

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015342.D
 Acq On : 24 Apr 2020 14:46
 Operator : SY/VA
 Sample : L2409-02
 Misc : 7.65G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:49:33 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

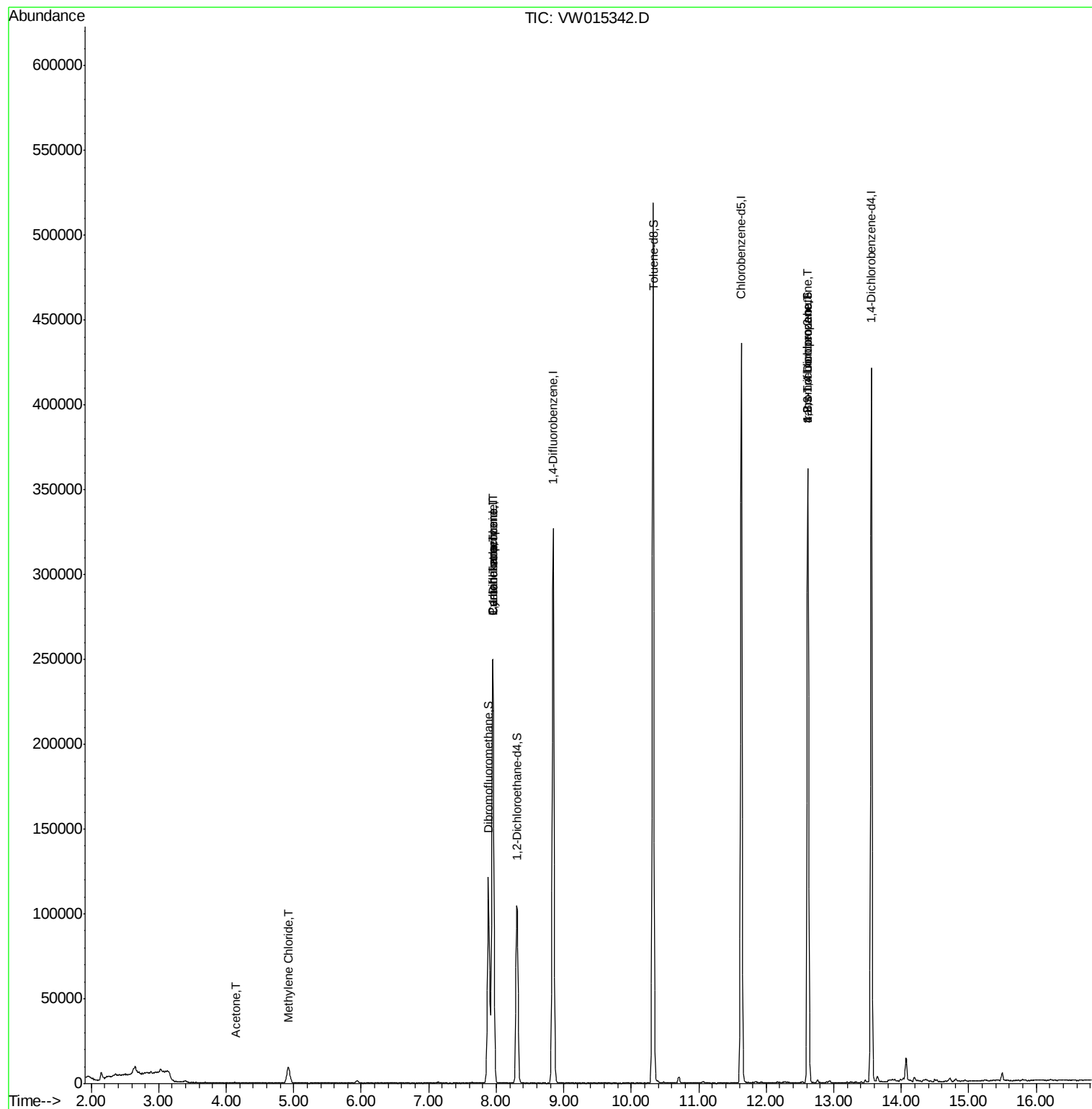
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	293736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84354	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	7.88	113	84094	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.32	98	349880	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.62	95	117332	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	1152	3.801	ug/l #	75
20) Methylene Chloride	4.92	84	7848	3.951	ug/l	95
31) Cyclohexane	7.95	56	3662	1.141	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	13629	5.141	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18636	6.432	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	58602	63.935	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58602	139.763	ug/l #	15

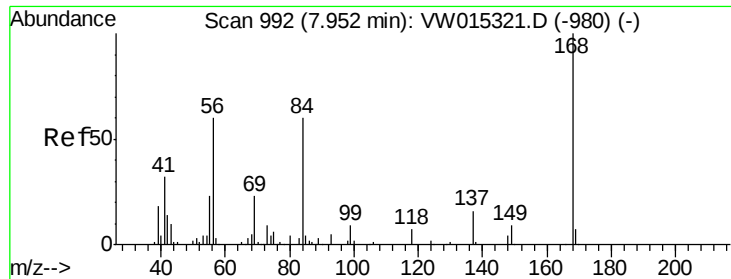
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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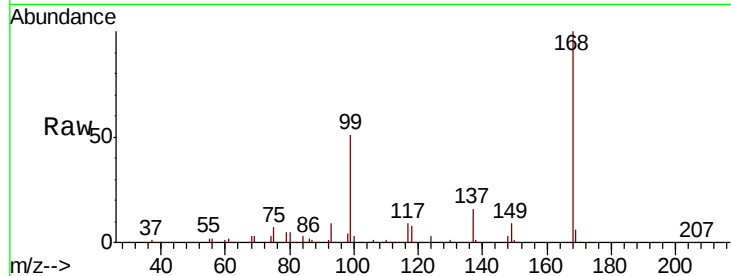


#1

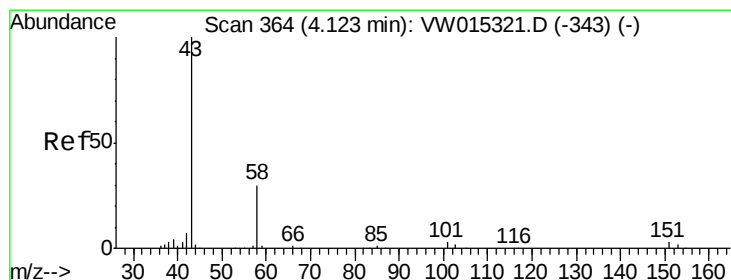
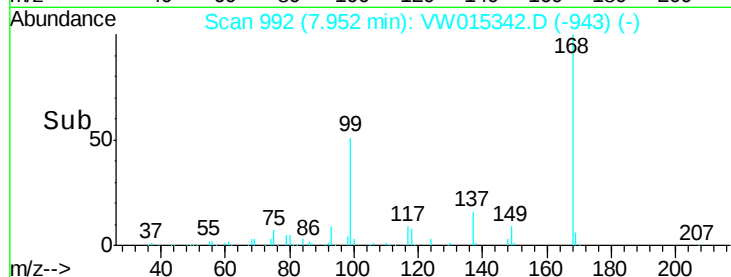
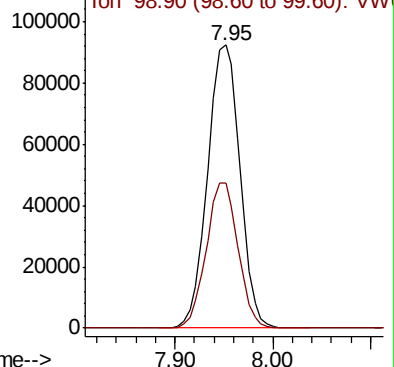
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW015342.D
 Acq: 24 Apr 2020 14:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:168 Resp: 212179
 Ion Ratio Lower Upper
 168 100
 99 51.2 48.5 72.7



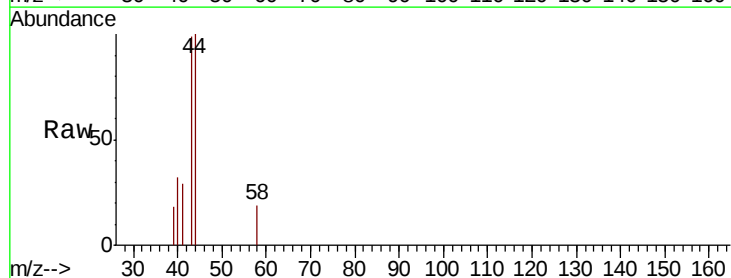
Abundance Ion 167.90 (167.60 to 168.60): V



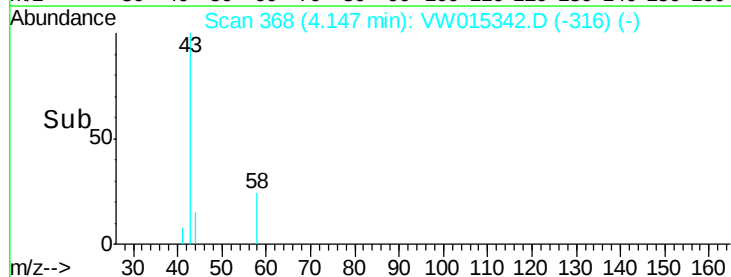
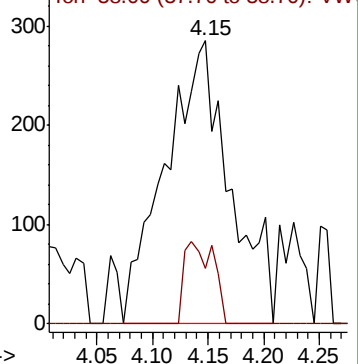
#16

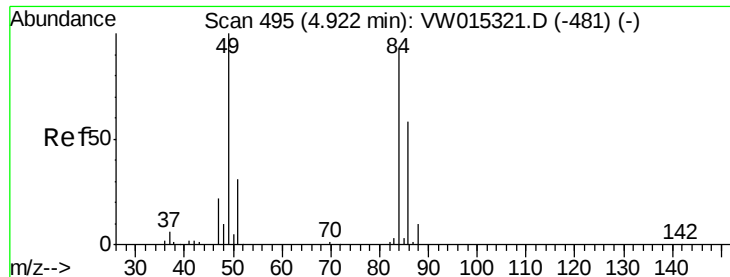
Acetone
 Concen: 3.801 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW015342.D
 Acq: 24 Apr 2020 14:46

Tgt Ion: 43 Resp: 1152
 Ion Ratio Lower Upper
 43 100
 58 19.3 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

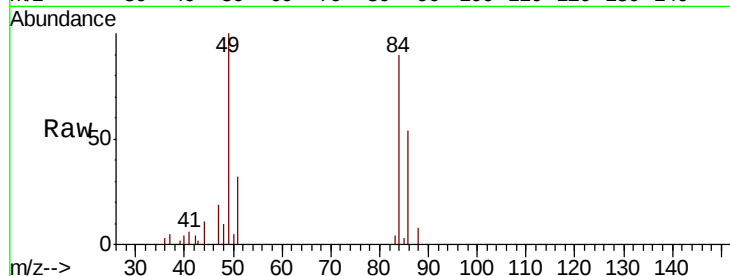




#20
Methvlene Chloride
Concen: 3.951 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015342.D
Acq: 24 Apr 2020 14:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 7848
Ion Ratio Lower Upper
84 100
49 111.4 95.4 143.0
51 35.5 29.8 44.8
86 60.4 47.4 71.0



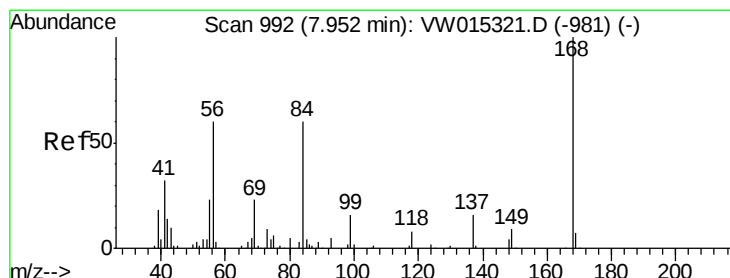
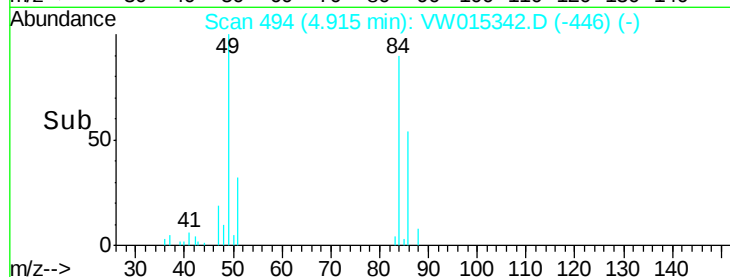
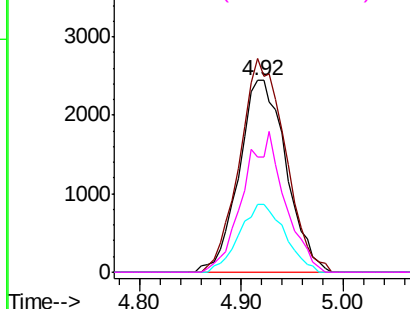
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

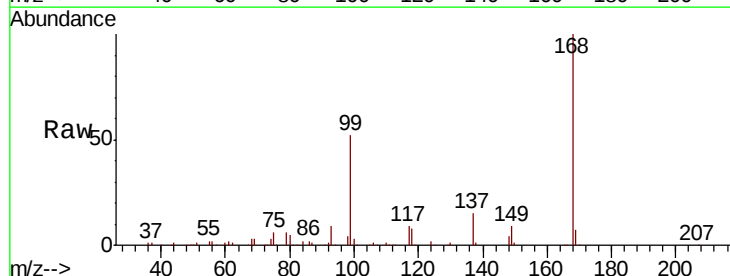
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015342.D
Acq: 24 Apr 2020 14:46

Tgt Ion: 56 Resp: 3662
Ion Ratio Lower Upper
56 100
69 165.1 27.1 40.7#
84 108.3 71.9 107.9#

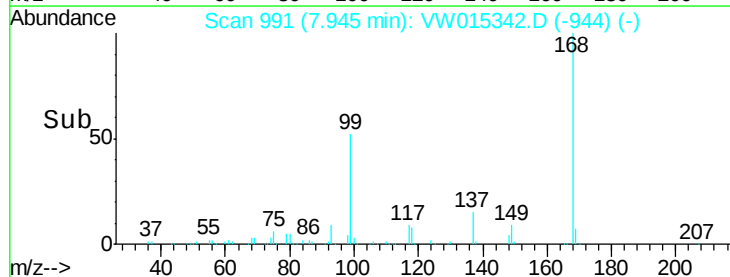
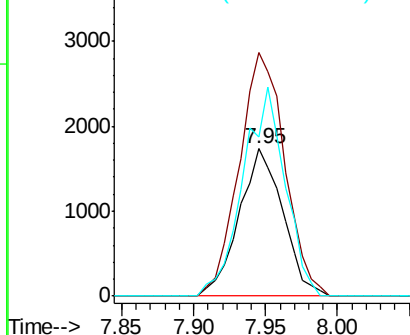


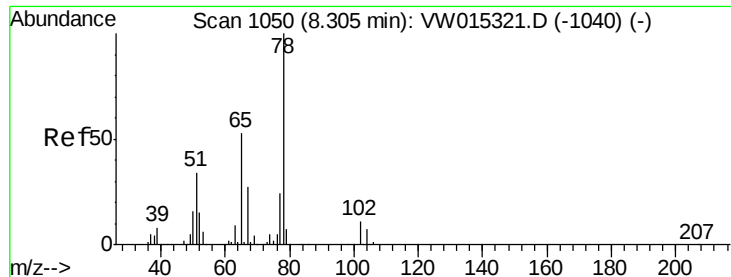
Abundance

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

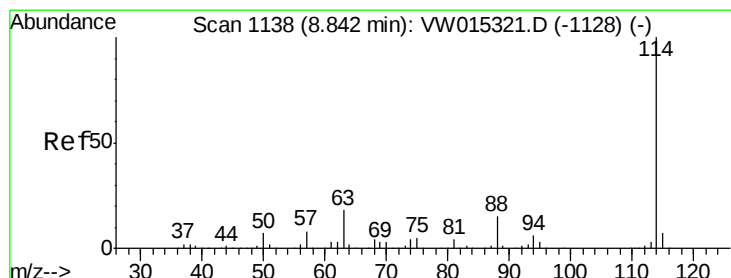
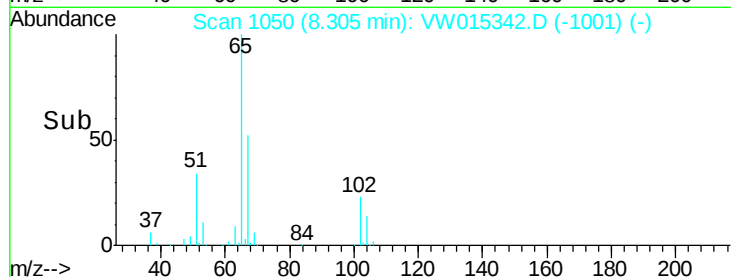
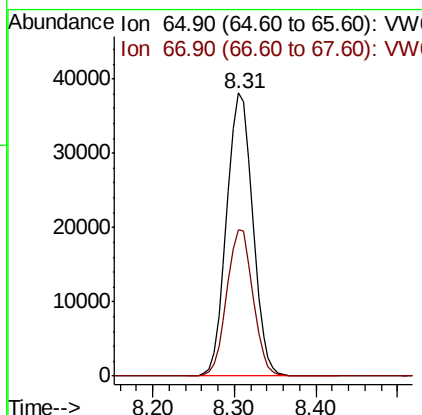
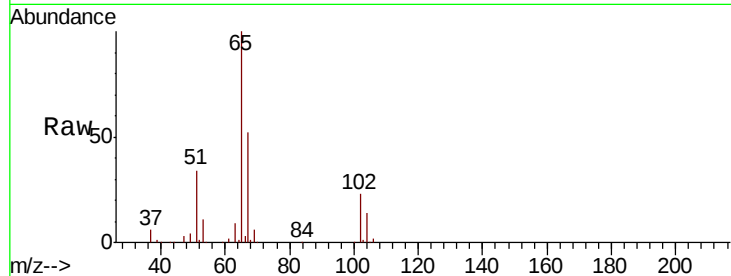




#33
 1,2-Dichloroethane-d4
 Concen: 48.617 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015342.D
 Acq: 24 Apr 2020 14:46

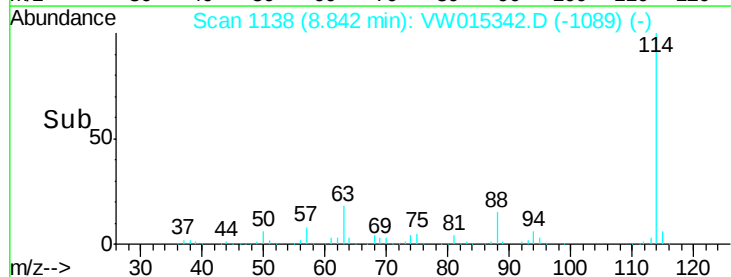
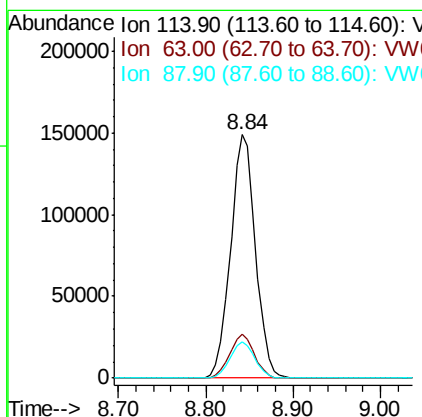
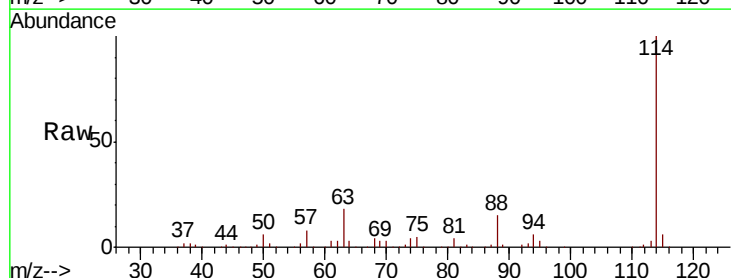
Instrument :
 MSVOA_W
 ClientSampled :

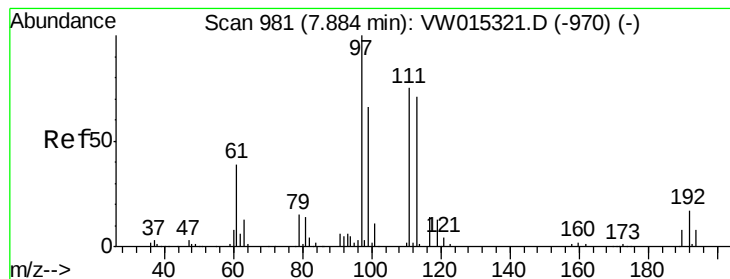
Tot Ion: 65 Resp: 84354
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015342.D
 Acq: 24 Apr 2020 14:46

Tgt Ion: 114 Resp: 293736
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.685 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015342.D

Acq: 24 Apr 2020 14:46

Instrument :

MSVOA_W

ClientSampled :

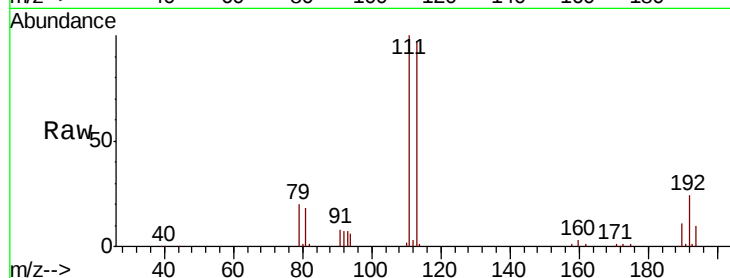
Tot Ion:113 Resp: 84094

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.4

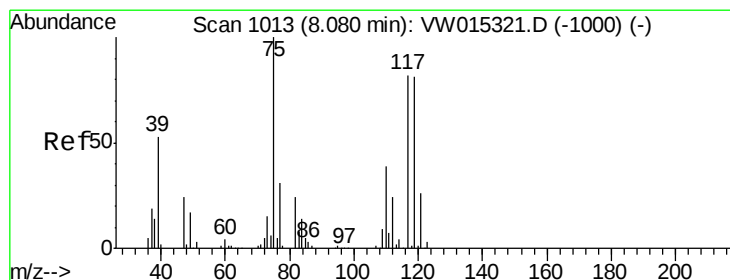
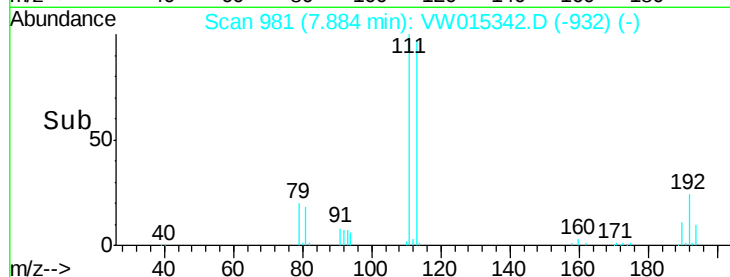
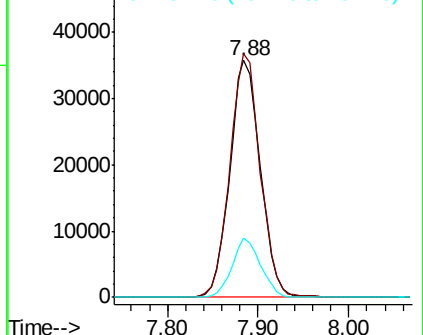
192 23.3 15.1 22.7#



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: 5.141 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015342.D

Acq: 24 Apr 2020 14:46

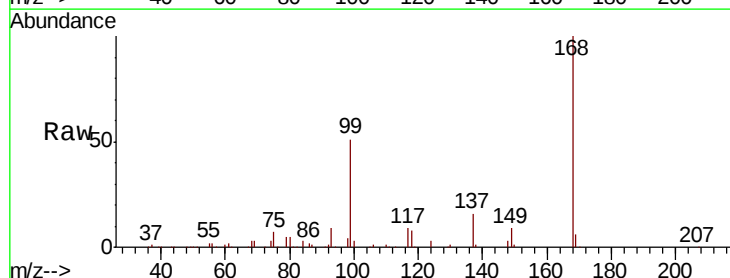
Tgt Ion: 75 Resp: 13629

Ion Ratio Lower Upper

75 100

110 9.5 18.2 54.6#

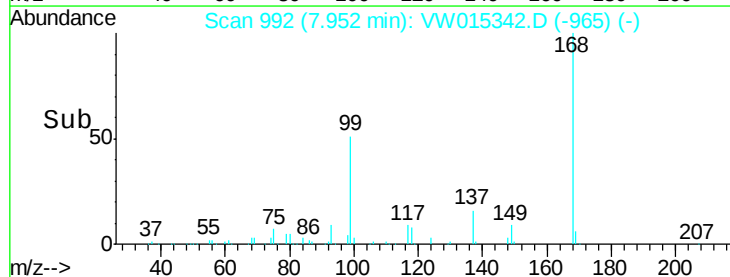
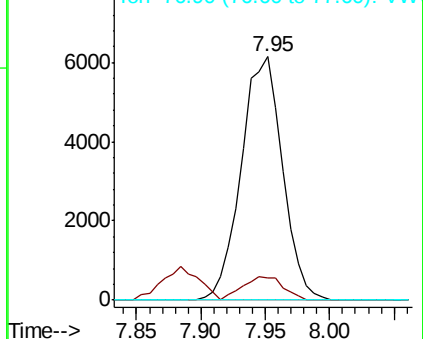
77 0.0 24.5 36.7#

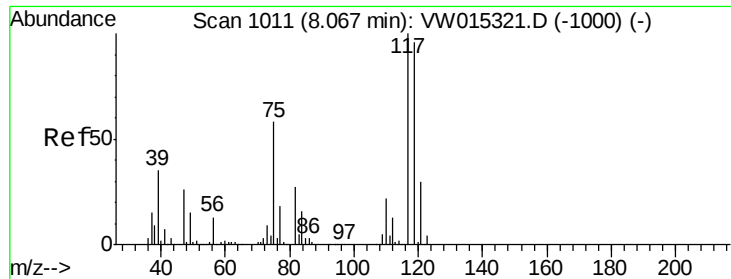


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

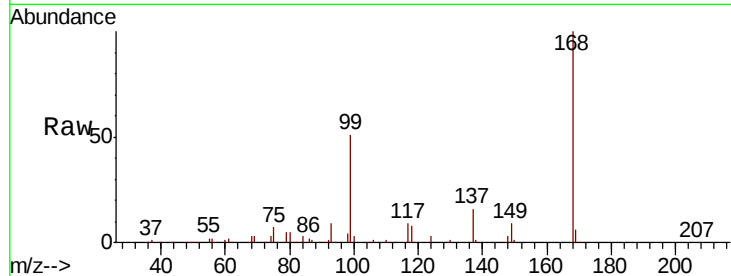




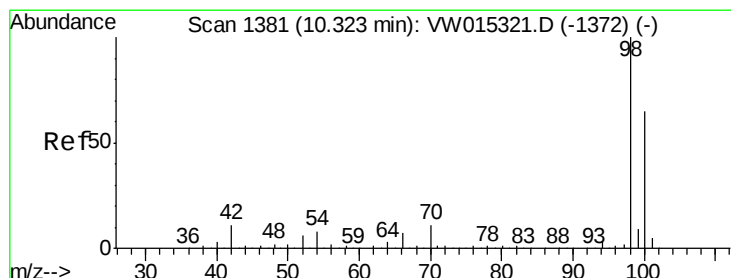
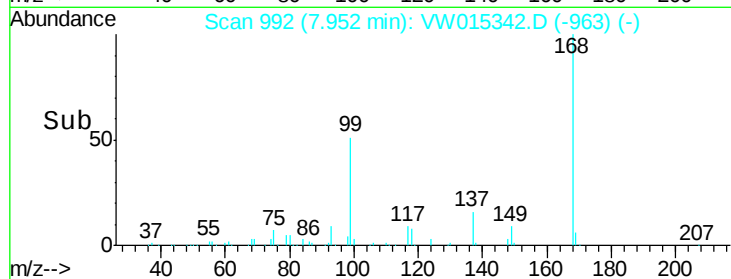
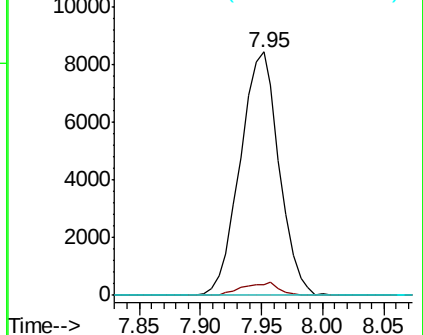
#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015342.D
Acq: 24 Apr 2020 14:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 18636
Ion Ratio Lower Upper
117 100
119 4.2 72.3 108.5#
121 0.0 23.7 35.5#

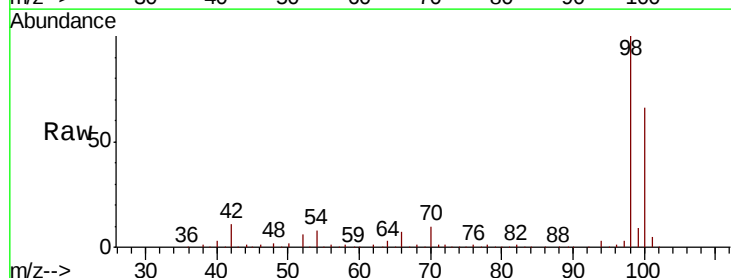


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

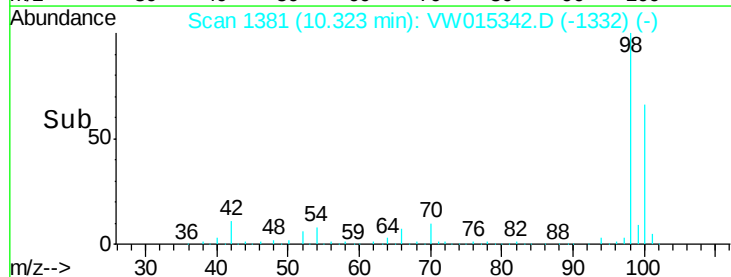
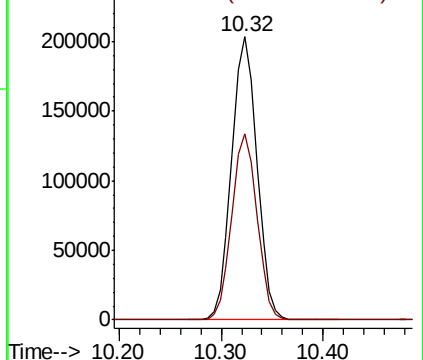


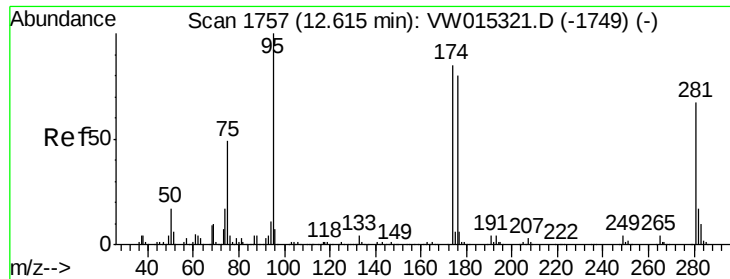
#50
Toluene-d8
Concen: 51.118 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015342.D
Acq: 24 Apr 2020 14:46

Tgt Ion: 98 Resp: 349880
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



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

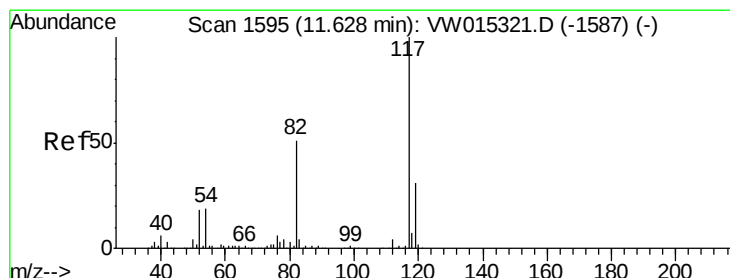
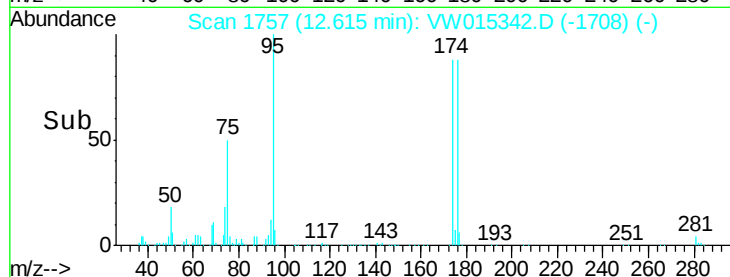
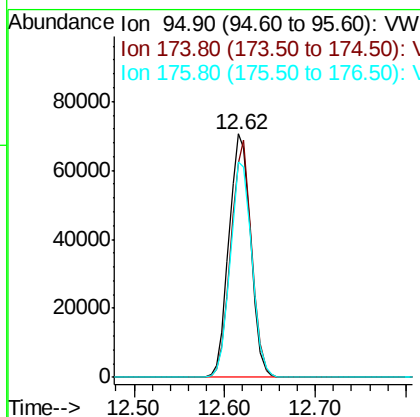
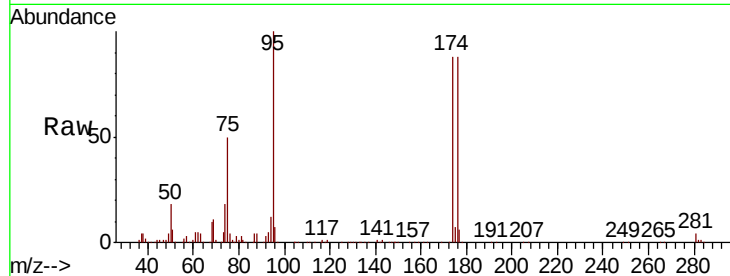




#62
4-Bromofluorobenzene
Concen: 44.929 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015342.D
Acq: 24 Apr 2020 14:46

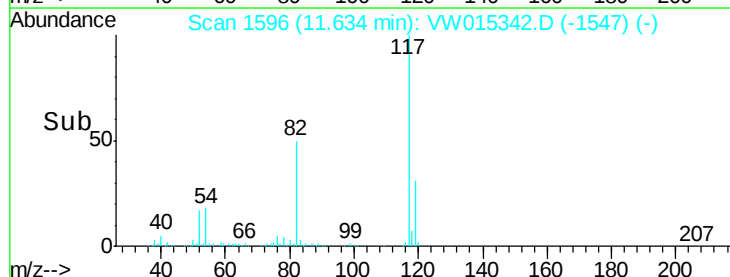
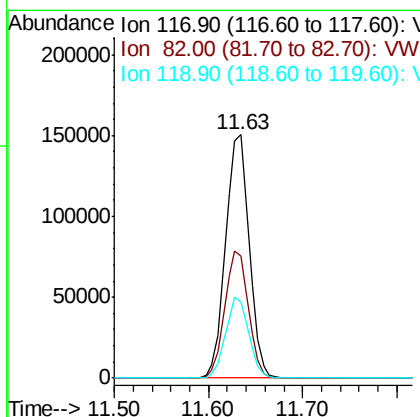
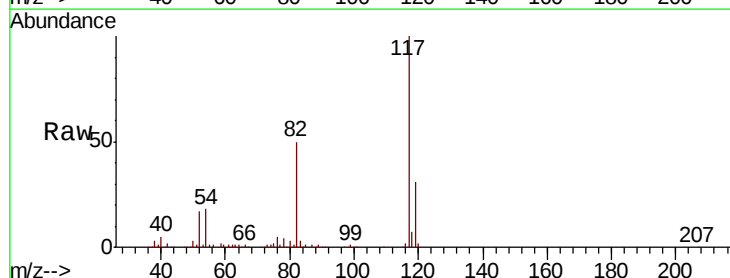
Instrument :
MSVOA_W
ClientSampleId :

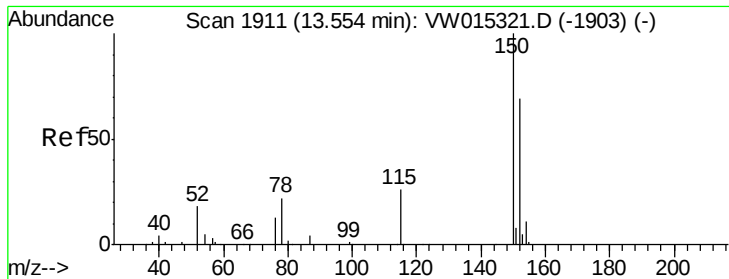
Tot Ion: 95 Resp: 117332
Ion Ratio Lower Upper
95 100
174 92.4 0.0 144.4
176 87.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015342.D
Acq: 24 Apr 2020 14:46

Tgt Ion: 117 Resp: 261911
Ion Ratio Lower Upper
117 100
82 50.3 44.1 66.1
119 31.4 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: VW015342.D

Acq: 24 Apr 2020 14:46

Instrument :

MSVOA_W

ClientSampled :

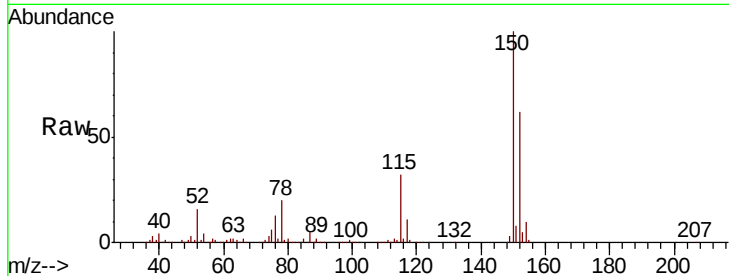
Tot Ion:152 Resp: 118482

Ion Ratio Lower Upper

152 100

115 55.3 31.3 93.9

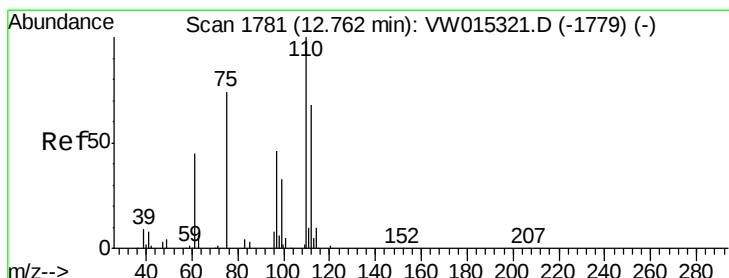
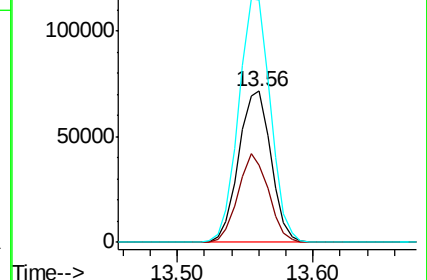
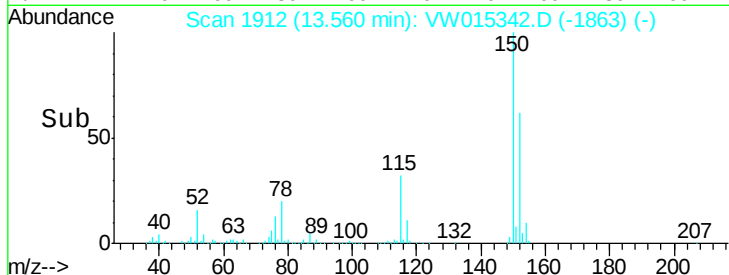
150 159.0 0.0 343.4



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: 63.935 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015342.D

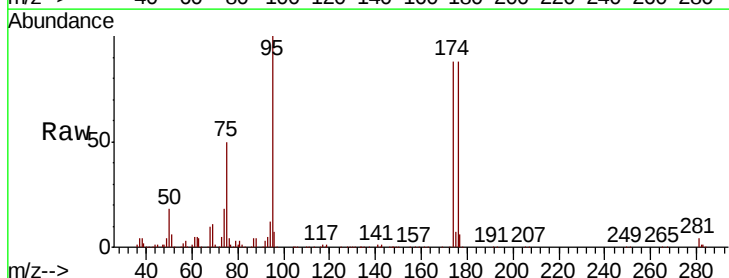
Acq: 24 Apr 2020 14:46

Tgt Ion: 75 Resp: 58602

Ion Ratio Lower Upper

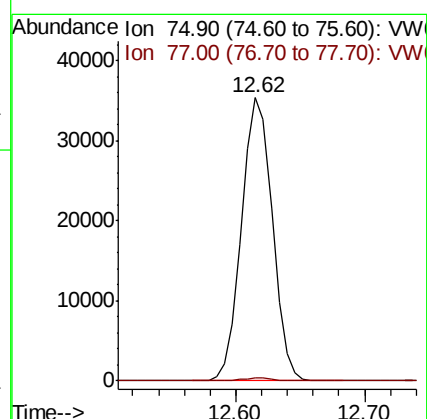
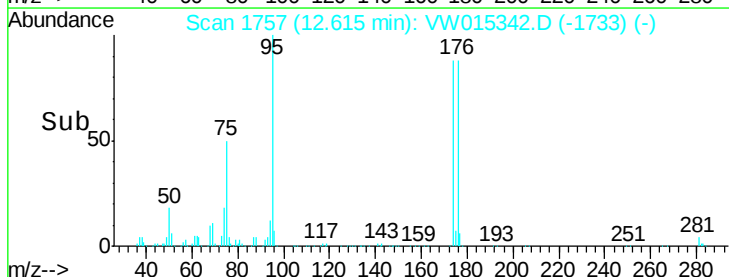
75 100

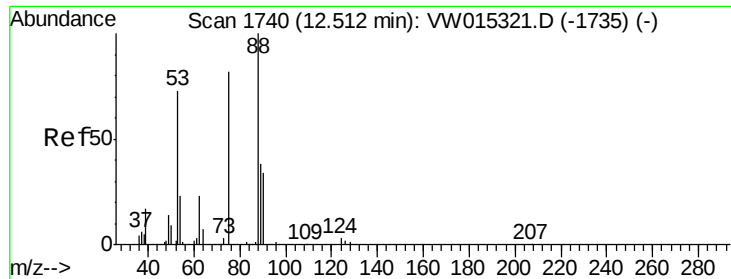
77 1.2 0.0 0.0#



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: 139.763 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015342.D

Acq: 24 Apr 2020 14:46

Instrument :

MSVOA_W

ClientSampleId :

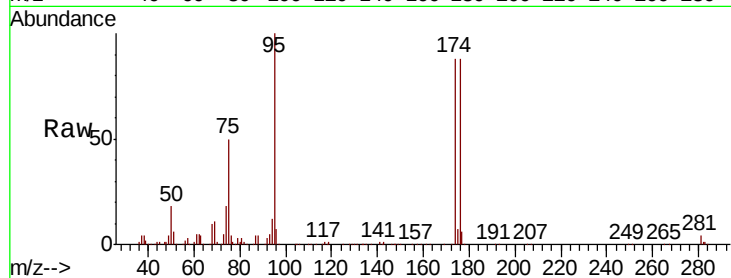
Tot Ion: 75 Resp: 58602

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

