

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015337.D
 Acq On : 24 Apr 2020 12:39
 Operator : SY/VA
 Sample : L2401-03
 Misc : 7.54G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:47:59 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

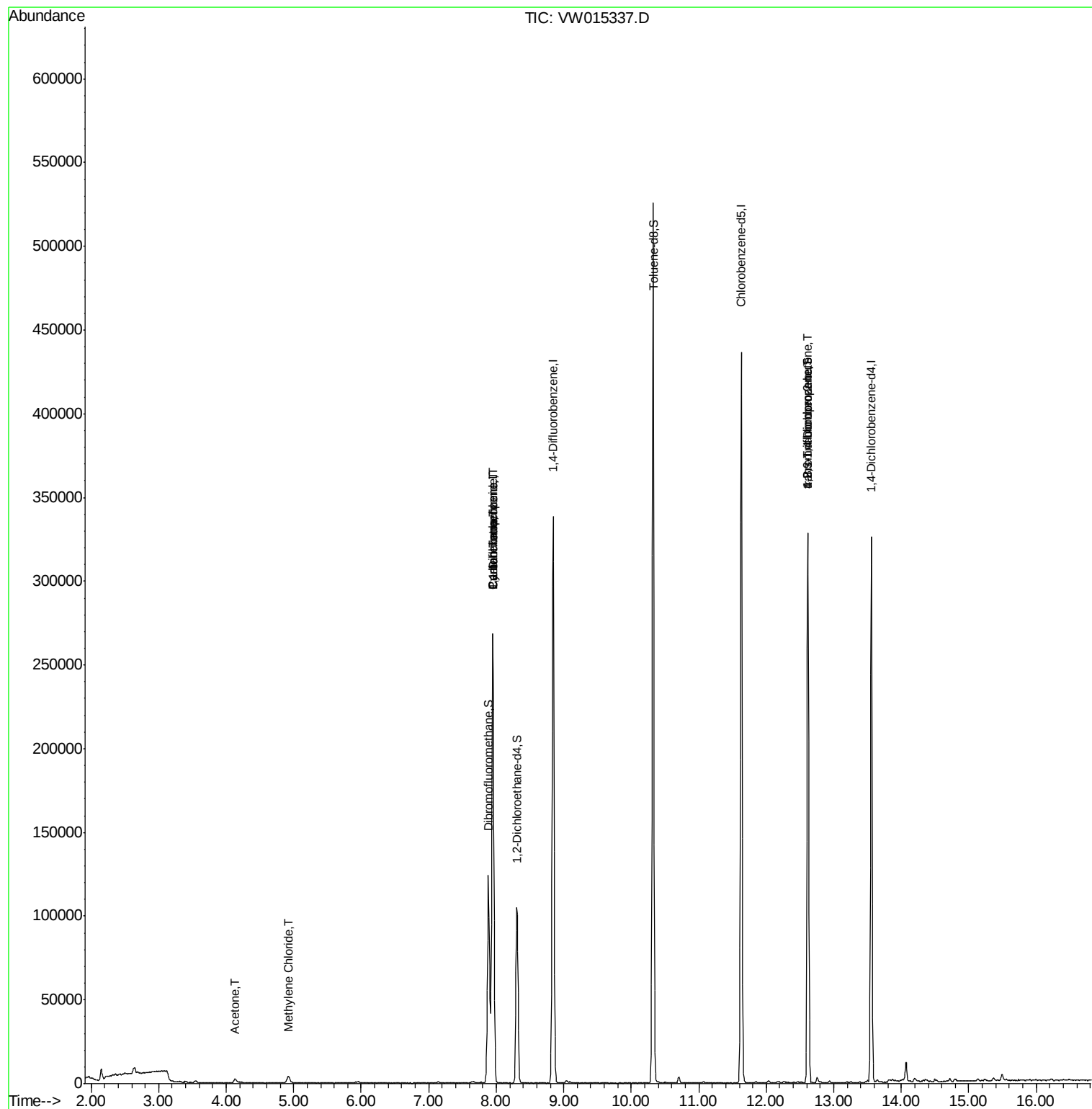
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302683	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	92294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83906	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	7.88	113	85791	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.32	98	355577	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.62	95	105691	39.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.54%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	5421	17.217	ug/l #	86
20) Methylene Chloride	4.92	84	3213	1.557	ug/l	87
31) Cyclohexane	7.95	56	4069	1.221	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	13907	5.091	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19296	6.463	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	52566	73.622	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	52566	160.939	ug/l #	15

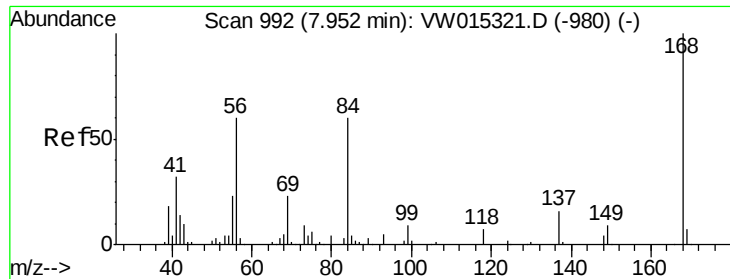
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015337.D

Acq: 24 Apr 2020 12:39

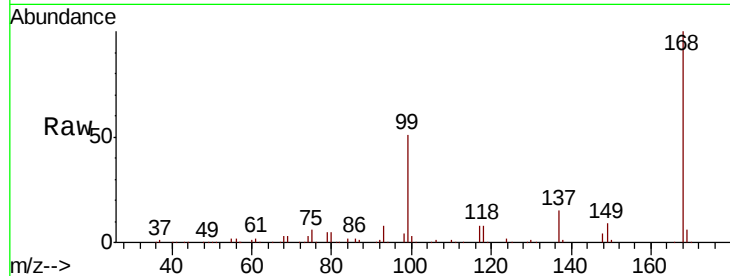
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 220449

Ion Ratio Lower Upper

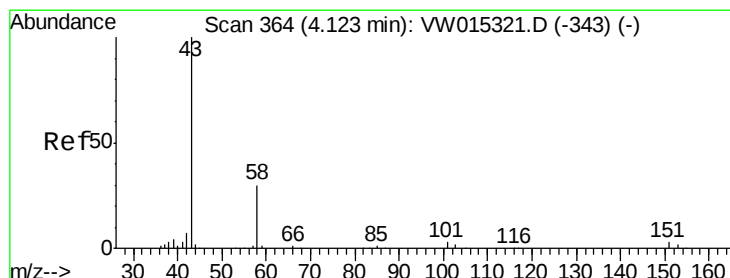
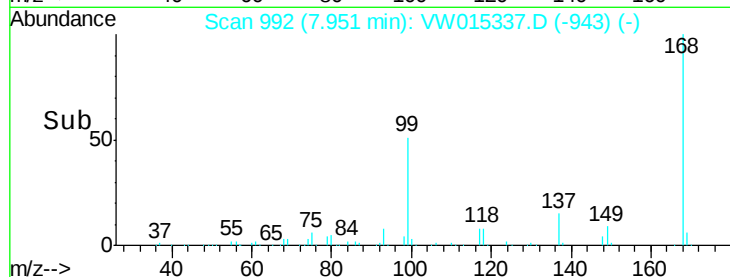
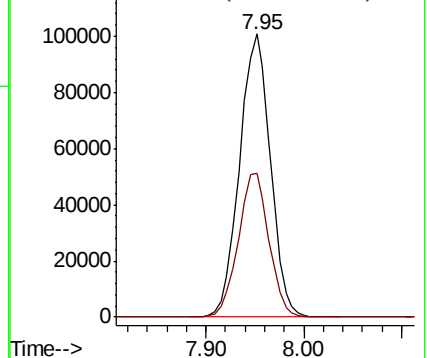
168 100

99 50.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 17.217 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015337.D

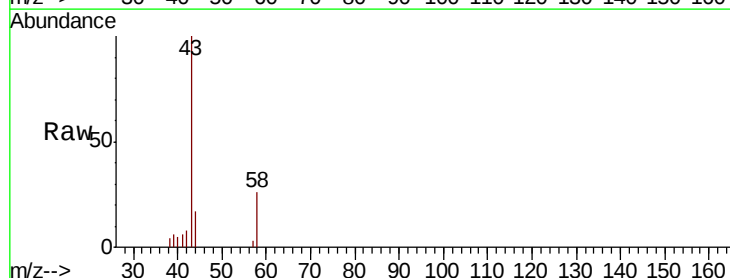
Acq: 24 Apr 2020 12:39

Tgt Ion: 43 Resp: 5421

Ion Ratio Lower Upper

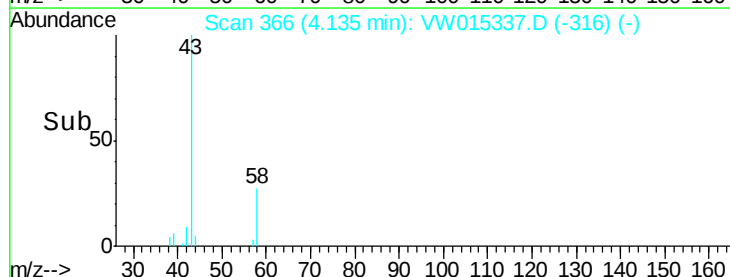
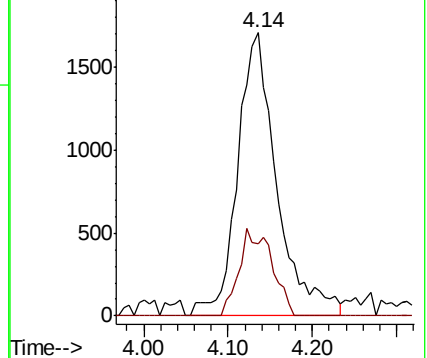
43 100

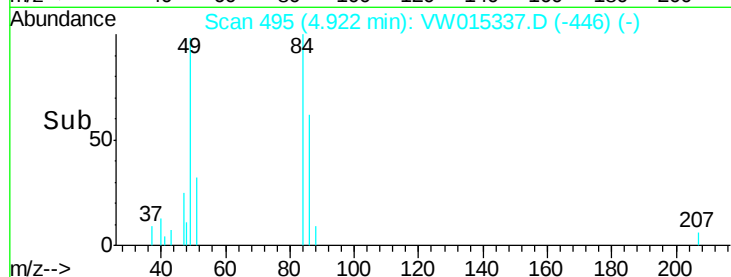
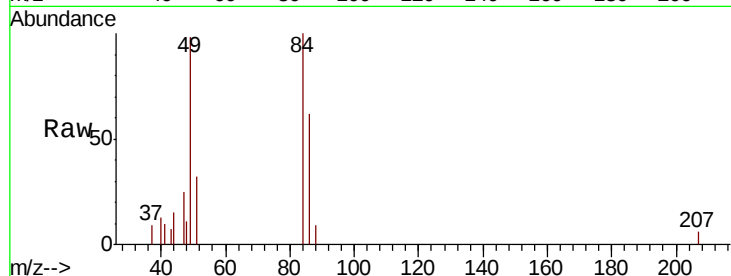
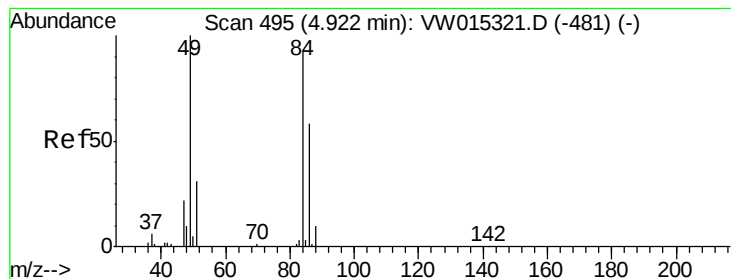
58 25.7 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.557 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015337.D

Acq: 24 Apr 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 3213

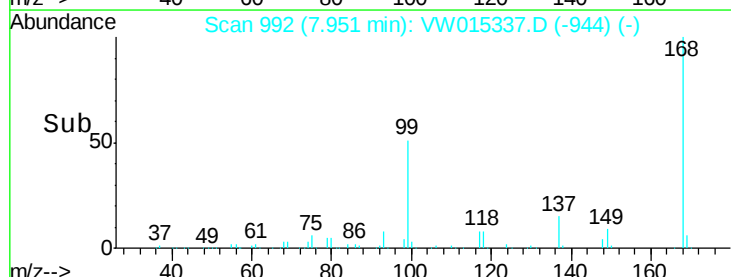
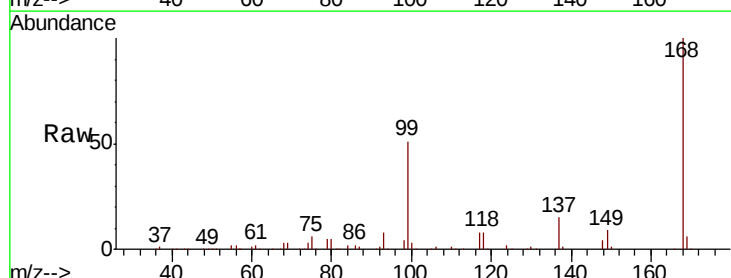
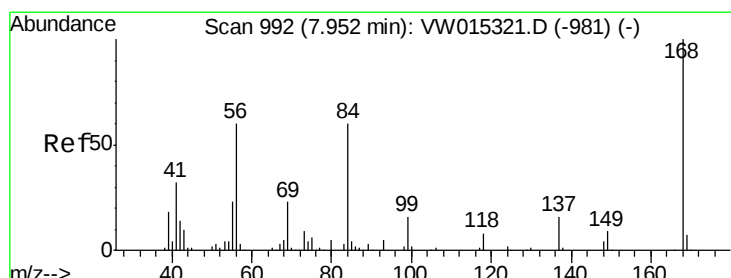
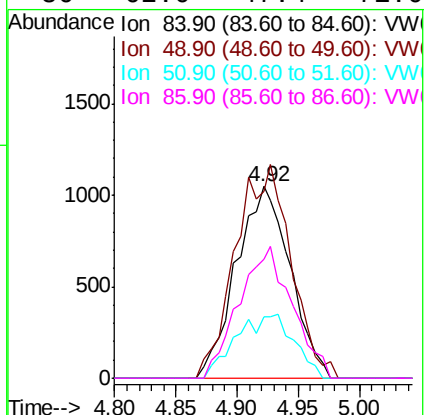
Ion Ratio Lower Upper

84 100

49 97.8 95.4 143.0

51 32.0 29.8 44.8

86 62.0 47.4 71.0



#31

Cyclohexane

Concen: 1.221 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015337.D

Acq: 24 Apr 2020 12:39

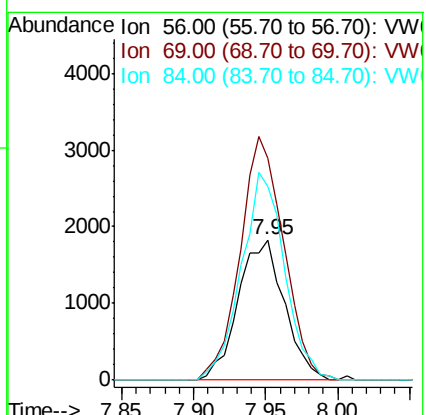
Tgt Ion: 56 Resp: 4069

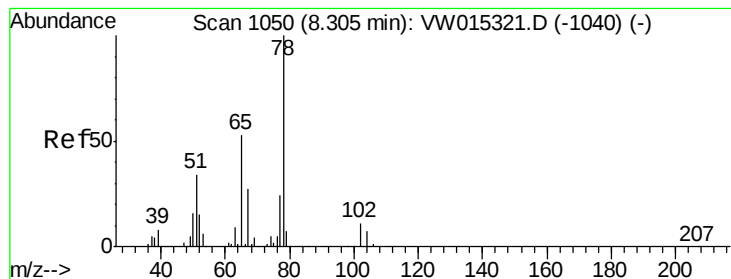
Ion Ratio Lower Upper

56 100

69 158.2 27.1 40.7#

84 137.4 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 46.544 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015337.D

Acq: 24 Apr 2020 12:39

Instrument :

MSVOA_W

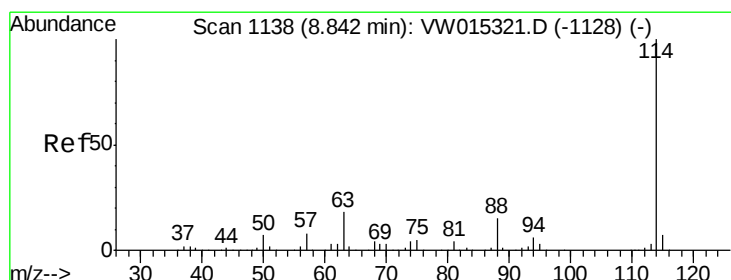
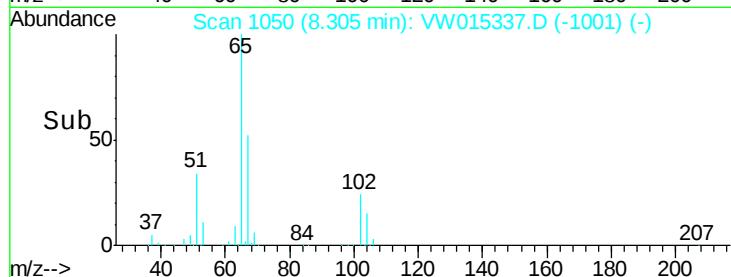
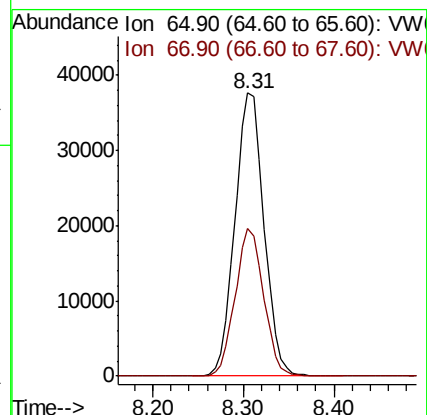
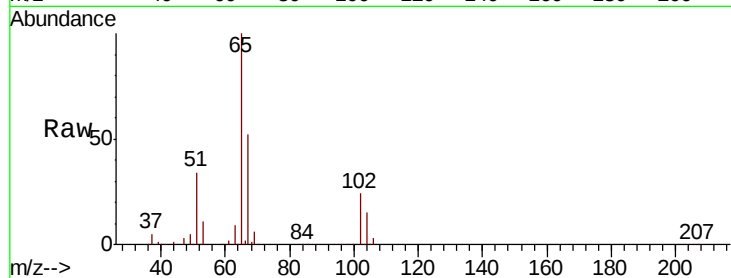
ClientSampleId :

Tot Ion: 65 Resp: 83906

Ion Ratio Lower Upper

65 100

67 50.9 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: VW015337.D

Acq: 24 Apr 2020 12:39

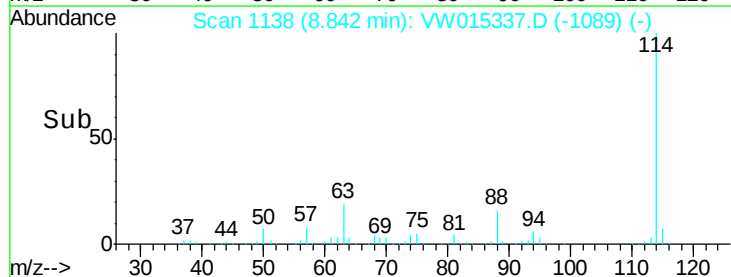
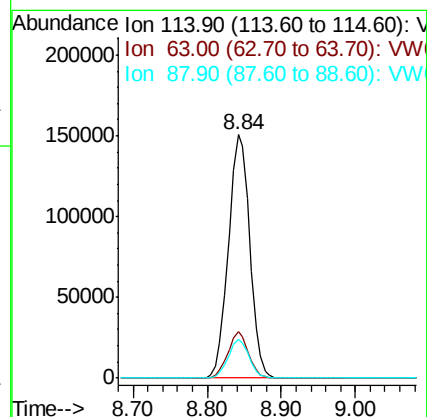
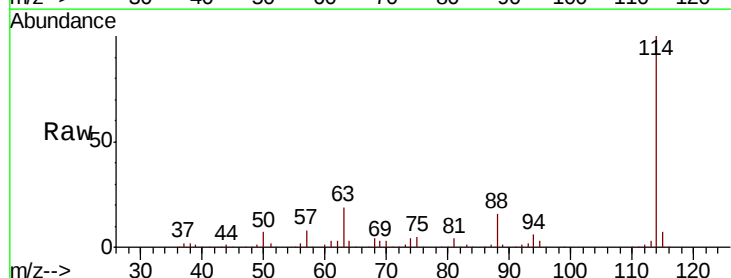
Tgt Ion: 114 Resp: 302683

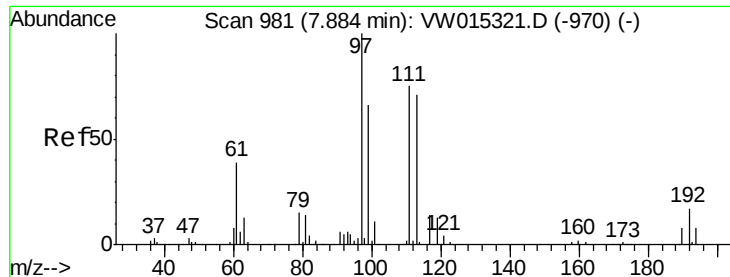
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

88 15.8 0.0 30.2

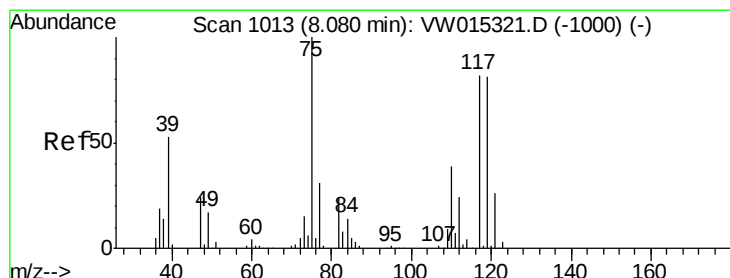
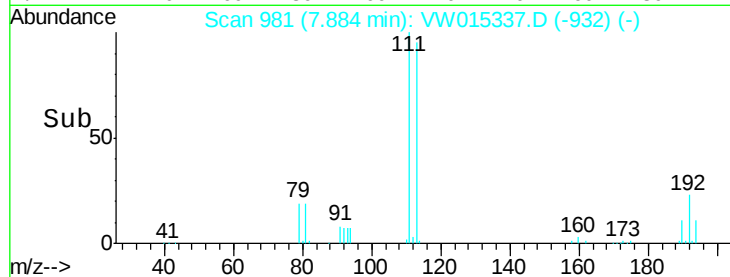
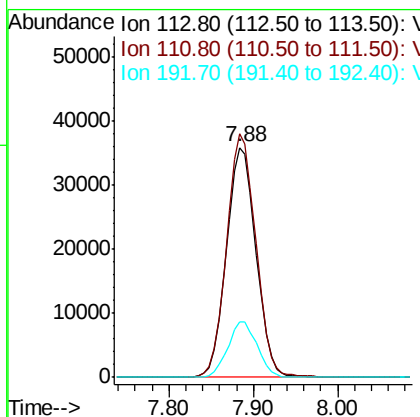
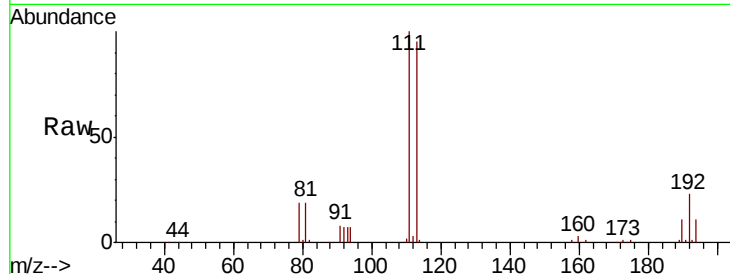




#35
 Dibromofluoromethane
 Concen: 51.169 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015337.D
 Acq: 24 Apr 2020 12:39

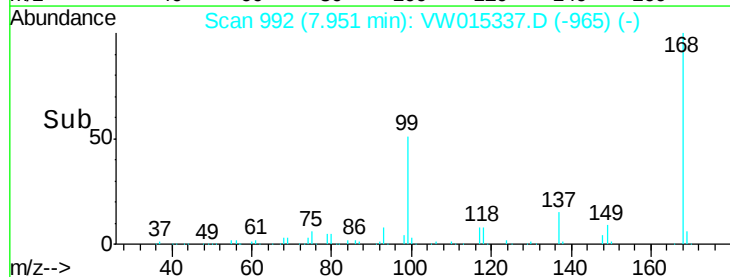
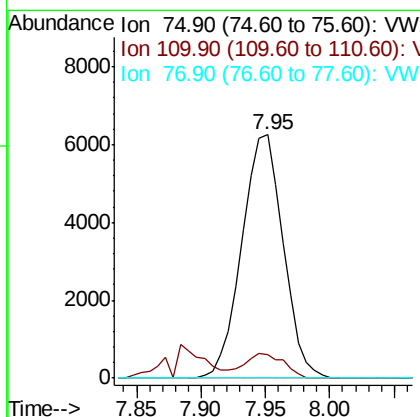
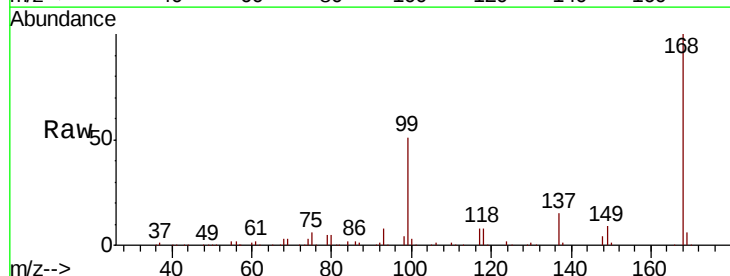
Instrument :
 MSVOA_W
 ClientSampleId :

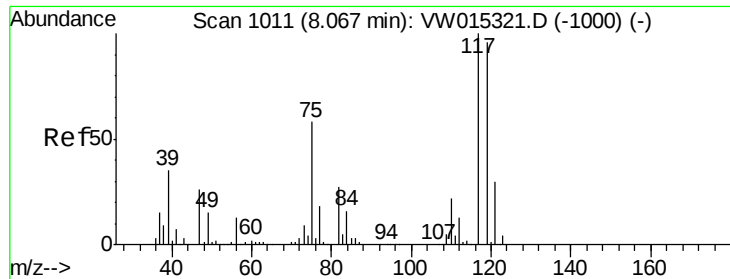
Tot Ion:113 Resp: 85791
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.0 124.4
 192 23.9 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.091 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015337.D
 Acq: 24 Apr 2020 12:39

Tgt Ion: 75 Resp: 13907
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.2 54.6#
 77 0.0 24.5 36.7#

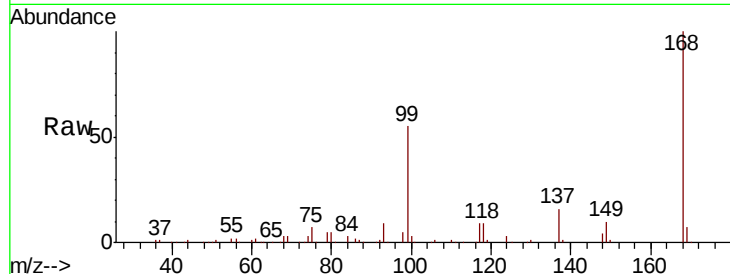




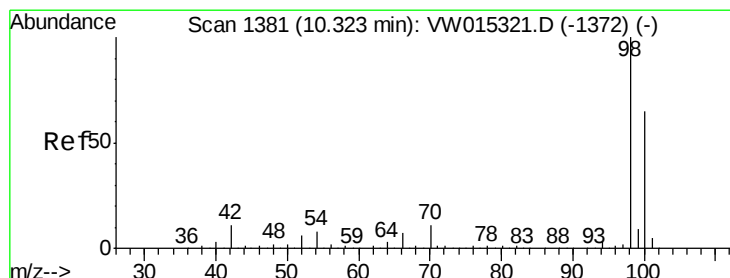
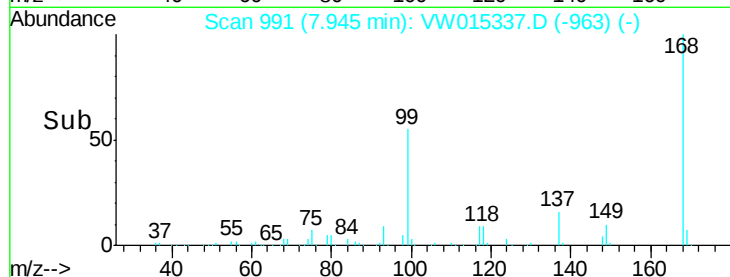
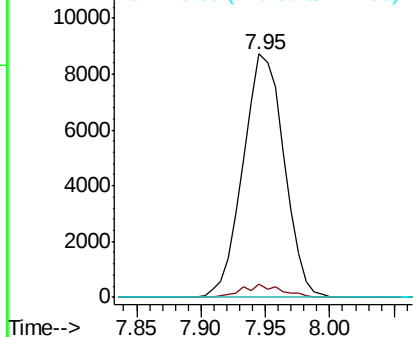
#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015337.D
Acq: 24 Apr 2020 12:39

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 19296
Ion Ratio Lower Upper
117 100
119 5.6 72.3 108.5#
121 0.0 23.7 35.5#

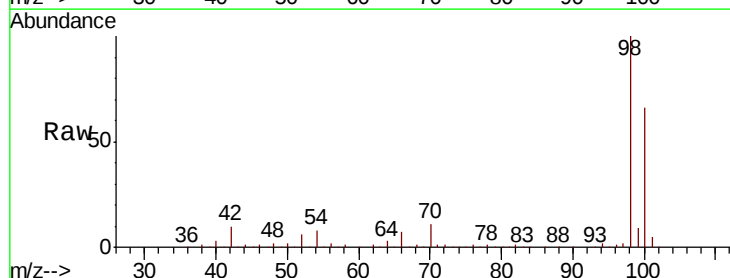


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

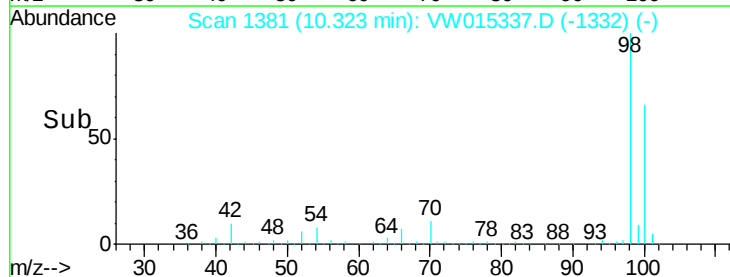
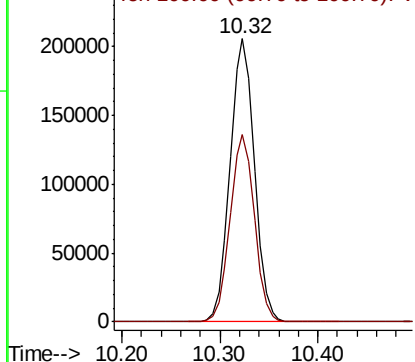


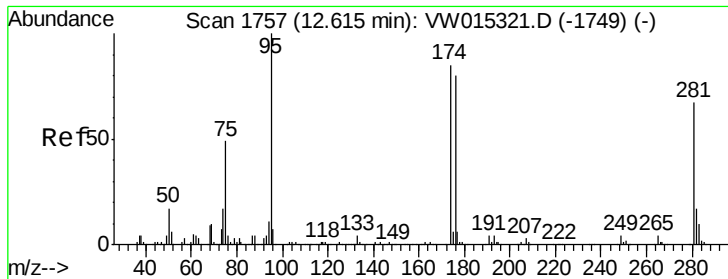
#50
Toluene-d8
Concen: 50.415 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015337.D
Acq: 24 Apr 2020 12:39

Tgt Ion: 98 Resp: 355577
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

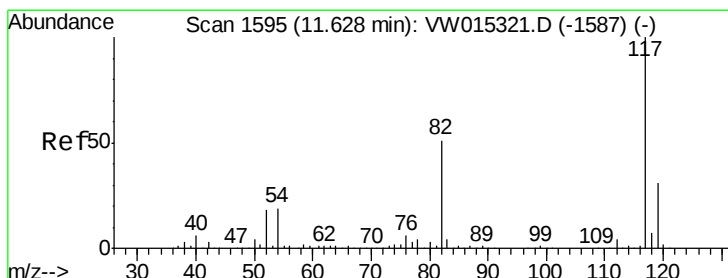
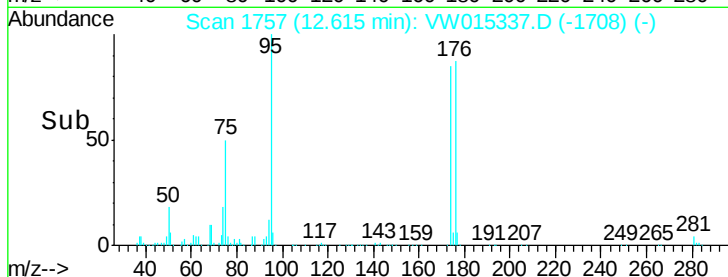
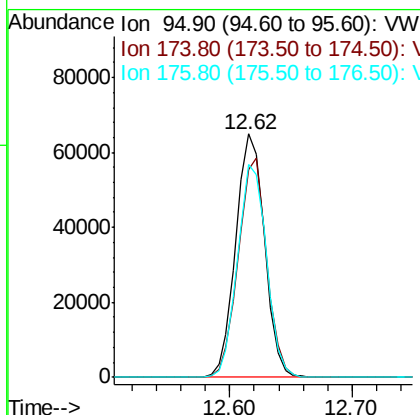
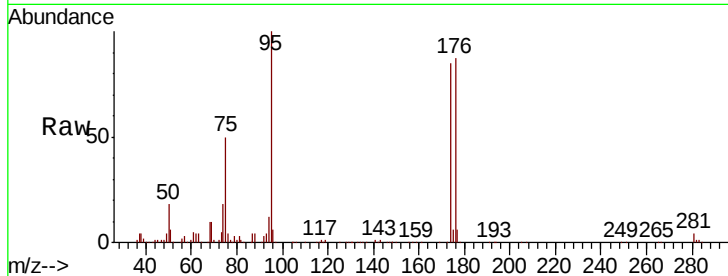




#62
4-Bromofluorobenzene
Concen: 39.275 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015337.D
Acq: 24 Apr 2020 12:39

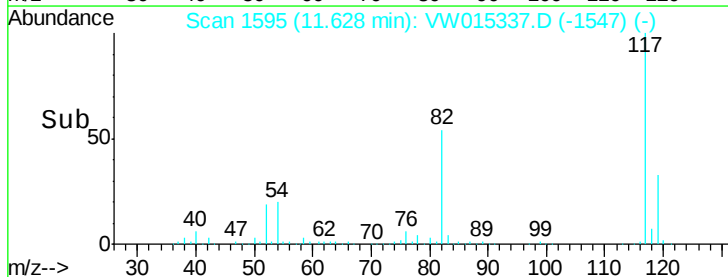
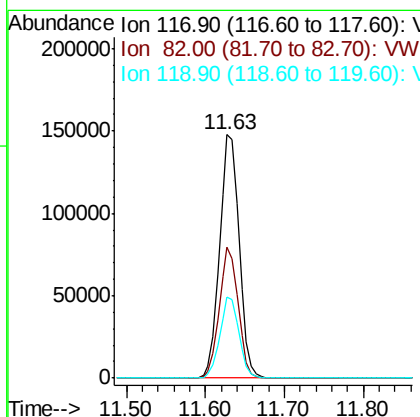
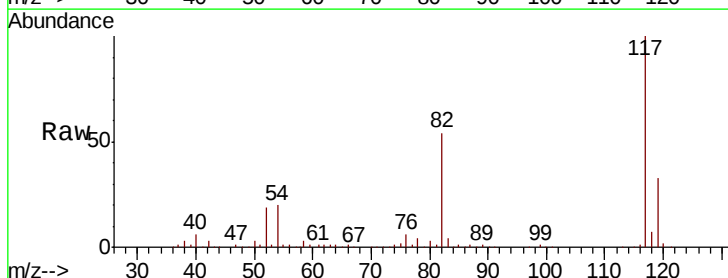
Instrument :
MSVOA_W
ClientSampleId :

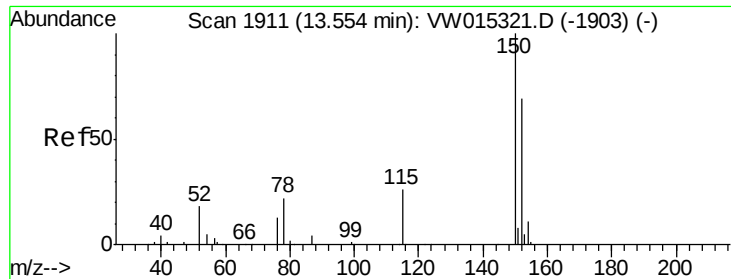
Tot Ion	95	Resp	105691
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	144.4
176	88.2	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015337.D
Acq: 24 Apr 2020 12:39

Tgt Ion	117	Resp	254562
Ion Ratio	Lower	Upper	
117	100		
82	53.7	44.1	66.1
119	33.2	24.9	37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015337.D

Acq: 24 Apr 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

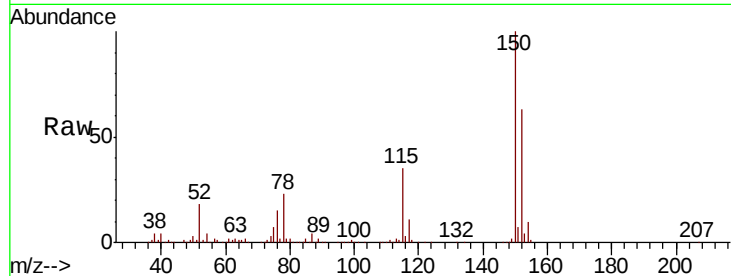
Tot Ion:152 Resp: 92294

Ion Ratio Lower Upper

152 100

115 54.1 31.3 93.9

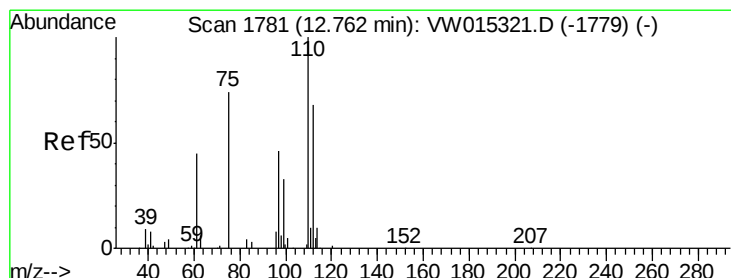
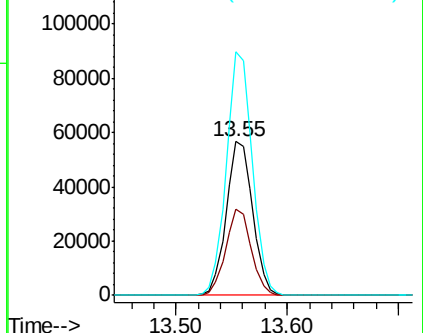
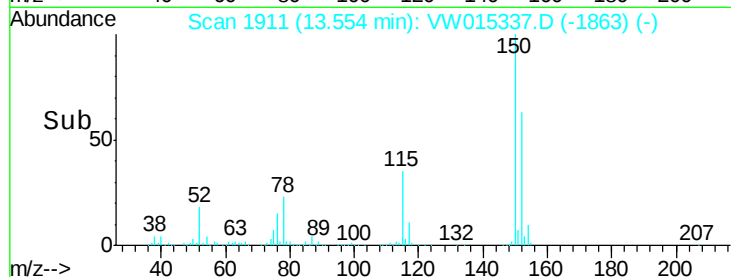
150 156.4 0.0 343.4



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: 73.622 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015337.D

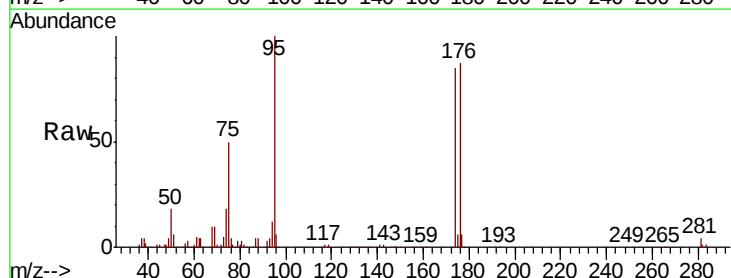
Acq: 24 Apr 2020 12:39

Tgt Ion: 75 Resp: 52566

Ion Ratio Lower Upper

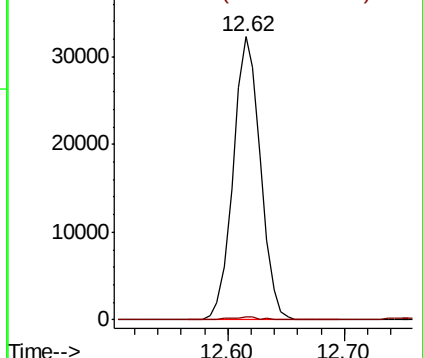
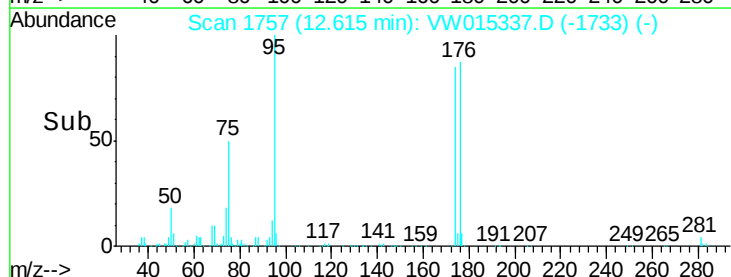
75 100

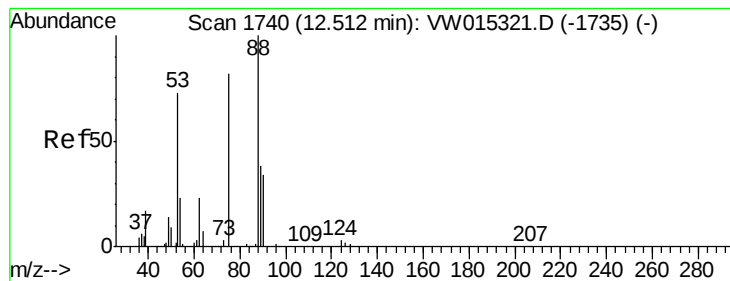
77 1.1 0.0 0.0#



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: 160.939 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015337.D

Acq: 24 Apr 2020 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 52566

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#

