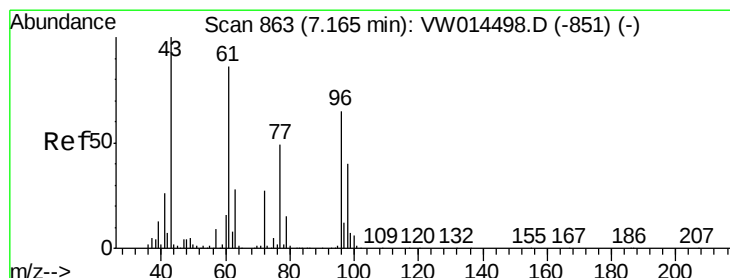
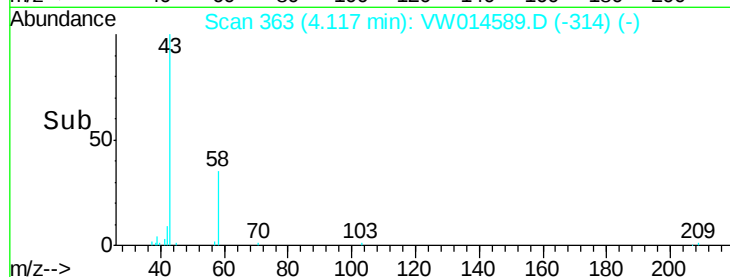
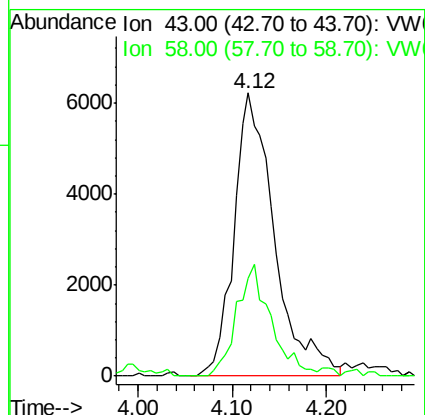
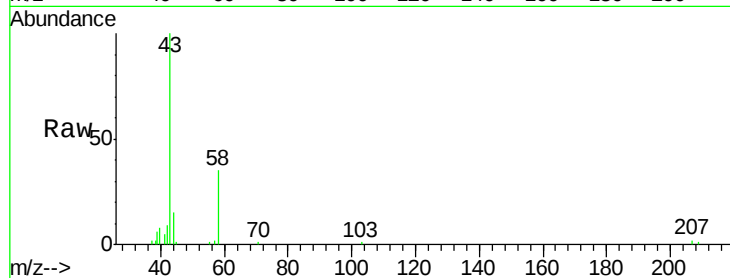
WP022SB452_200108_25-27

Tot Ion: 43 Resp: 18692

Ion Ratio Lower Upper

43 100

58 34.7 26.6 39.8



#27

cis-1,2-Dichloroethene

Concen: 17.914 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014589.D

Acq: 09 Jan 2020 18:13

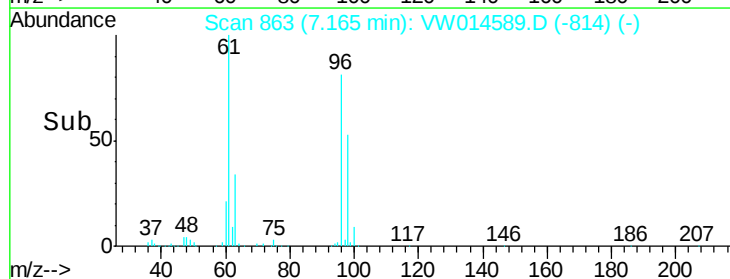
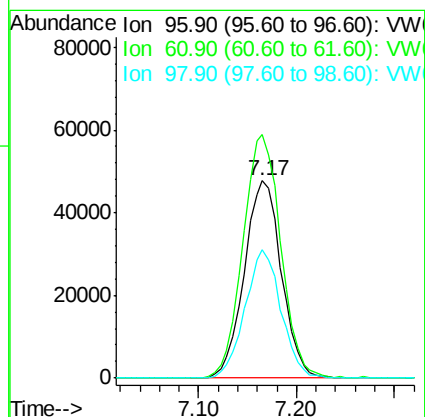
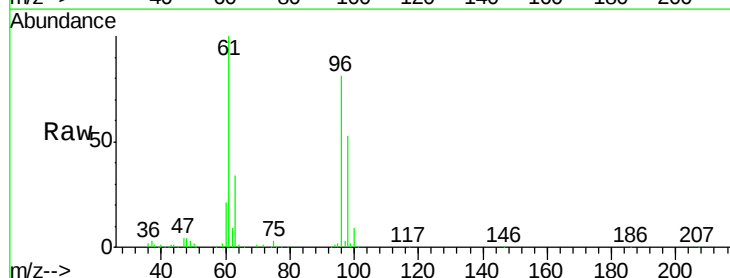
Tgt Ion: 96 Resp: 126218

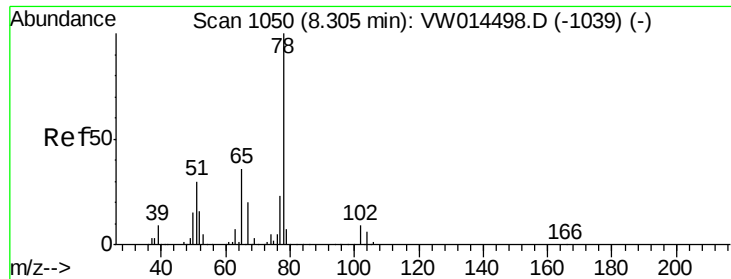
Ion Ratio Lower Upper

96 100

61 125.9 0.0 274.8

98 63.1 0.0 128.6

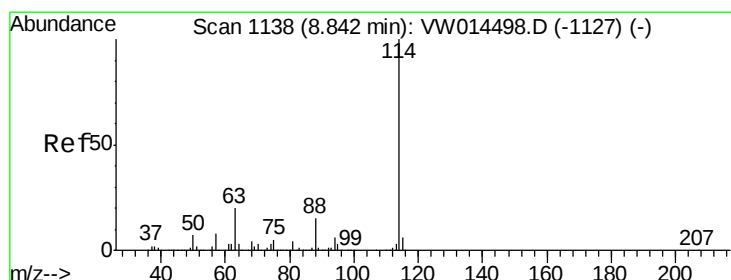
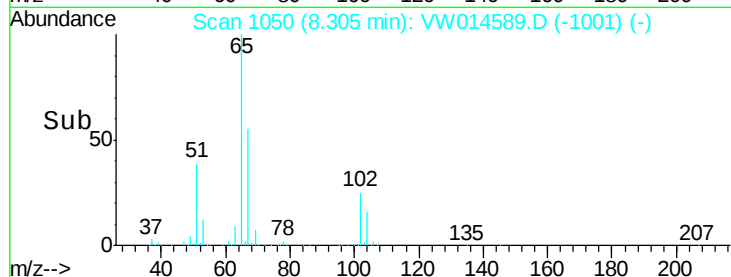
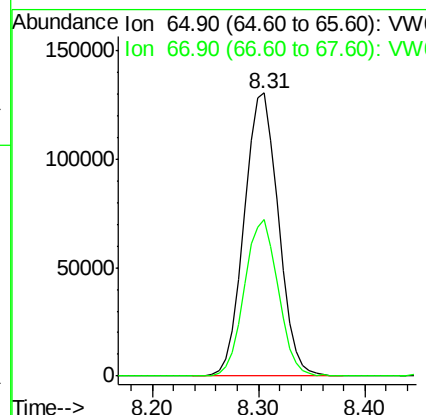
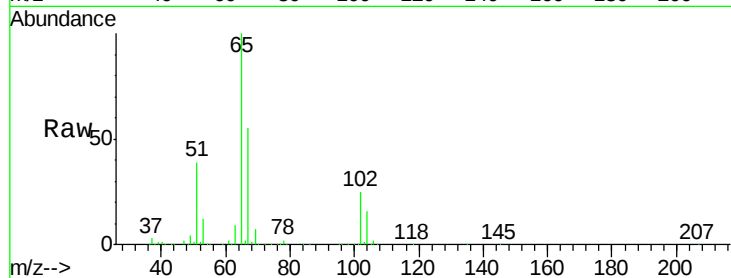




#33
 1,2-Dichloroethane-d4
 Concen: 53.126 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014589.D
 Acq: 09 Jan 2020 18:13

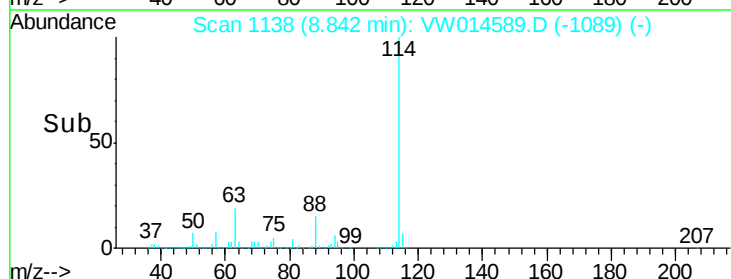
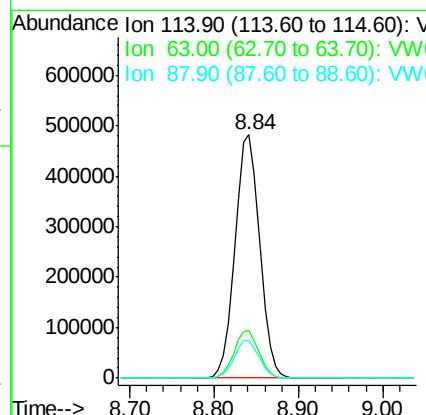
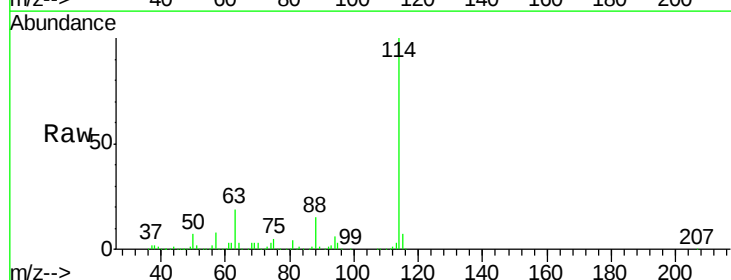
Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB452_200108_25-27

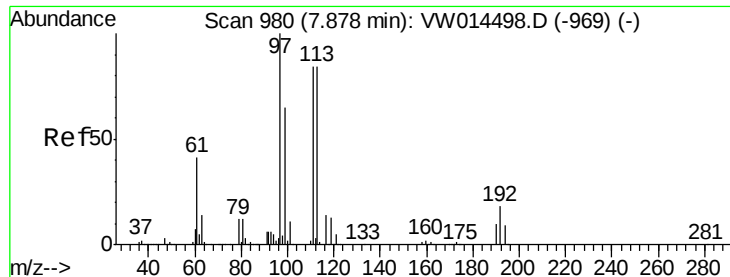
Tot Ion: 65 Resp: 294753
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014589.D
 Acq: 09 Jan 2020 18:13

Tgt Ion: 114 Resp: 953806
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.461 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014589.D

Acq: 09 Jan 2020 18:13

Instrument :

MSVOA_W

ClientSampleId :

WP022SB452_200108_25-27

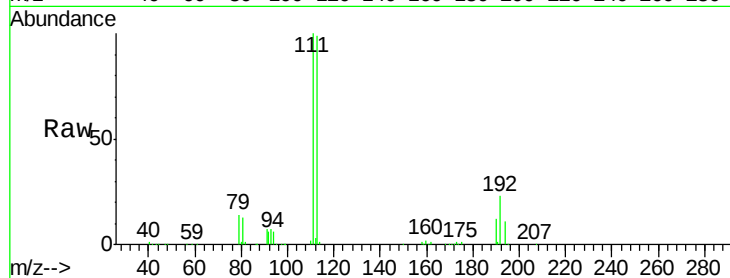
Tot Ion:113 Resp: 307776

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

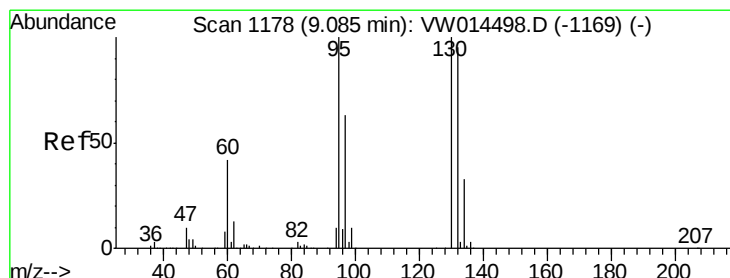
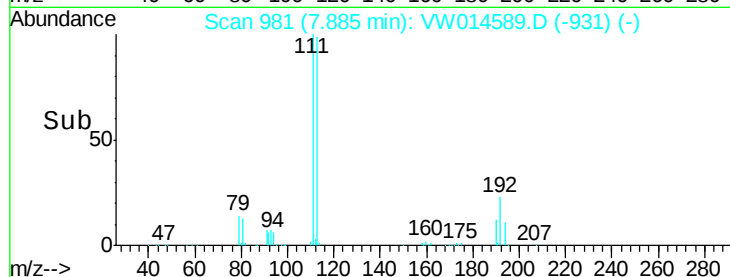
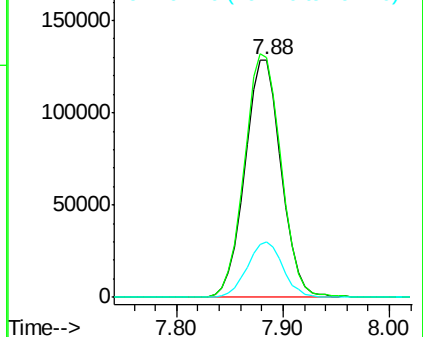
192 23.2 17.8 26.8



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



#44

Trichloroethene

Concen: 2.146 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW014589.D

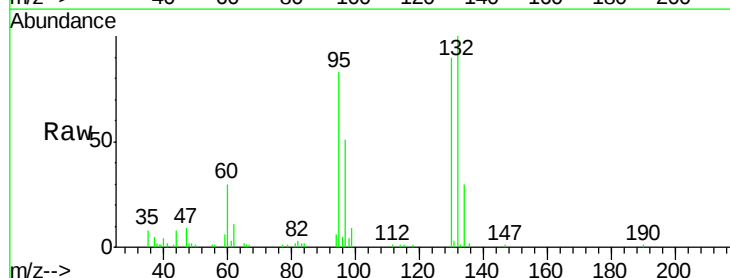
Acq: 09 Jan 2020 18:13

Tgt Ion:130 Resp: 15104

Ion Ratio Lower Upper

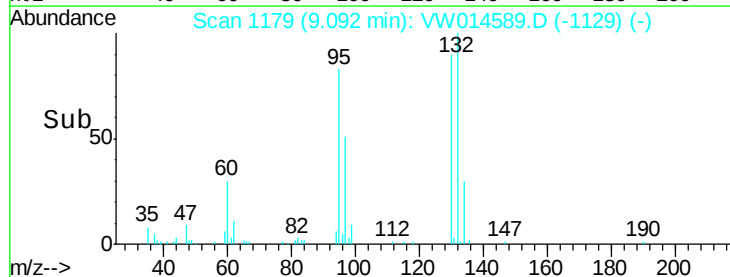
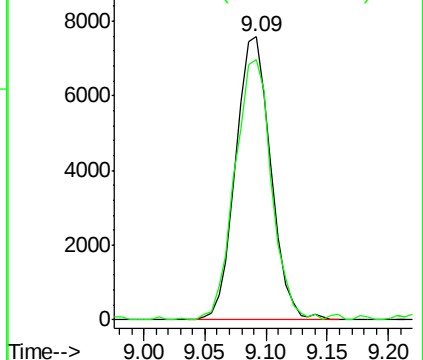
130 100

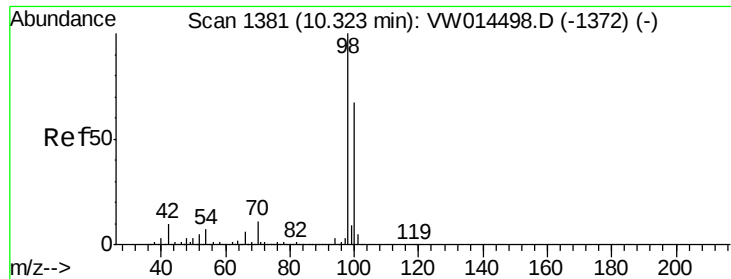
95 91.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 49.096 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014589.D

Acq: 09 Jan 2020 18:13

Instrument :

MSVOA_W

ClientSampleId :

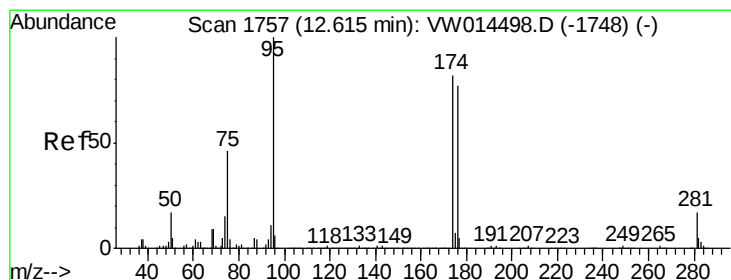
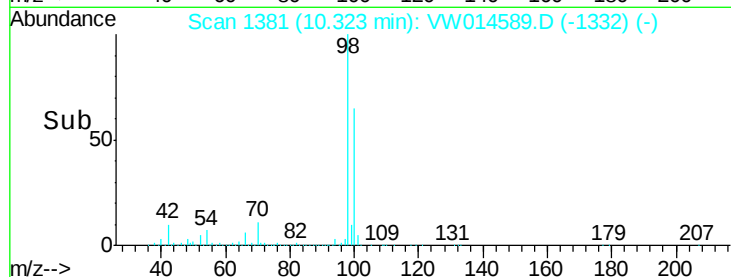
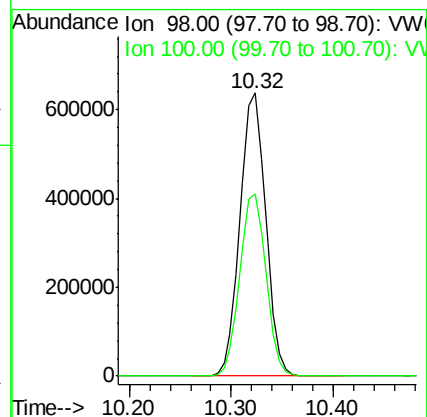
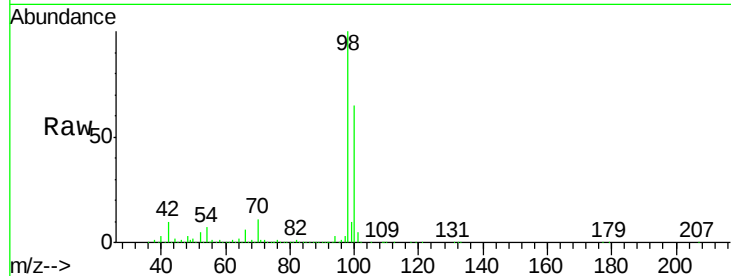
WP022SB452_200108_25-27

Tot Ion: 98 Resp: 1116889

Ion Ratio Lower Upper

98 100

100 65.6 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 32.721 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014589.D

Acq: 09 Jan 2020 18:13

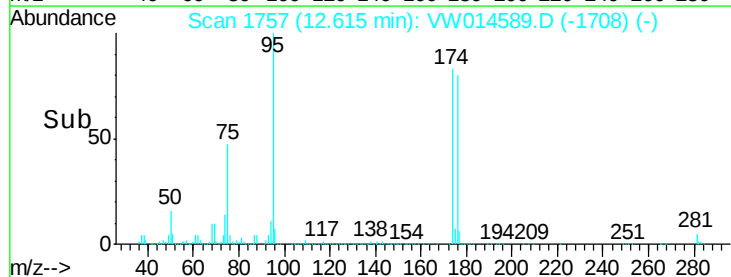
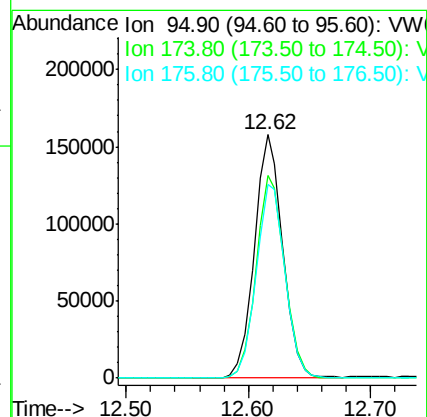
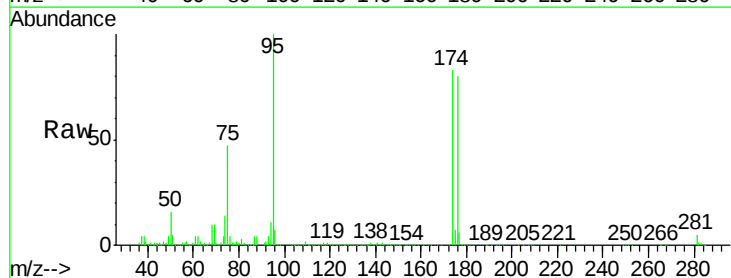
Tgt Ion: 95 Resp: 252481

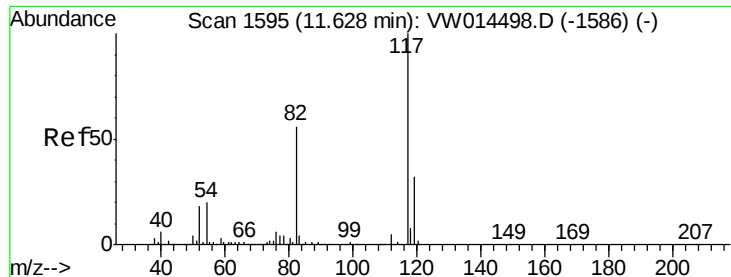
Ion Ratio Lower Upper

95 100

174 84.6 0.0 168.6

176 81.8 0.0 162.0

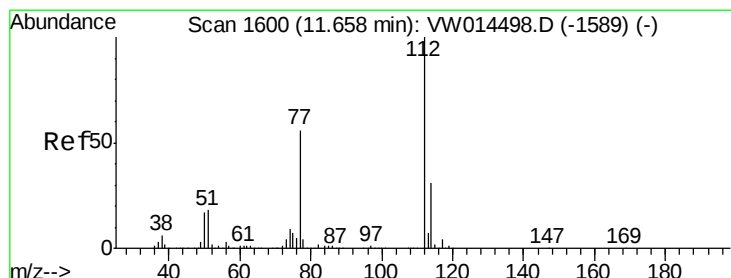
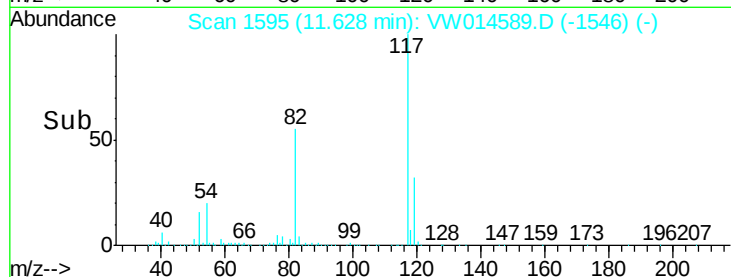
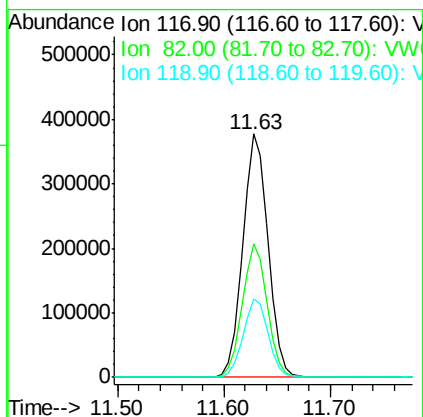
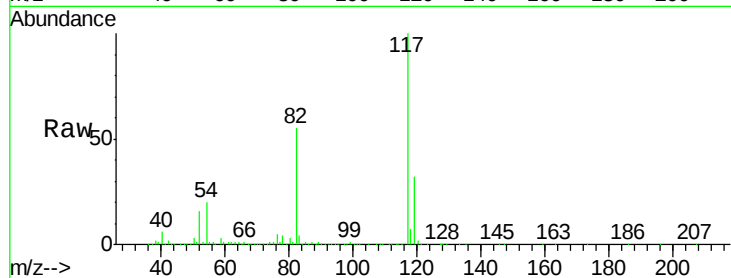




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014589.D
Acq: 09 Jan 2020 18:13

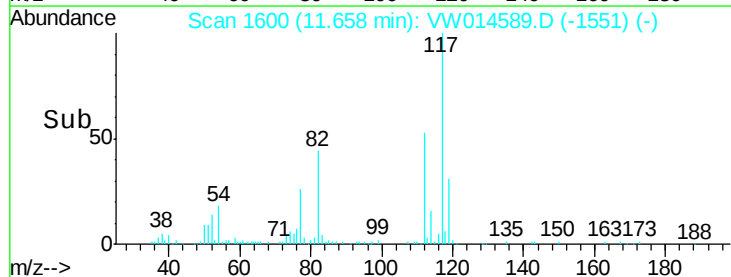
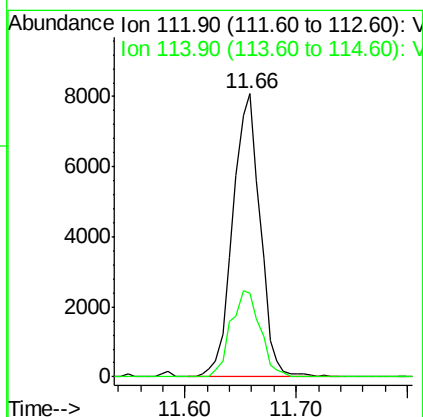
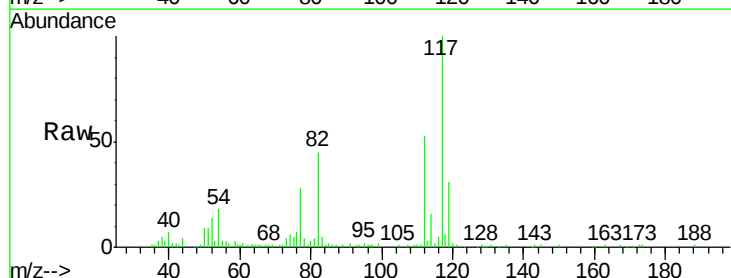
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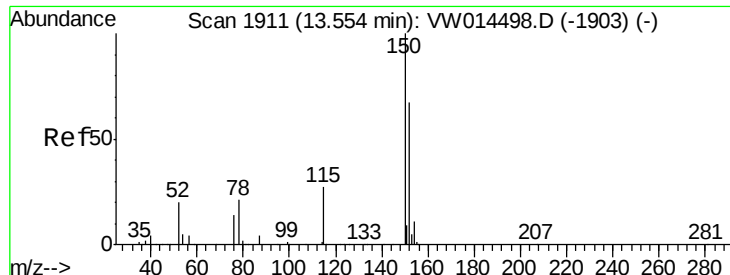
Tot Ion:117 Resp: 629384
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.2 25.7 38.5



#65
Chlorobenzene
Concen: 1.069 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW014589.D
Acq: 09 Jan 2020 18:13

Tgt Ion:112 Resp: 13781
Ion Ratio Lower Upper
112 100
114 29.6 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: VW014589.D

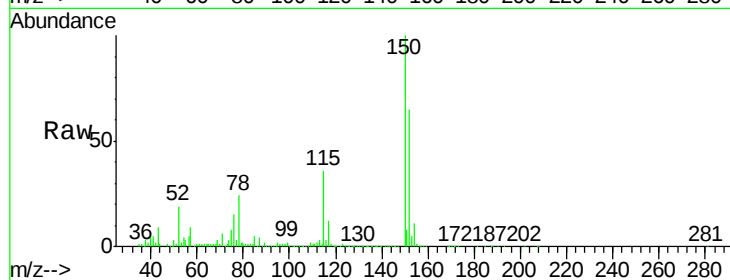
Acq: 09 Jan 2020 18:13

Instrument :

MSVOA_W

ClientSampleId :

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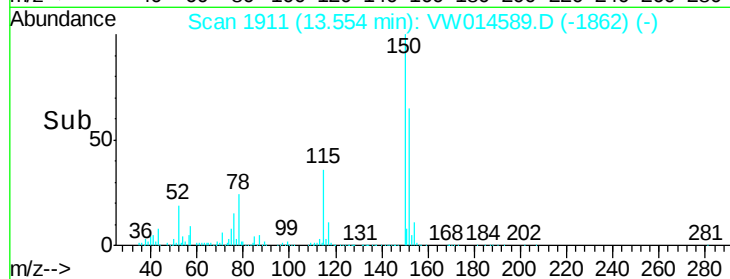
Tot Ion:152 Resp: 179536

Ion Ratio Lower Upper

152 100

115 52.7 27.7 83.1

150 149.7 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

