

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014576.D
 Acq On : 09 Jan 2020 12:32
 Operator : SY/VA
 Sample : L1056-01RE
 Misc : 9.01G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB446_200106_35-36RE

Quant Time: Jan 09 13:01:01 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

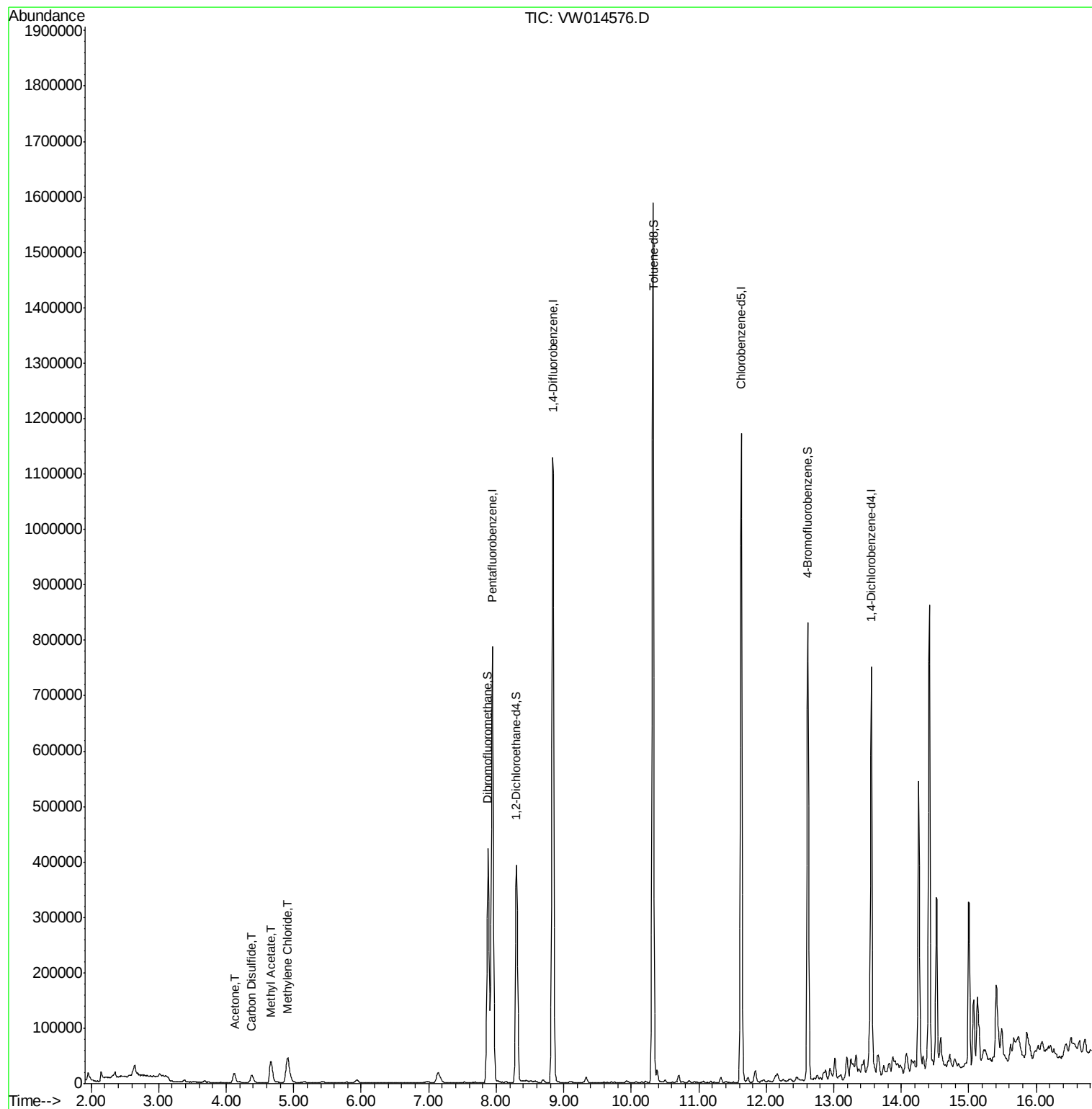
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	643877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1004769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	682069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	210264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	308675	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.88	113	309208	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
50) Toluene-d8	10.32	98	1109606	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.62	95	264143	32.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.00%	
Target Compounds						
16) Acetone	4.12	43	30141	18.962	ug/l #	87
17) Carbon Disulfide	4.38	76	25634	1.327	ug/l	96
18) Methyl Acetate	4.67	43	78880	20.547	ug/l	98
20) Methylene Chloride	4.91	84	41592	2.145	ug/l	97

(#) = 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: VW014576.D

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MSVOA_W

ClientSampleId :

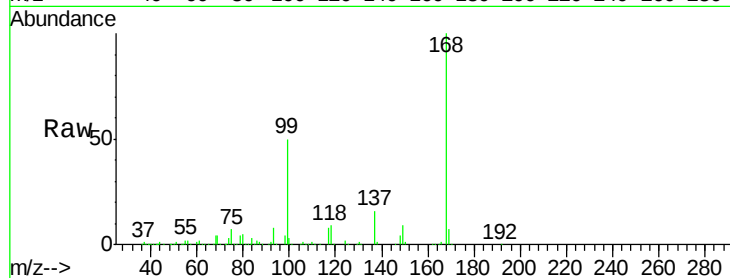
WP022SB446_200106_35-36RE

Tot Ion:168 Resp: 643877

Ion Ratio Lower Upper

168 100

99 49.6 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

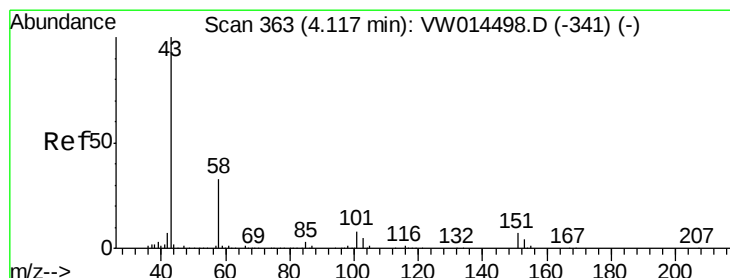
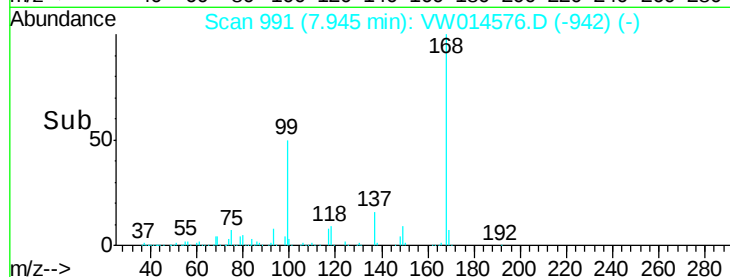
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 18.962 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014576.D

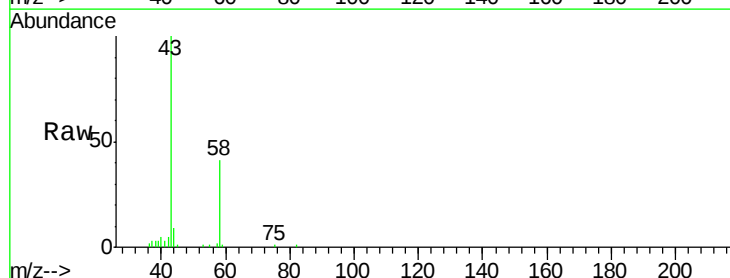
Acq: 09 Jan 2020 12:32

Tgt Ion: 43 Resp: 30141

Ion Ratio Lower Upper

43 100

58 40.8 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

12000

10000

8000

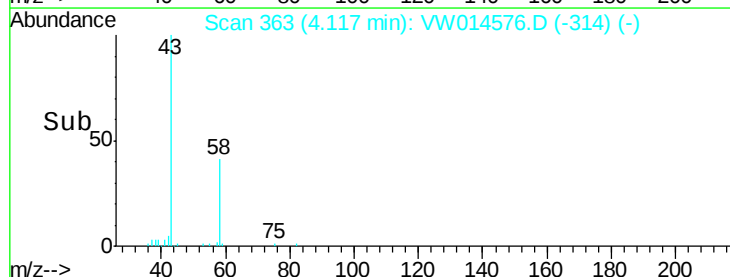
6000

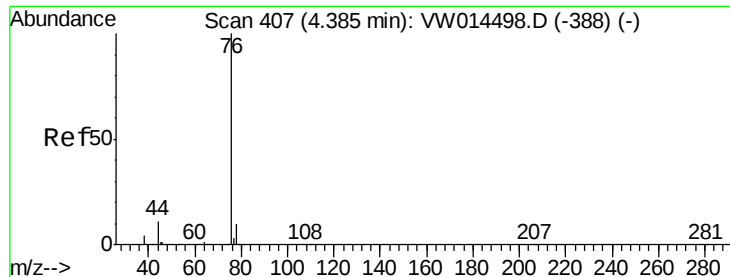
4000

2000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.327 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014576.D

Acq: 09 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleId :

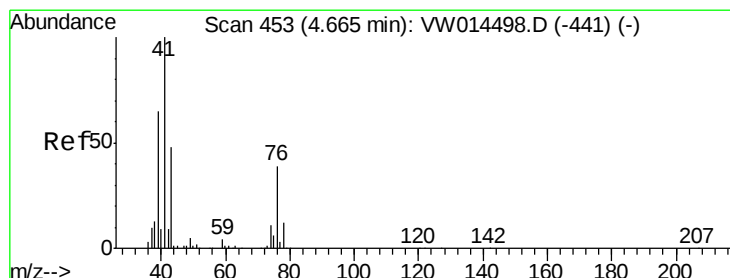
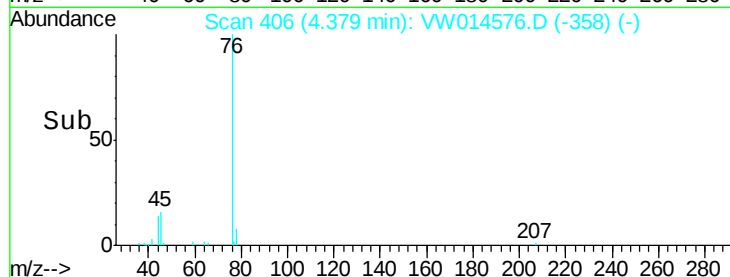
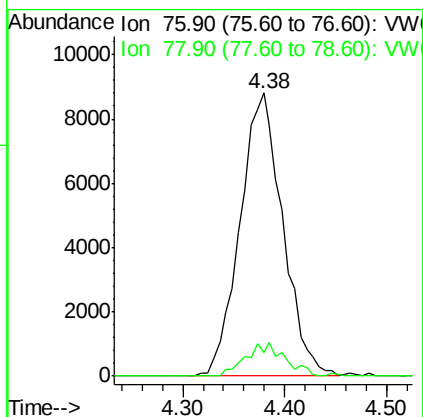
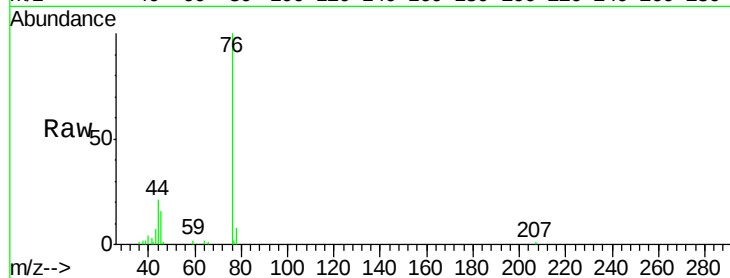
WP022SB446_200106_35-36RE

Tot Ion: 76 Resp: 25634

Ion Ratio Lower Upper

76 100

78 8.4 7.8 11.6



#18

Methyl Acetate

Concen: 20.547 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW014576.D

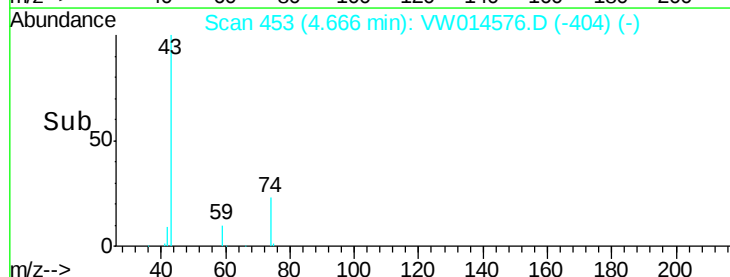
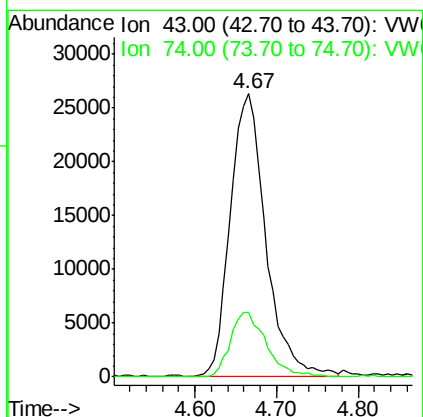
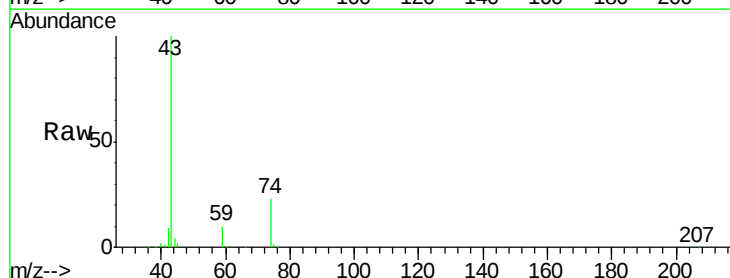
Acq: 09 Jan 2020 12:32

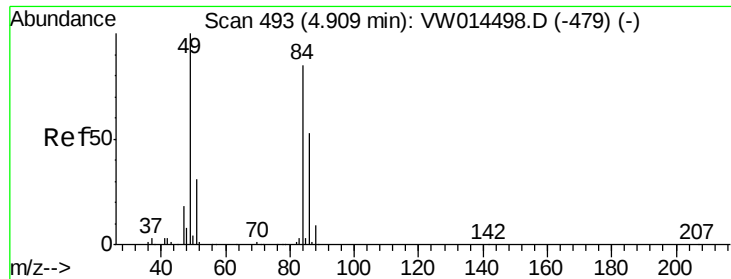
Tgt Ion: 43 Resp: 78880

Ion Ratio Lower Upper

43 100

74 23.2 19.3 28.9





#20

Methylene Chloride

Concen: 2.145 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW014576.D

Acq: 09 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleId :

WP022SB446_200106_35-36RE

Tot Ion: 84 Resp: 41592

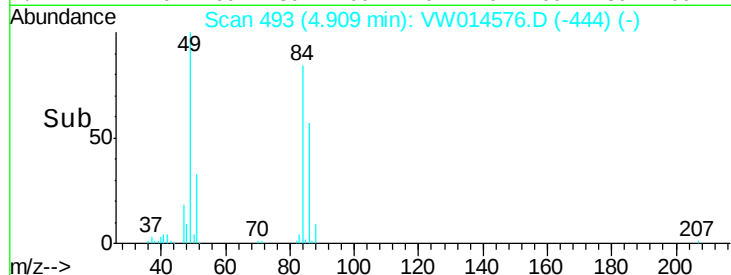
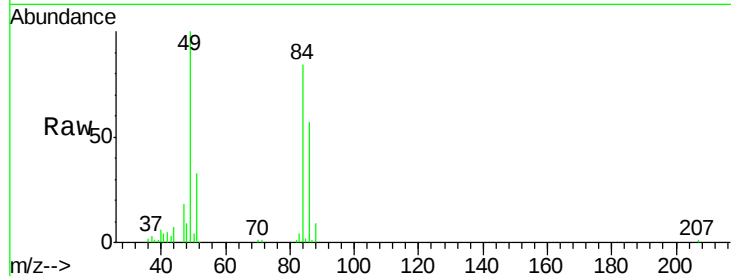
Ion Ratio Lower Upper

84 100

49 119.1 94.4 141.6

51 38.9 29.5 44.3

86 68.0 50.2 75.2

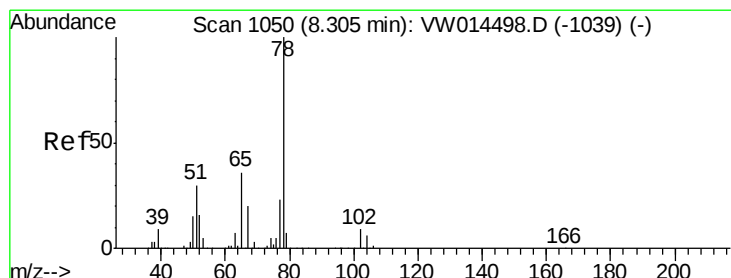
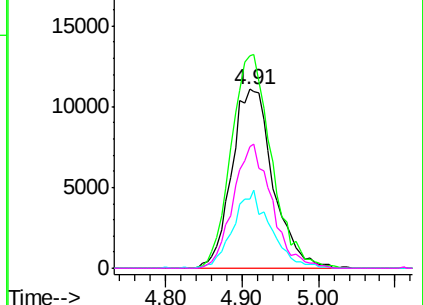


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.832 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014576.D

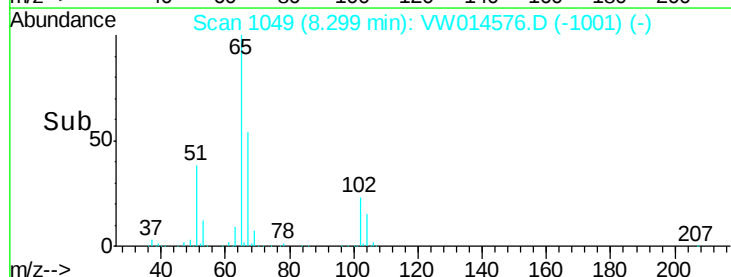
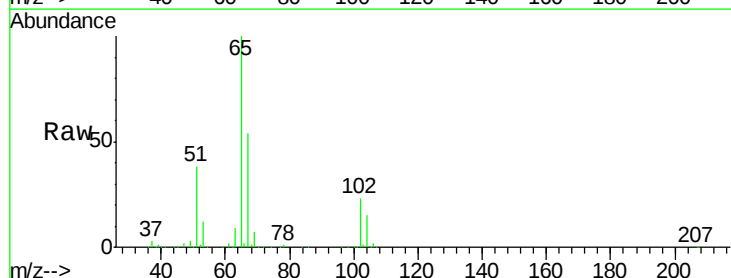
Acq: 09 Jan 2020 12:32

Tgt Ion: 65 Resp: 308675

Ion Ratio Lower Upper

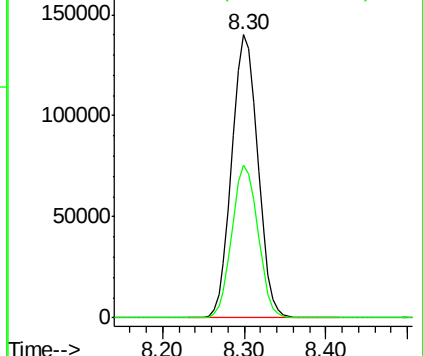
65 100

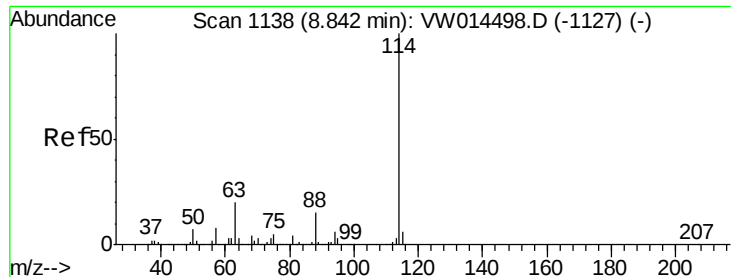
67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

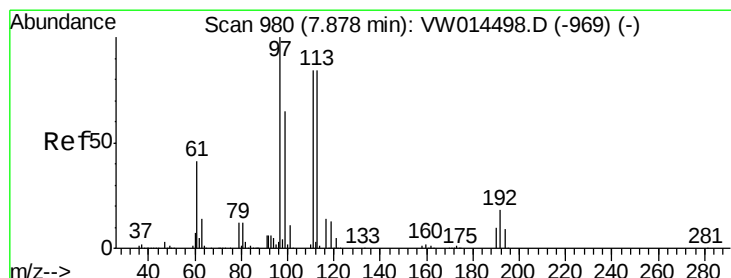
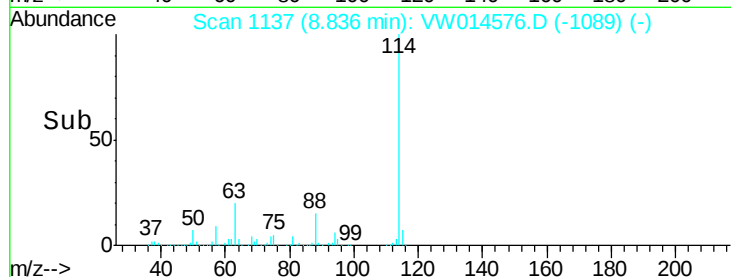
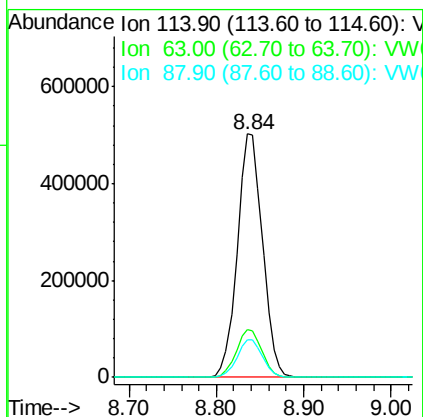
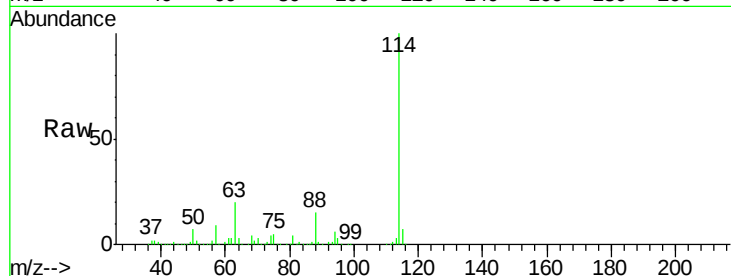




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VW014576.D
Acq: 09 Jan 2020 12:32

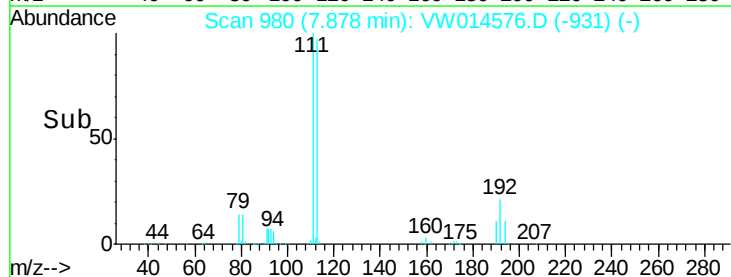
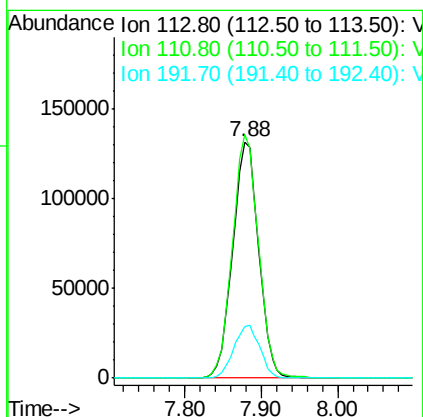
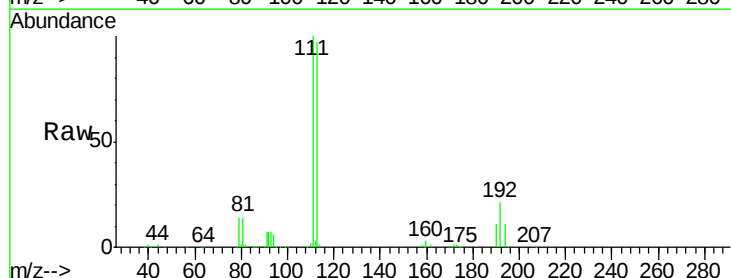
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WP022SB446_200106_35-36RE

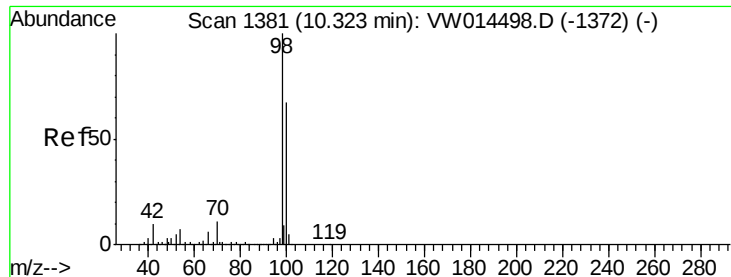
Tot Ion:114 Resp: 1004769
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.846 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW014576.D
Acq: 09 Jan 2020 12:32

Tgt Ion:113 Resp: 309208
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 22.5 17.8 26.8





#50

Toluene-d8

Concen: 46.302 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014576.D

Acq: 09 Jan 2020 12:32

Instrument :

MSVOA_W

ClientSampleId :

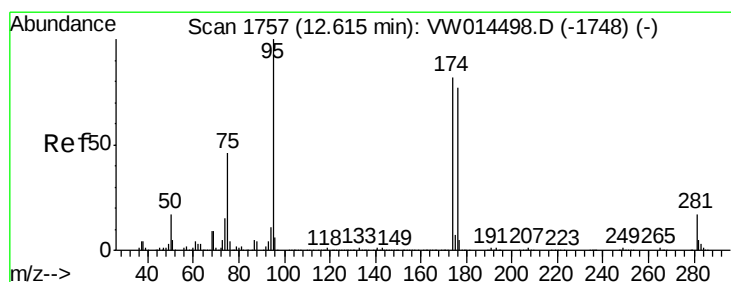
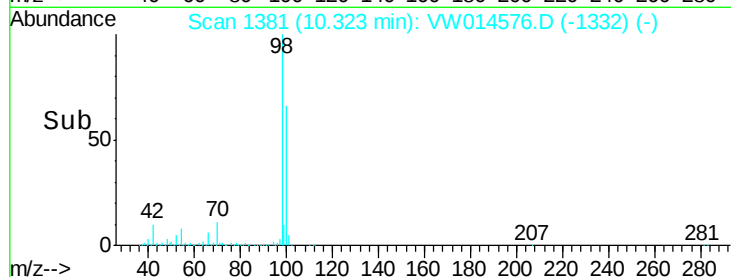
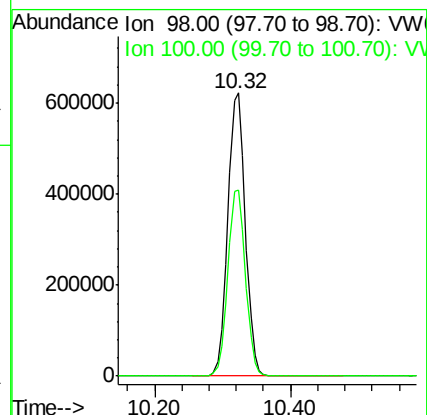
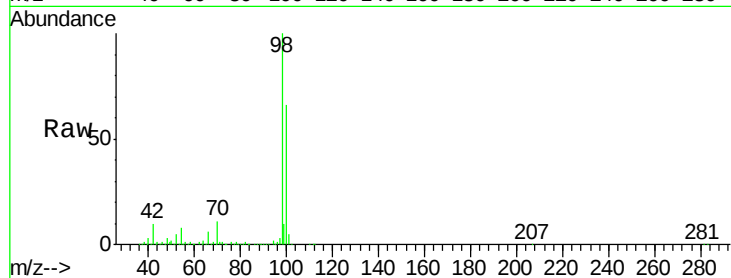
WP022SB446_200106_35-36RE

Tot Ion: 98 Resp: 1109606

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 32.496 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014576.D

Acq: 09 Jan 2020 12:32

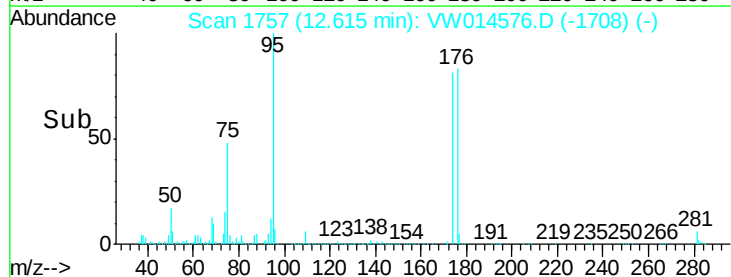
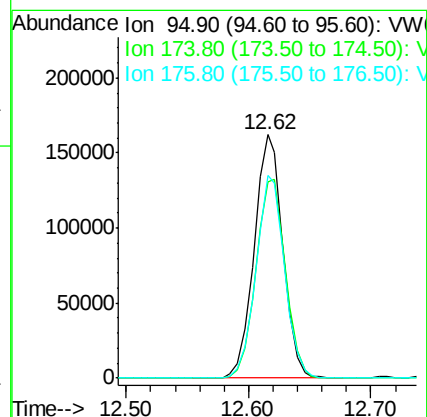
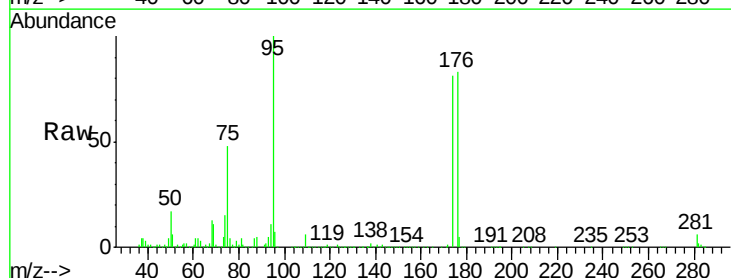
Tgt Ion: 95 Resp: 264143

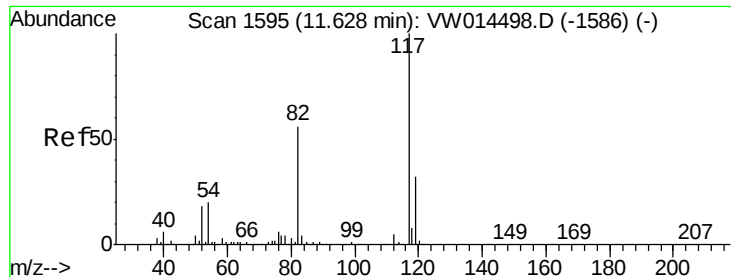
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.6

176 82.8 0.0 162.0

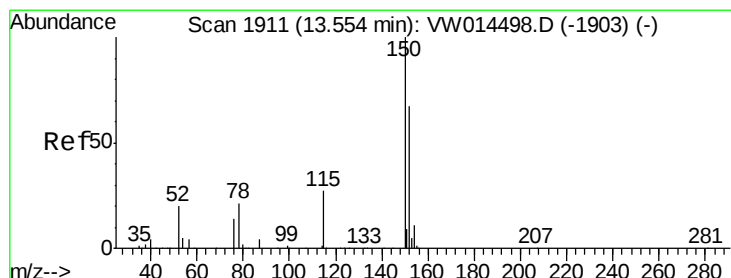
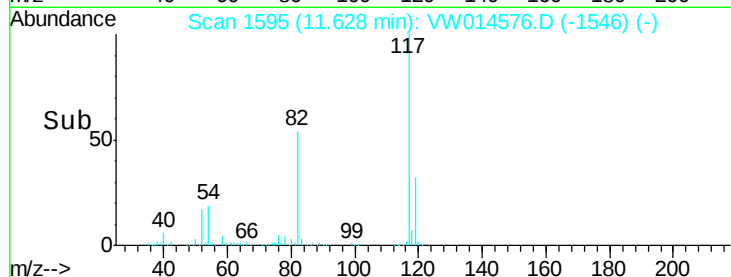
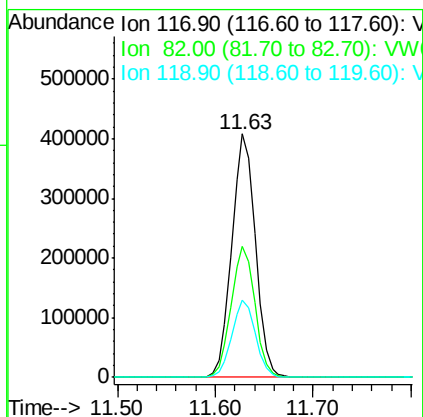
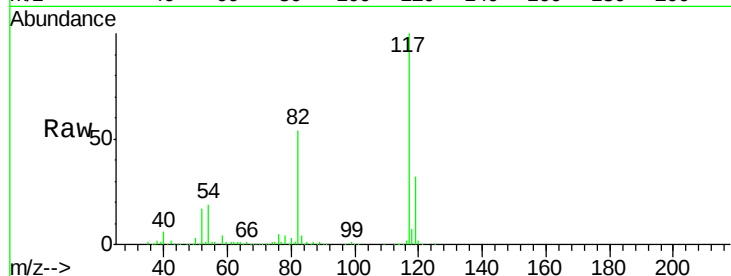




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014576.D
Acq: 09 Jan 2020 12:32

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MSVOA_W
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WP022SB446_200106_35-36RE

Tot Ion:117 Resp: 682069
Ion Ratio Lower Upper
117 100
82 54.0 44.6 67.0
119 32.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014576.D
Acq: 09 Jan 2020 12:32

Tgt Ion:152 Resp: 210264
Ion Ratio Lower Upper
152 100
115 54.1 27.7 83.1
150 151.3 0.0 343.4

