

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015341.D
 Acq On : 24 Apr 2020 14:20
 Operator : SY/VA
 Sample : L2407-02
 Misc : 7.86G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200010

Quant Time: Apr 25 06:49:17 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

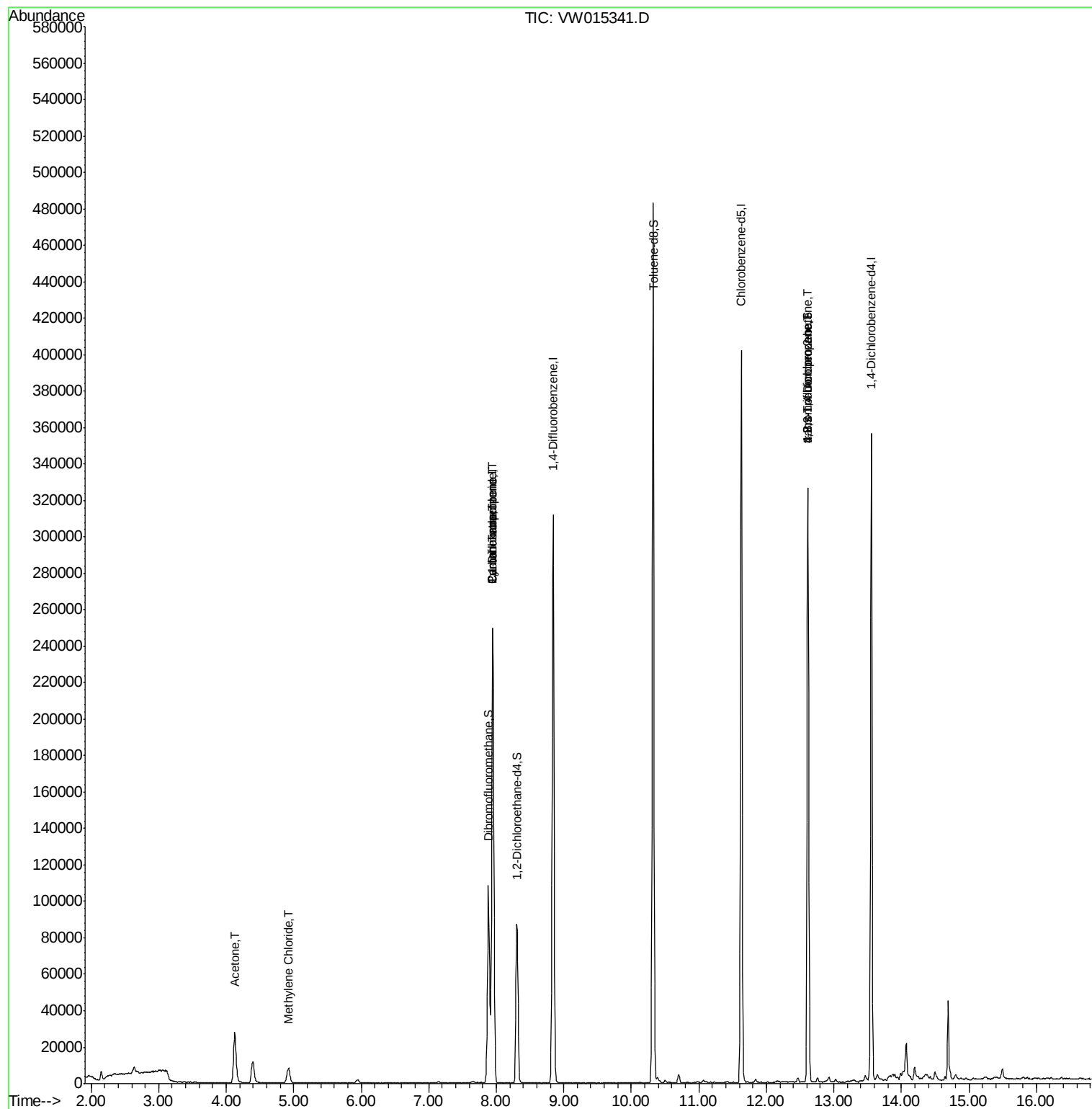
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	240082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69907	39.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.84%	
35) Dibromofluoromethane	7.88	113	75170	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.32	98	325696	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	101835	40.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	48775	157.483	ug/l	95
20) Methylene Chloride	4.92	84	7109	3.502	ug/l	85
31) Cyclohexane	7.95	56	3667	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13152	5.203	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18348	6.643	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	50777	65.879	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	50777	144.012	ug/l #	15

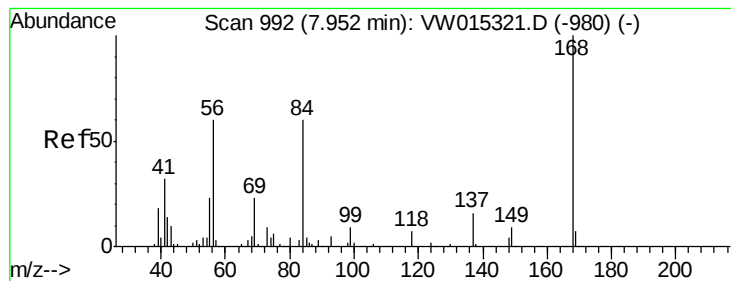
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042420\
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Quant Time: Apr 25 06:49:17 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# 992

Delta R.T. -0.00 min

Lab File: VW015341.D

Acq: 24 Apr 2020 14:20

Instrument :

MSVOA_W

ClientSampled :

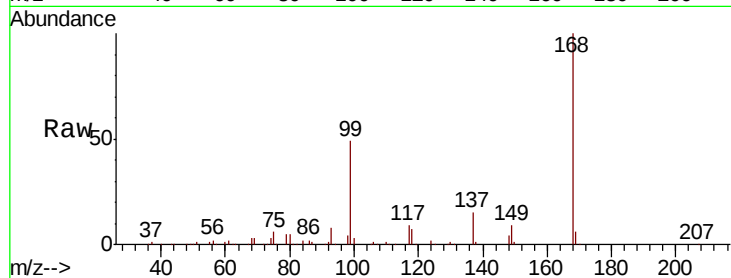
RBR-200010

Tot Ion:168 Resp: 216843

Ion Ratio Lower Upper

168 100

99 49.1 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

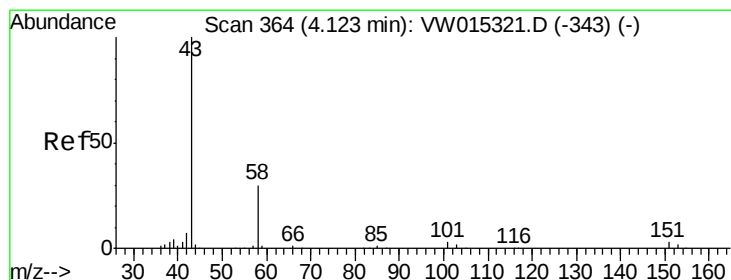
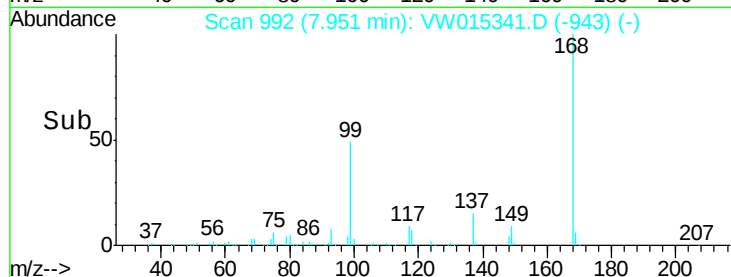
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 157.483 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015341.D

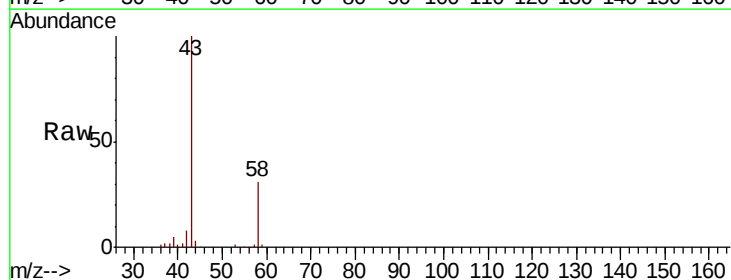
Acq: 24 Apr 2020 14:20

Tgt Ion: 43 Resp: 48775

Ion Ratio Lower Upper

43 100

58 30.9 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

20000

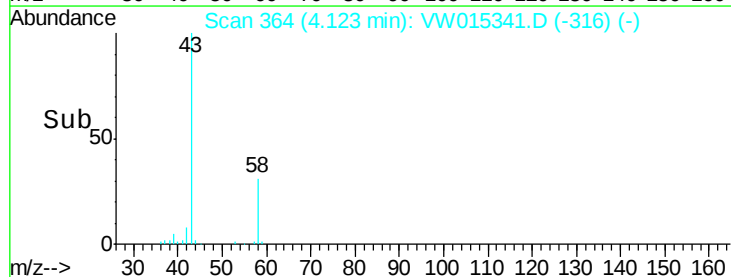
15000

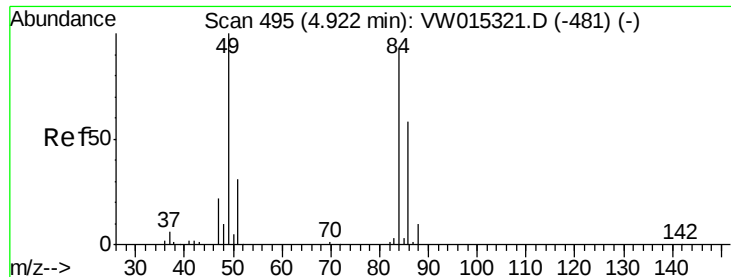
10000

5000

0

Time-->

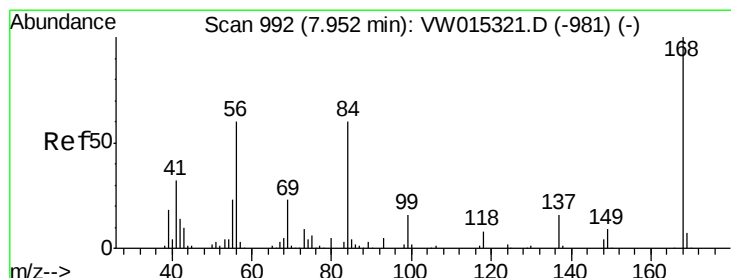
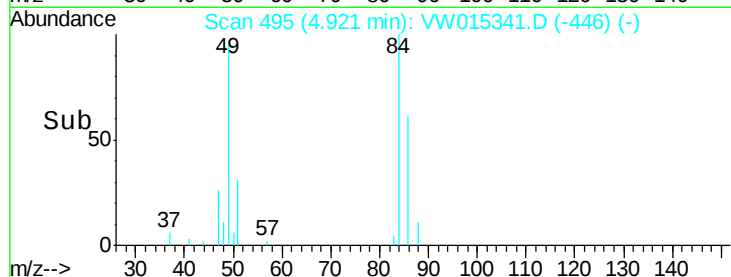
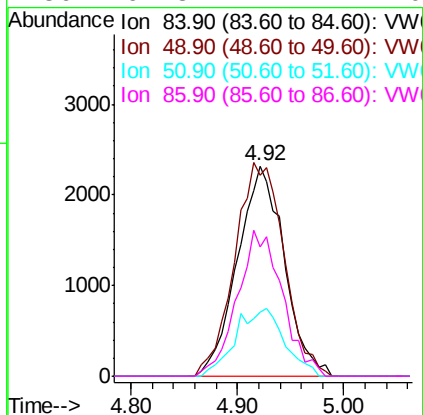
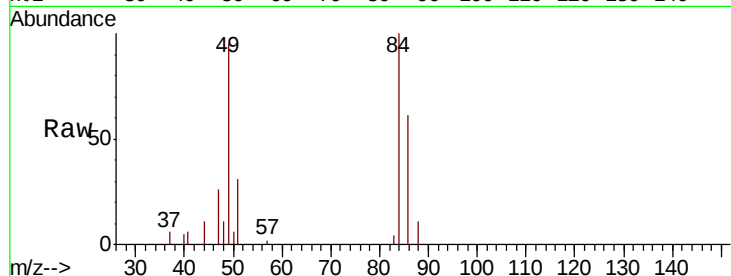




#20
Methvlene Chloride
Concen: 3.502 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW015341.D
Acq: 24 Apr 2020 14:20

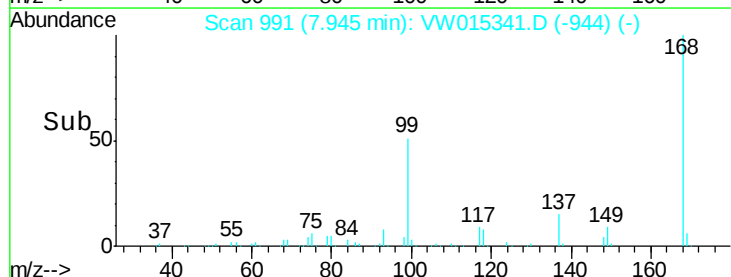
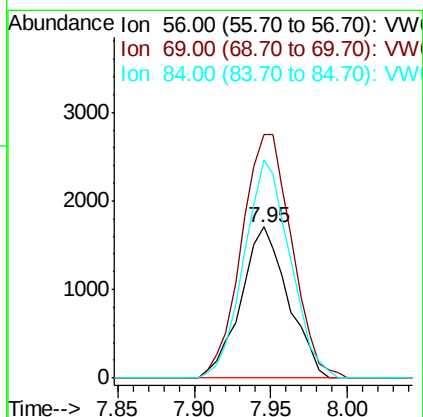
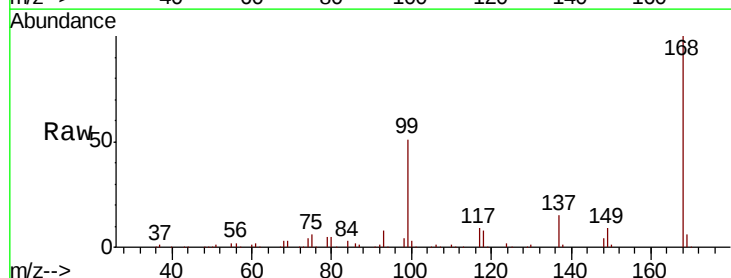
Instrument :
MSVOA_W
ClientSampleId :
RBR-200010

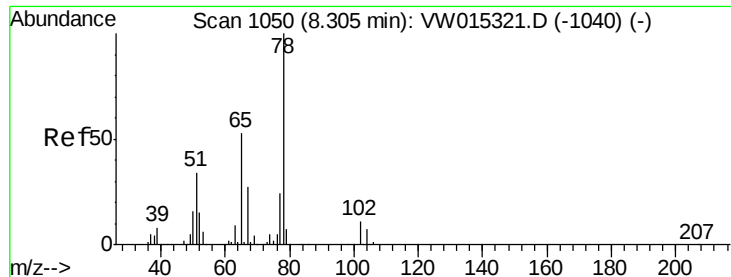
Tot Ion:	84	Resp:	7109
Ion	Ratio	Lower	Upper
84	100		
49	95.5	95.4	143.0
51	30.6	29.8	44.8
86	61.3	47.4	71.0



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015341.D
Acq: 24 Apr 2020 14:20

Tgt Ion:	56	Resp:	3667
Ion	Ratio	Lower	Upper
56	100		
69	161.0	27.1	40.7#
84	144.4	71.9	107.9#





#33

1,2-Dichloroethane-d4

Concen: 39.424 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015341.D

Acq: 24 Apr 2020 14:20

Instrument :

MSVOA_W

ClientSampleId :

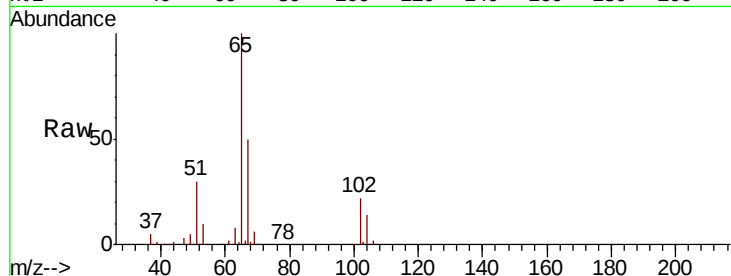
RBR-200010

Tot Ion: 65 Resp: 69907

Ion Ratio Lower Upper

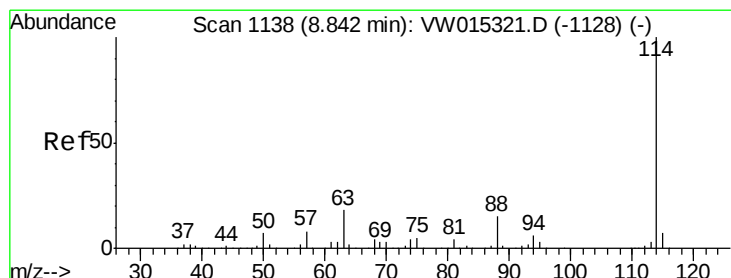
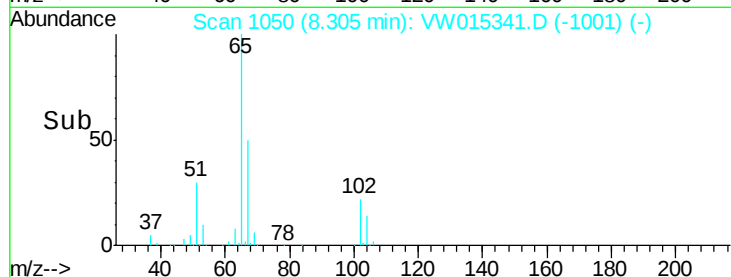
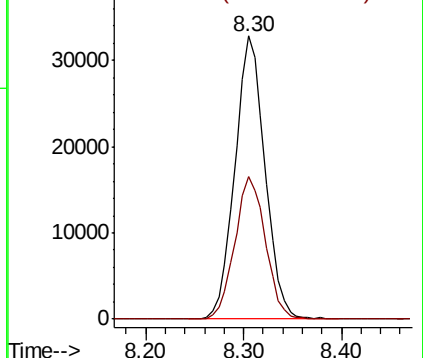
65 100

67 51.2 0.0 107.0



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: VW015341.D

Acq: 24 Apr 2020 14:20

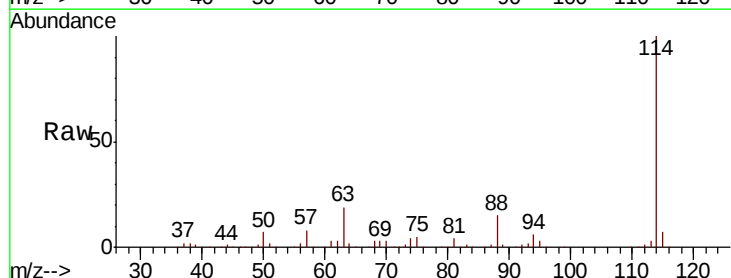
Tgt Ion: 114 Resp: 280047

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

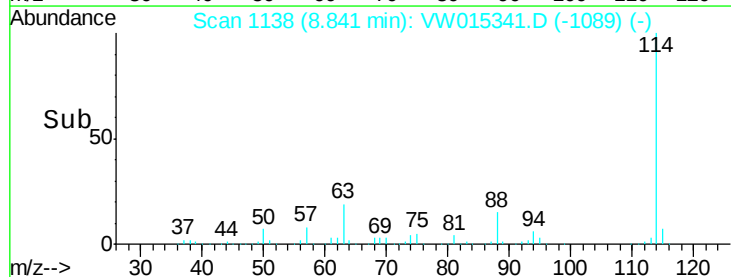
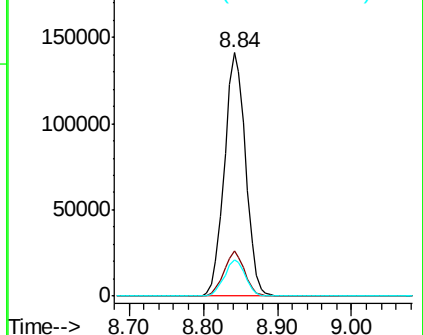
88 15.0 0.0 30.2

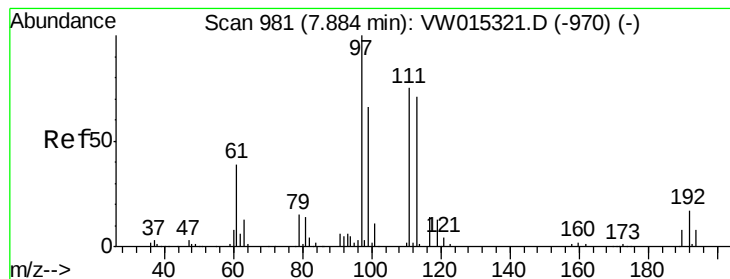


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 48.458 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015341.D

Acq: 24 Apr 2020 14:20

Instrument :

MSVOA_W

ClientSampleId :

RBR-200010

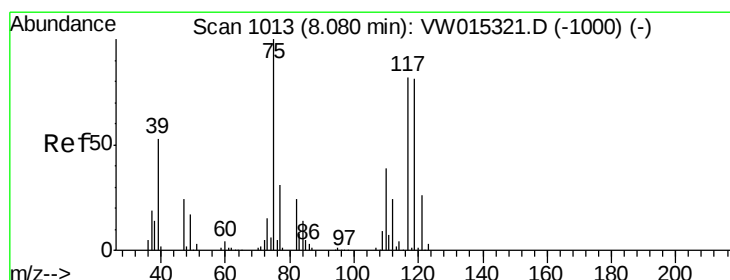
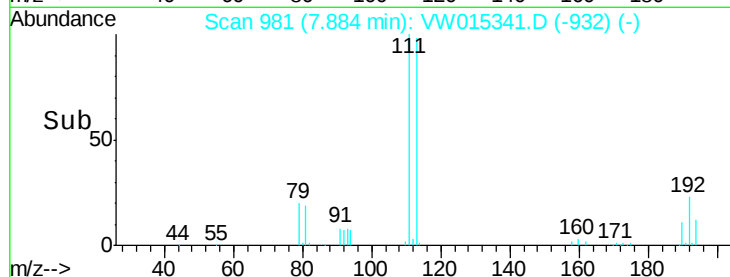
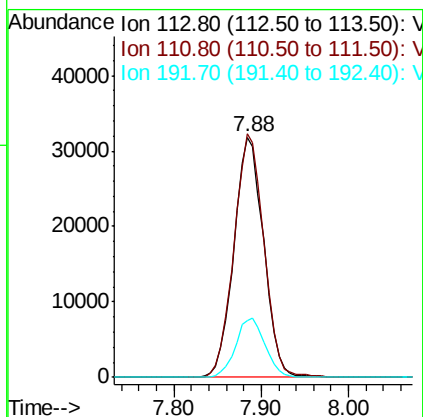
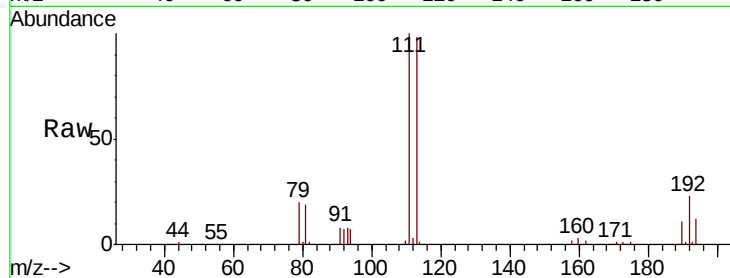
Tot Ion:113 Resp: 75170

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 24.3 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 5.203 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015341.D

Acq: 24 Apr 2020 14:20

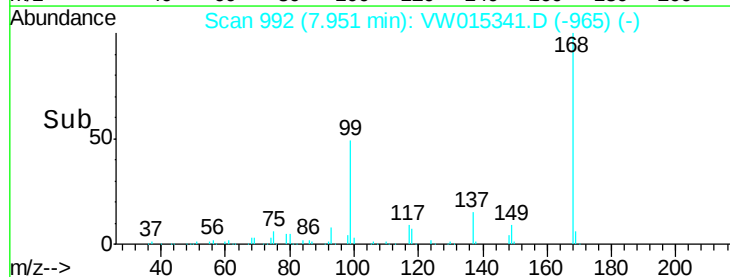
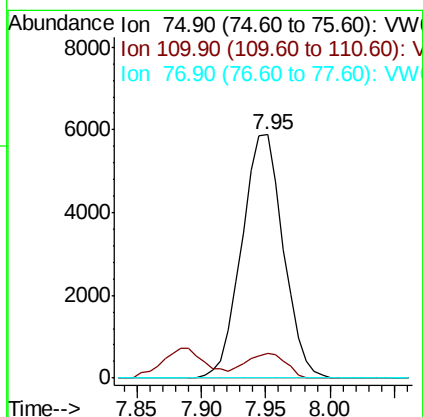
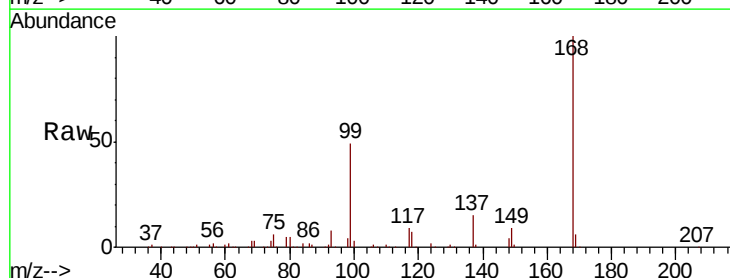
Tgt Ion: 75 Resp: 13152

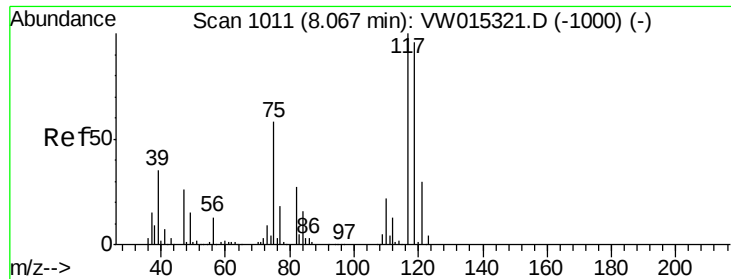
Ion Ratio Lower Upper

75 100

110 9.9 18.2 54.6#

77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.643 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015341.D

Acq: 24 Apr 2020 14:20

Instrument :

MSVOA_W

ClientSampled :

RBR-200010

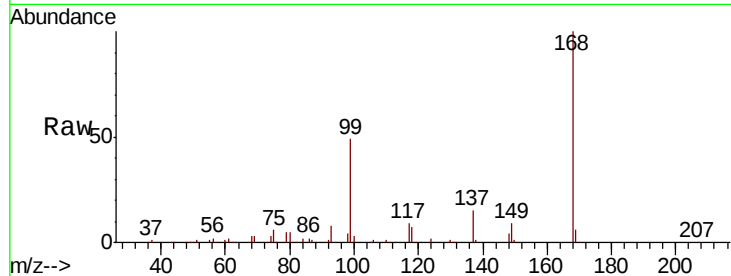
Tot Ion:117 Resp: 18348

Ion Ratio Lower Upper

117 100

119 4.3 72.3 108.5#

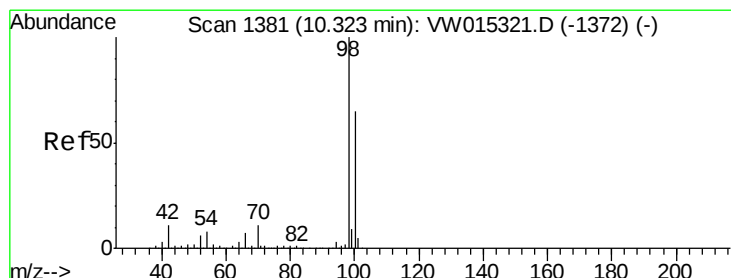
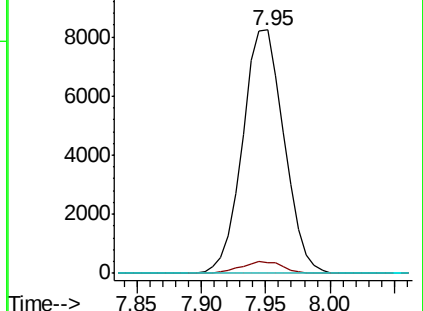
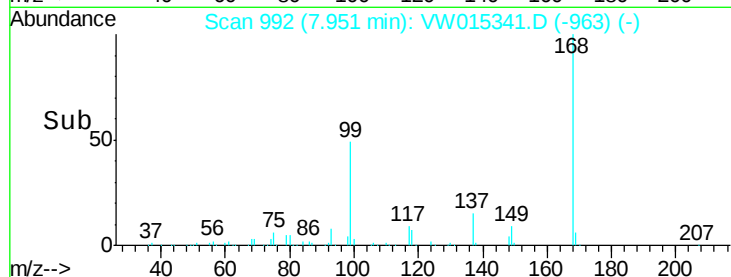
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.911 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015341.D

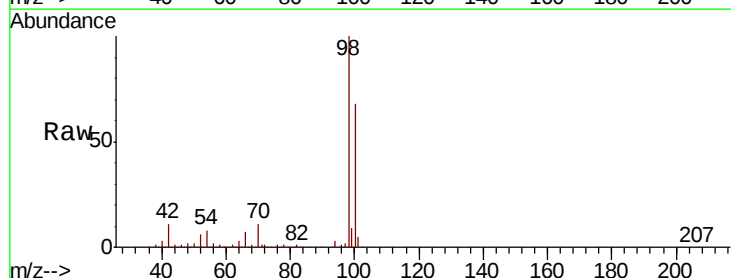
Acq: 24 Apr 2020 14:20

Tgt Ion: 98 Resp: 325696

Ion Ratio Lower Upper

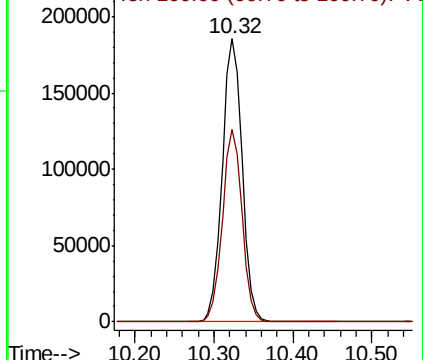
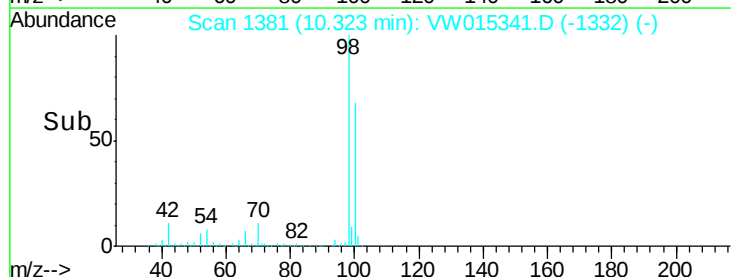
98 100

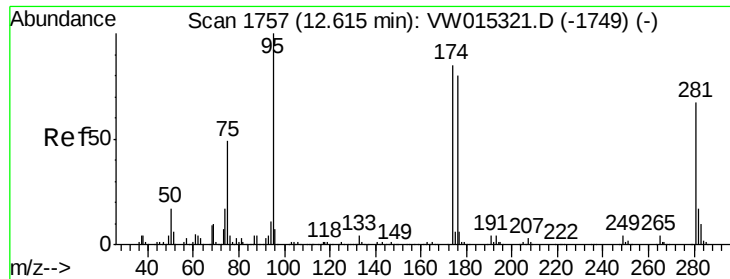
100 66.7 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

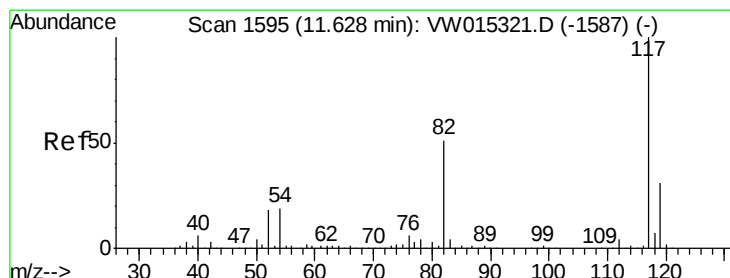
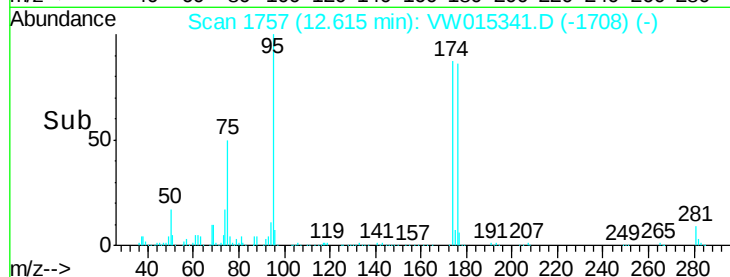
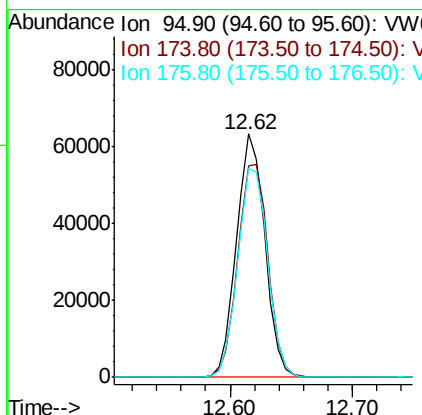
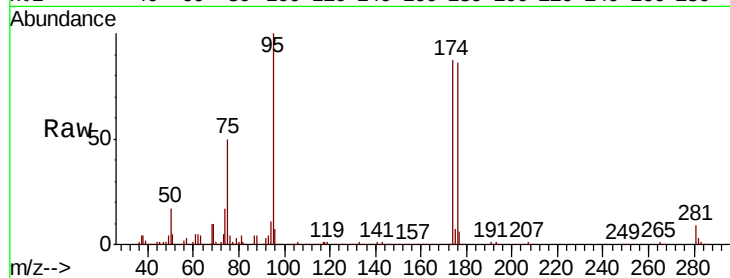




#62
4-Bromofluorobenzene
Concen: 40.901 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015341.D
Acq: 24 Apr 2020 14:20

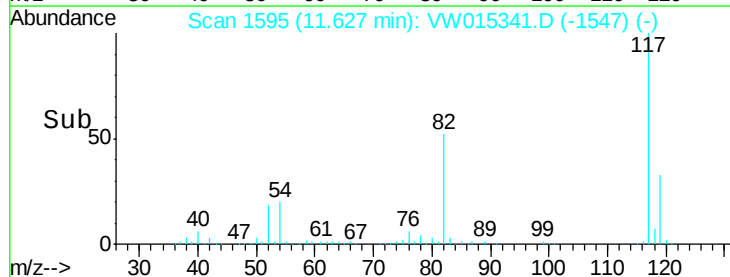
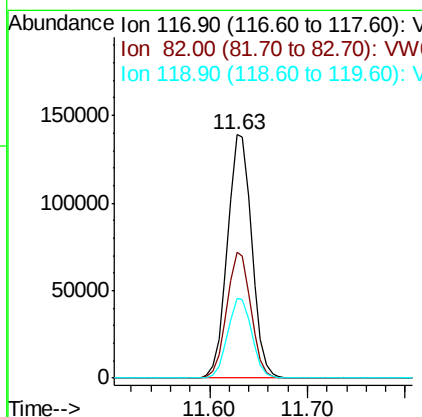
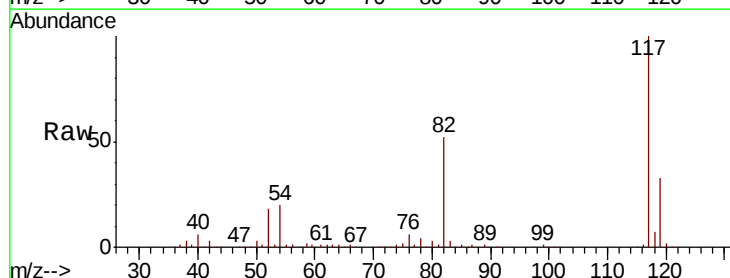
Instrument :
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RBR-200010

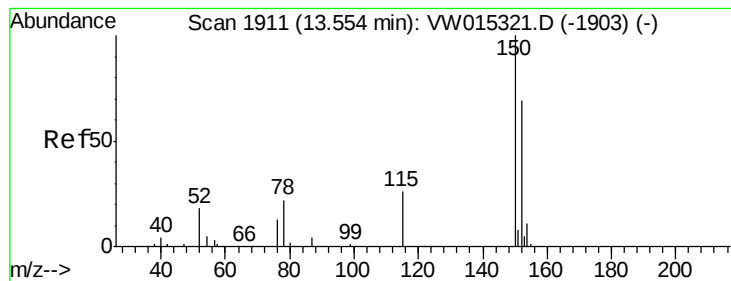
Tot Ion: 95 Resp: 101835
Ion Ratio Lower Upper
95 100
174 93.3 0.0 144.4
176 90.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015341.D
Acq: 24 Apr 2020 14:20

Tgt Ion: 117 Resp: 240082
Ion Ratio Lower Upper
117 100
82 51.7 44.1 66.1
119 32.8 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: VW015341.D

Acq: 24 Apr 2020 14:20

Instrument :

MSVOA_W

ClientSampleId :

RBR-200010

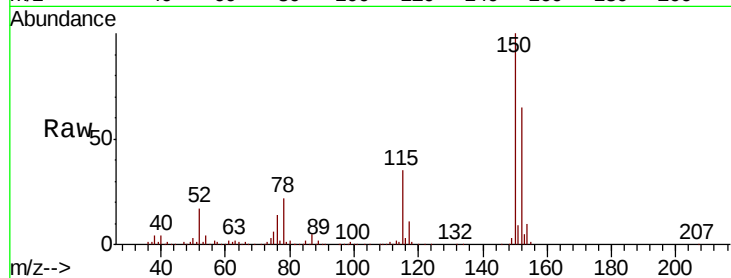
Tot Ion:152 Resp: 99632

Ion Ratio Lower Upper

152 100

115 55.1 31.3 93.9

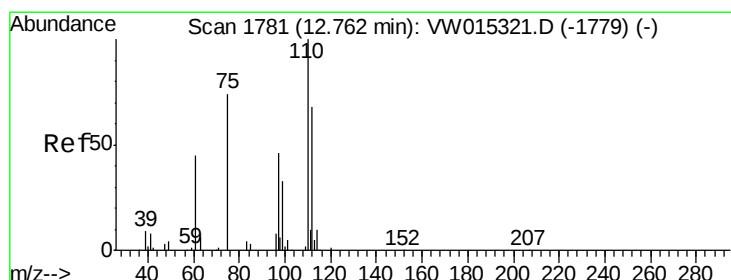
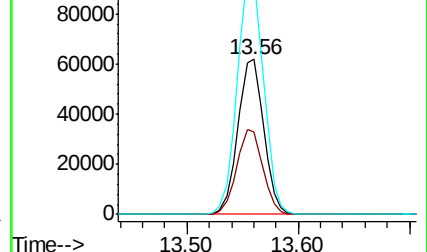
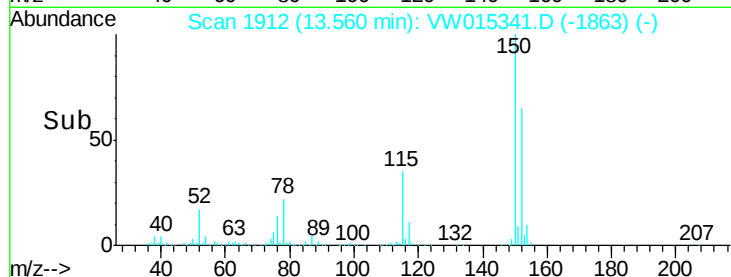
150 157.8 0.0 343.4



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: 65.879 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015341.D

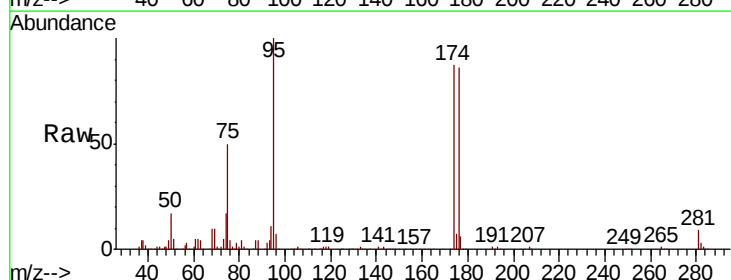
Acq: 24 Apr 2020 14:20

Tgt Ion: 75 Resp: 50777

Ion Ratio Lower Upper

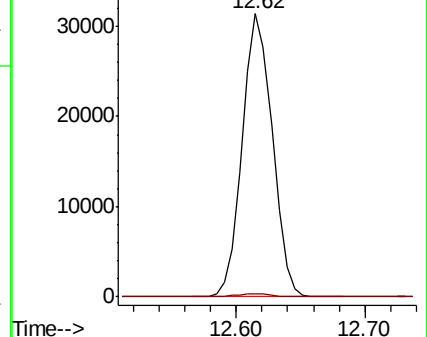
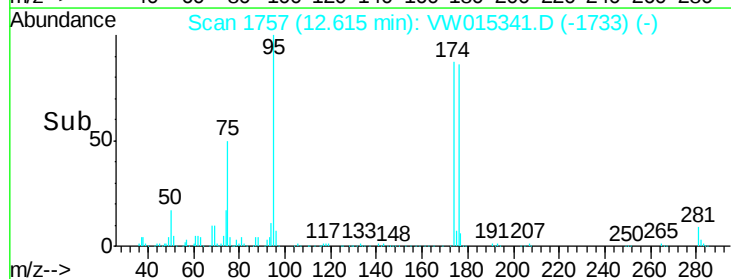
75 100

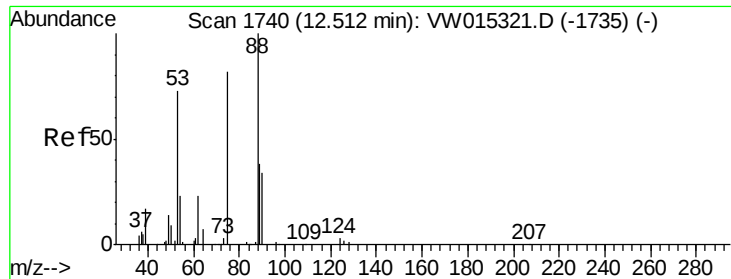
77 1.3 0.0 0.0#



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: 144.012 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015341.D

Acq: 24 Apr 2020 14:20

Instrument :

MSVOA_W

ClientSampleId :

RBR-200010

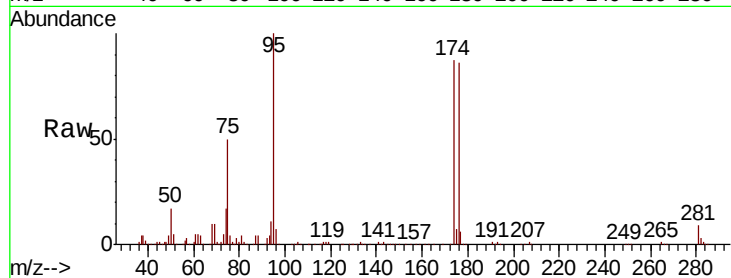
Tot Ion: 75 Resp: 50777

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

