

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010510.D
 Acq On : 22 May 2019 15:09
 Operator : SY/VA
 Sample : K3004-01
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26835

Quant Time: May 23 06:57:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

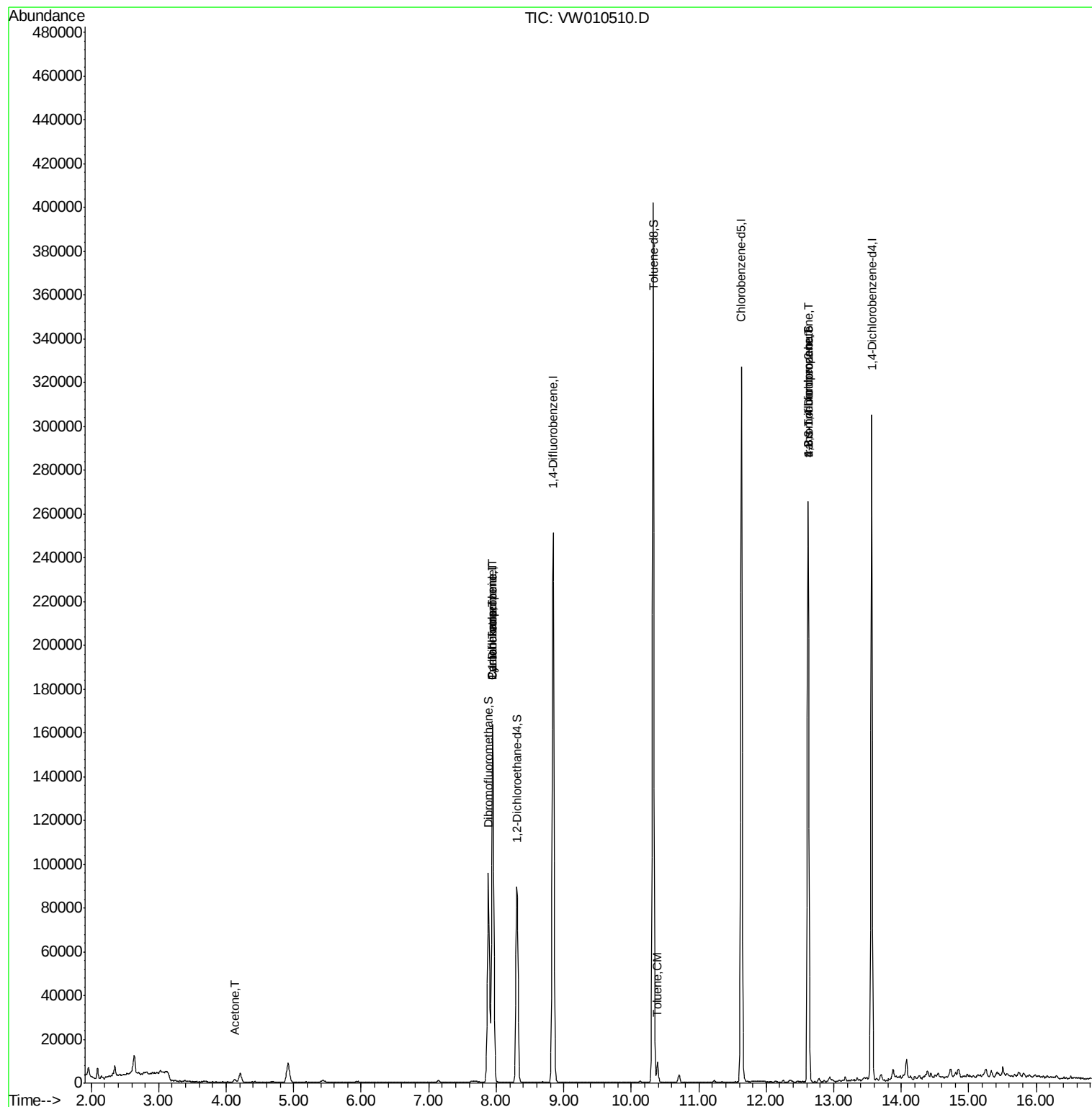
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	223833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70532	56.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.74%	
35) Dibromofluoromethane	7.88	113	68966	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	10.32	98	272196	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.62	95	97292	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
Target Compounds						
16) Acetone	4.13	43	2214	8.669	ug/l	89
20) Methylene Chloride	4.92	84	7140	Below Cal	#	94
31) Cyclohexane	7.95	56	2458	1.035	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	9506	4.559	ug/l #	48
38) Carbon Tetrachloride	7.95	117	13166	5.853	ug/l #	15
52) Toluene	10.39	92	4330	1.113	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	45585	57.812	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	45585	120.656	ug/l #	14

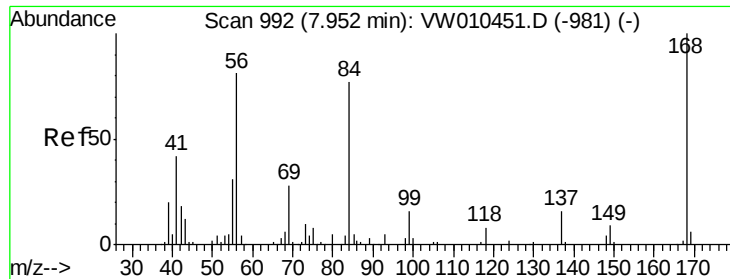
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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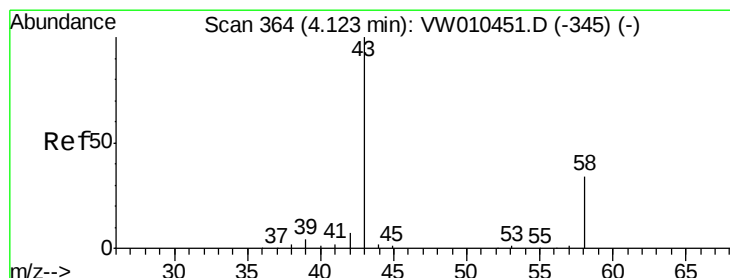
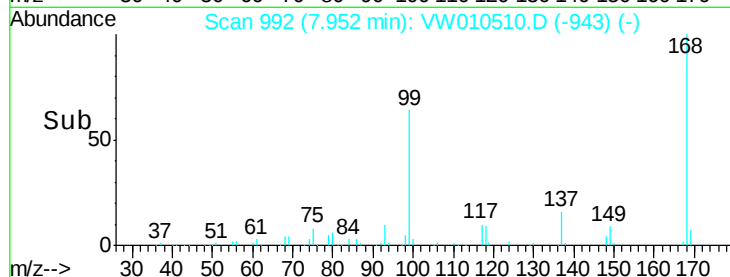
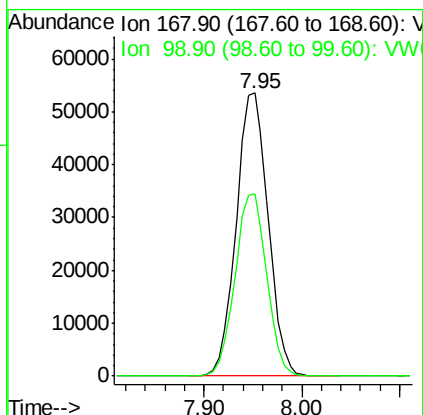
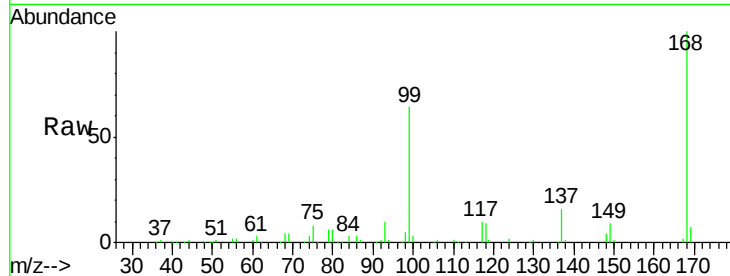




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

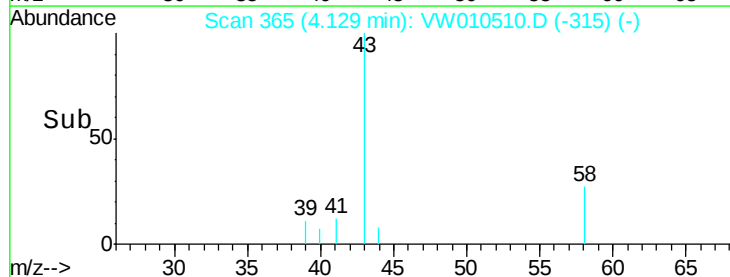
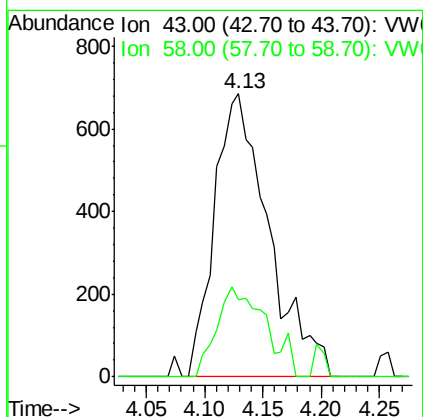
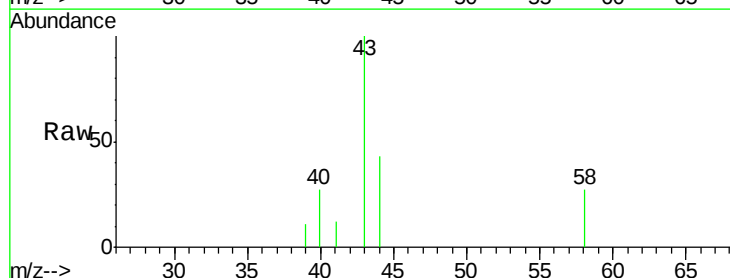
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26835

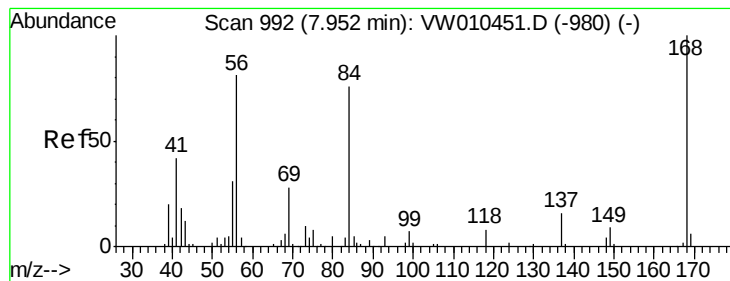
Tot Ion:168 Resp: 121216
Ion Ratio Lower Upper
168 100
99 64.4 46.1 69.1



#16
Acetone
Concen: 8.669 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
58 27.2 27.0 40.4





#31

Cyclohexane

Concen: 1.035 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010510.D

Acq: 22 May 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

CHRT-26835

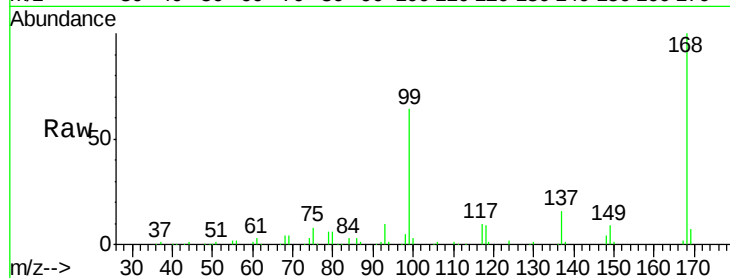
Tot Ion: 56 Resp: 2458

Ion Ratio Lower Upper

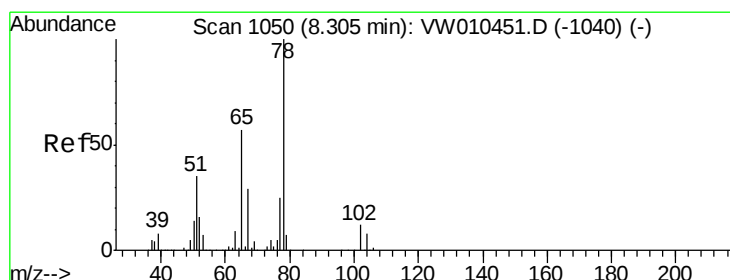
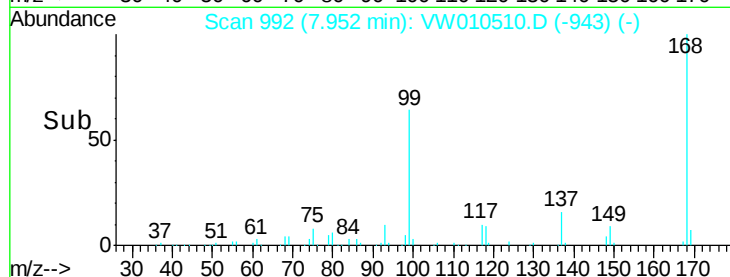
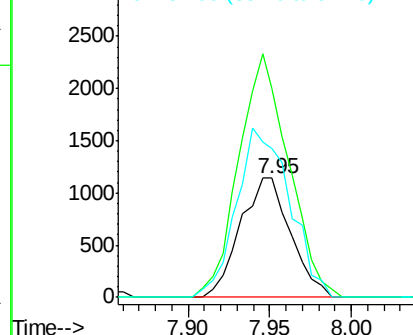
56 100

69 175.3 28.2 42.2#

84 124.7 75.8 113.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 56.373 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010510.D

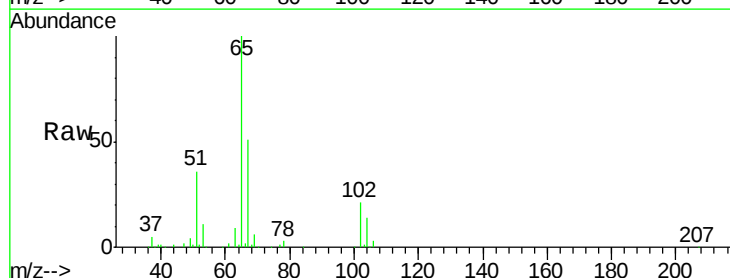
Acq: 22 May 2019 15:09

Tgt Ion: 65 Resp: 70532

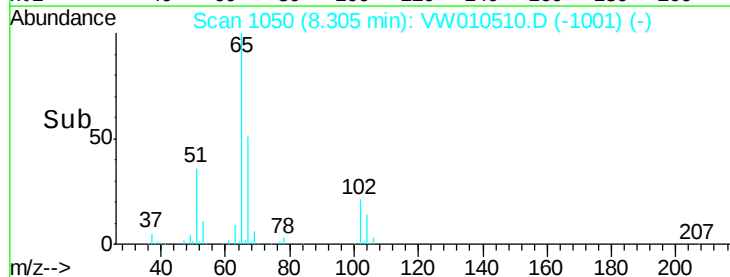
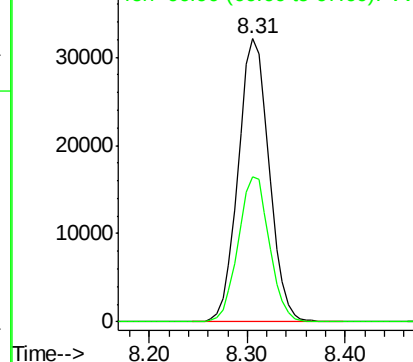
Ion Ratio Lower Upper

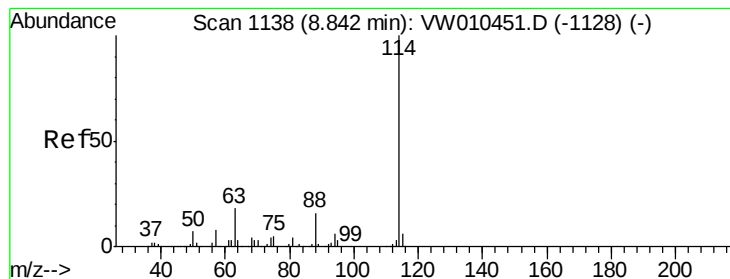
65 100

67 51.6 0.0 103.6



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: VW010510.D

Acq: 22 May 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

CHRT-26835

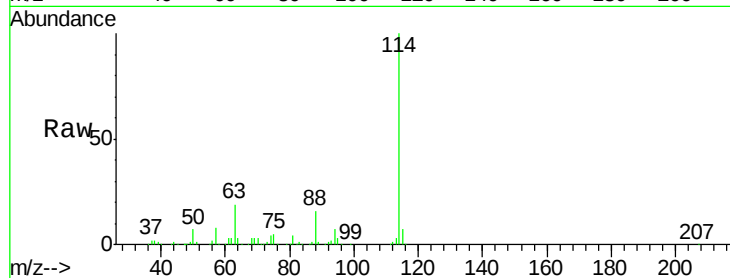
Tot Ion:114 Resp: 223833

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.0

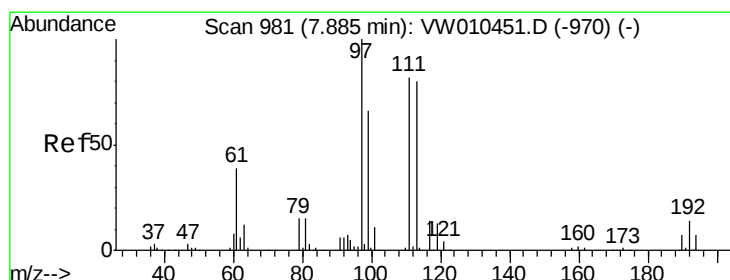
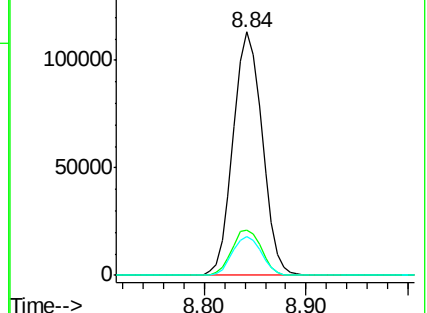
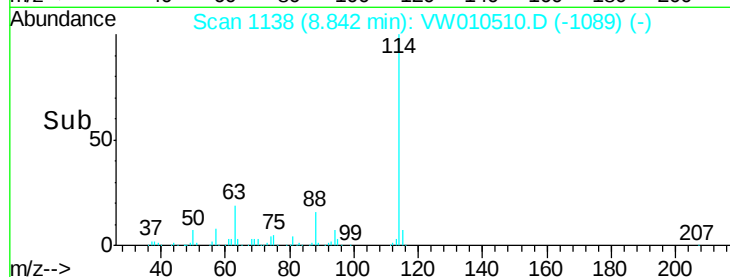
88 15.8 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 50.778 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010510.D

Acq: 22 May 2019 15:09

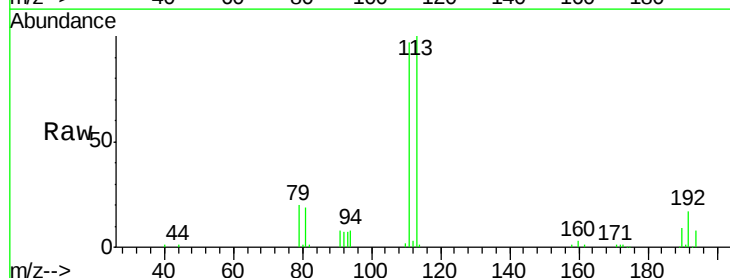
Tgt Ion:113 Resp: 68966

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

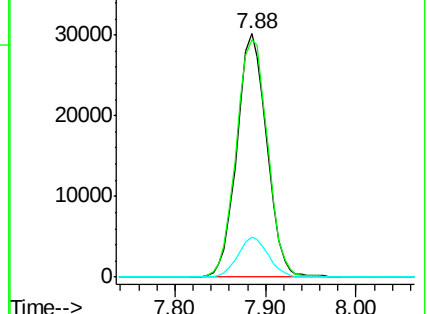
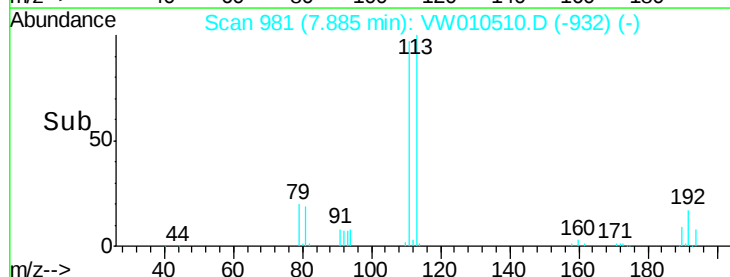
192 16.6 14.3 21.5

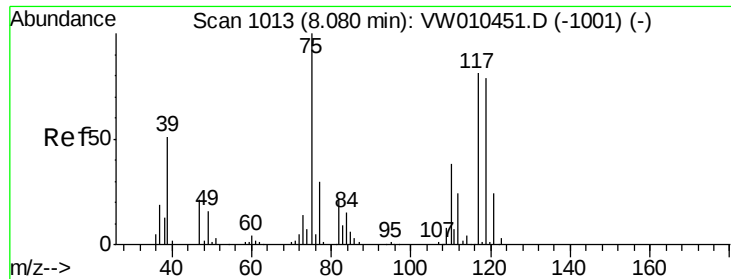


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

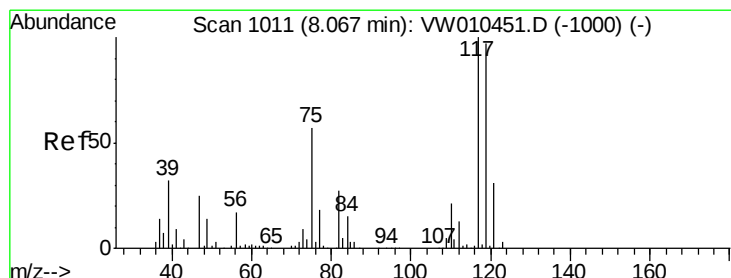
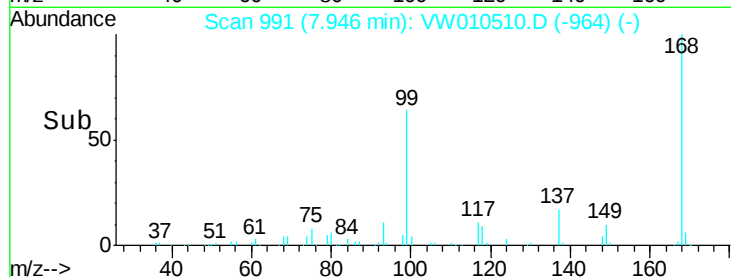
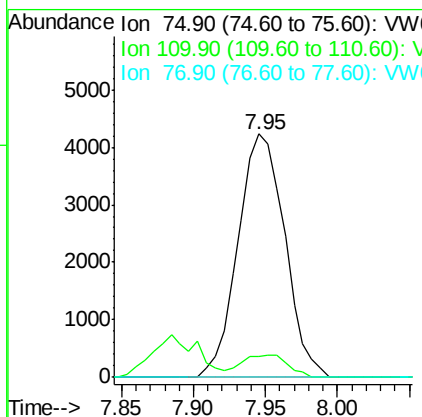
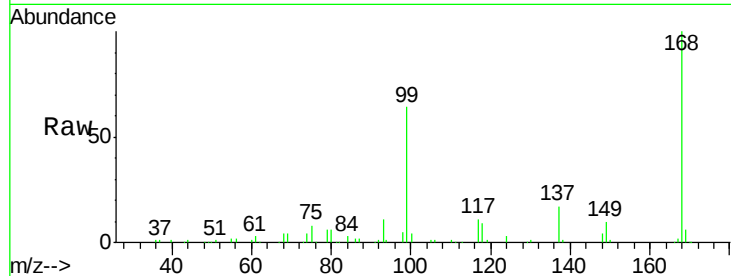




#36
 1,1-Dichloropropene
 Concen: 4.559 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010510.D
 Acq: 22 May 2019 15:09

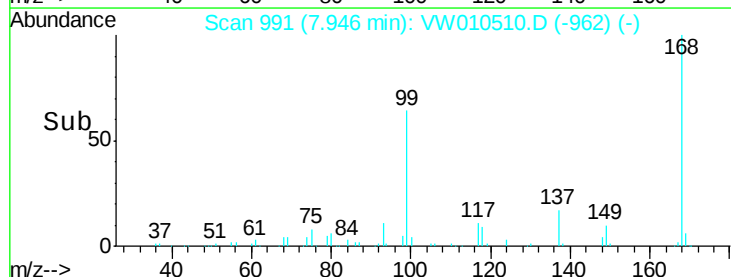
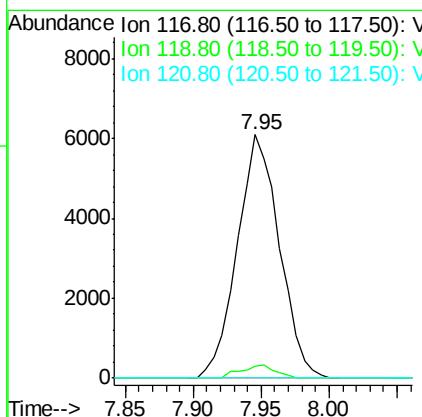
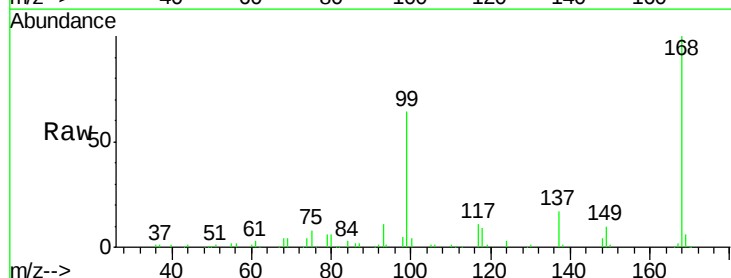
Instrument :
 MSVOA_W
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 CHRT-26835

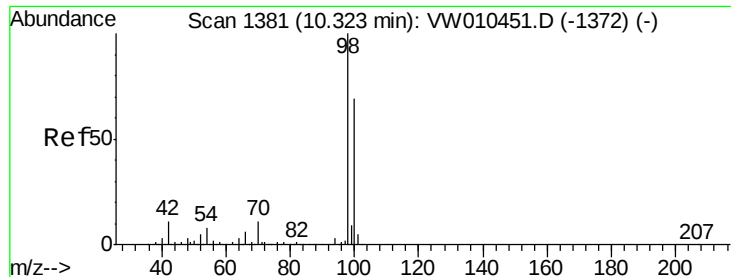
Tot Ion: 75 Resp: 9506
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.853 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010510.D
 Acq: 22 May 2019 15:09

Tgt Ion: 117 Resp: 13166
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.4 116.0#
 121 0.0 25.0 37.6#

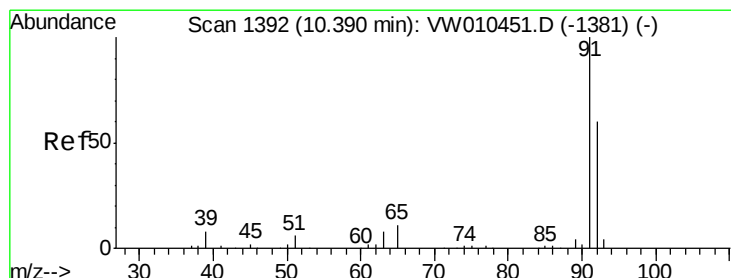
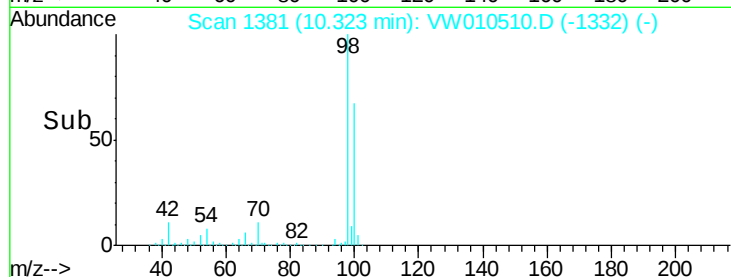
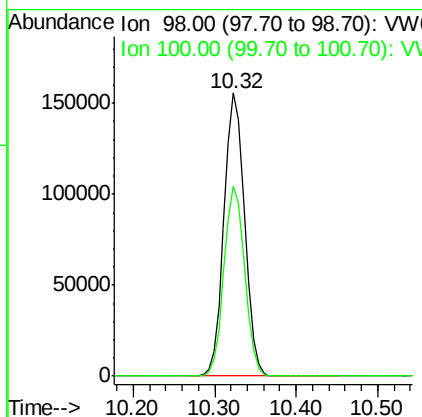
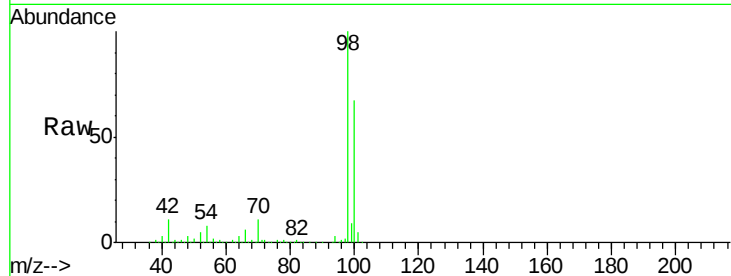




#50
Toluene-d8
Concen: 52.461 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

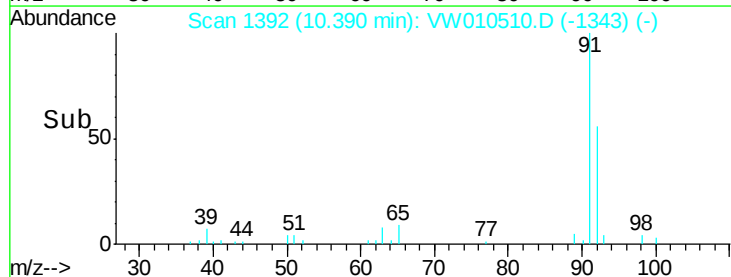
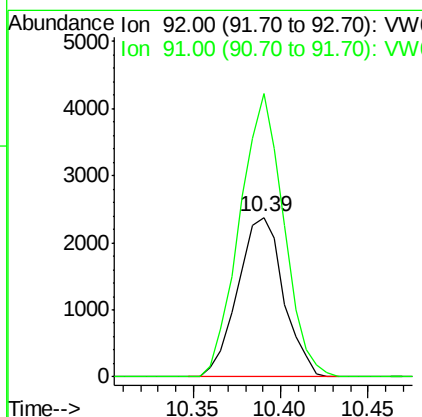
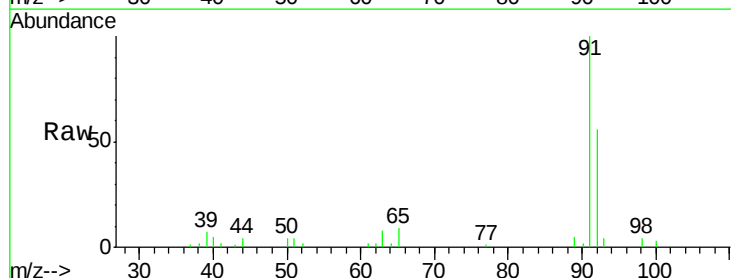
Instrument :
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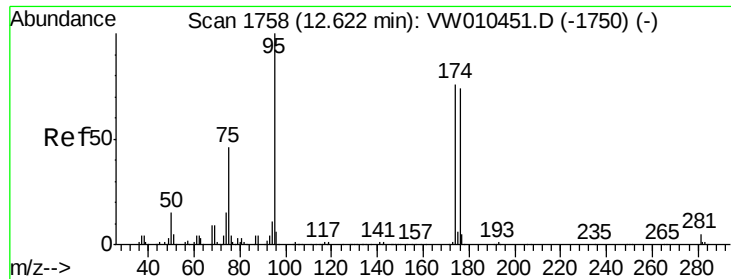
Tot Ion: 98 Resp: 272196
Ion Ratio Lower Upper
98 100
100 67.3 53.7 80.5



#52
Toluene
Concen: 1.113 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

Tgt Ion: 92 Resp: 4330
Ion Ratio Lower Upper
92 100
91 170.5 135.4 203.0

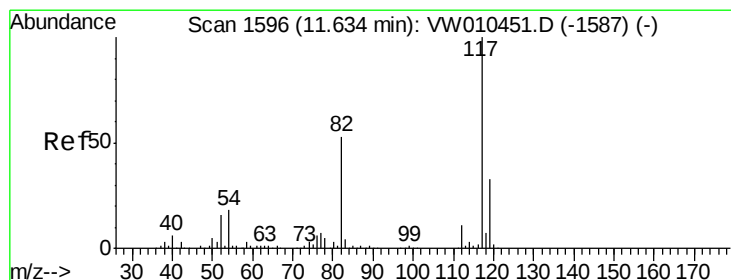
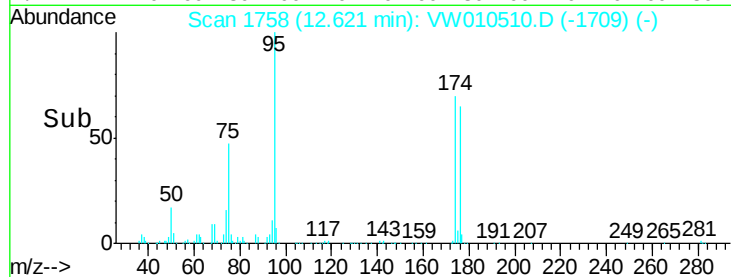
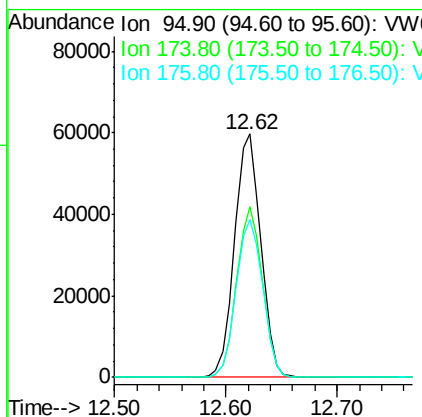
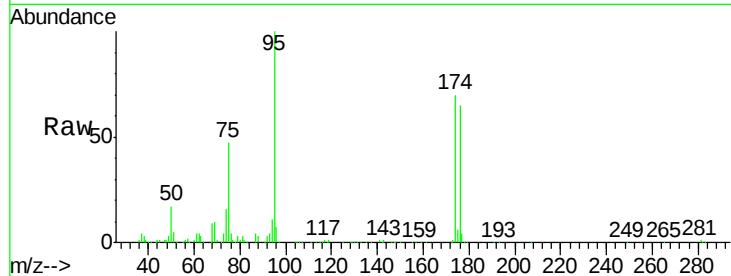




#62
4-Bromofluorobenzene
Concen: 47.077 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

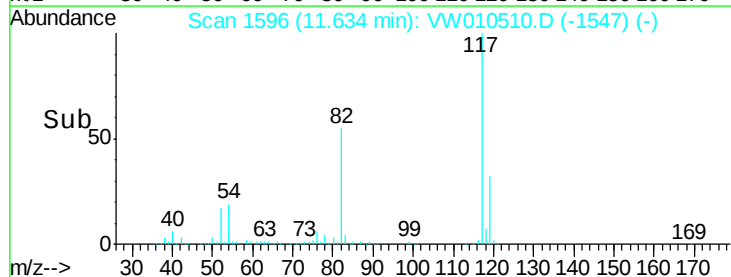
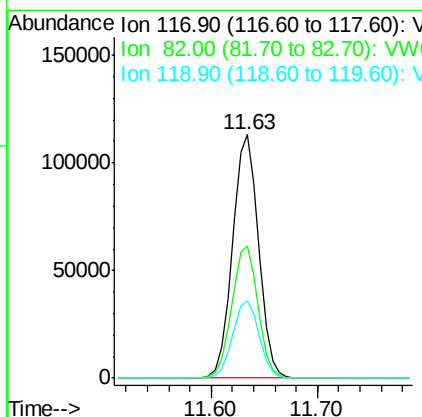
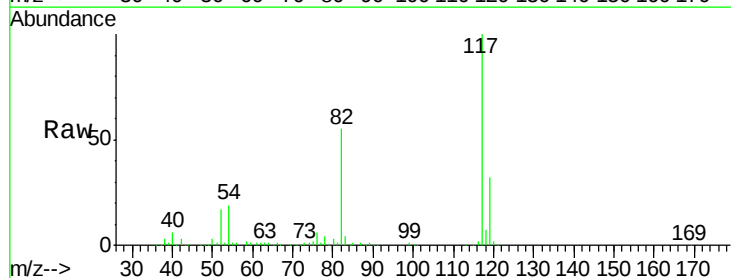
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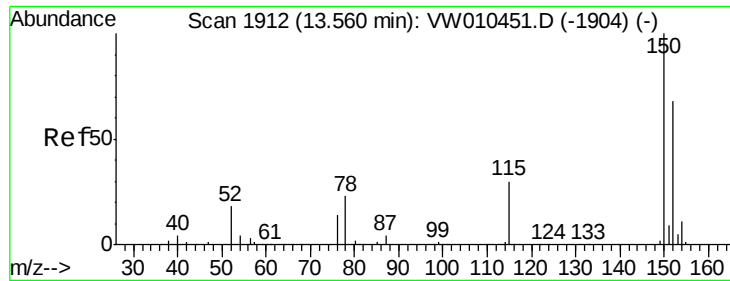
Tot Ion	95	Resp	97292
Ion Ratio	Lower	Upper	
95	100		
174	68.9	0.0	148.6
176	65.8	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

Tgt Ion	117	Resp	193443
Ion Ratio	Lower	Upper	
117	100		
82	54.5	42.8	64.2
119	31.6	26.3	39.5



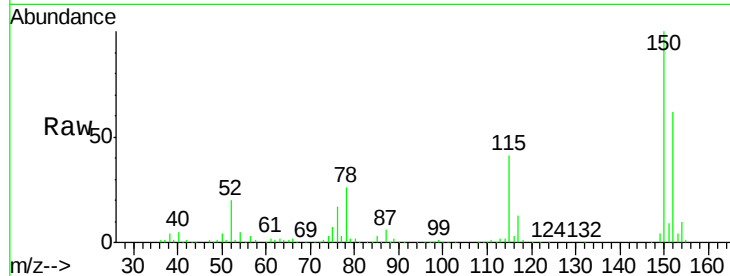


#72

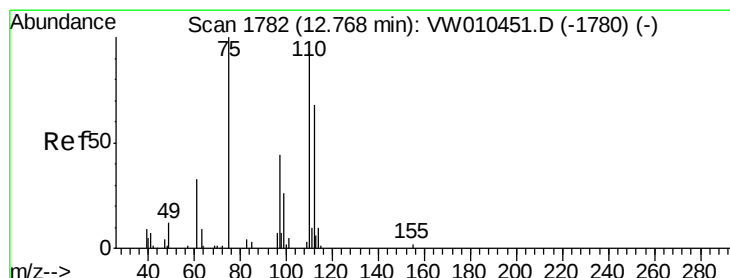
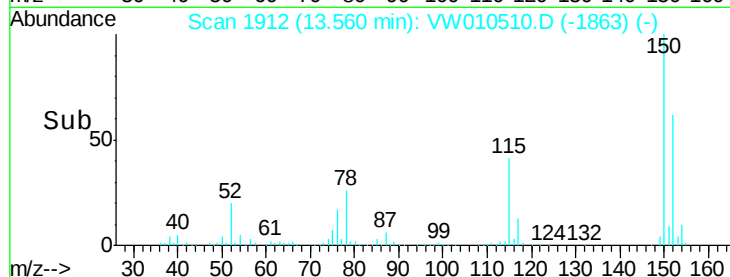
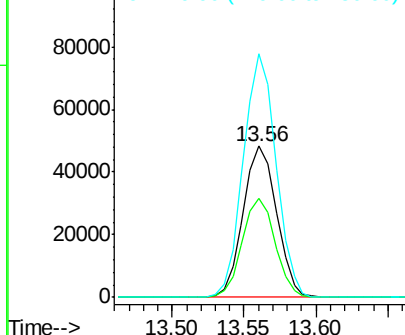
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

Instrument :
MSVOA_W
ClientSampled :
CHRT-26835

Tot Ion:152 Resp: 77680
Ion Ratio Lower Upper
152 100
115 64.5 30.3 91.0
150 157.3 0.0 349.8



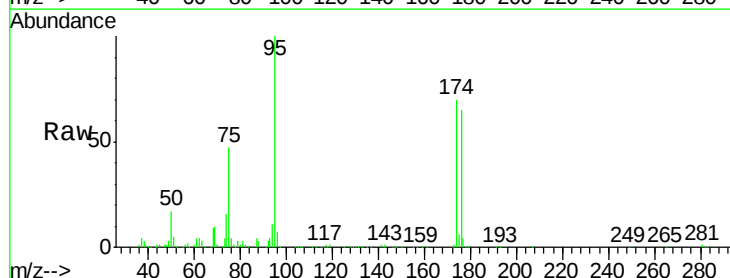
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



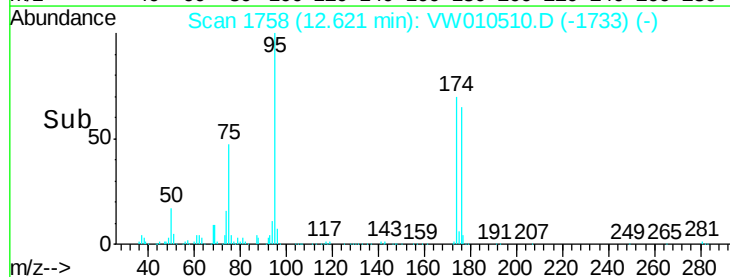
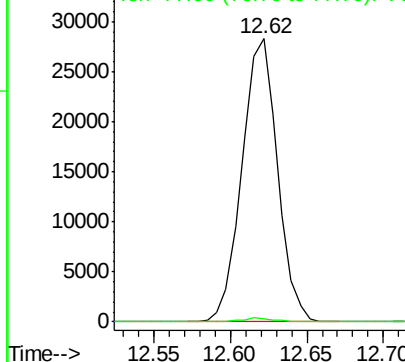
#76

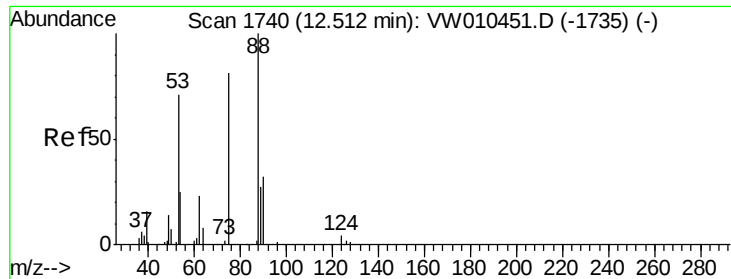
1,2,3-Trichloropropane
Concen: 57.812 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010510.D
Acq: 22 May 2019 15:09

Tgt Ion: 75 Resp: 45585
Ion Ratio Lower Upper
75 100
77 1.2 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 120.656 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010510.D

Acq: 22 May 2019 15:09

Instrument :

MSVOA_W

ClientSampleId :

CHRT-26835

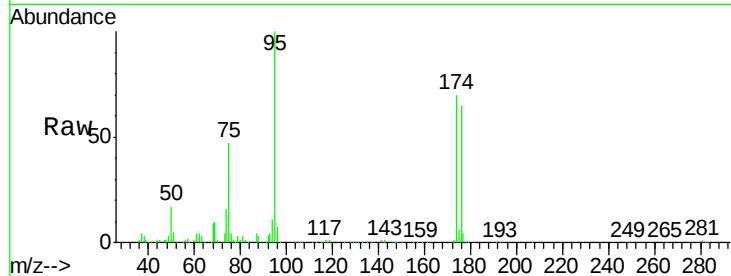
Tot Ion: 75 Resp: 45585

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

