

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015281.D
 Acq On : 22 Apr 2020 00:13
 Operator : SY/VA
 Sample : L2314-09
 Misc : 4.92G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:04:43 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

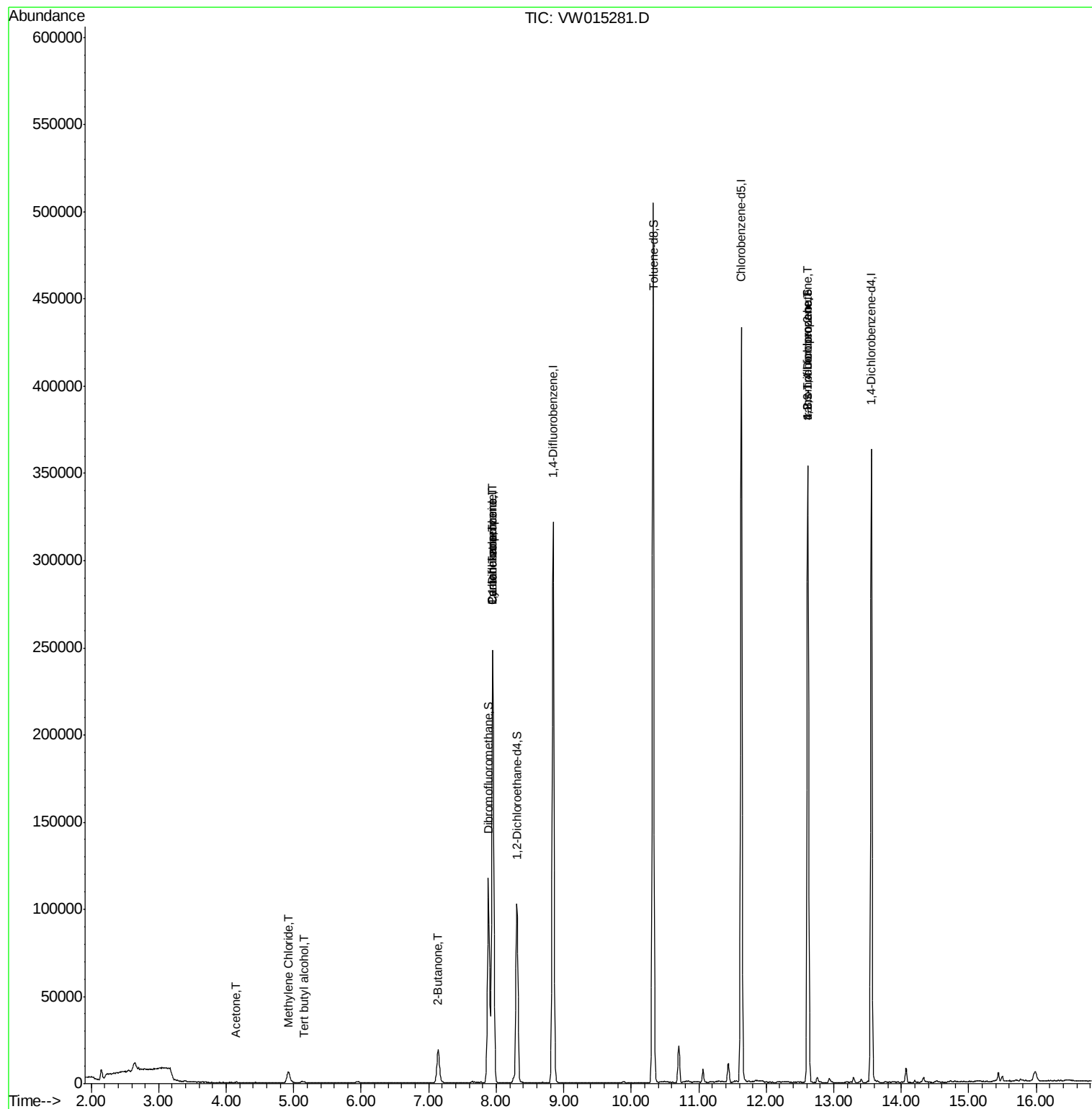
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81633	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.88	113	81573	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.32	98	339259	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	109360	43.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	355	2.610	ug/l #	89
16) Acetone	4.15	43	621	2.131	ug/l #	83
20) Methylene Chloride	4.92	84	5059	2.649	ug/l #	83
25) 2-Butanone	7.14	43	1437	3.716	ug/l #	48
31) Cyclohexane	7.95	56	3632	1.177	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	13317	5.190	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18592	6.630	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	54852	67.606	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54852	147.788	ug/l #	15

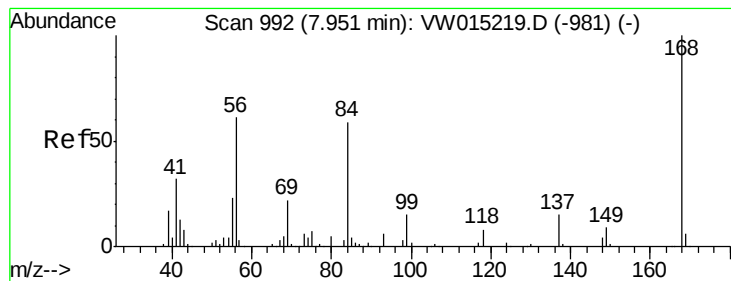
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015281.D
Acq On : 22 Apr 2020 00:13
Operator : SY/VA
Sample : L2314-09
Misc : 4.92G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 22 06:04:43 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: VW015281.D

Acq: 22 Apr 2020 00:13

Instrument :

MSVOA_W

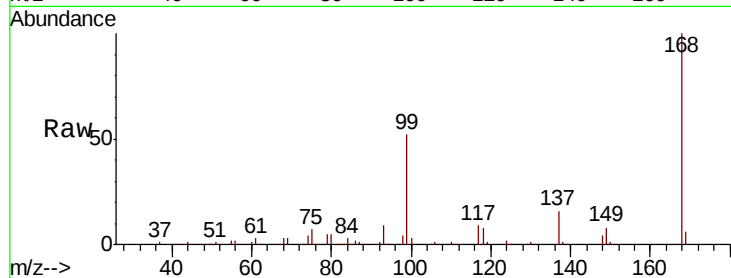
ClientSampled :

Tot Ion:168 Resp: 204045

Ion Ratio Lower Upper

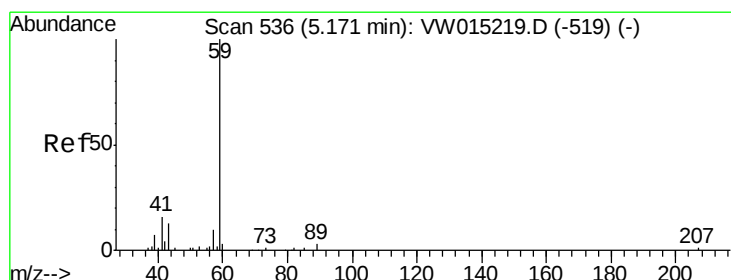
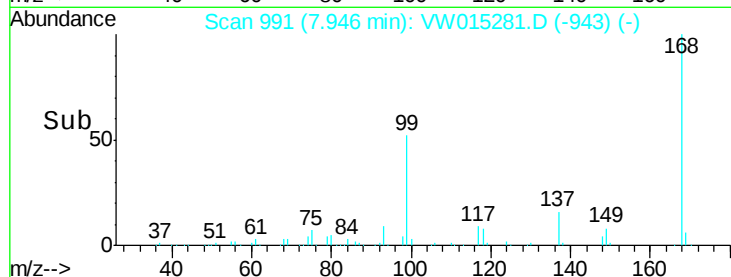
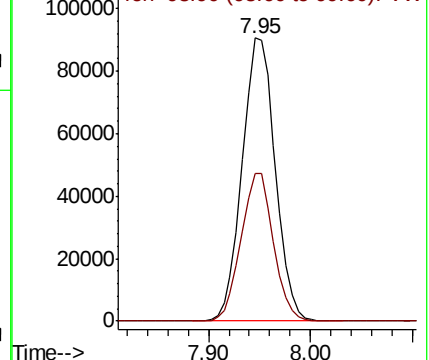
168 100

99 52.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.610 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW015281.D

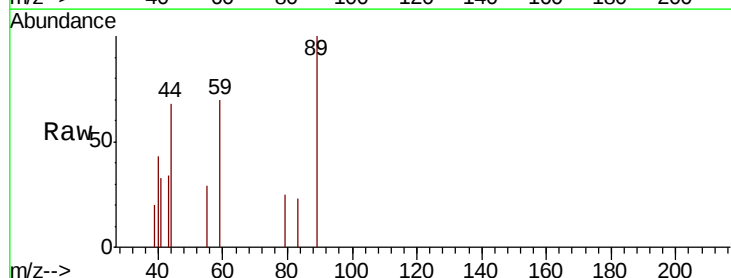
Acq: 22 Apr 2020 00:13

Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

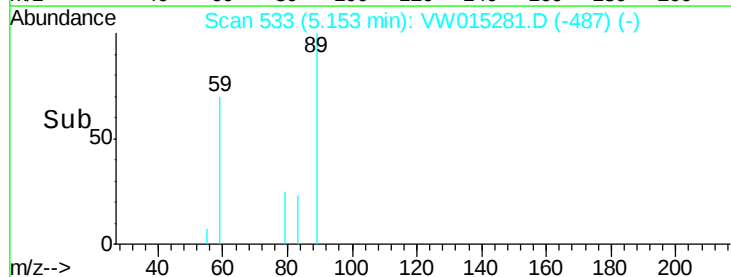
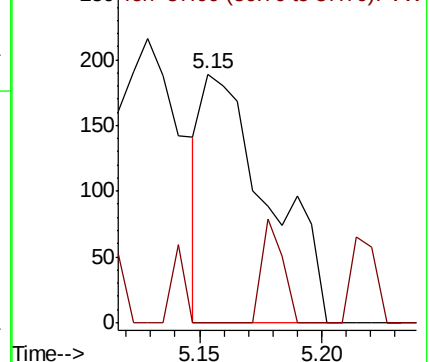
59 100

57 6.2 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

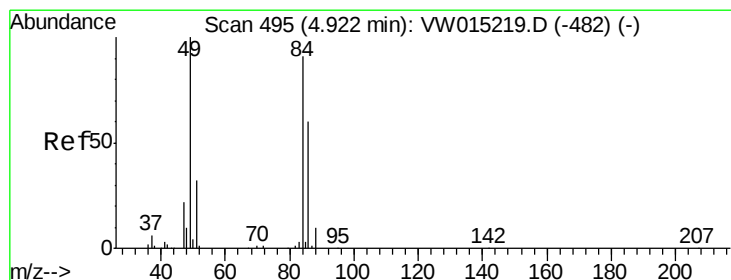
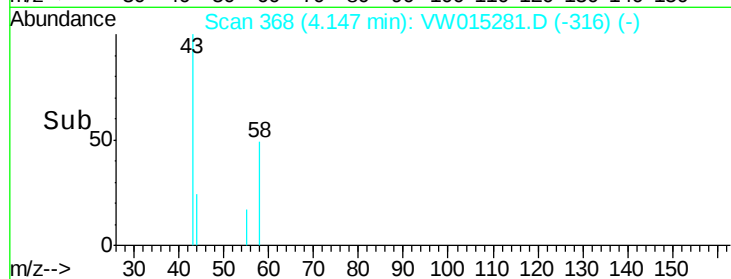
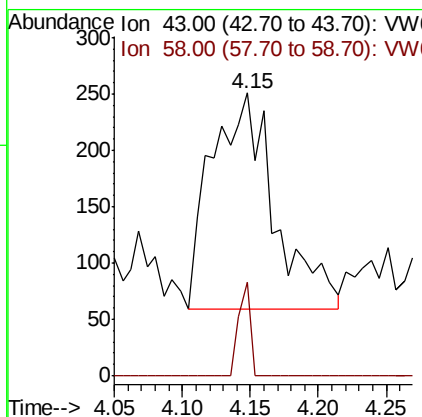
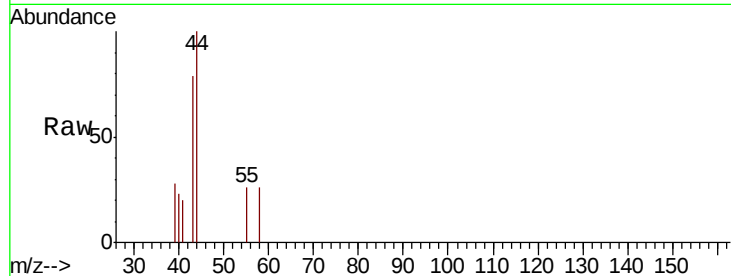




#16
Acetone
Concen: 2.131 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW015281.D
Acq: 22 Apr 2020 00:13

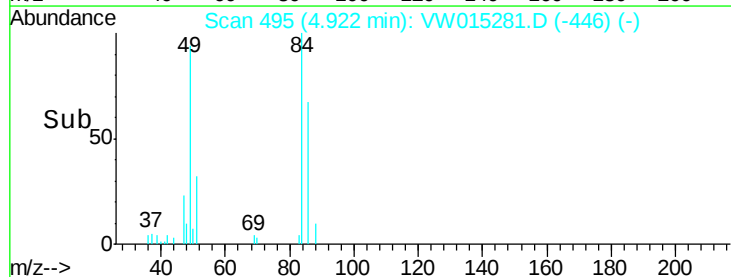
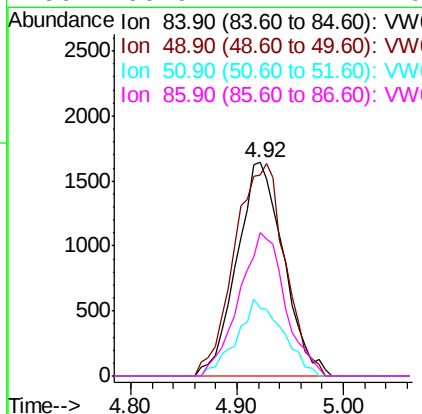
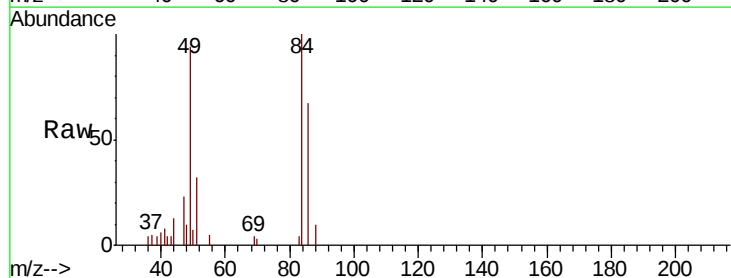
Instrument :
MSVOA_W
ClientSampleId :

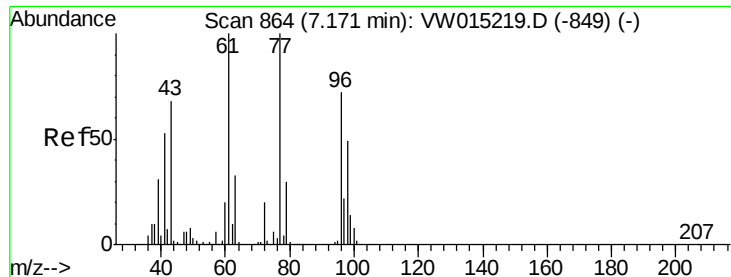
Tot Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 43.2 27.0 40.4#



#20
Methylene Chloride
Concen: 2.649 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015281.D
Acq: 22 Apr 2020 00:13

Tgt Ion: 84 Resp: 5059
Ion Ratio Lower Upper
84 100
49 94.0 95.4 143.0#
51 31.8 29.8 44.8
86 66.9 47.4 71.0

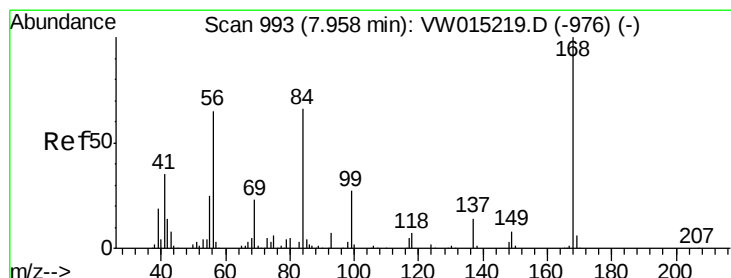
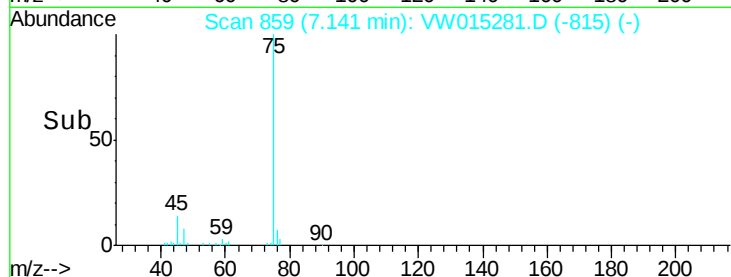
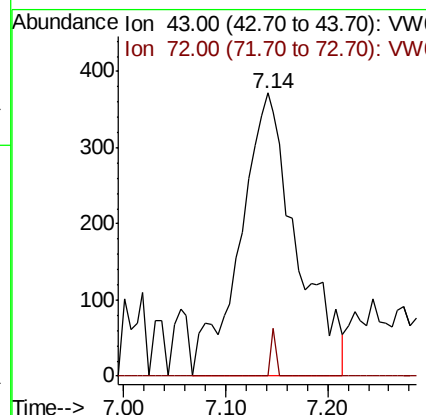
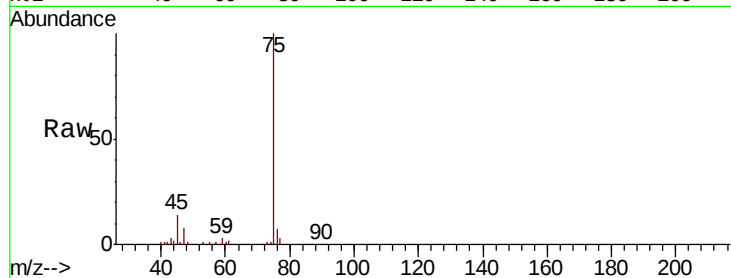




#25
2-Butanone
Concen: 3.716 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW015281.D
Acq: 22 Apr 2020 00:13

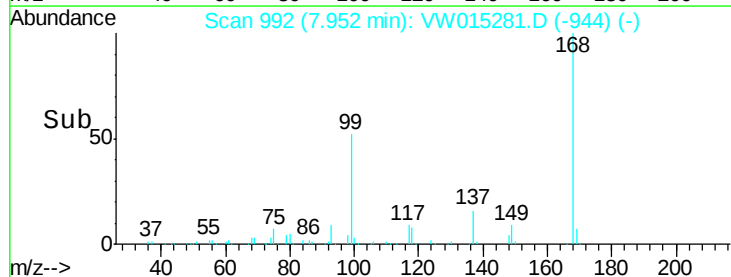
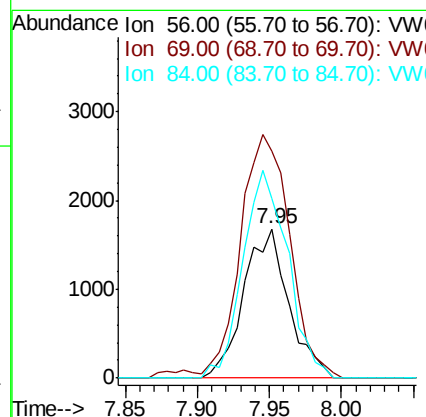
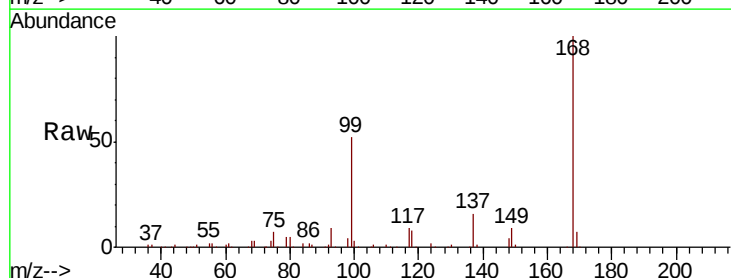
Instrument :
MSVOA_W
ClientSampleId :

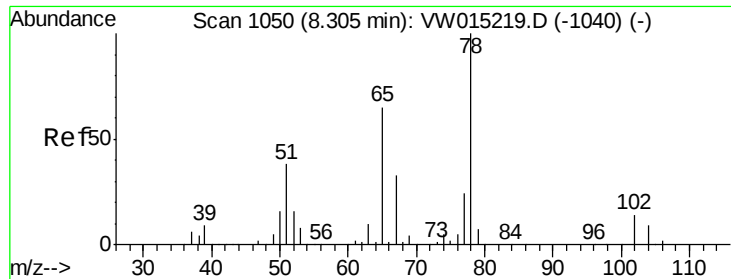
Tot Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015281.D
Acq: 22 Apr 2020 00:13

Tgt Ion: 56 Resp: 3632
Ion Ratio Lower Upper
56 100
69 151.7 27.1 40.7#
84 120.0 71.9 107.9#

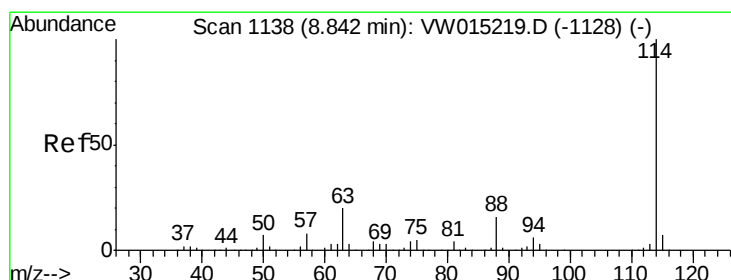
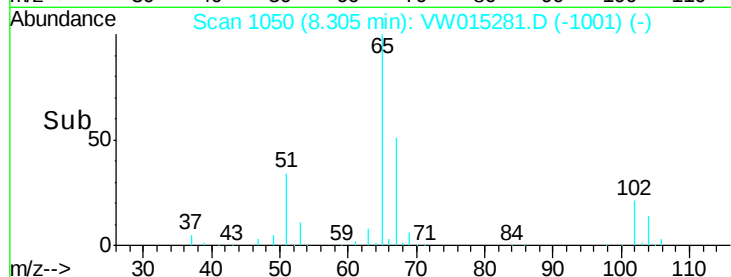
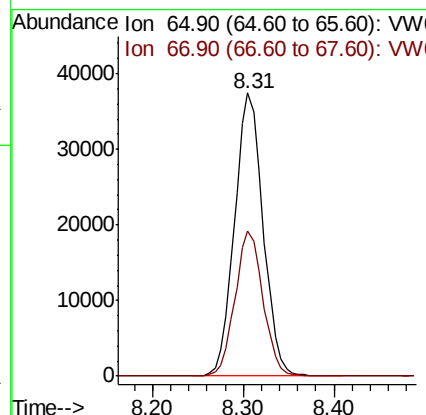
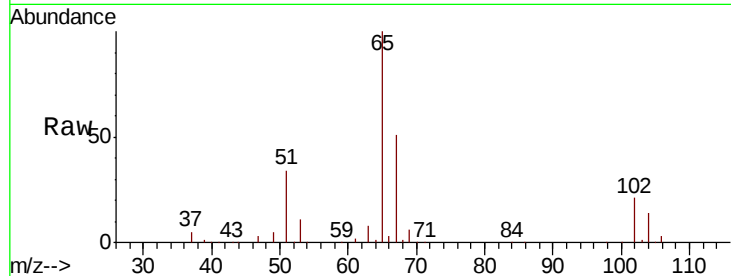




#33
 1,2-Dichloroethane-d4
 Concen: 48.924 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015281.D
 Acq: 22 Apr 2020 00:13

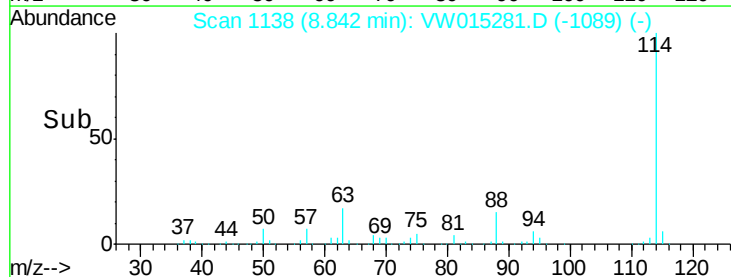
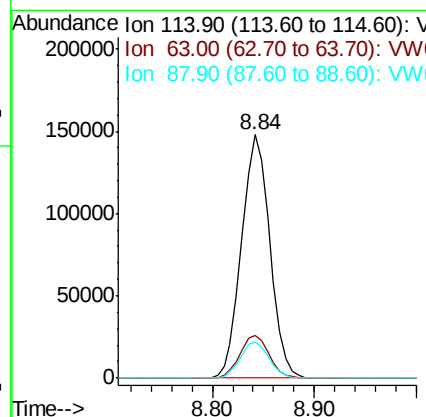
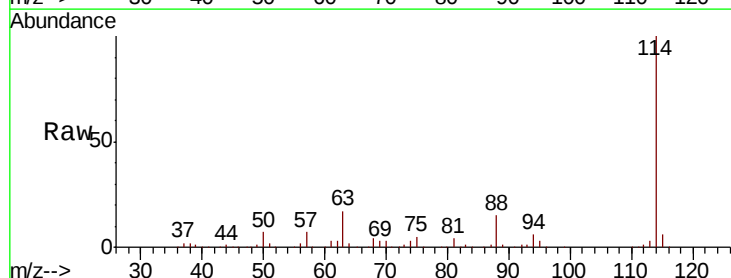
Instrument :
 MSVOA_W
 ClientSampleId :

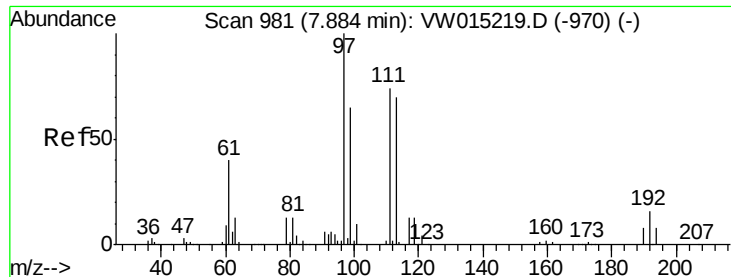
Tot Ion: 65 Resp: 81633
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015281.D
 Acq: 22 Apr 2020 00:13

Tgt Ion: 114 Resp: 284306
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.8
 88 15.0 0.0 30.2

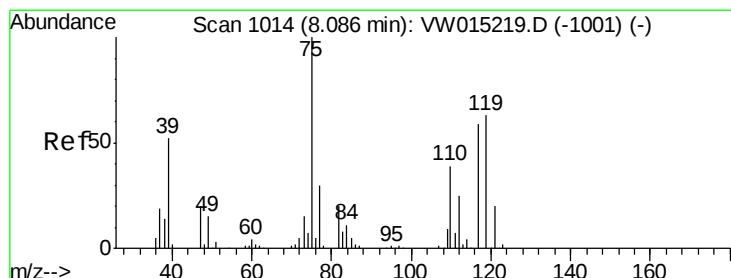
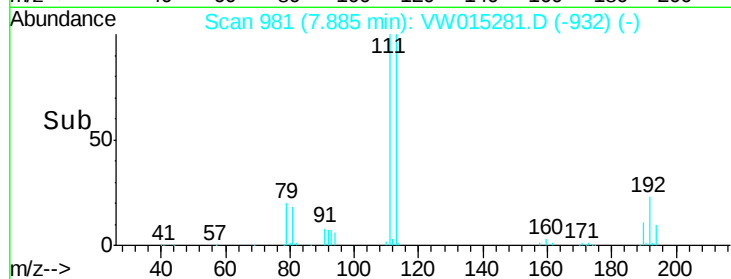
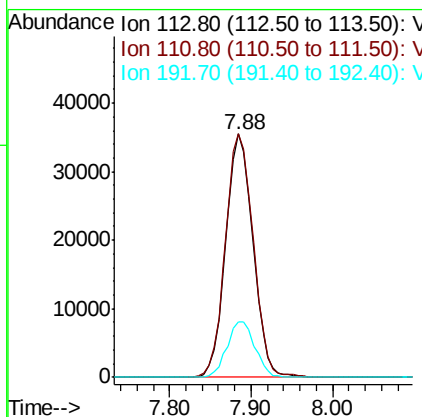
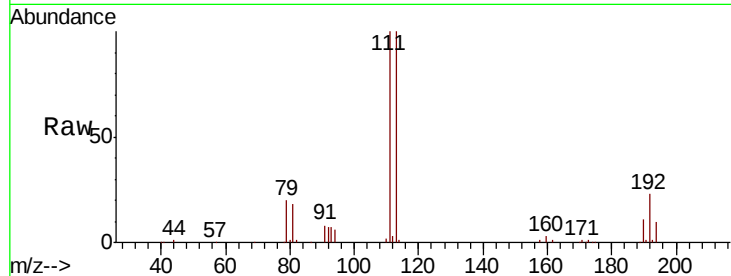




#35
 Dibromofluoromethane
 Concen: 51.798 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015281.D
 Acq: 22 Apr 2020 00:13

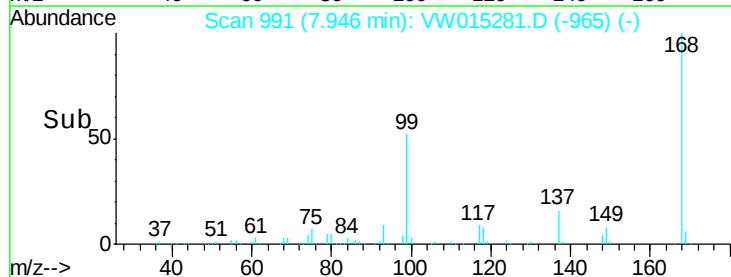
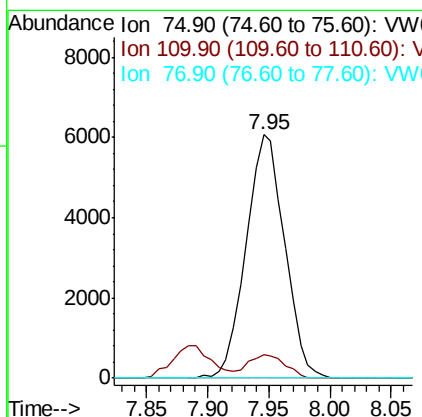
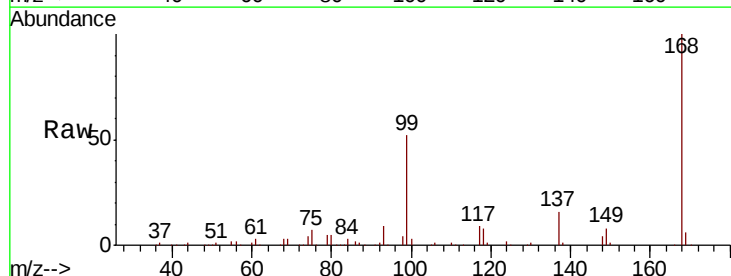
Instrument :
 MSVOA_W
 ClientSampleId :

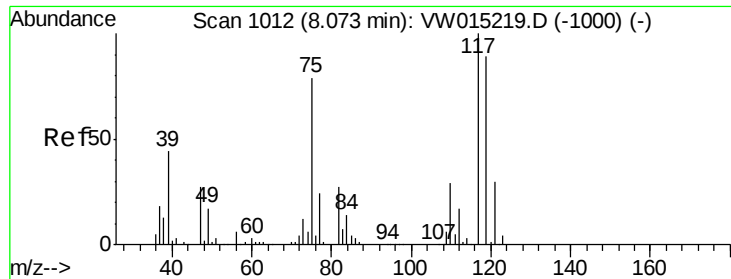
Tot Ion:113 Resp: 81573
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.4
 192 23.3 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.190 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015281.D
 Acq: 22 Apr 2020 00:13

Tgt Ion: 75 Resp: 13317
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.2 54.6#
 77 0.0 24.5 36.7#

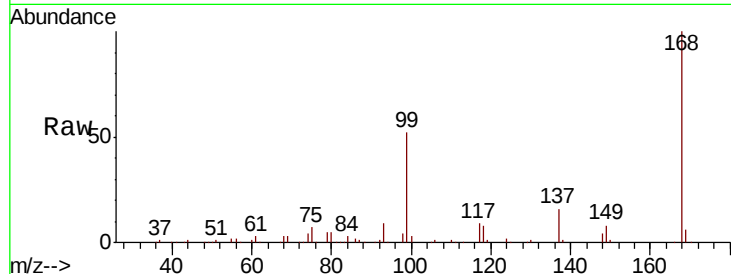




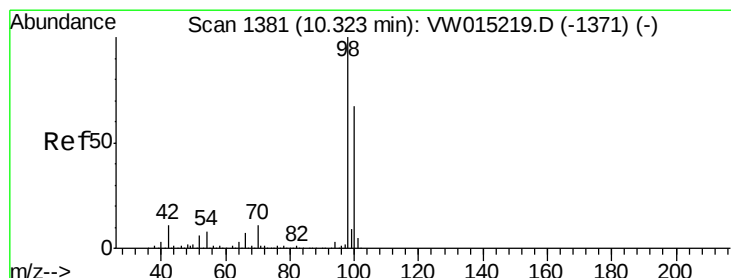
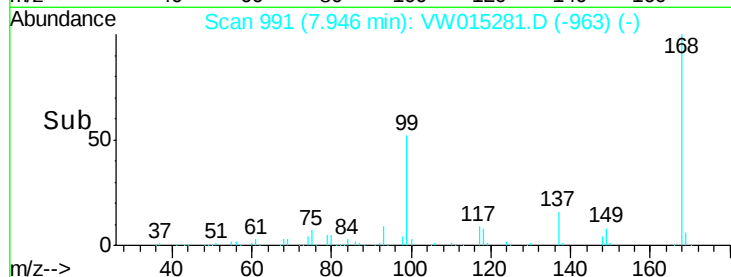
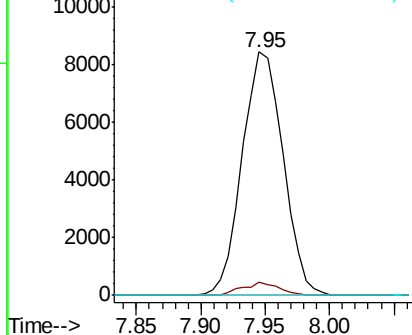
#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015281.D
Acq: 22 Apr 2020 00:13

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 18592
Ion Ratio Lower Upper
117 100
119 5.5 72.3 108.5#
121 0.0 23.7 35.5#

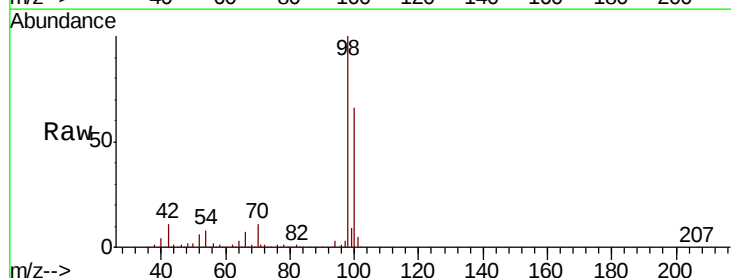


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

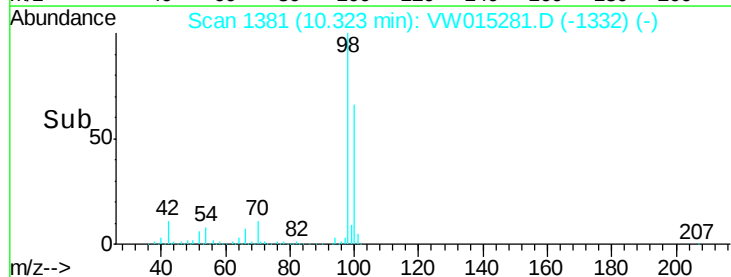
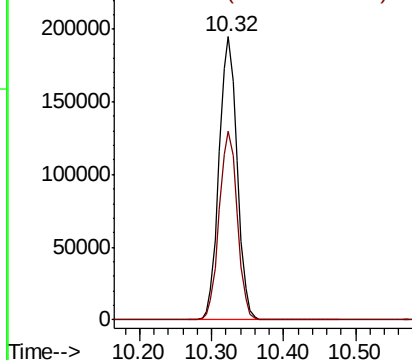


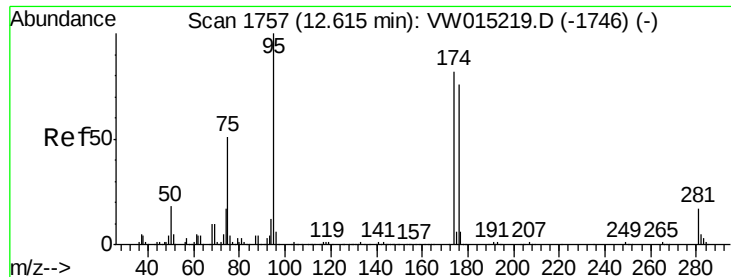
#50
Toluene-d8
Concen: 51.210 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015281.D
Acq: 22 Apr 2020 00:13

Tgt Ion: 98 Resp: 339259
Ion Ratio Lower Upper
98 100
100 66.4 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: 43.265 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015281.D

Acq: 22 Apr 2020 00:13

Instrument :

MSVOA_W

ClientSampleId :

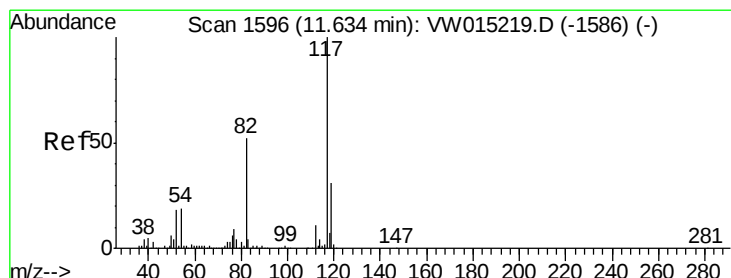
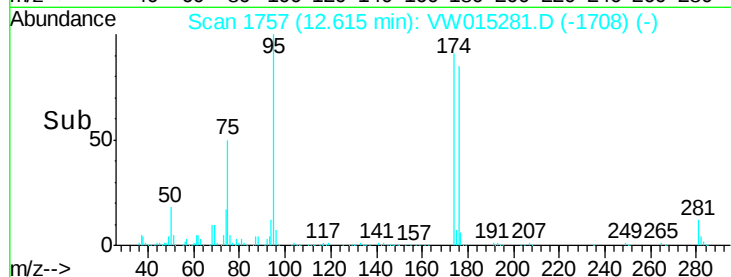
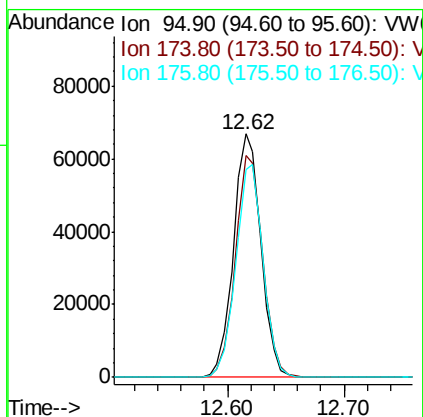
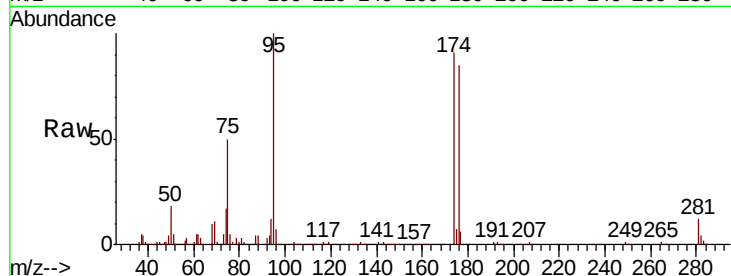
Tot Ion: 95 Resp: 109360

Ion Ratio Lower Upper

95 100

174 90.8 0.0 144.4

176 87.3 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: VW015281.D

Acq: 22 Apr 2020 00:13

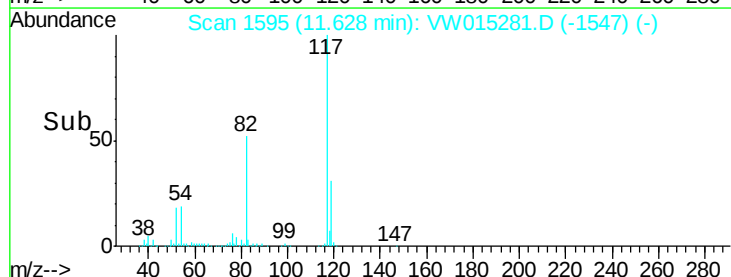
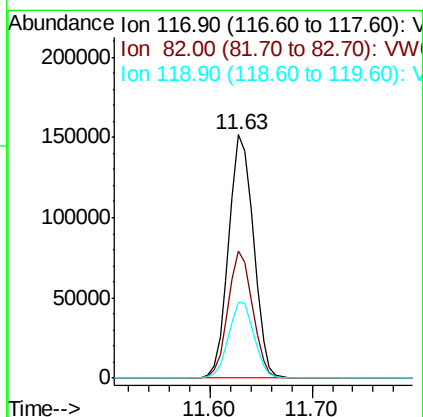
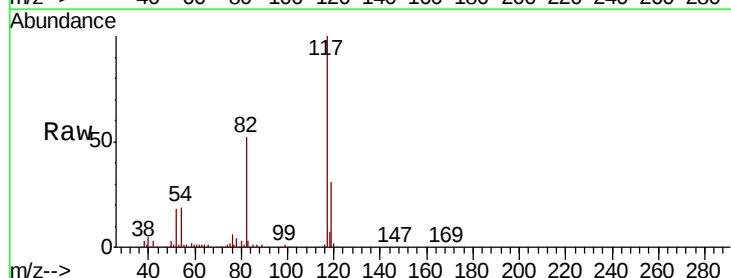
Tgt Ion: 117 Resp: 255387

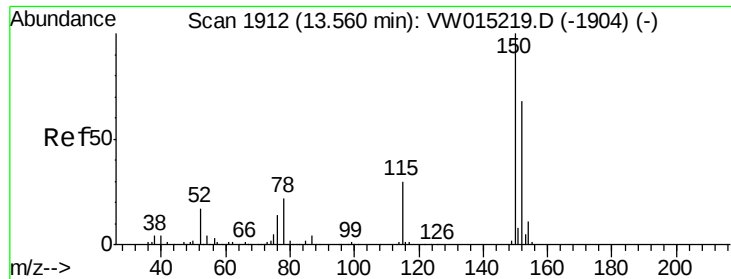
Ion Ratio Lower Upper

117 100

82 52.1 44.1 66.1

119 31.2 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: VW015281.D

Acq: 22 Apr 2020 00:13

Instrument :

MSVOA_W

ClientSampleId :

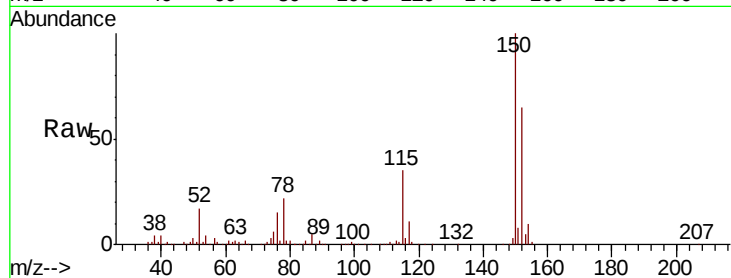
Tot Ion:152 Resp: 104878

Ion Ratio Lower Upper

152 100

115 55.0 31.3 93.9

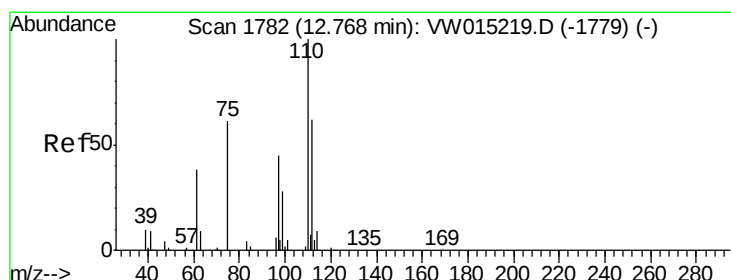
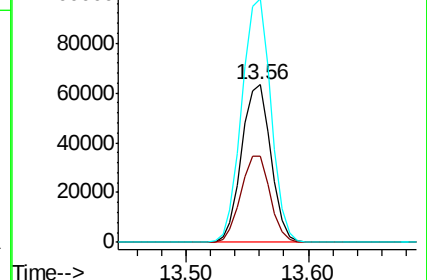
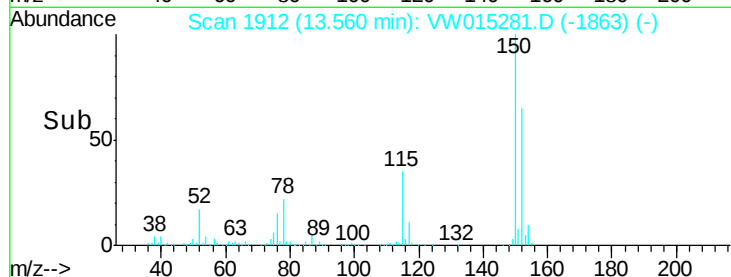
150 154.6 0.0 343.4



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: 67.606 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015281.D

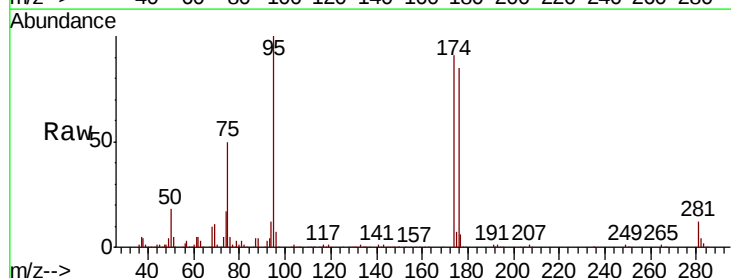
Acq: 22 Apr 2020 00:13

Tgt Ion: 75 Resp: 54852

Ion Ratio Lower Upper

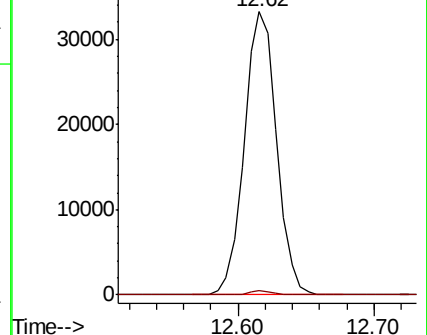
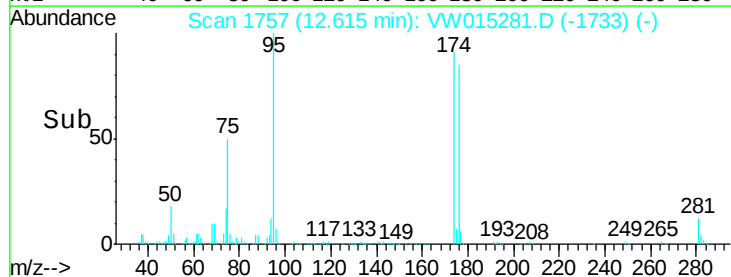
75 100

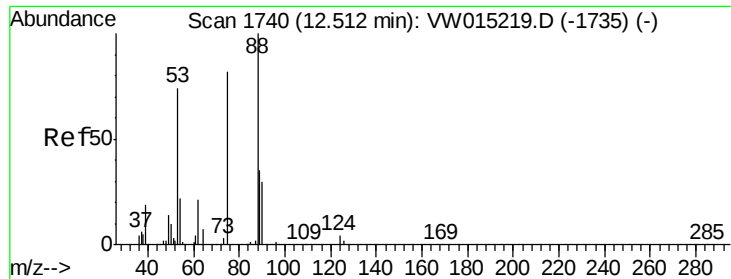
77 1.2 0.0 0.0#



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: 147.788 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015281.D

Acq: 22 Apr 2020 00:13

Instrument :

MSVOA_W

ClientSampleId :

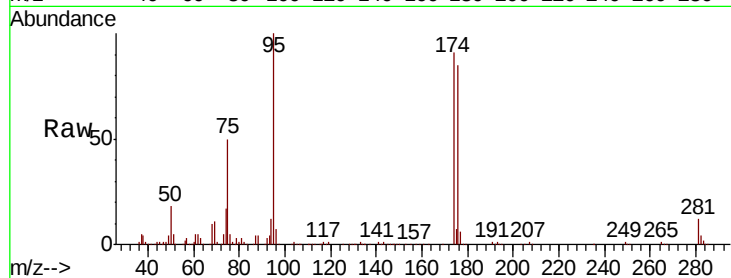
Tot Ion: 75 Resp: 54852

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

