

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015339.D
 Acq On : 24 Apr 2020 13:30
 Operator : SY/VA
 Sample : L2399-06
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:48:41 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

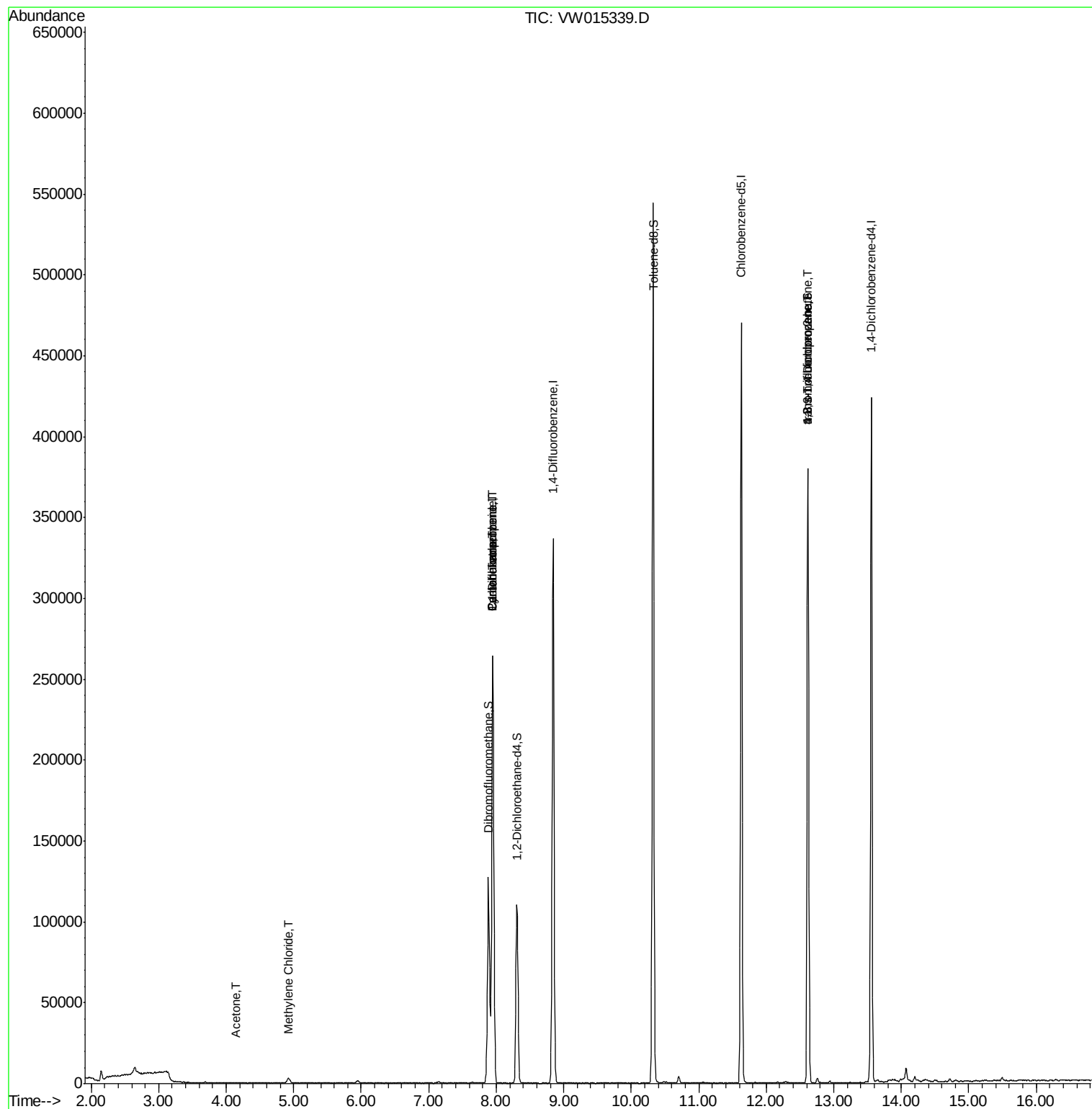
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	303331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86887	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
35) Dibromofluoromethane	7.88	113	86796	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.32	98	366051	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.62	95	121555	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1159	3.723	ug/l #	72
20) Methylene Chloride	4.92	84	2755	1.350	ug/l #	80
31) Cyclohexane	7.95	56	3766	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14214	5.192	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19348	6.467	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	60291	63.639	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60291	139.116	ug/l #	15

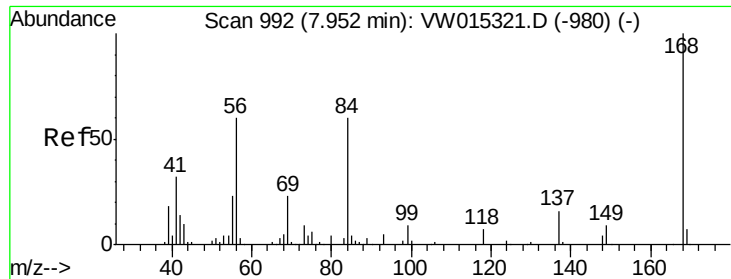
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015339.D

Acq: 24 Apr 2020 13:30

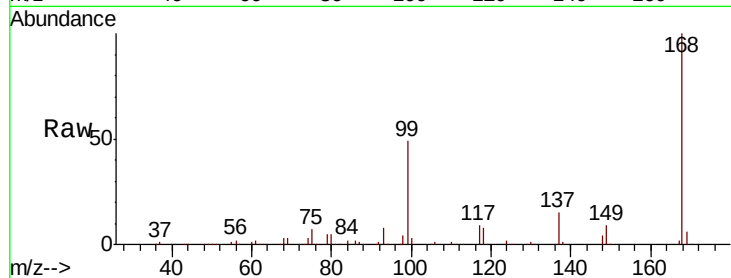
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 217955

Ion Ratio Lower Upper

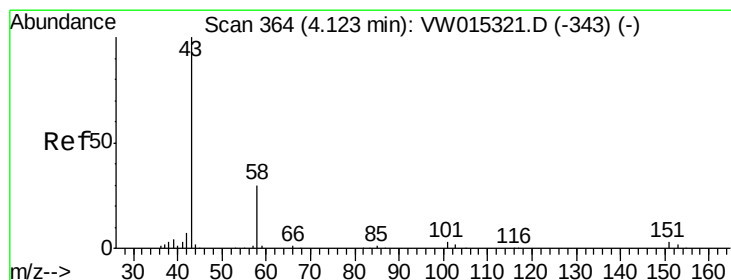
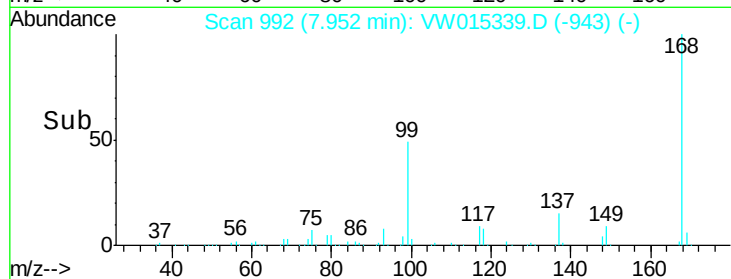
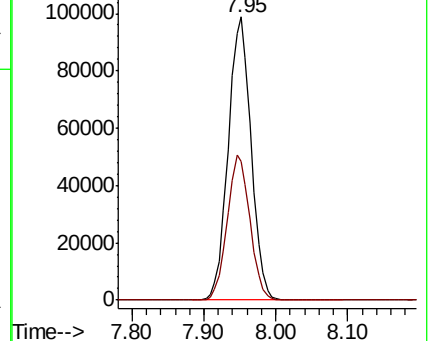
168 100

99 48.9 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: 3.723 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015339.D

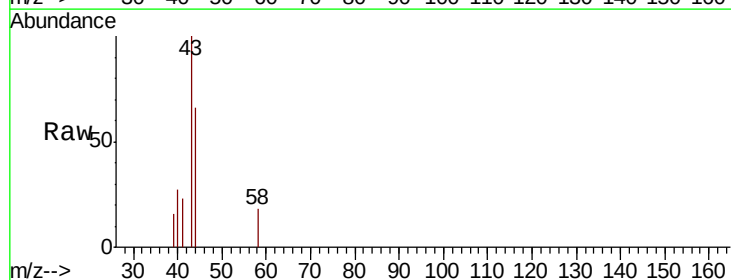
Acq: 24 Apr 2020 13:30

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

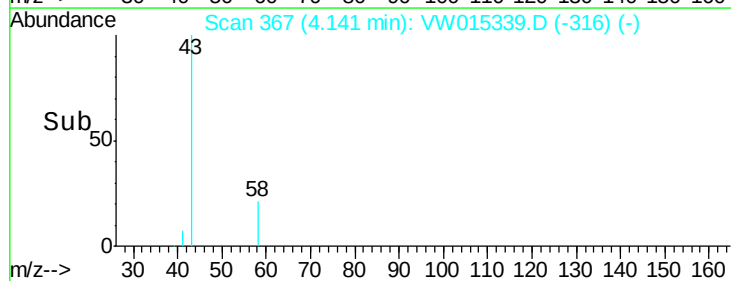
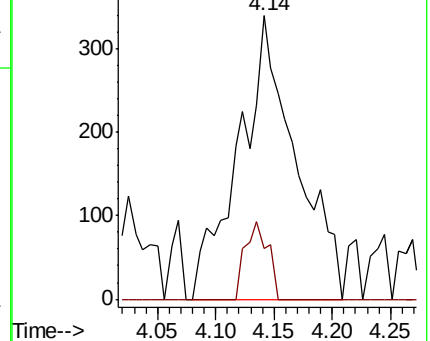
43 100

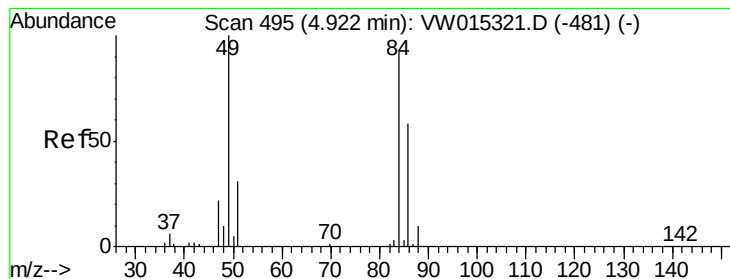
58 17.6 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.350 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015339.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 2755

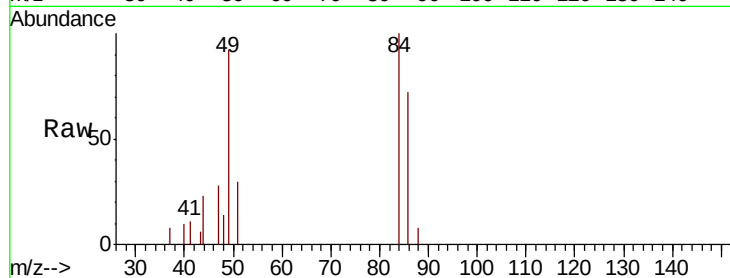
Ion Ratio Lower Upper

84 100

49 92.2 95.4 143.0#

51 29.9 29.8 44.8

86 72.2 47.4 71.0#

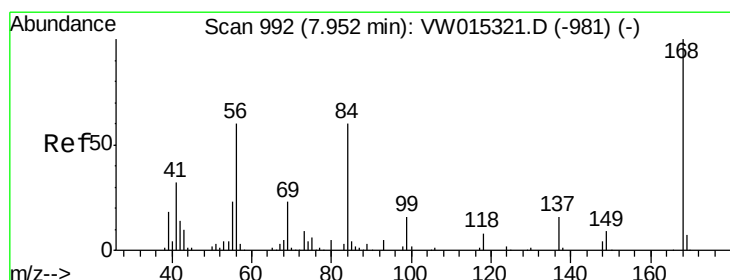
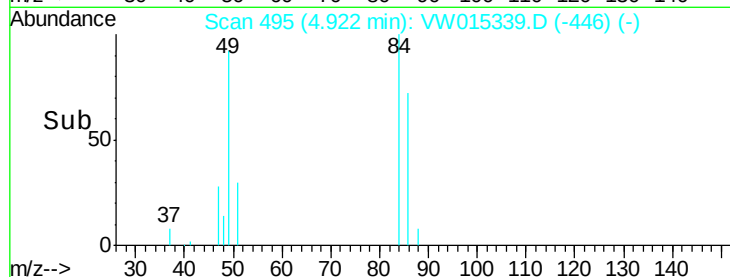
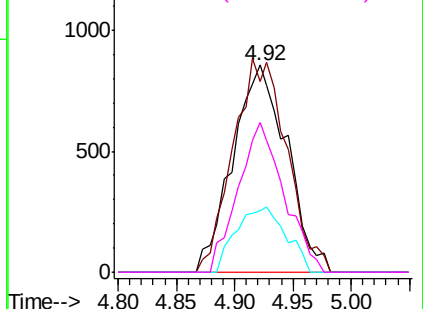


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.143 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015339.D

Acq: 24 Apr 2020 13:30

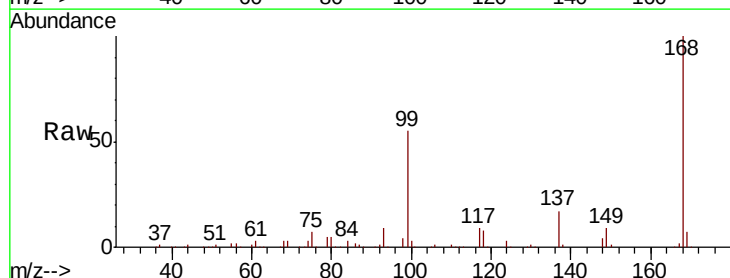
Tgt Ion: 56 Resp: 3766

Ion Ratio Lower Upper

56 100

69 176.1 27.1 40.7#

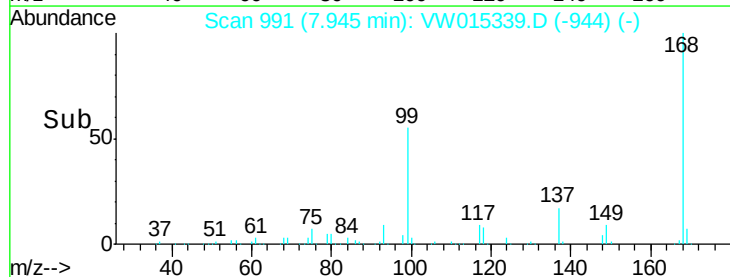
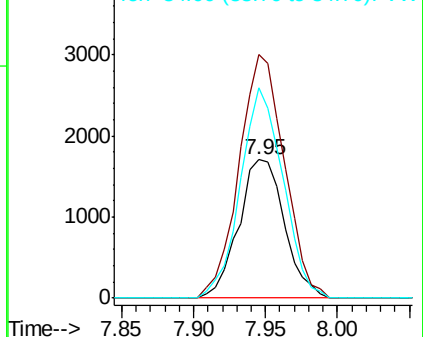
84 152.3 71.9 107.9#

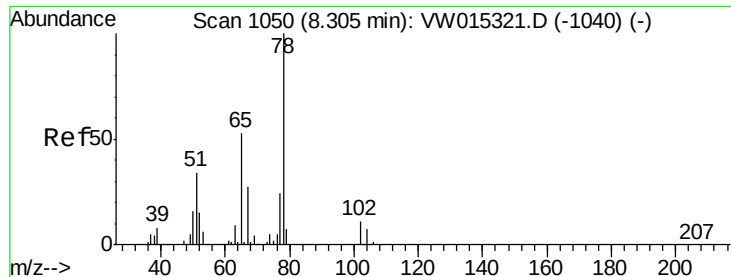


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 48.749 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015339.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_W

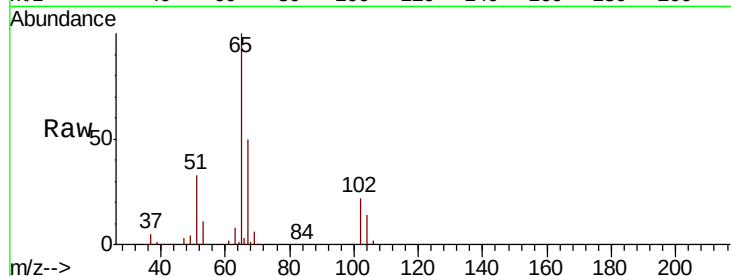
ClientSampleId :

Tot Ion: 65 Resp: 86887

Ion Ratio Lower Upper

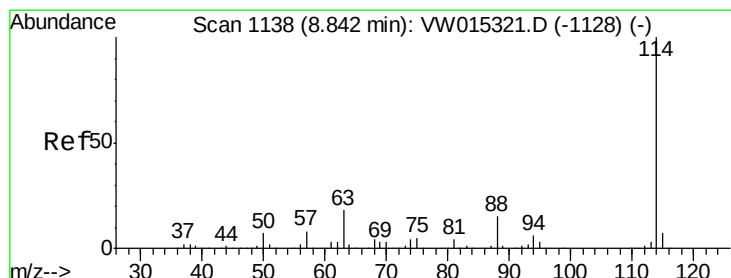
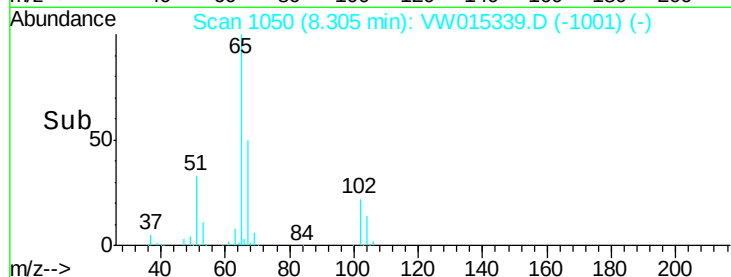
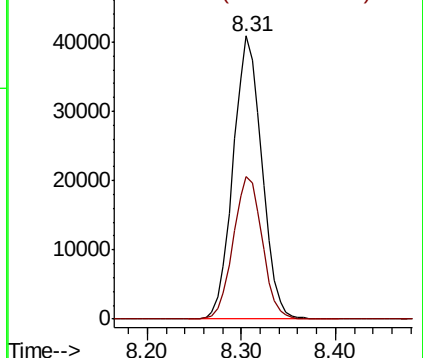
65 100

67 50.9 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: VW015339.D

Acq: 24 Apr 2020 13:30

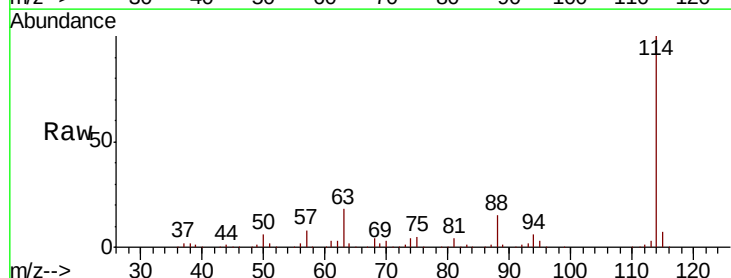
Tgt Ion: 114 Resp: 303331

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.8

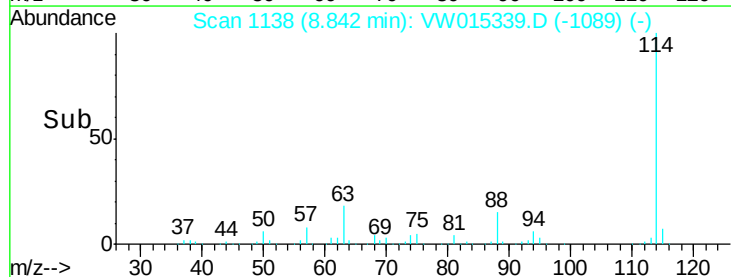
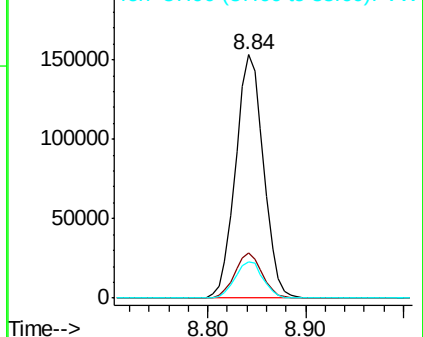
88 14.8 0.0 30.2

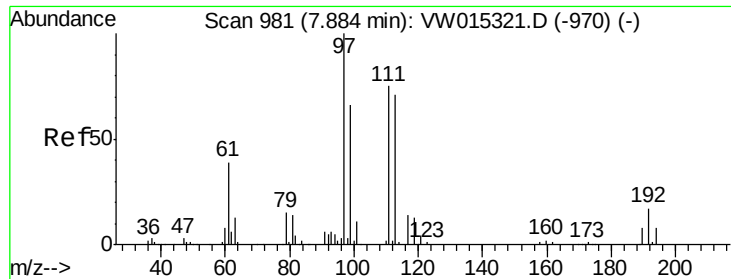


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

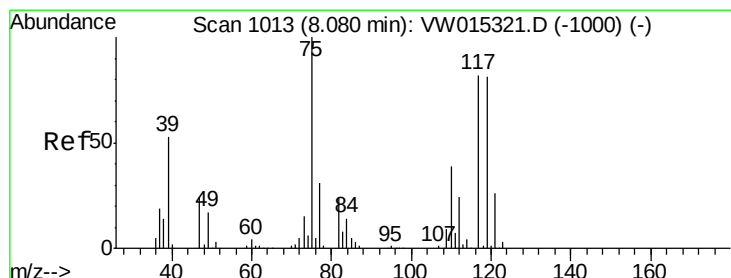
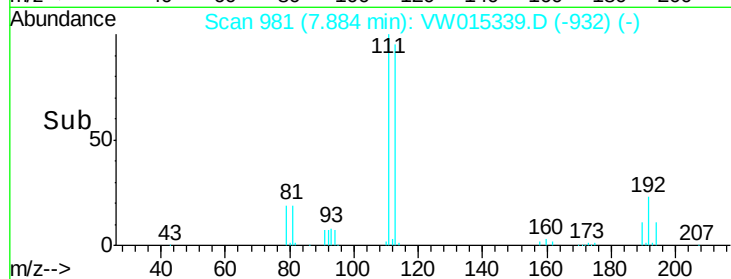
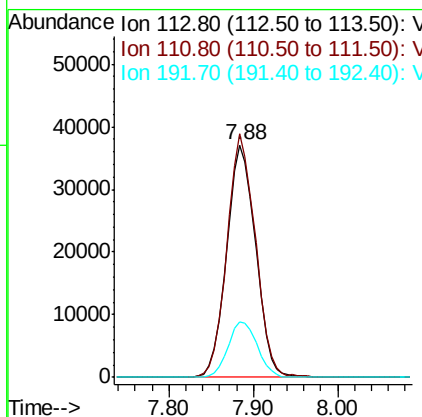
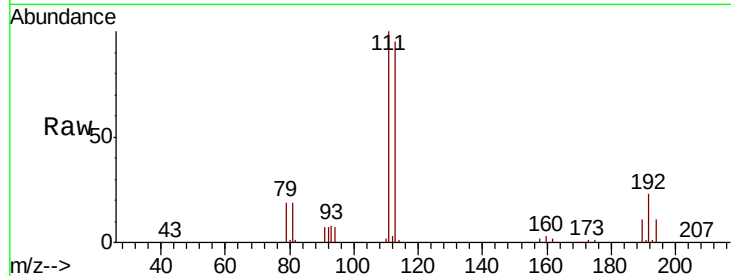




#35
 Dibromofluoromethane
 Concen: 51.658 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015339.D
 Acq: 24 Apr 2020 13:30

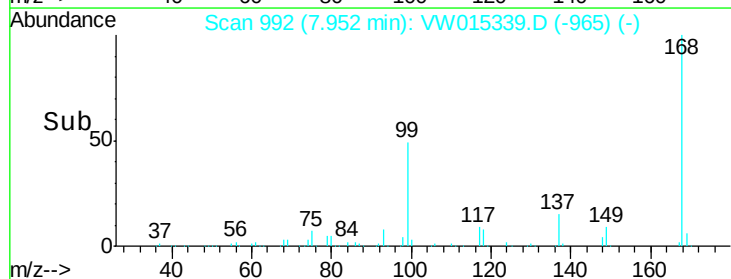
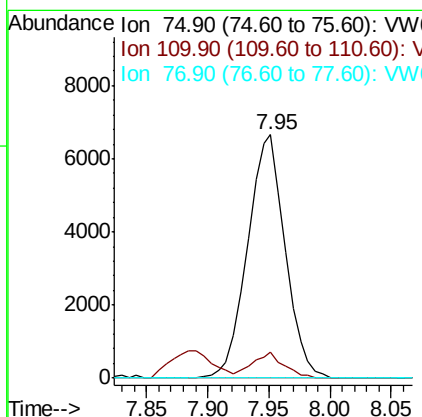
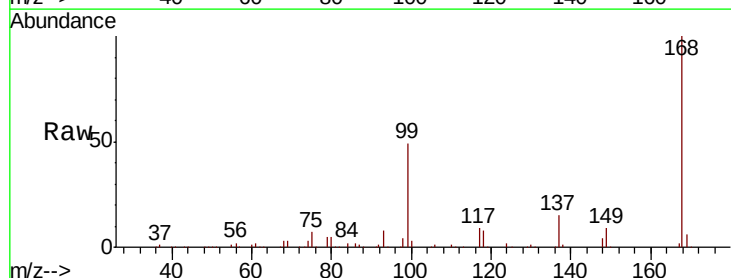
Instrument :
 MSVOA_W
 ClientSampled :

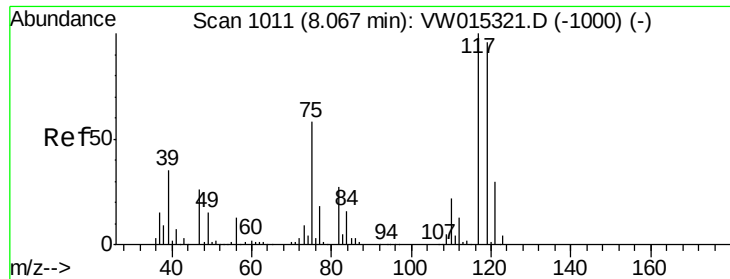
Tot Ion:113 Resp: 86796
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 23.9 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.192 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015339.D
 Acq: 24 Apr 2020 13:30

Tgt Ion: 75 Resp: 14214
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.2 54.6#
 77 0.0 24.5 36.7#

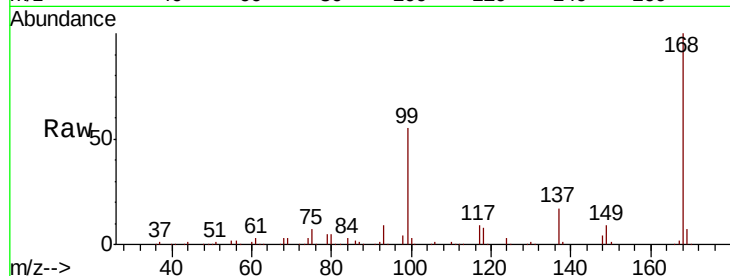




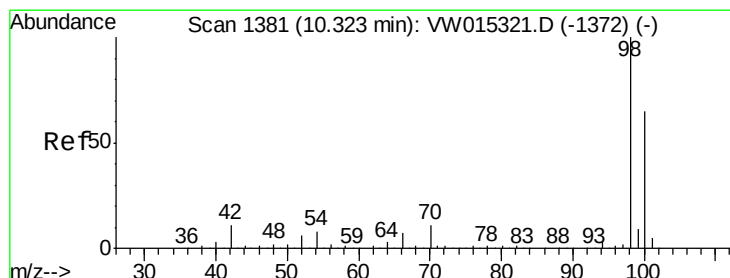
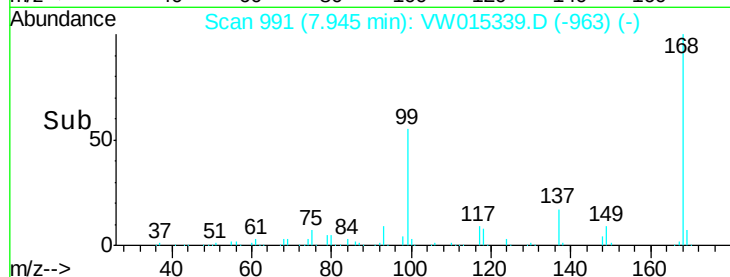
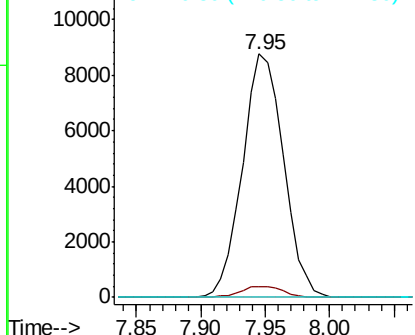
#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015339.D
Acq: 24 Apr 2020 13:30

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 19348
Ion Ratio Lower Upper
117 100
119 4.4 72.3 108.5#
121 0.0 23.7 35.5#

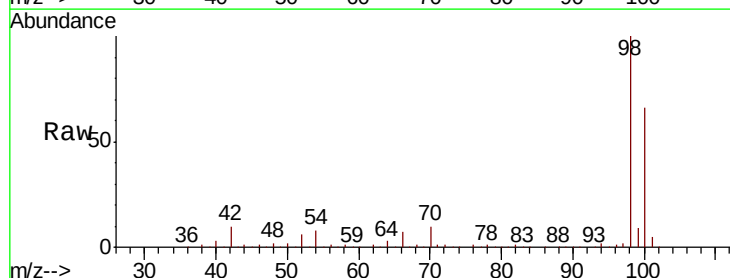


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

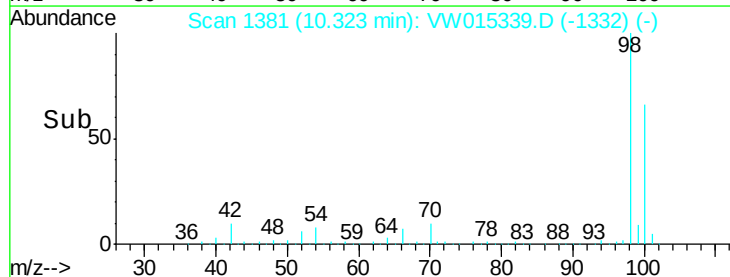
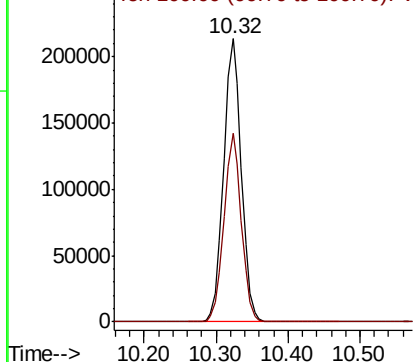


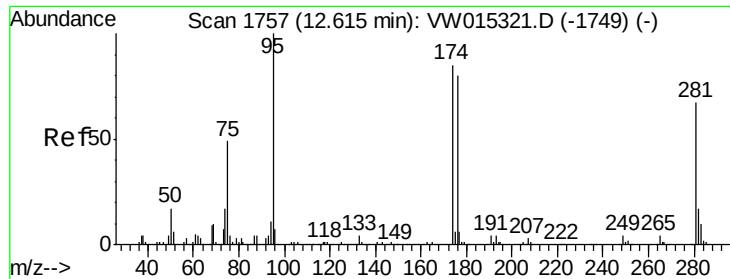
#50
Toluene-d8
Concen: 51.789 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015339.D
Acq: 24 Apr 2020 13:30

Tgt Ion: 98 Resp: 366051
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3



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

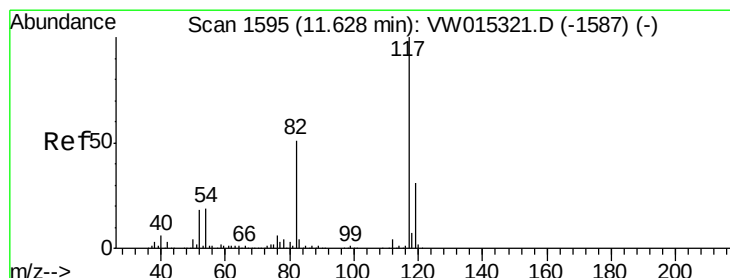
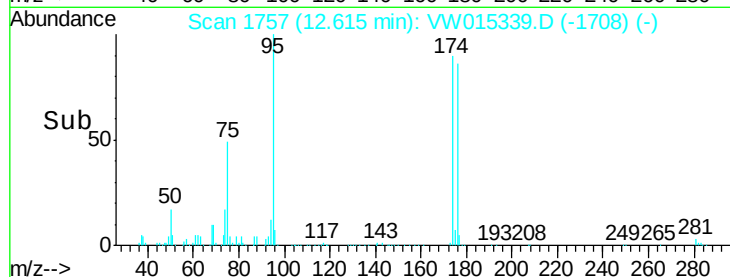
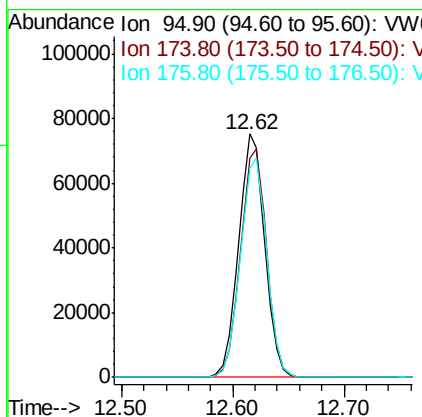
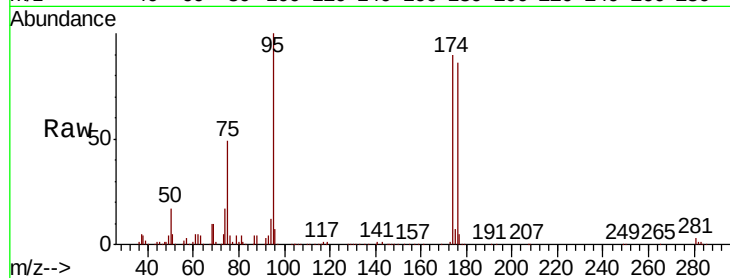




#62
4-Bromofluorobenzene
Concen: 45.073 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015339.D
Acq: 24 Apr 2020 13:30

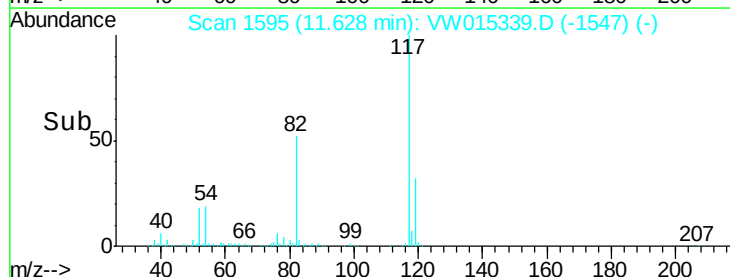
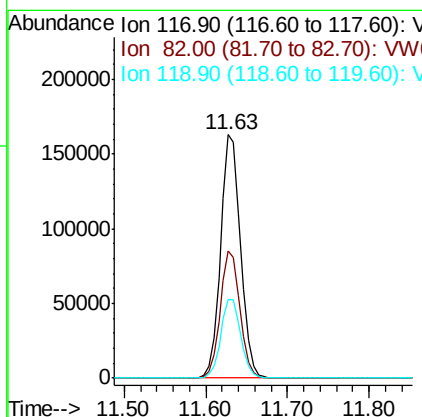
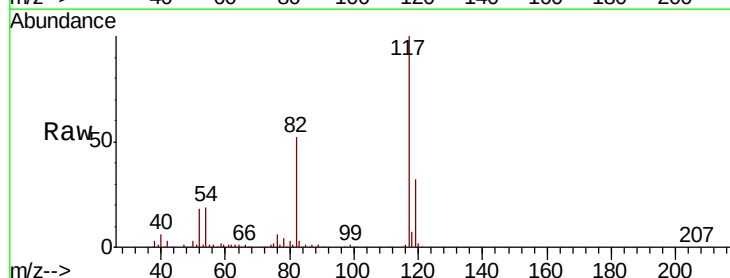
Instrument :
MSVOA_W
ClientSampleId :

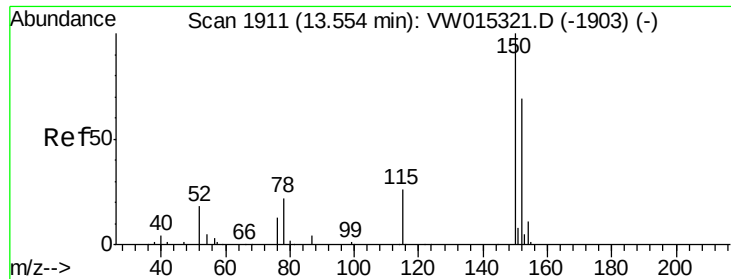
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	144.4
176	91.4	0.0	140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015339.D
Acq: 24 Apr 2020 13:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	44.1	66.1
119	32.1	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: VW015339.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_W

ClientSampleId :

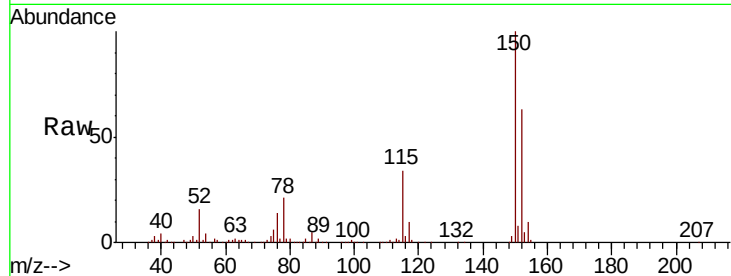
Tot Ion:152 Resp: 122463

Ion Ratio Lower Upper

152 100

115 54.9 31.3 93.9

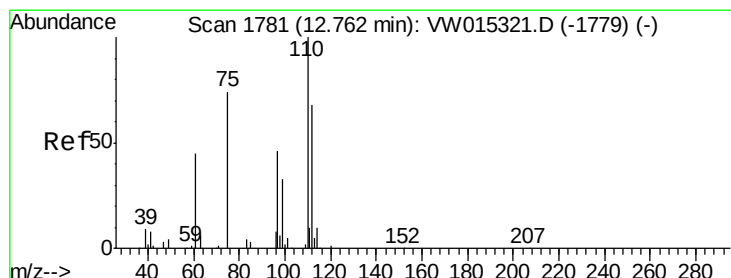
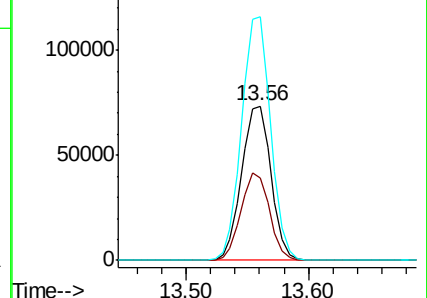
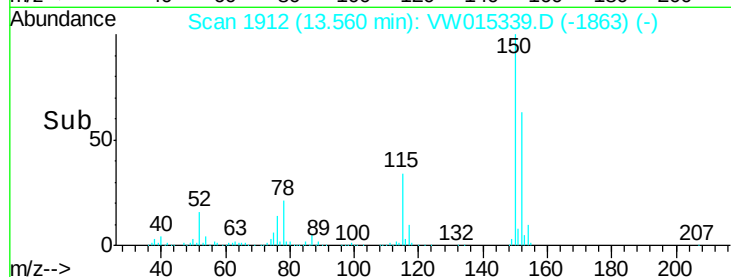
150 155.6 0.0 343.4



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: 63.639 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015339.D

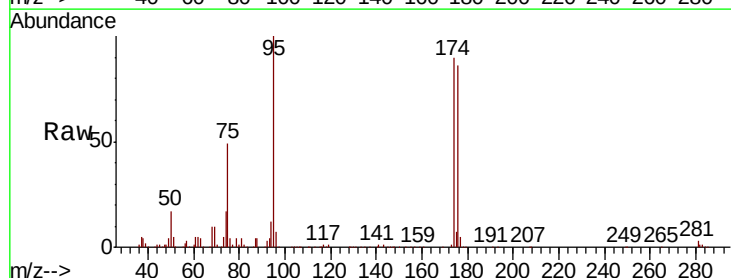
Acq: 24 Apr 2020 13:30

Tgt Ion: 75 Resp: 60291

Ion Ratio Lower Upper

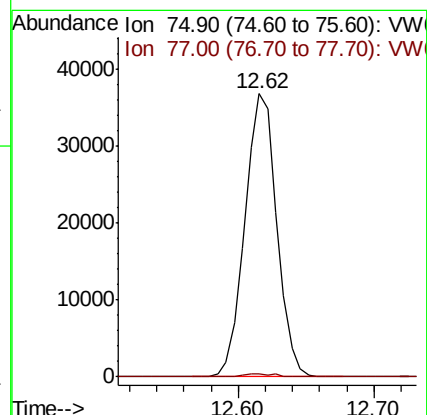
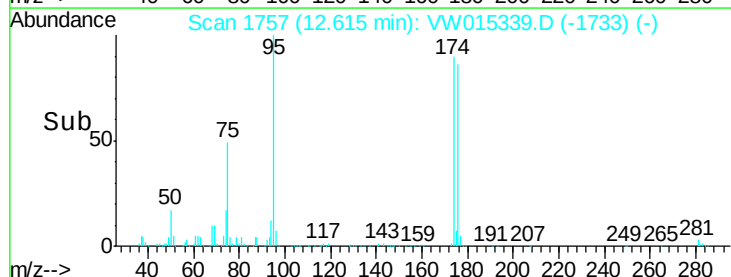
75 100

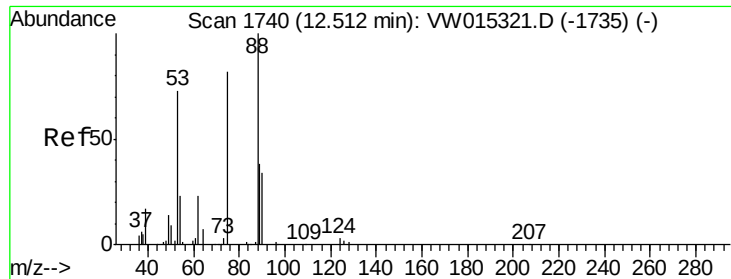
77 1.2 0.0 0.0#



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: 139.116 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015339.D

Acq: 24 Apr 2020 13:30

Instrument :

MSVOA_W

ClientSampleId :

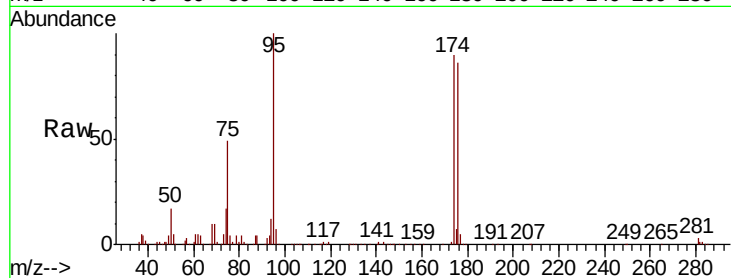
Tot Ion: 75 Resp: 60291

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

