

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015241.D
 Acq On : 20 Apr 2020 23:03
 Operator : SY/VA
 Sample : L2350-05
 Misc : 7.13G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-D2

Quant Time: Apr 21 06:59:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

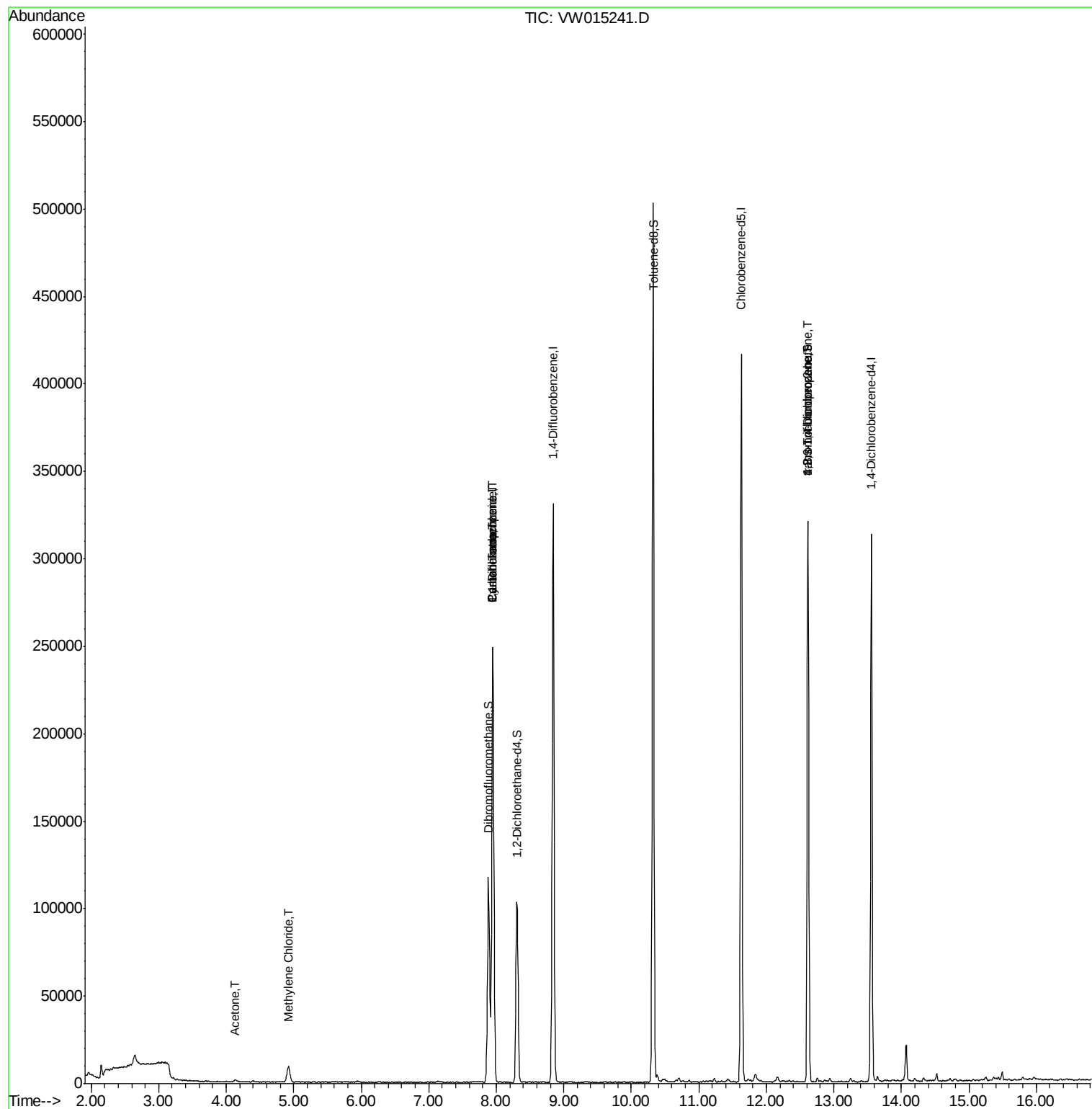
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	81918	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	7.88	113	82800	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	344419	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.62	95	104191	40.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	2473	8.497	ug/l #	87
20) Methylene Chloride	4.93	84	7383	3.871	ug/l #	84
31) Cyclohexane	7.95	56	3782	1.227	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	13564	5.186	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18629	6.518	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	51961	76.505	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51961	167.241	ug/l #	15

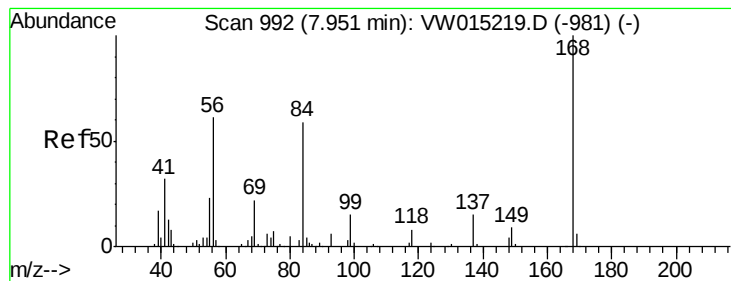
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015241.D
Acq On : 20 Apr 2020 23:03
Operator : SY/VA
Sample : L2350-05
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Quant Time: Apr 21 06:59:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

Instrument :

MSVOA_W

ClientSampled :

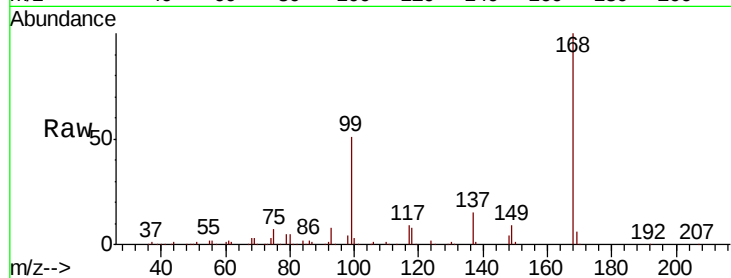
TP-5-D2

Tot Ion:168 Resp: 203769

Ion Ratio Lower Upper

168 100

99 51.0 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

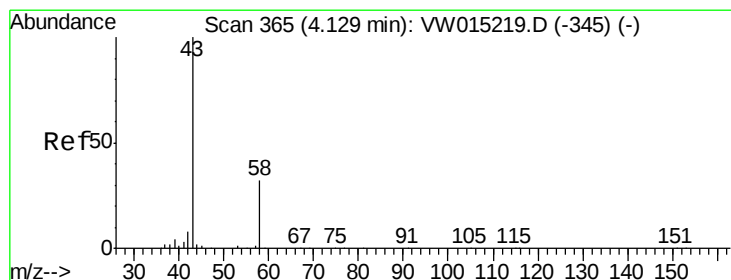
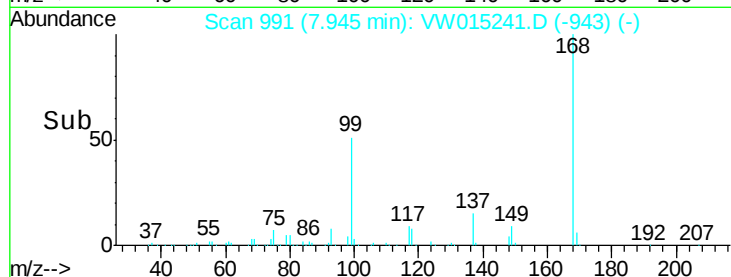
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.497 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015241.D

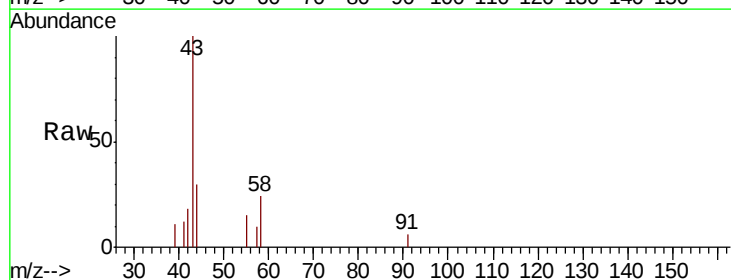
Acq: 20 Apr 2020 23:03

Tgt Ion: 43 Resp: 2473

Ion Ratio Lower Upper

43 100

58 26.1 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

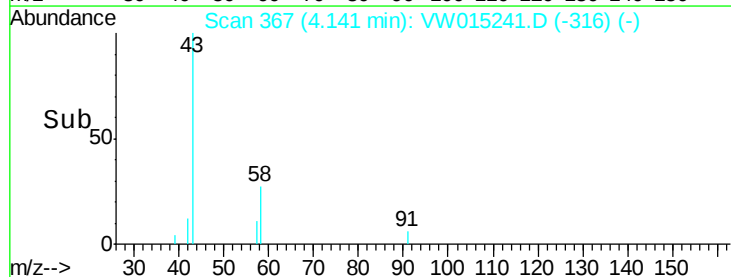
600

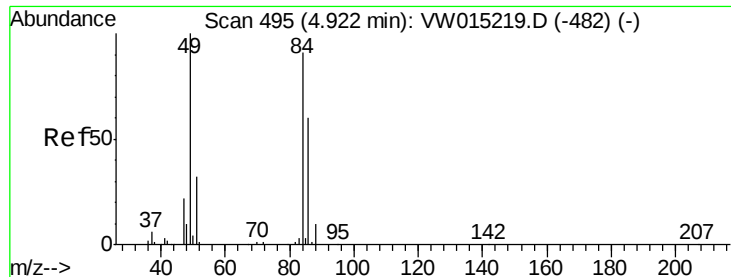
400

200

0

Time-->

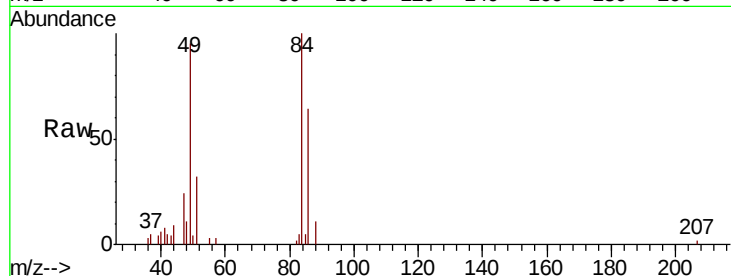




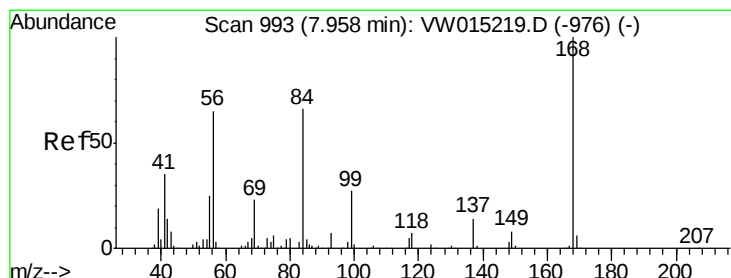
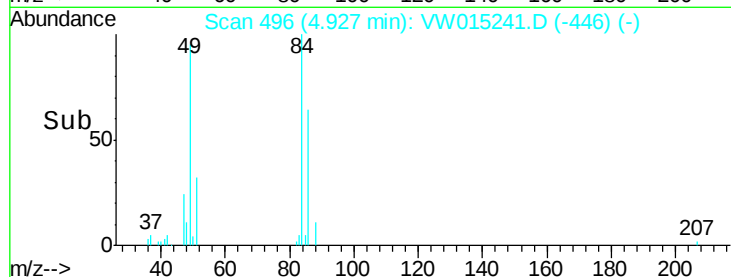
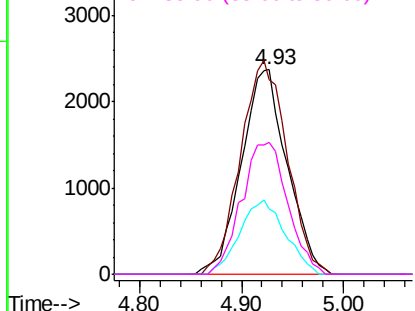
#20
Methvlene Chloride
Concen: 3.871 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015241.D
Acq: 20 Apr 2020 23:03

Instrument :
MSVOA_W
ClientSampleId :
TP-5-D2

Tot Ion: 84 Resp: 7383
Ion Ratio Lower Upper
84 100
49 95.0 95.4 143.0#
51 32.0 29.8 44.8
86 64.4 47.4 71.0

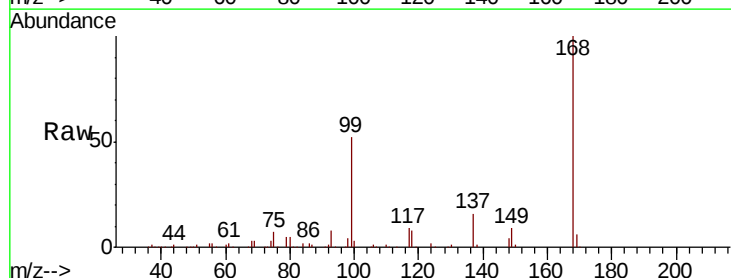


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

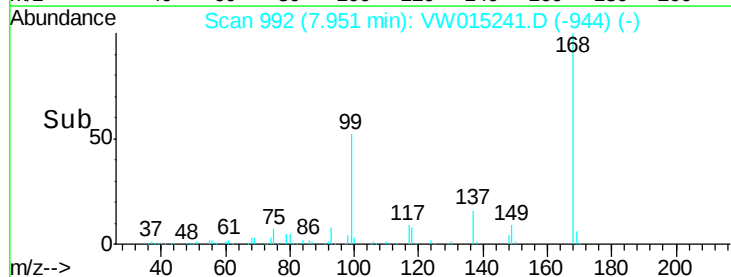
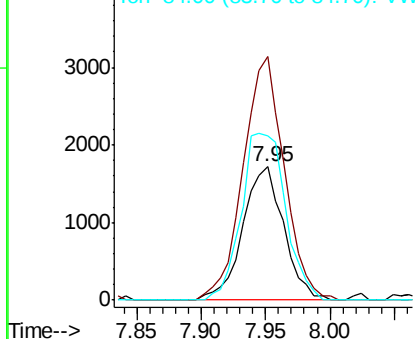


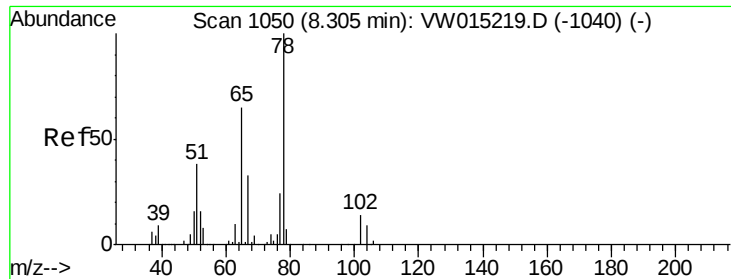
#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015241.D
Acq: 20 Apr 2020 23:03

Tgt Ion: 56 Resp: 3782
Ion Ratio Lower Upper
56 100
69 183.1 27.1 40.7#
84 123.2 71.9 107.9#



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

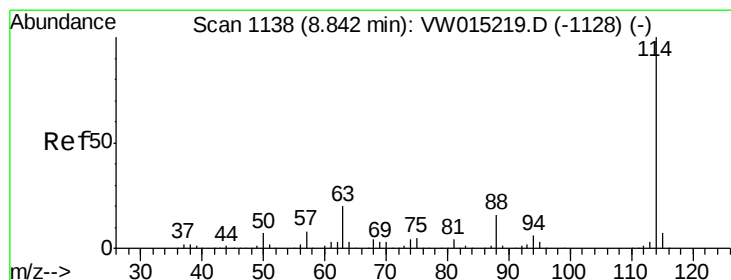
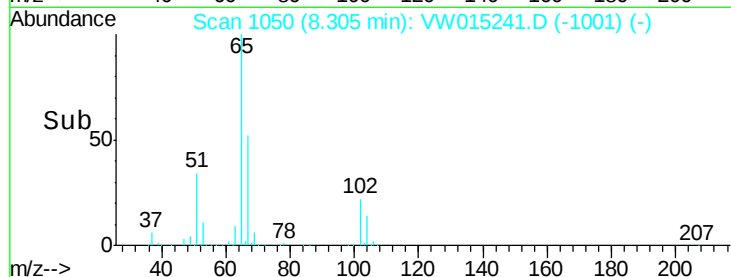
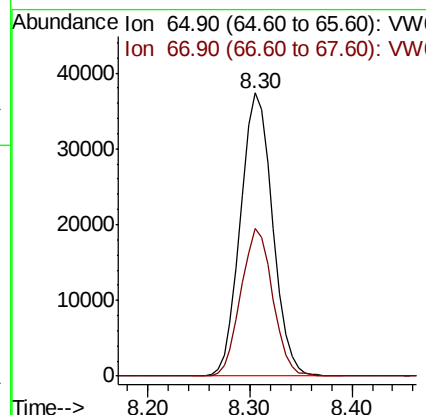
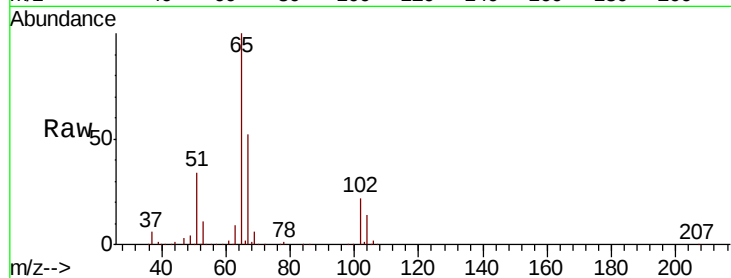




#33
 1,2-Dichloroethane-d4
 Concen: 49.161 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015241.D
 Acq: 20 Apr 2020 23:03

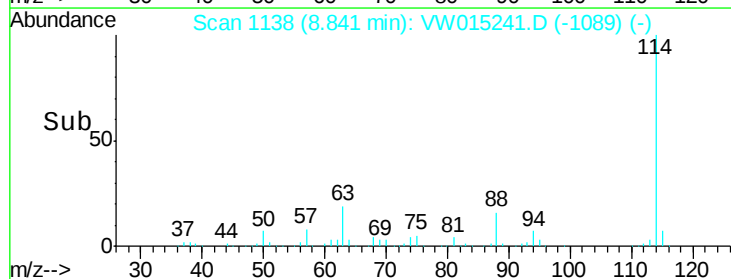
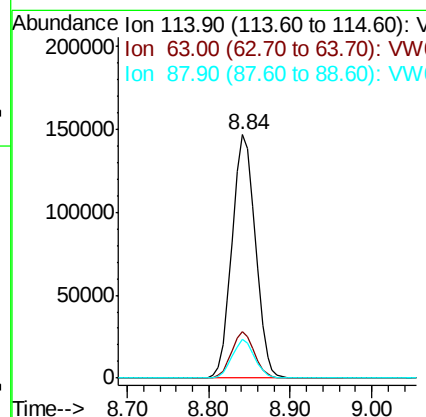
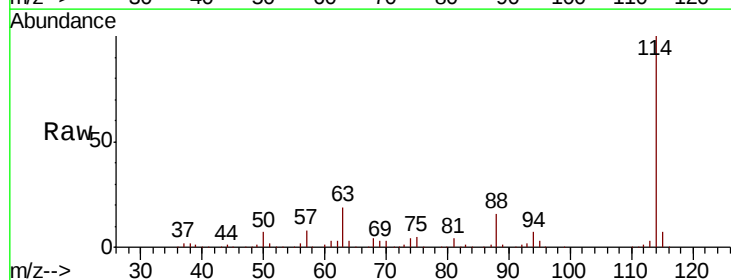
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5-D2

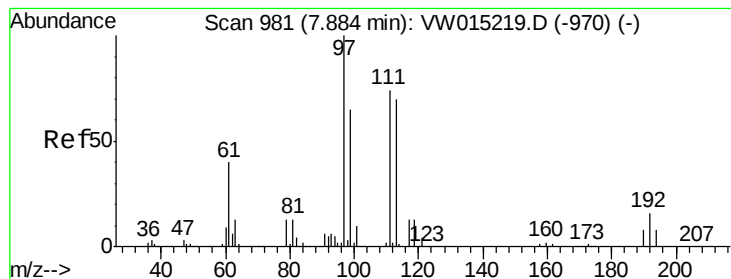
Tot Ion: 65 Resp: 81918
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015241.D
 Acq: 20 Apr 2020 23:03

Tgt Ion: 114 Resp: 289786
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.8
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.583 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

Instrument :

MSVOA_W

ClientSampleId :

TP-5-D2

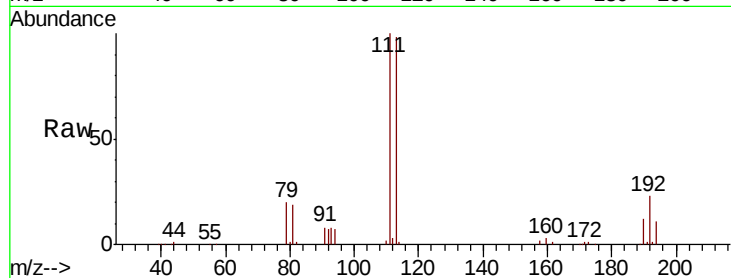
Tot Ion:113 Resp: 82800

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

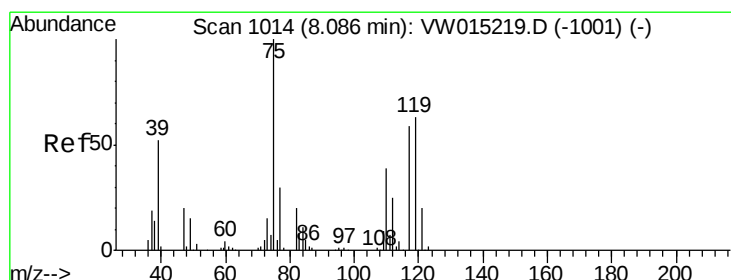
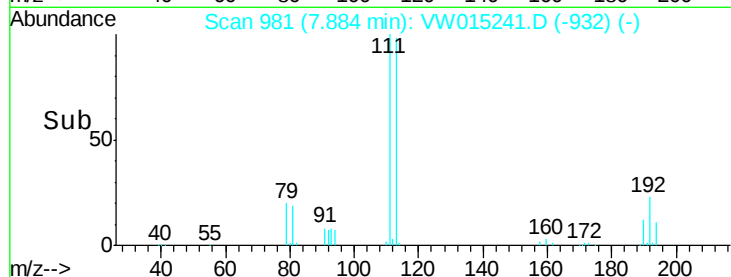
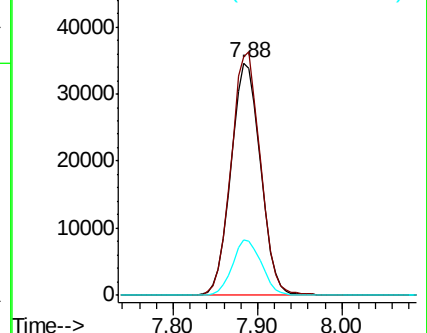
192 23.5 15.1 22.7#



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: 5.186 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

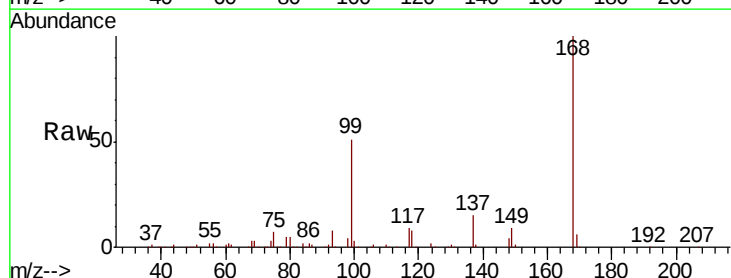
Tgt Ion: 75 Resp: 13564

Ion Ratio Lower Upper

75 100

110 8.9 18.2 54.6#

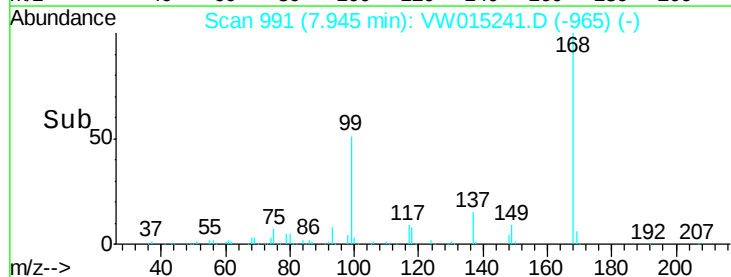
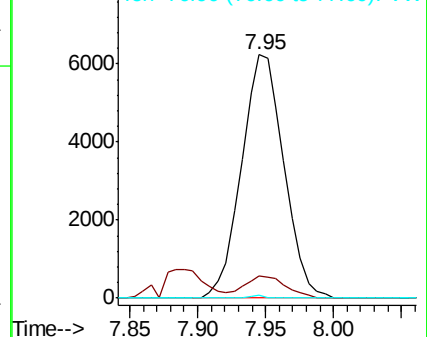
77 0.3 24.5 36.7#

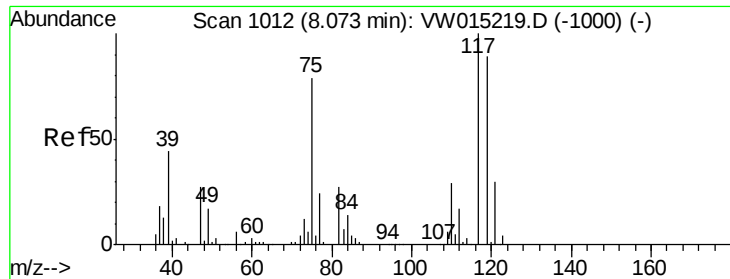


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

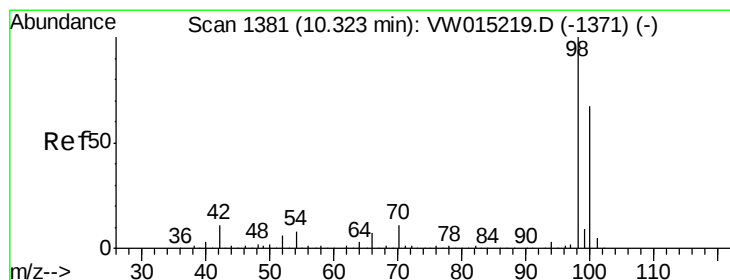
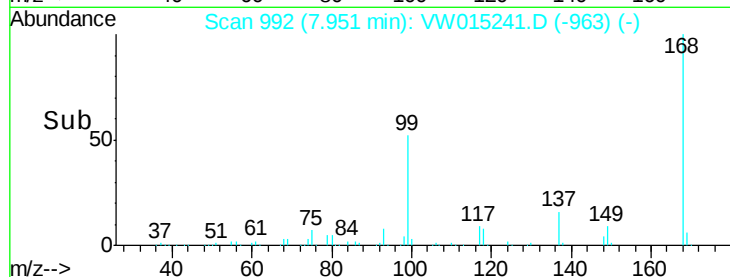
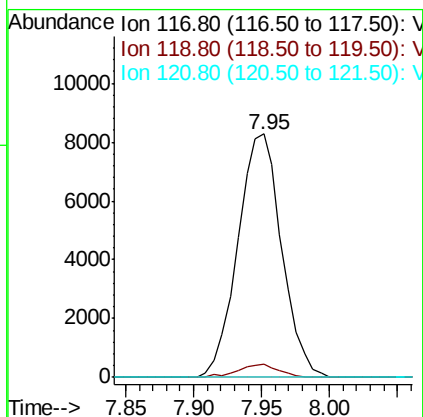
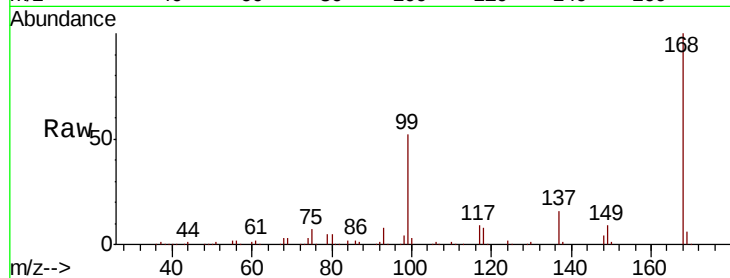




#38
Carbon Tetrachloride
Concen: 6.518 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015241.D
Acq: 20 Apr 2020 23:03

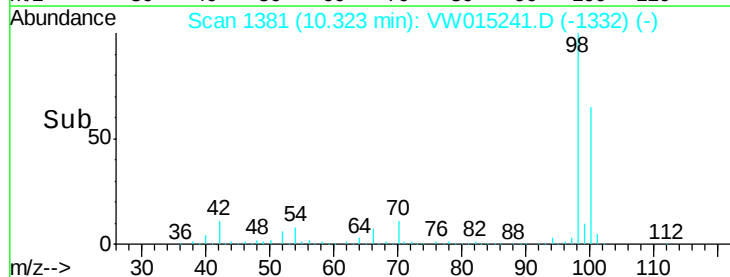
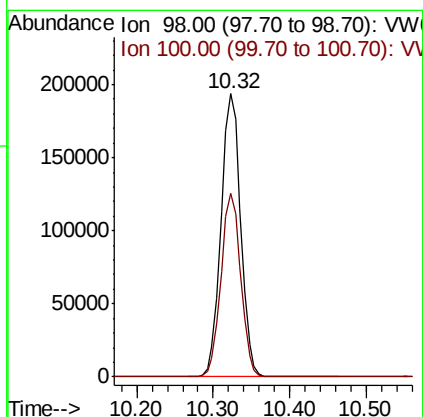
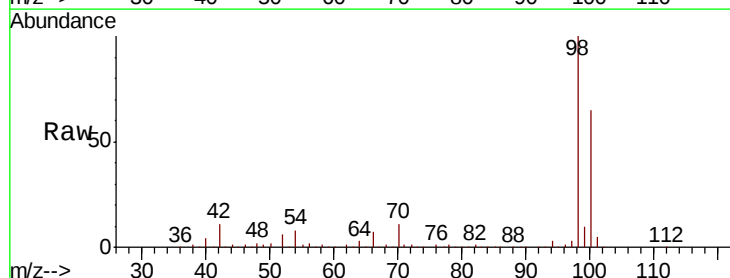
Instrument :
MSVOA_W
ClientSampled :
TP-5-D2

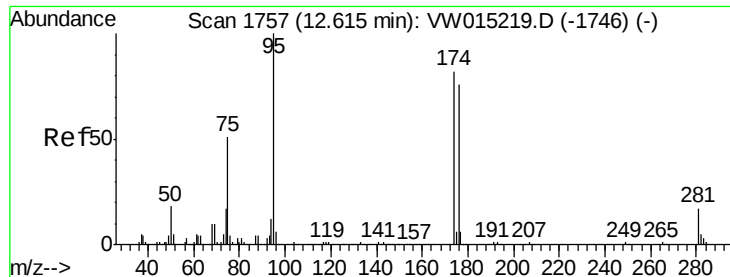
Tot Ion:117 Resp: 18629
Ion Ratio Lower Upper
117 100
119 5.2 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.006 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015241.D
Acq: 20 Apr 2020 23:03

Tgt Ion: 98 Resp: 344419
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 40.441 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

Instrument :

MSVOA_W

ClientSampleId :

TP-5-D2

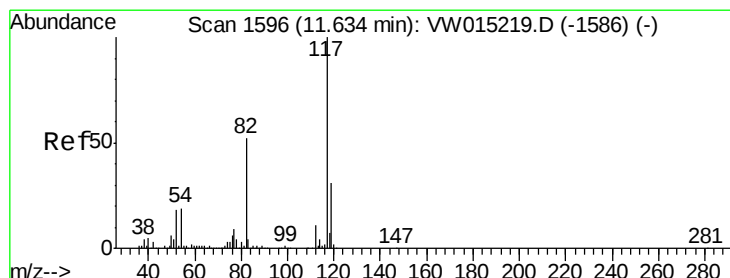
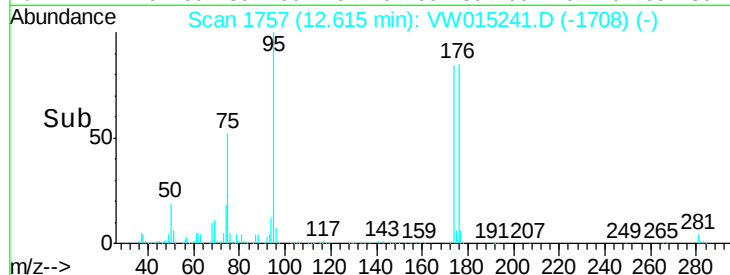
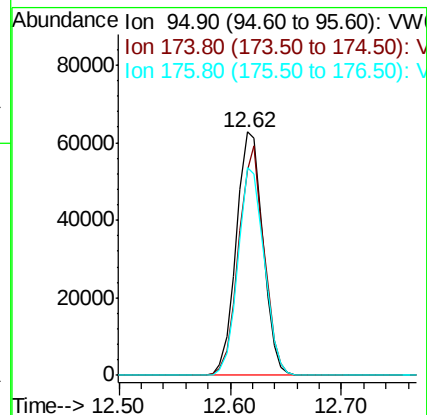
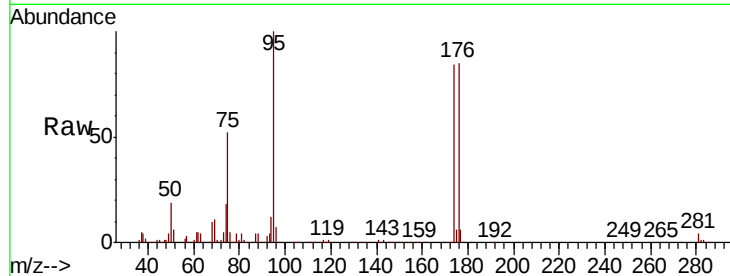
Tot Ion: 95 Resp: 104191

Ion Ratio Lower Upper

95 100

174 89.2 0.0 144.4

176 83.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

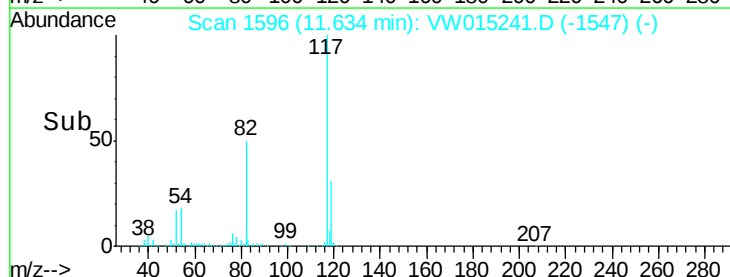
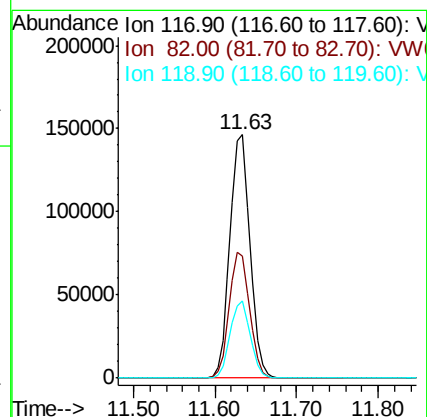
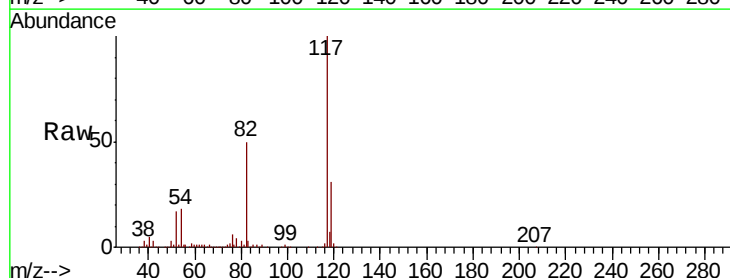
Tgt Ion: 117 Resp: 249079

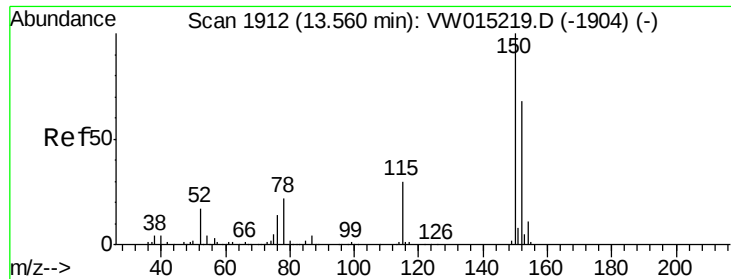
Ion Ratio Lower Upper

117 100

82 50.1 44.1 66.1

119 31.5 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

Instrument :

MSVOA_W

ClientSampled :

TP-5-D2

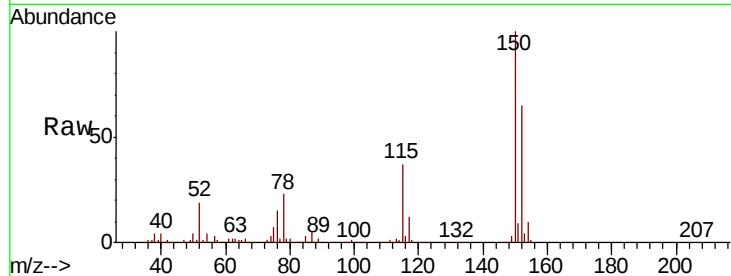
Tot Ion:152 Resp: 87794

Ion Ratio Lower Upper

152 100

115 57.8 31.3 93.9

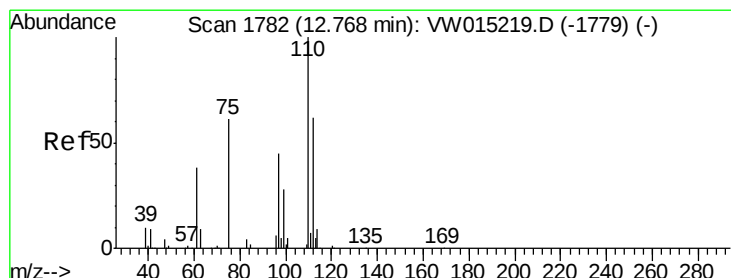
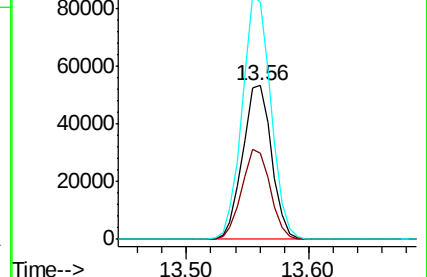
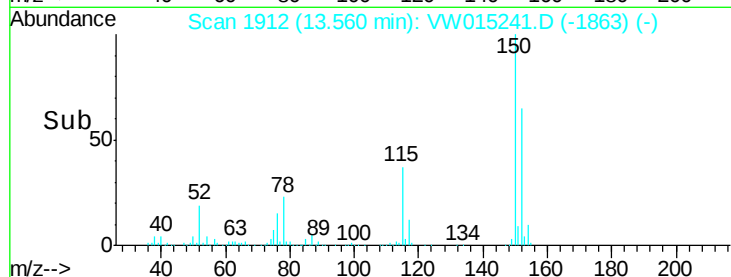
150 155.7 0.0 343.4



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



#76

1,2,3-Trichloropropane

Concen: 76.505 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015241.D

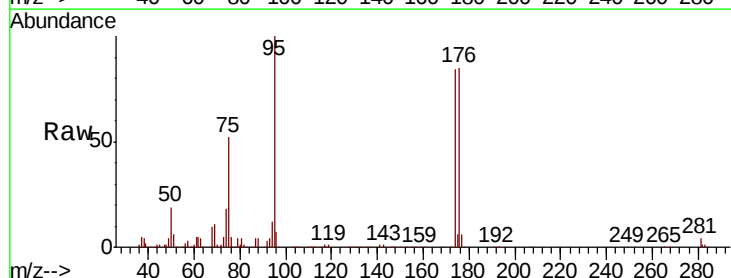
Acq: 20 Apr 2020 23:03

Tgt Ion: 75 Resp: 51961

Ion Ratio Lower Upper

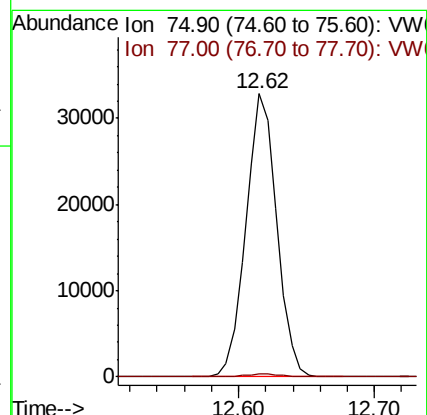
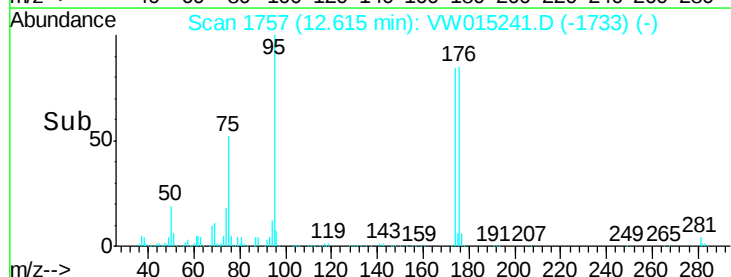
75 100

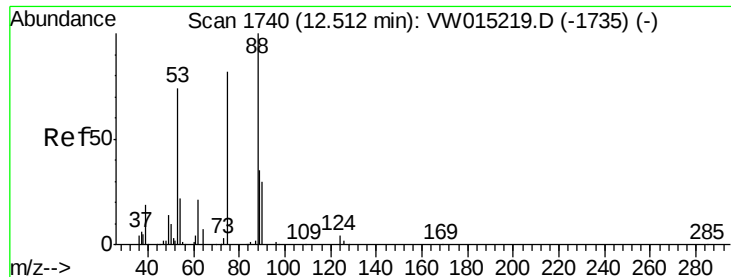
77 1.2 0.0 0.0#



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: 167.241 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015241.D

Acq: 20 Apr 2020 23:03

Instrument :

MSVOA_W

ClientSampleId :

TP-5-D2

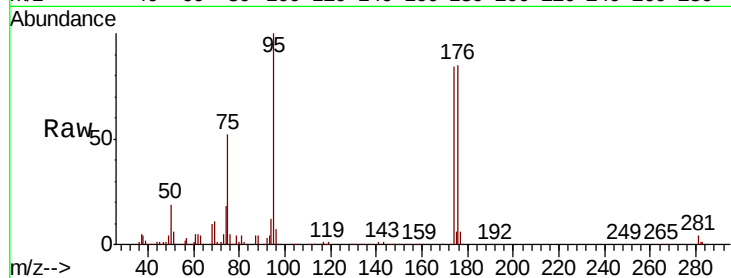
Tot Ion: 75 Resp: 51961

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#



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

