

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW010820\
 Data File : VW014563.D
 Acq On : 08 Jan 2020 16:49
 Operator : SY/VA
 Sample : L1056-04
 Misc : 6.82G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_28-30

Quant Time: Jan 10 03:25:35 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

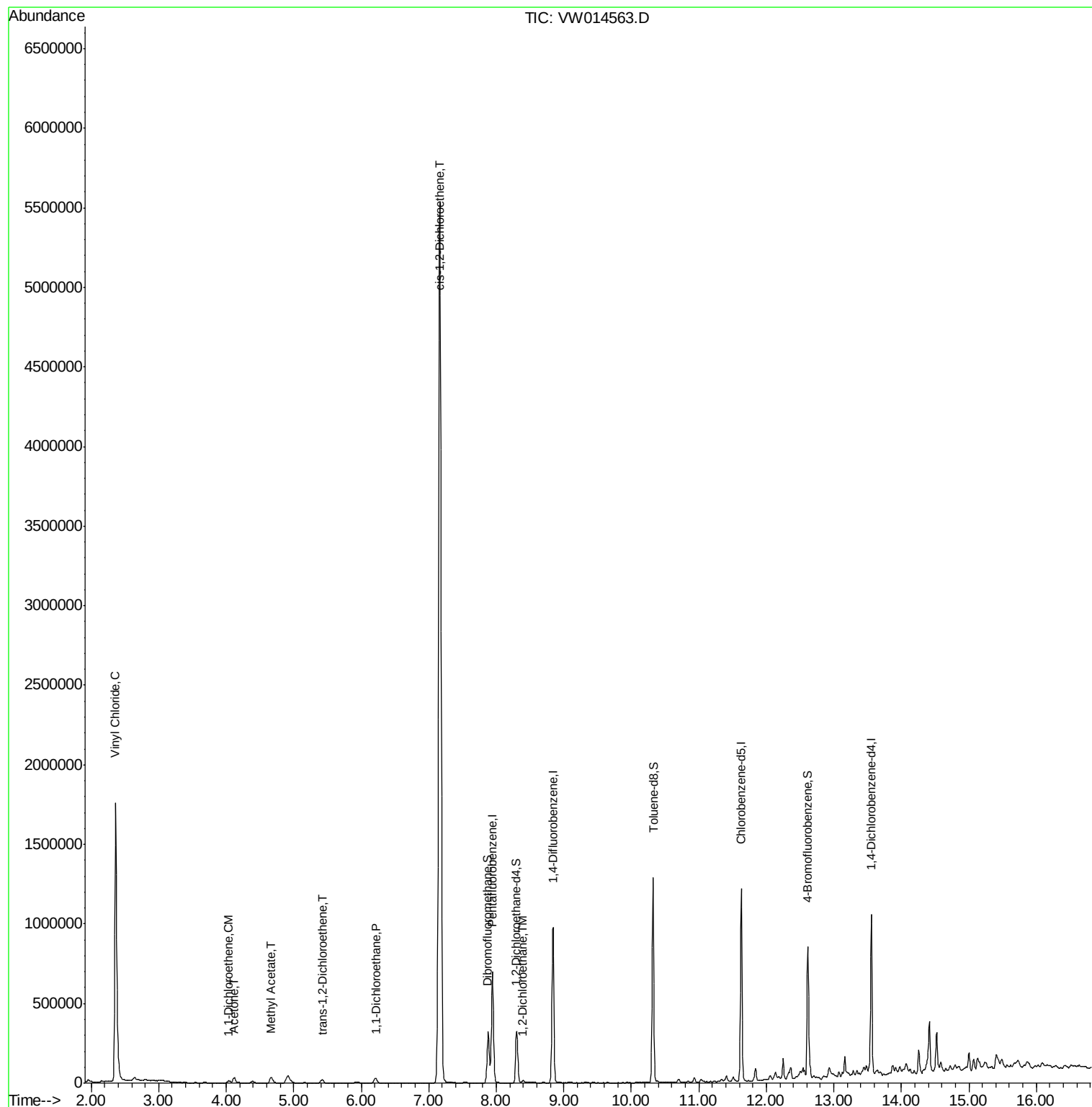
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	568168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	877392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	697031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	279283	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	250742	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.88	113	236017	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	10.32	98	874180	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	
62) 4-Bromofluorobenzene	12.62	95	272599	38.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.80%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.36	62	2307143	399.473	ug/l	98
12) 1,1-Dichloroethene	4.04	96	9863	1.744	ug/l	92
16) Acetone	4.12	43	59932	42.727	ug/l	97
18) Methyl Acetate	4.67	43	69221	20.433	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	12218	2.035	ug/l	90
24) 1,1-Dichloroethane	6.21	63	43140	4.229	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	3509455	556.313	ug/l	93
42) 1,2-Dichloroethane	8.39	62	11245	1.811	ug/l	92

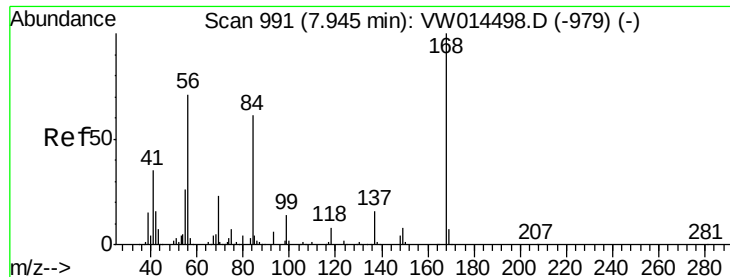
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW014563.D

Acq: 08 Jan 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

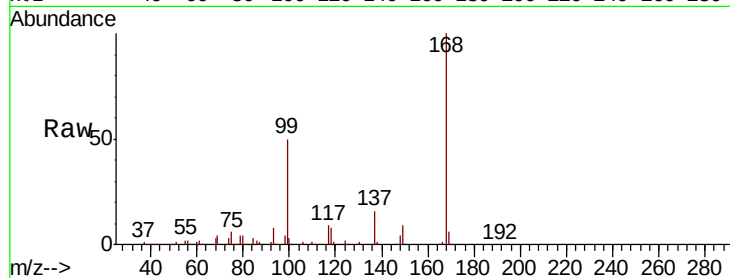
WP022SB449_200107_28-30

Tot Ion:168 Resp: 568168

Ion Ratio Lower Upper

168 100

99 49.8 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

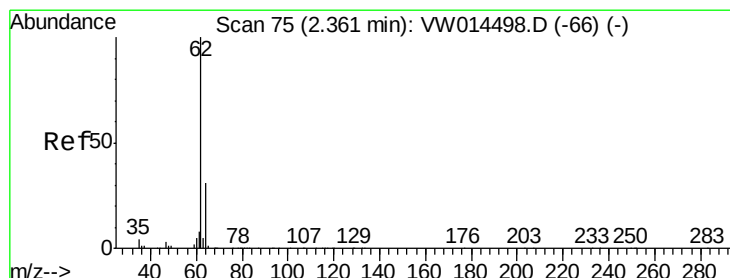
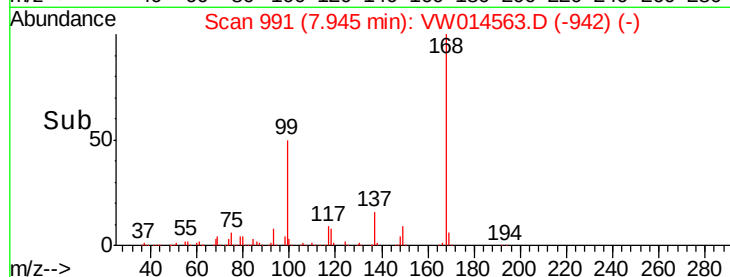
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#4

Vinyl Chloride

Concen: 399.473 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014563.D

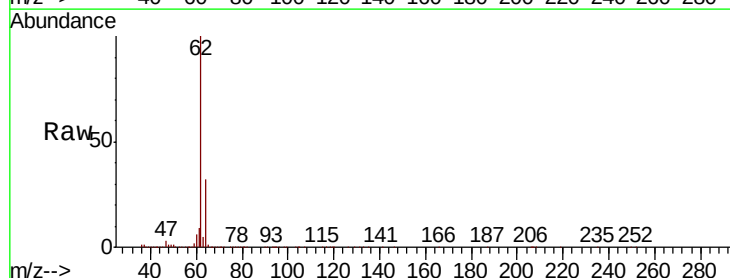
Acq: 08 Jan 2020 16:49

Tgt Ion: 62 Resp: 2307143

Ion Ratio Lower Upper

62 100

64 32.3 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

1200000

1000000

800000

600000

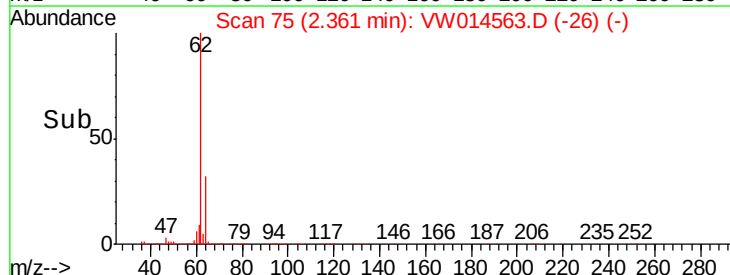
400000

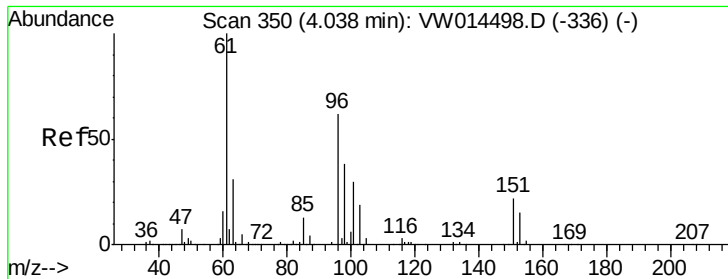
200000

0

2.20 2.30 2.40 2.50 2.60

Time-->





#12

1,1-Dichloroethene

Concen: 1.744 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014563.D

Acq: 08 Jan 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_28-30

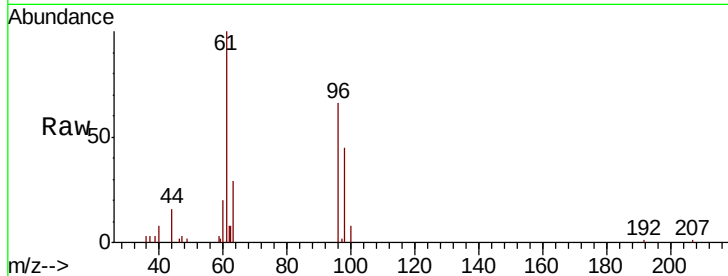
Tot Ion: 96 Resp: 9863

Ion Ratio Lower Upper

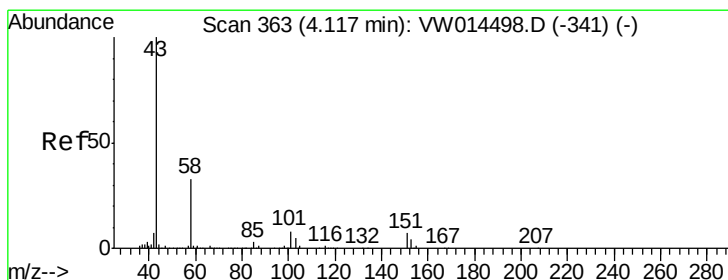
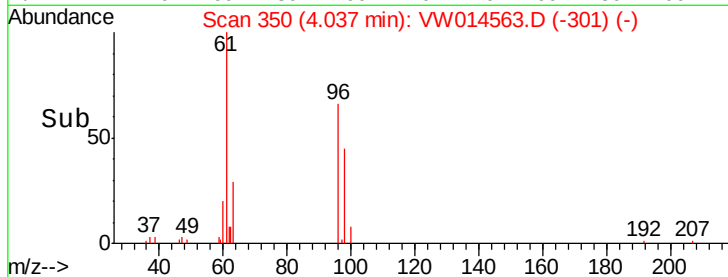
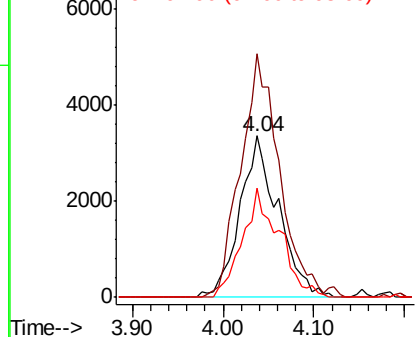
96 100

61 150.7 128.4 192.6

98 67.4 49.1 73.7



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#16

Acetone

Concen: 42.727 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014563.D

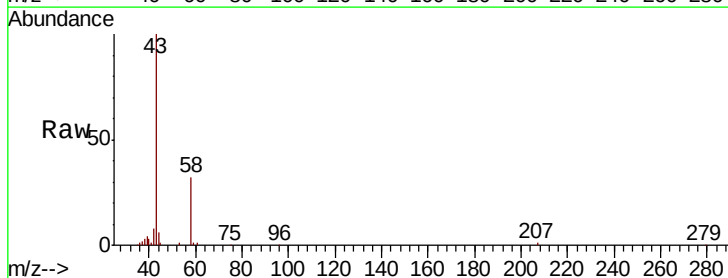
Acq: 08 Jan 2020 16:49

Tgt Ion: 43 Resp: 59932

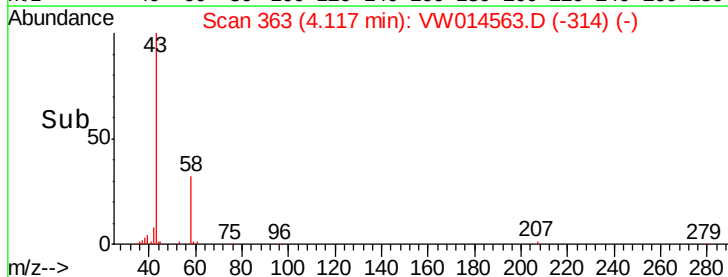
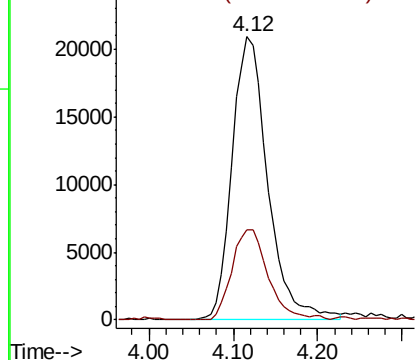
Ion Ratio Lower Upper

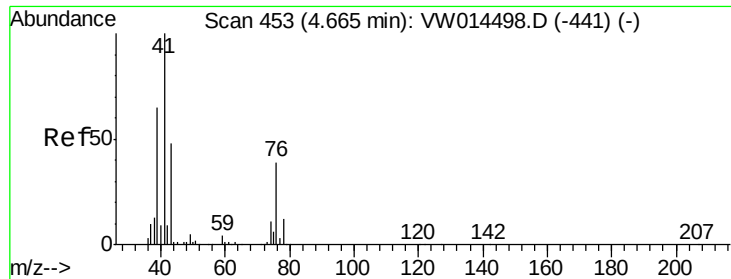
43 100

58 31.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

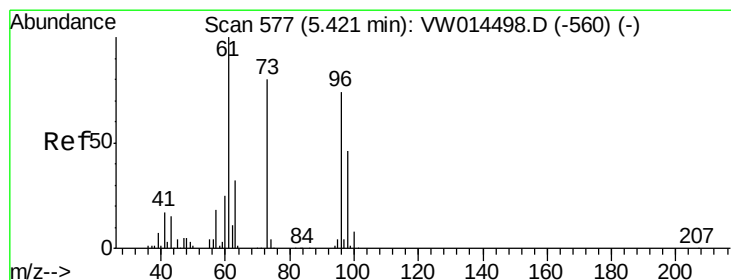
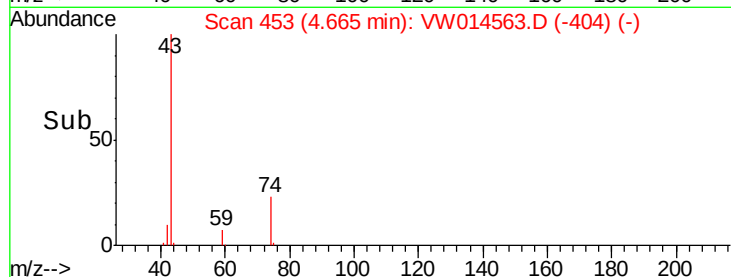
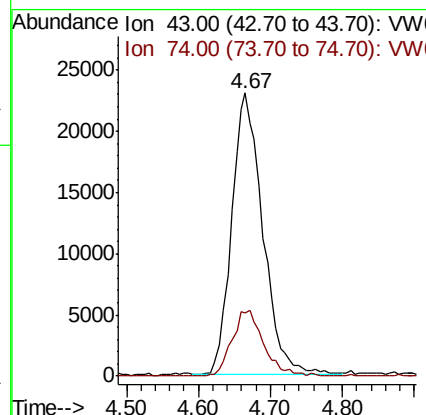
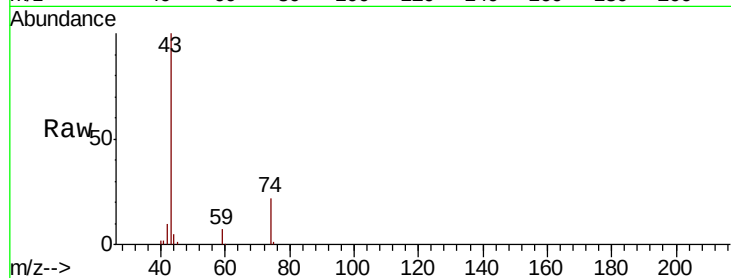




#18
Methvl Acetate
Concen: 20.433 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014563.D
Acq: 08 Jan 2020 16:49

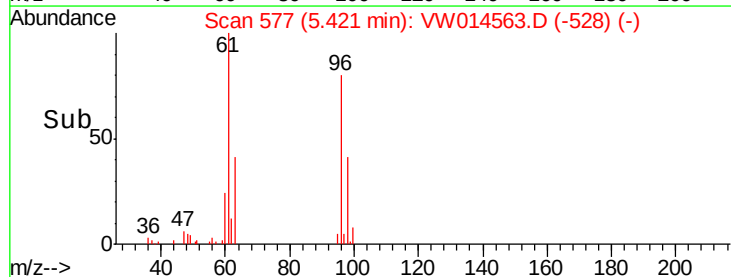
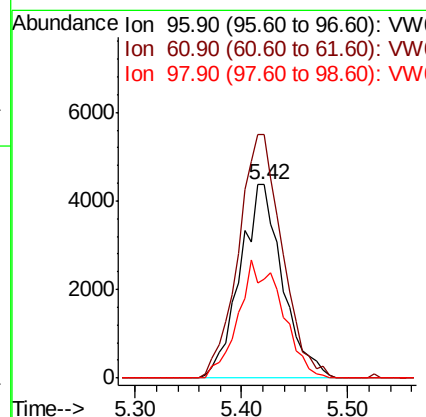
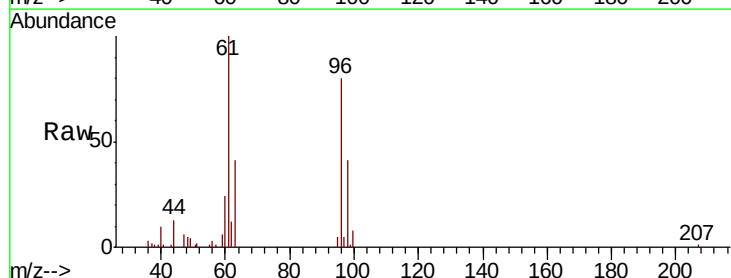
Instrument :
MSVOA_W
ClientSampleId :
WP022SB449_200107_28-30

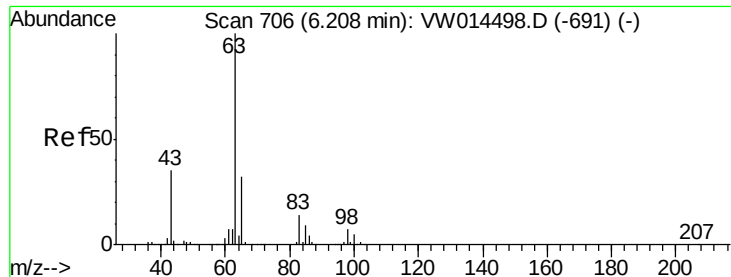
Tot Ion: 43 Resp: 69221
Ion Ratio Lower Upper
43 100
74 23.5 19.3 28.9



#21
trans-1,2-Dichloroethene
Concen: 2.035 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014563.D
Acq: 08 Jan 2020 16:49

Tgt Ion: 96 Resp: 12218
Ion Ratio Lower Upper
96 100
61 125.8 107.8 161.6
98 51.0 49.4 74.0





#24

1,1-Dichloroethane

Concen: 4.229 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014563.D

Acq: 08 Jan 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

WP022SB449_200107_28-30

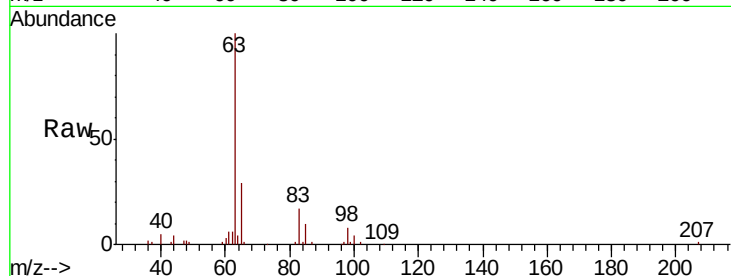
Tot Ion: 63 Resp: 43140

Ion Ratio Lower Upper

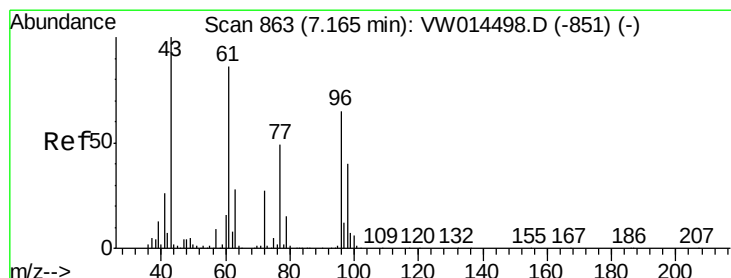
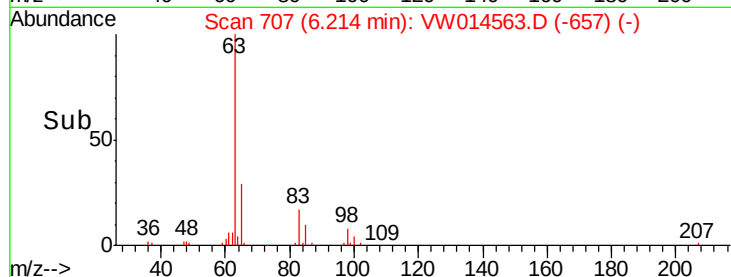
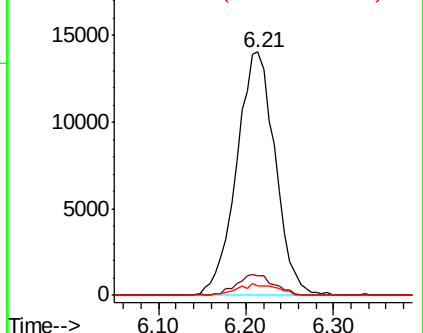
63 100

98 8.1 3.5 10.4

100 4.0 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#27

cis-1,2-Dichloroethene

Concen: 556.313 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014563.D

Acq: 08 Jan 2020 16:49

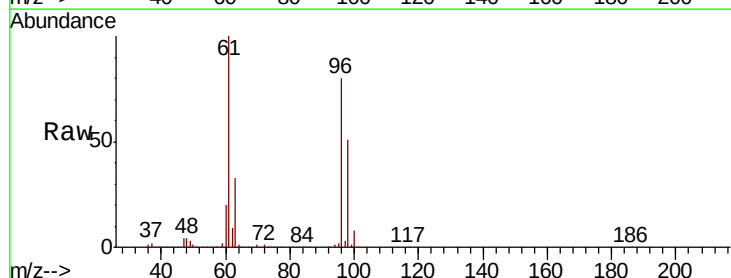
Tgt Ion: 96 Resp: 3509455

Ion Ratio Lower Upper

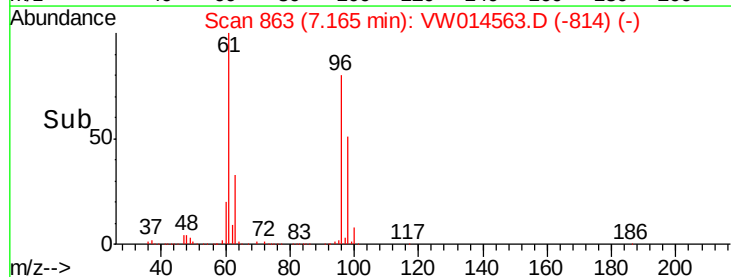
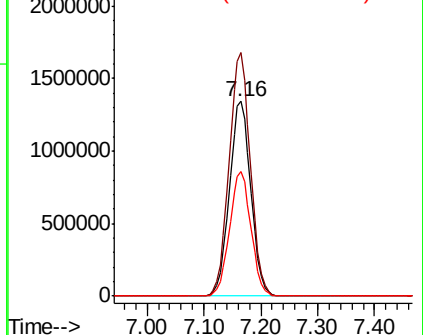
96 100

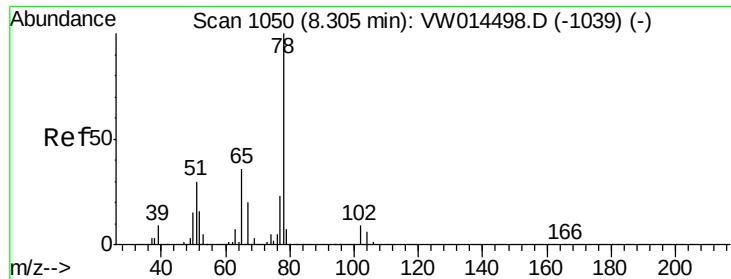
61 124.6 0.0 274.8

98 64.0 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW

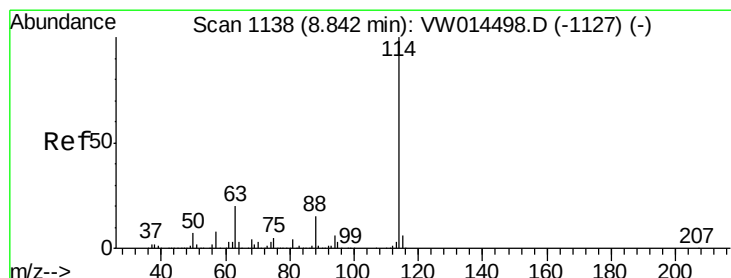
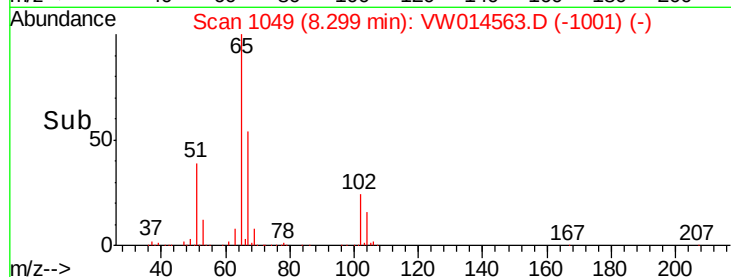
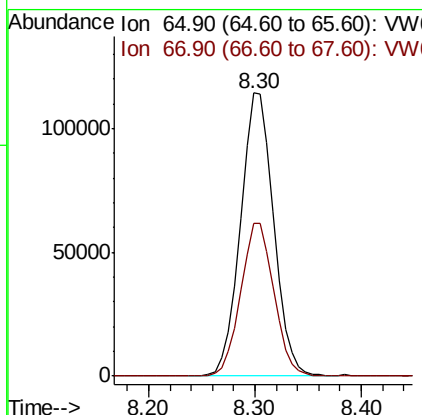
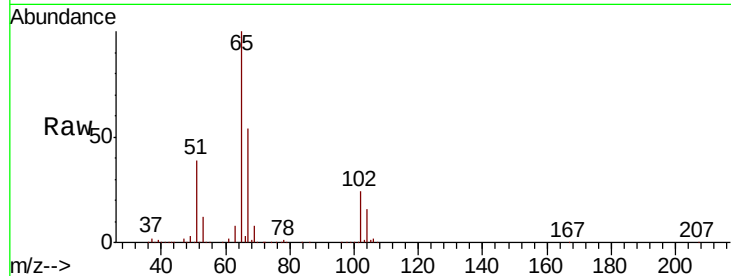




#33
 1,2-Dichloroethane-d4
 Concen: 50.476 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014563.D
 Acq: 08 Jan 2020 16:49

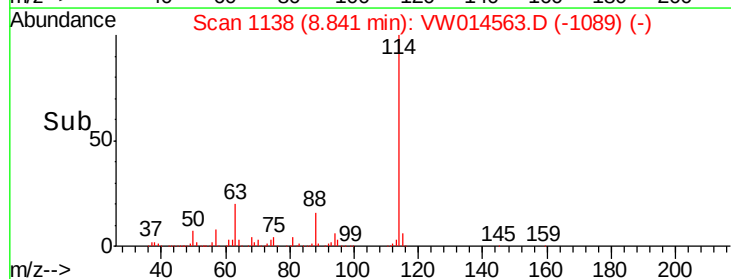
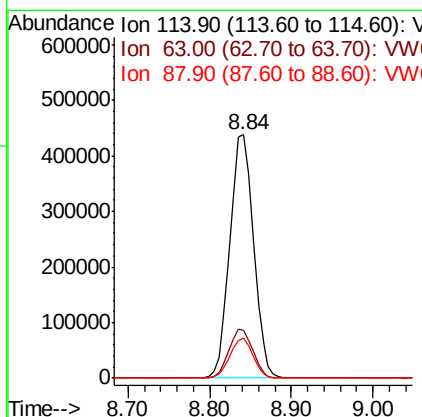
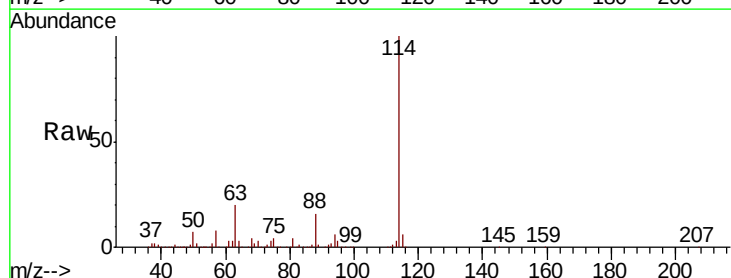
Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_28-30

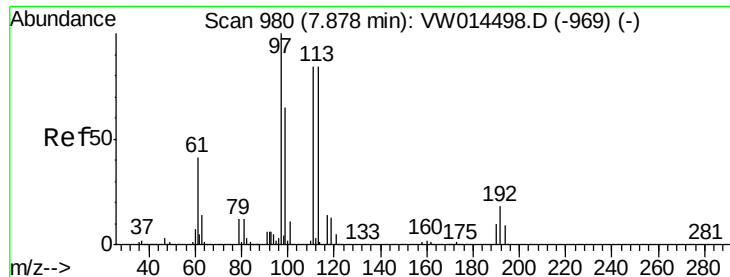
Tot Ion: 65 Resp: 250742
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014563.D
 Acq: 08 Jan 2020 16:49

Tgt Ion: 114 Resp: 877392
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.4
 88 16.2 0.0 30.6

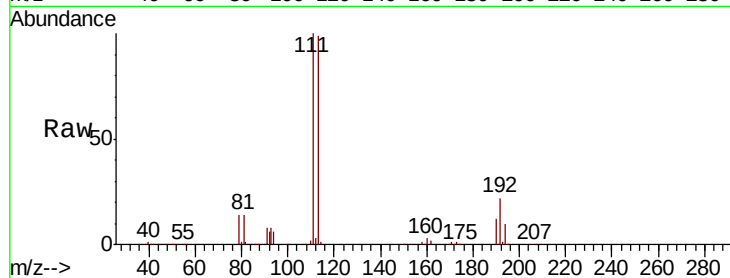




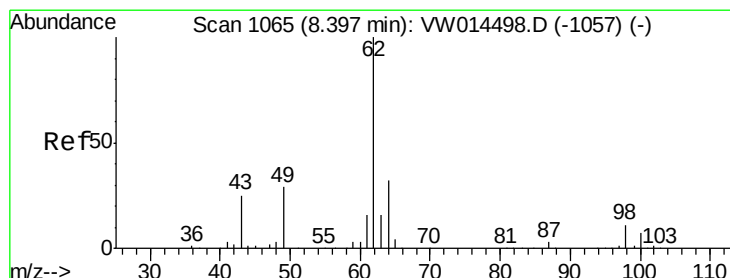
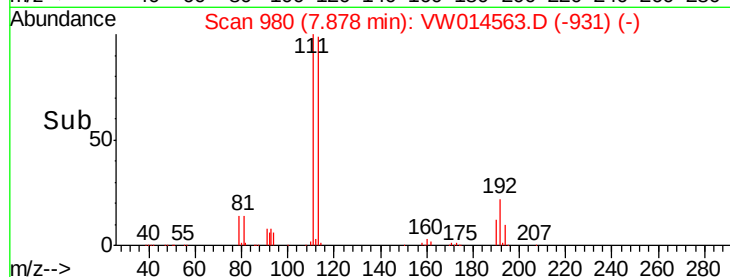
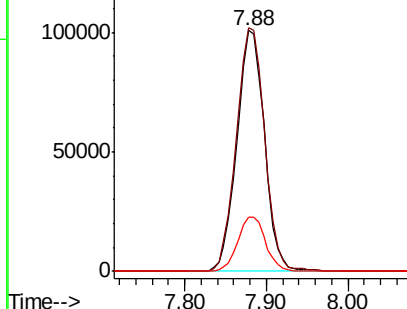
#35
 Dibromofluoromethane
 Concen: 47.067 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014563.D
 Acq: 08 Jan 2020 16:49

Instrument :
 MSVOA_W
 ClientSampleId :
 WP022SB449_200107_28-30

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.2
192	22.8	17.8	26.8

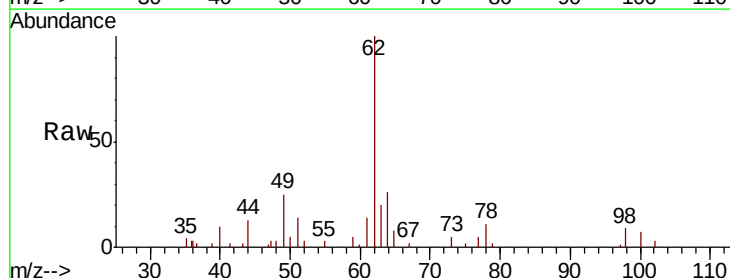


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

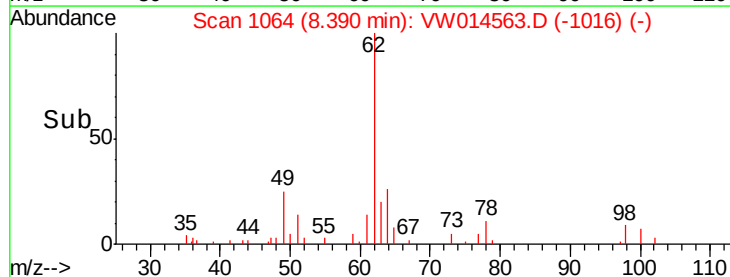
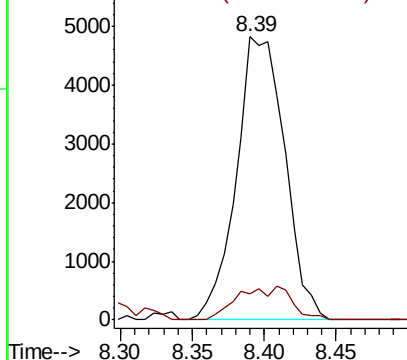


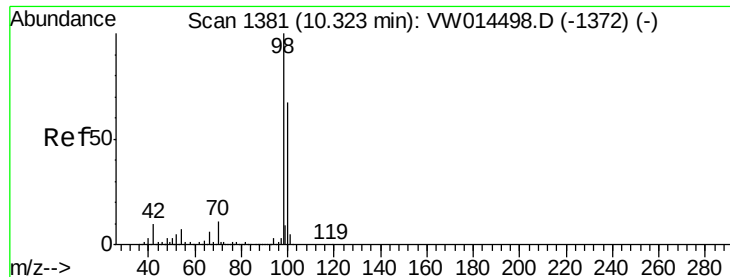
#42
 1,2-Dichloroethane
 Concen: 1.811 ug/l
 RT: 8.39 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: VW014563.D
 Acq: 08 Jan 2020 16:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	22.0



Abundance Ion 61.90 (61.60 to 62.60): VW
 Ion 97.90 (97.60 to 98.60): VW





#50

Toluene-d8

Concen: 41.774 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014563.D

Acq: 08 Jan 2020 16:49

Instrument :

MSVOA_W

ClientSampleId :

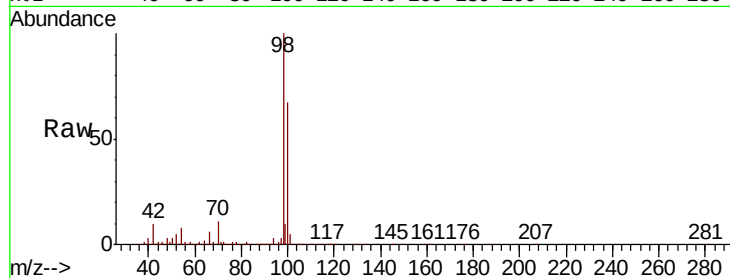
WP022SB449_200107_28-30

Tot Ion: 98 Resp: 874180

Ion Ratio Lower Upper

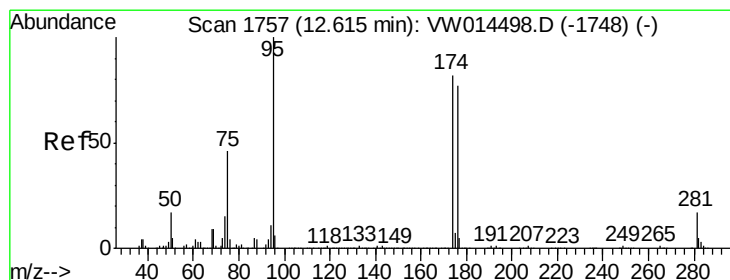
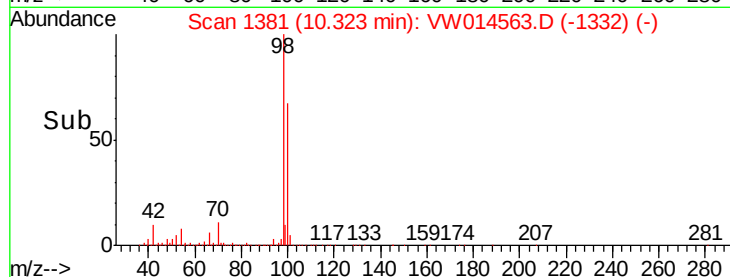
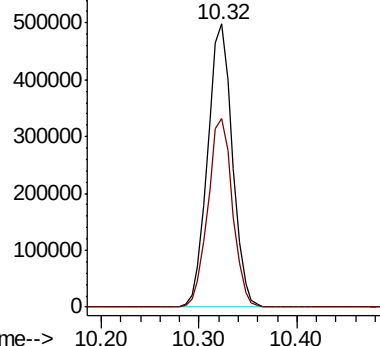
98 100

100 66.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.405 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014563.D

Acq: 08 Jan 2020 16:49

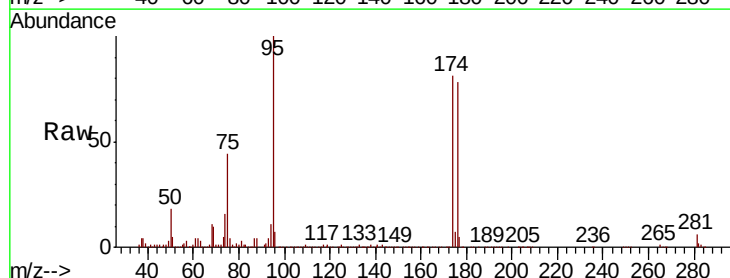
Tgt Ion: 95 Resp: 272599

Ion Ratio Lower Upper

95 100

174 85.3 0.0 168.6

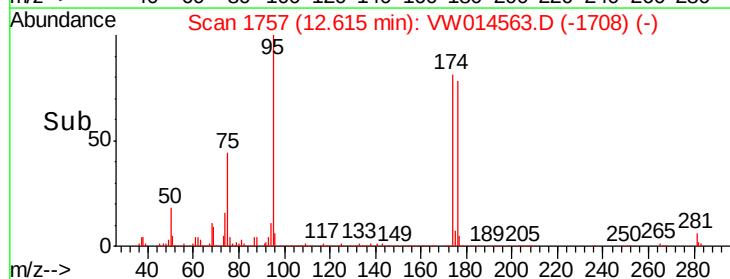
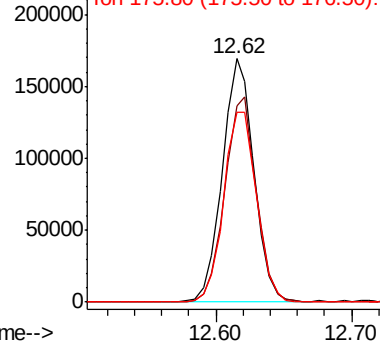
176 82.6 0.0 162.0

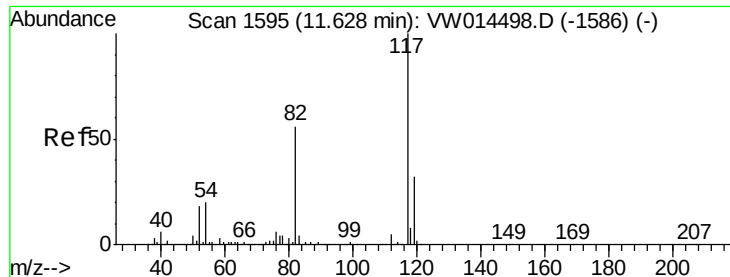


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

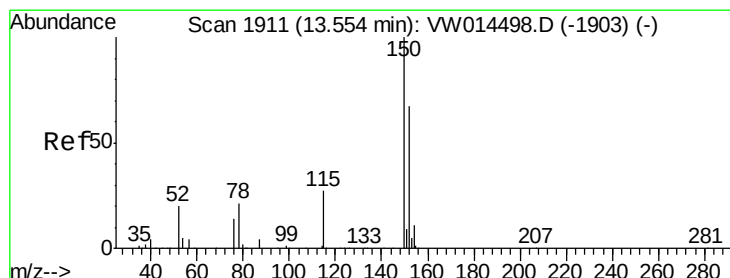
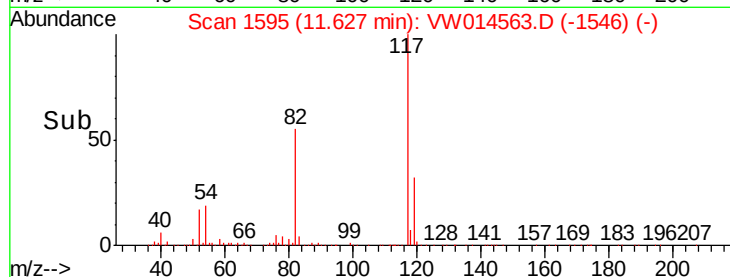
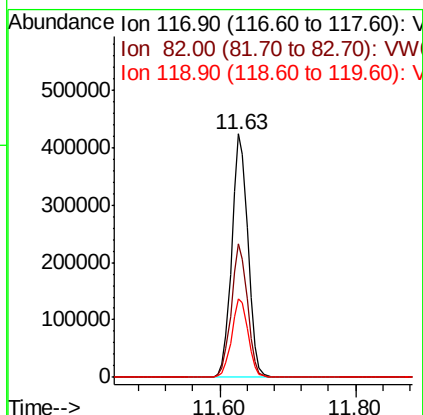
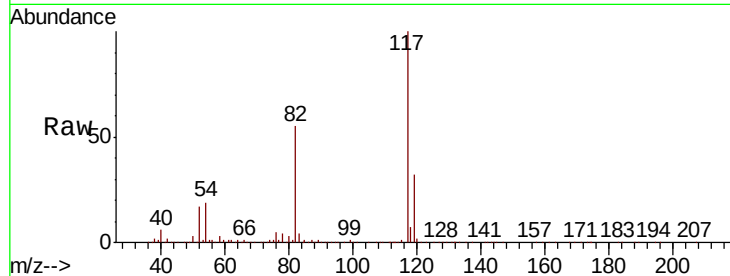




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014563.D
Acq: 08 Jan 2020 16:49

Instrument :
MSVOA_W
ClientSampleId :
WP022SB449_200107_28-30

Tot Ion:117 Resp: 697031
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014563.D
Acq: 08 Jan 2020 16:49

Tgt Ion:152 Resp: 279283
Ion Ratio Lower Upper
152 100
115 54.7 27.7 83.1
150 156.9 0.0 343.4

