

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016298.D
 Acq On : 21 Aug 2020 11:49
 Operator : SY/VA
 Sample : VW0822SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

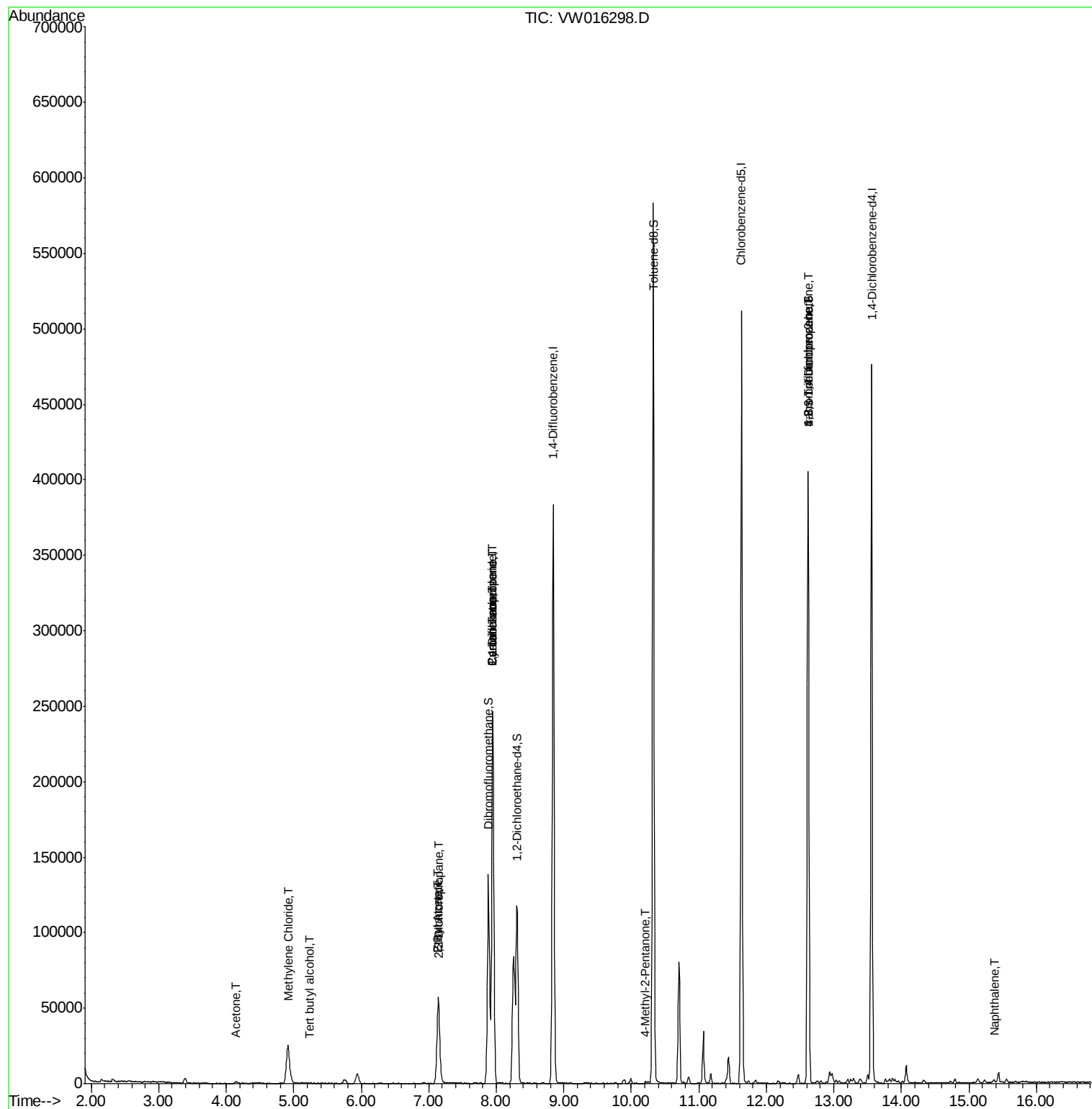
Quant Time: Aug 22 06:00:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

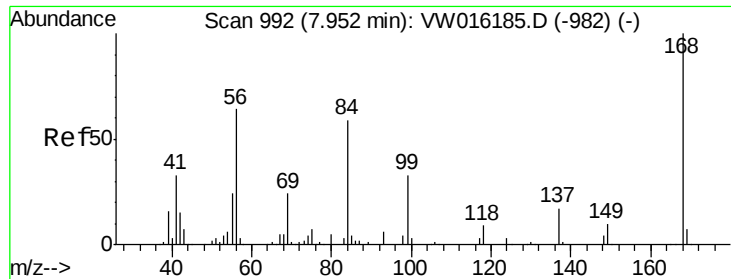
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92370	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.88	113	101480	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.32	98	405731	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	135794	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	138	1.407	ug/l #	70
16) Acetone	4.15	43	2380	6.740	ug/l #	84
20) Methylene Chloride	4.92	84	20781	5.029	ug/l	98
25) 2-Butanone	7.15	43	2632	5.561	ug/l #	72
26) 2,2-Dichloropropane	7.15	77	4199	1.782	ug/l #	51
31) Cyclohexane	7.95	56	3543	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13891	4.233	ug/l #	49
37) Ethyl Acetate	7.15	43	2632	2.340	ug/l #	1
38) Carbon Tetrachloride	7.95	117	19356	5.911	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	1091	1.019	ug/l #	75
76) 1,2,3-Trichloropropane	12.62	75	65692	57.108	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	65692	136.982	ug/l #	12
95) Naphthalene	15.38	128	1902	3.961	ug/l #	89

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

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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: VW016298.D

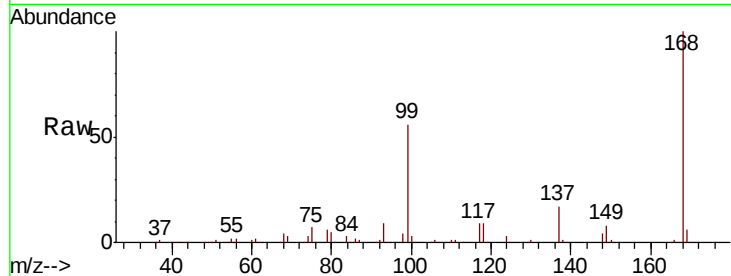
Acq: 21 Aug 2020 11:49

Tot Ion:168 Resp: 189027

Ion Ratio Lower Upper

168 100

99 55.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

40000

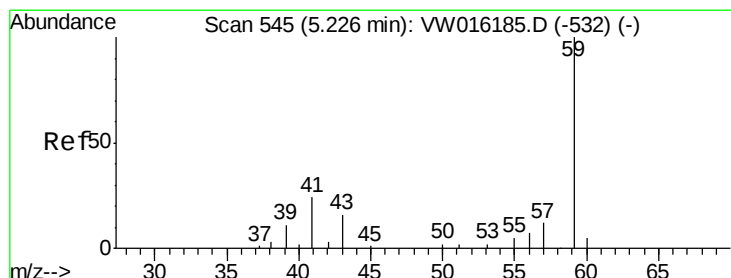
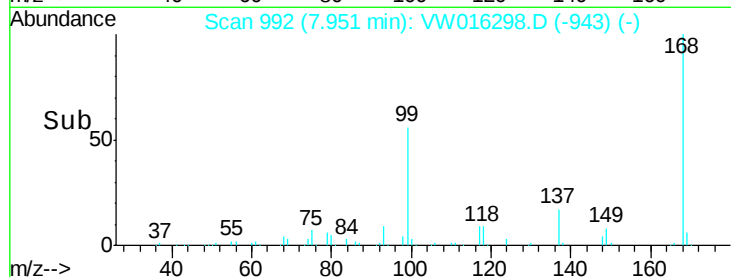
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.407 ug/l

RT: 5.24 min Scan# 548

Delta R.T. 0.02 min

Lab File: VW016298.D

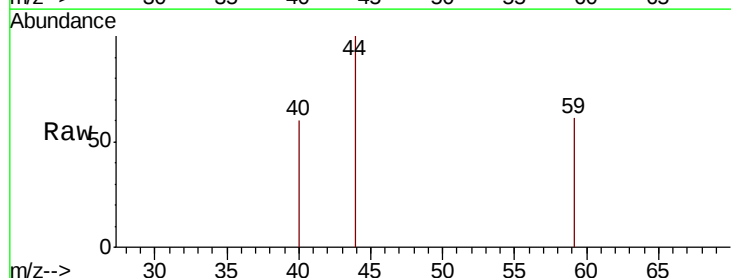
Acq: 21 Aug 2020 11:49

Tgt Ion: 59 Resp: 138

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

150

100

50

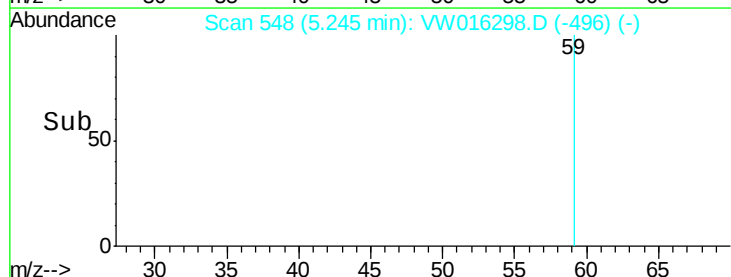
0

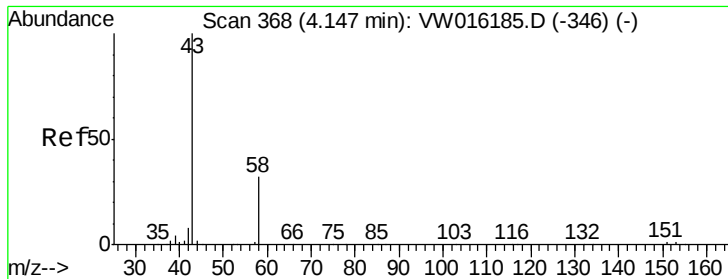
5.24

5.26

5.28

Time-->





#16

Acetone

Concen: 6.740 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.00 min

Lab File: VW016298.D

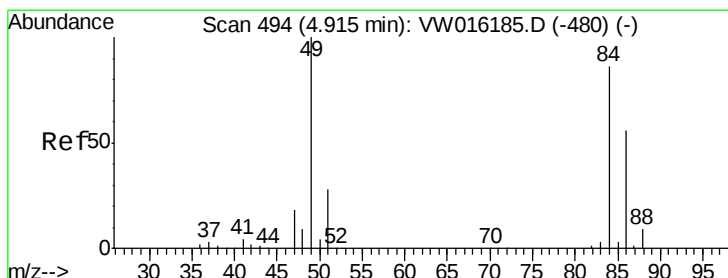
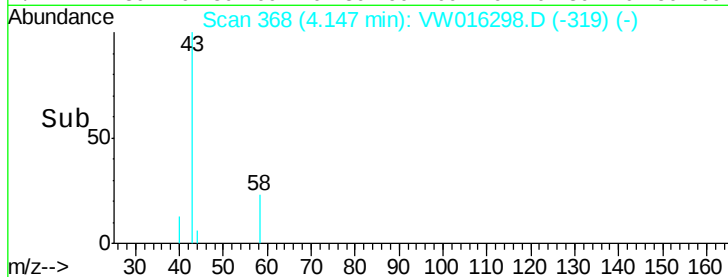
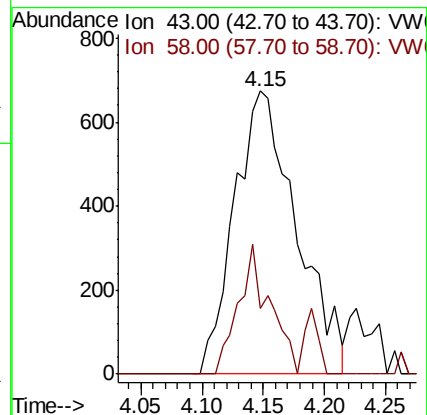
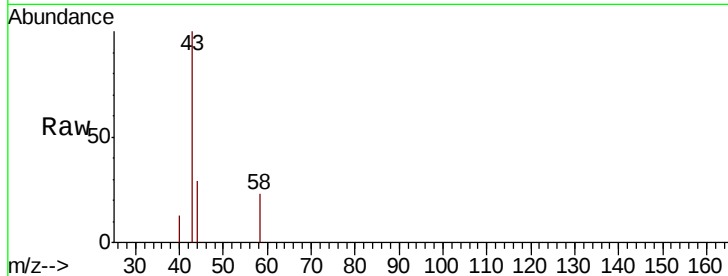
Acq: 21 Aug 2020 11:49

Tot Ion: 43 Resp: 2380

Ion Ratio Lower Upper

43 100

58 23.4 25.8 38.6#



#20

Methylene Chloride

Concen: 5.029 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016298.D

Acq: 21 Aug 2020 11:49

Tgt Ion: 84 Resp: 20781

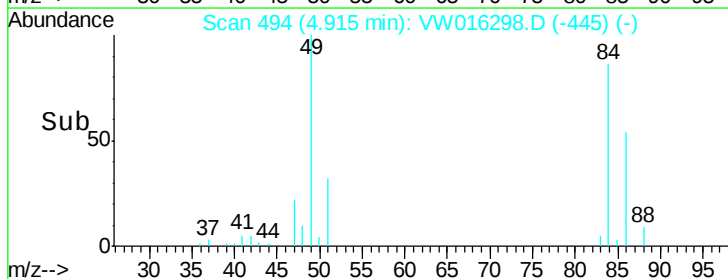
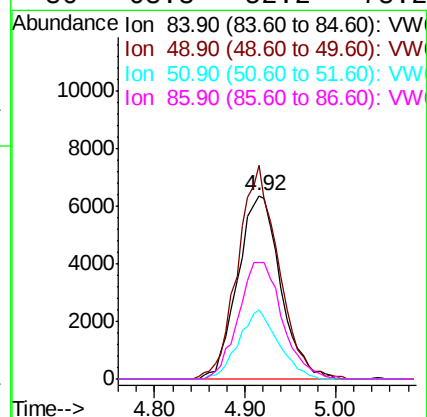
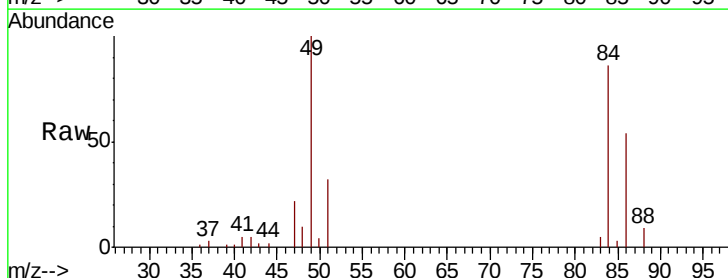
Ion Ratio Lower Upper

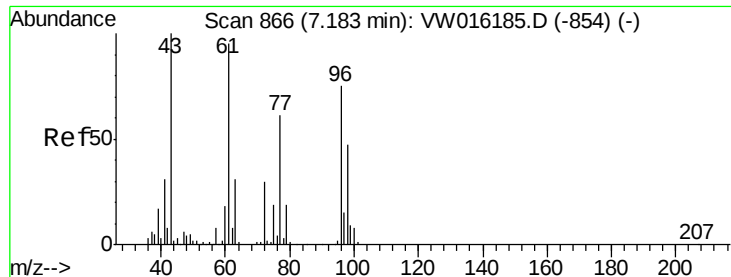
84 100

49 116.7 93.4 140.2

51 37.5 26.6 40.0

86 63.3 52.2 78.2





#25

2-Butanone

Concen: 5.561 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW016298.D

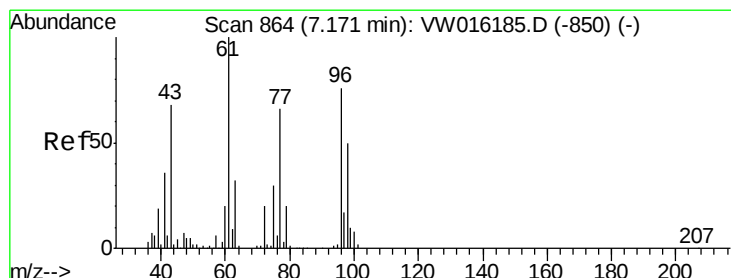
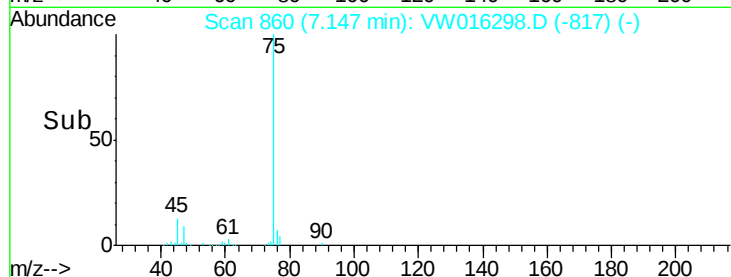
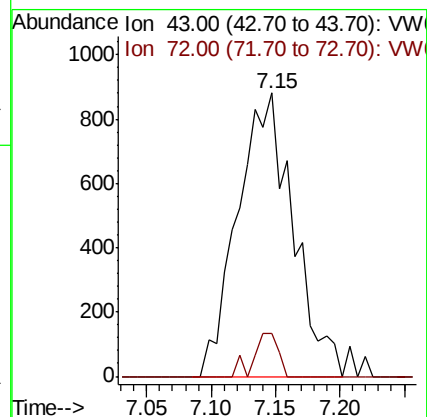
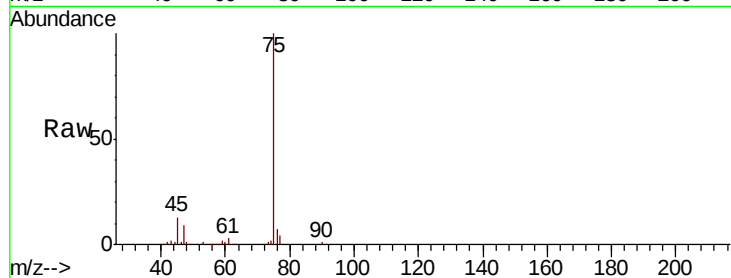
Acq: 21 Aug 2020 11:49

Tot Ion: 43 Resp: 2632

Ion Ratio Lower Upper

43 100

72 15.0 24.2 36.2#



#26

2,2-Dichloropropane

Concen: 1.782 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016298.D

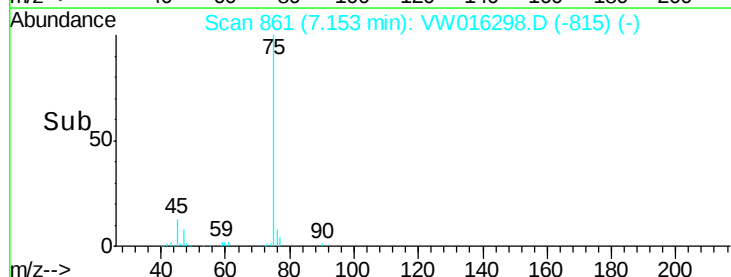
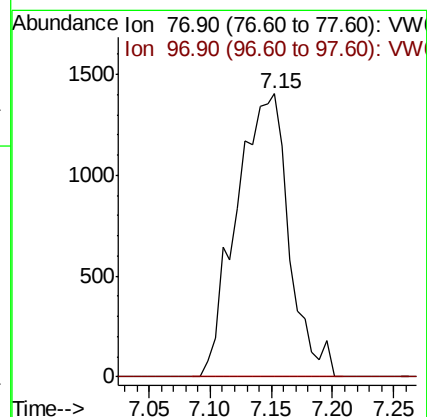
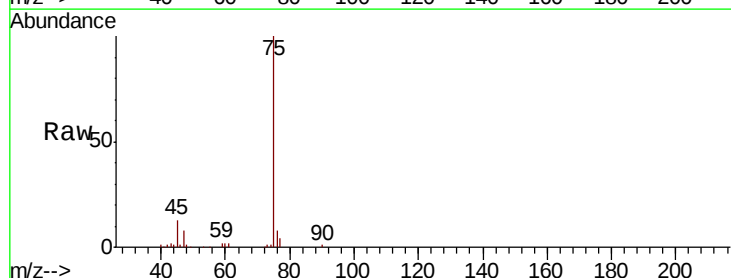
Acq: 21 Aug 2020 11:49

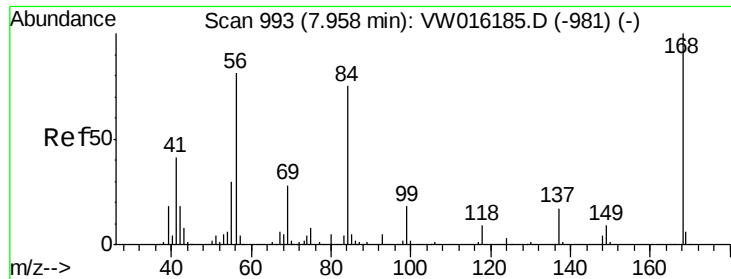
Tgt Ion: 77 Resp: 4199

Ion Ratio Lower Upper

77 100

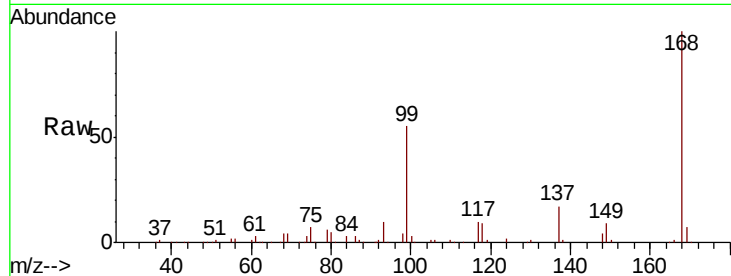
97 0.0 12.1 36.3#



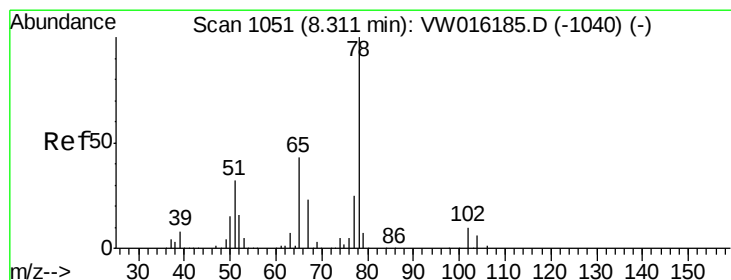
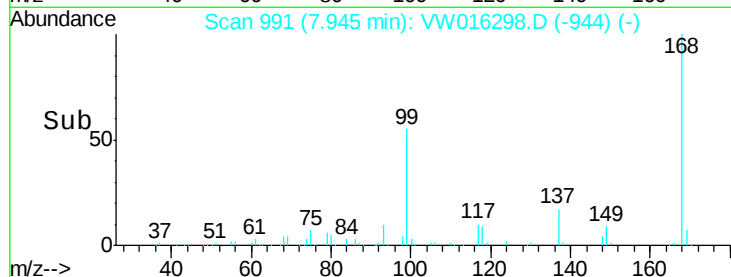
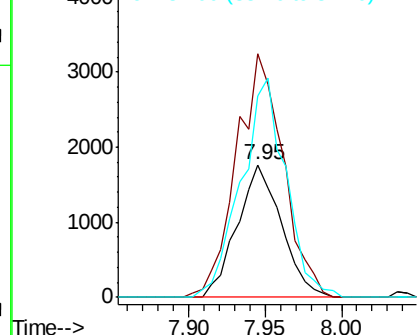


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

Tot Ion: 56 Resp: 3543
Ion Ratio Lower Upper
56 100
69 183.7 27.3 40.9#
84 152.1 73.5 110.3#

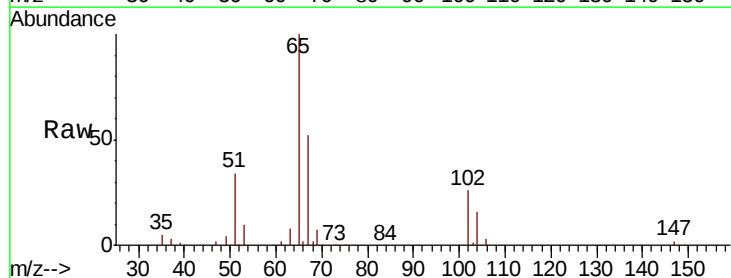


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

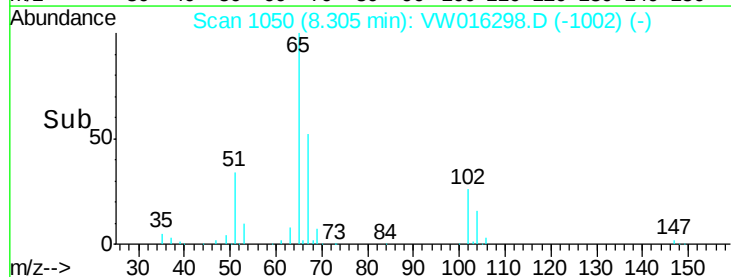
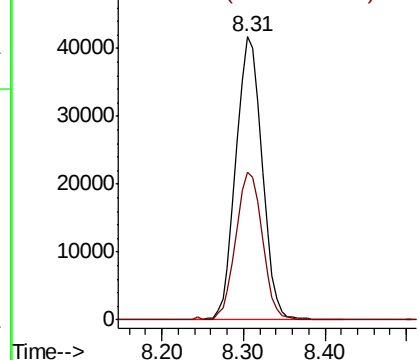


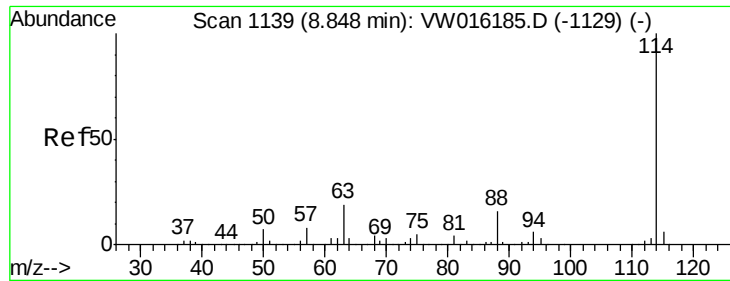
#33
1,2-Dichloroethane-d4
Concen: 50.109 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

Tgt Ion: 65 Resp: 92370
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



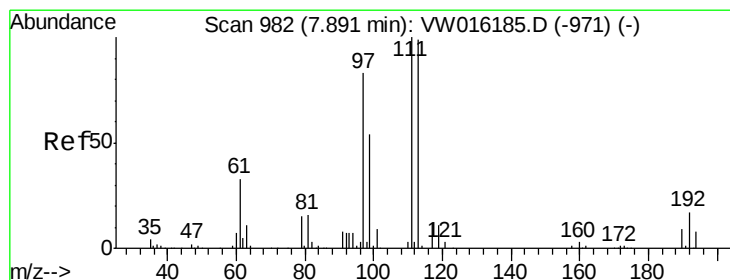
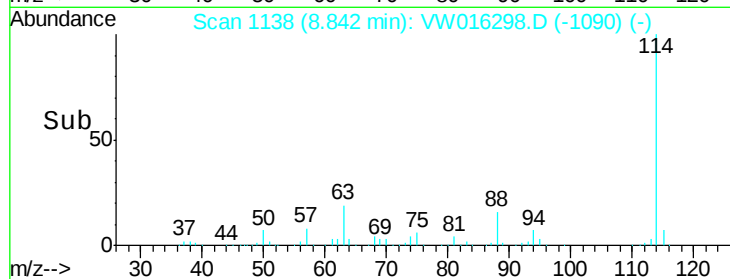
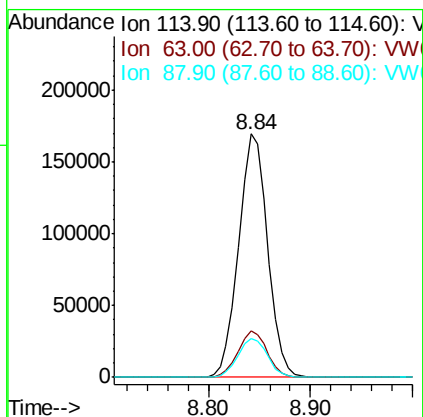
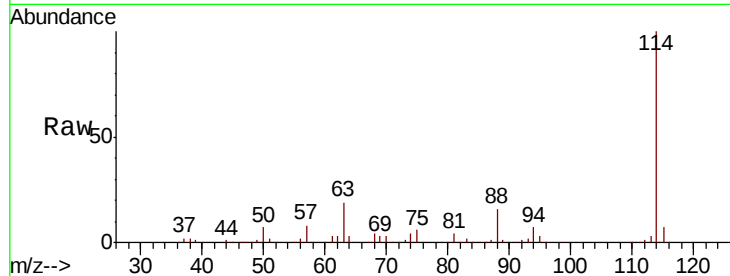
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





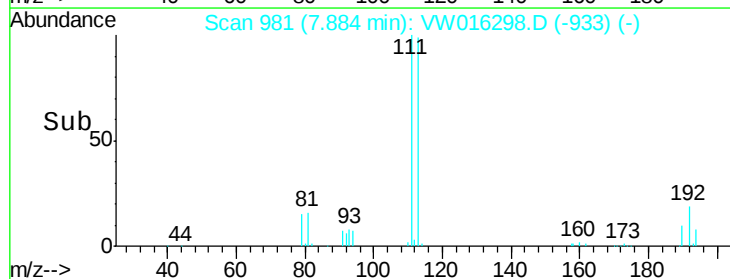
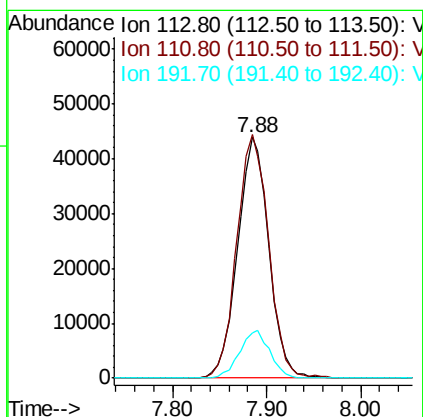
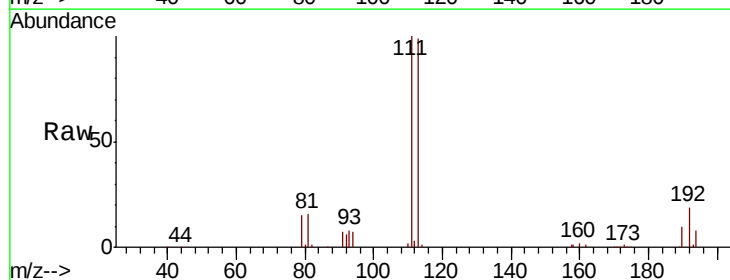
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016298.D
 Acq: 21 Aug 2020 11:49

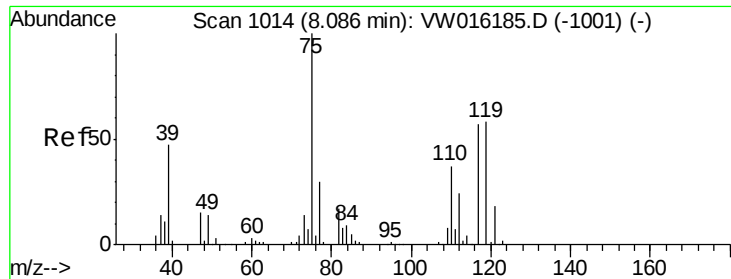
Tot Ion:114 Resp: 333073
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 16.0 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 49.380 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016298.D
 Acq: 21 Aug 2020 11:49

Tgt Ion:113 Resp: 101480
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.5 125.3
 192 19.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.233 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW016298.D

Acq: 21 Aug 2020 11:49

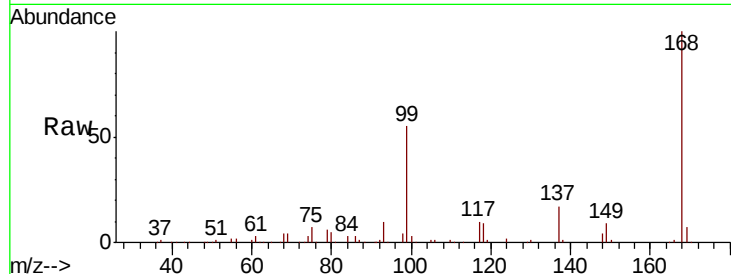
Tot Ion: 75 Resp: 13891

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

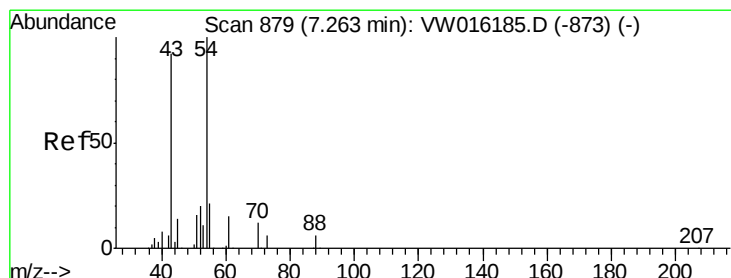
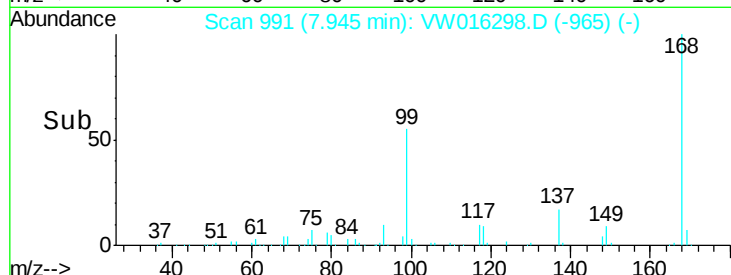
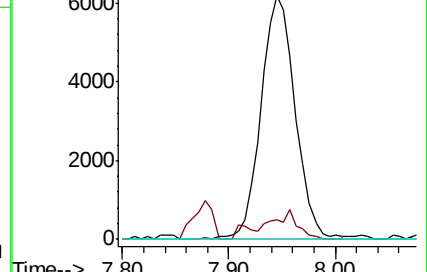
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 2.340 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.12 min

Lab File: VW016298.D

Acq: 21 Aug 2020 11:49

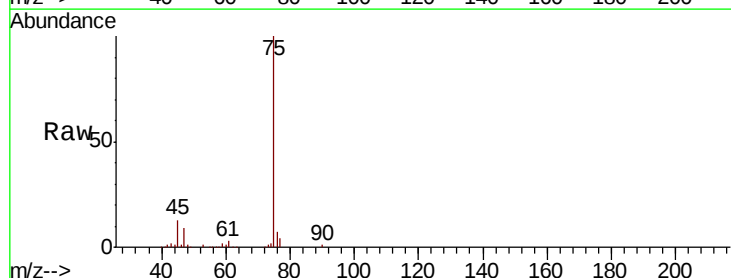
Tgt Ion: 43 Resp: 2632

Ion Ratio Lower Upper

43 100

61 102.1 12.6 18.8#

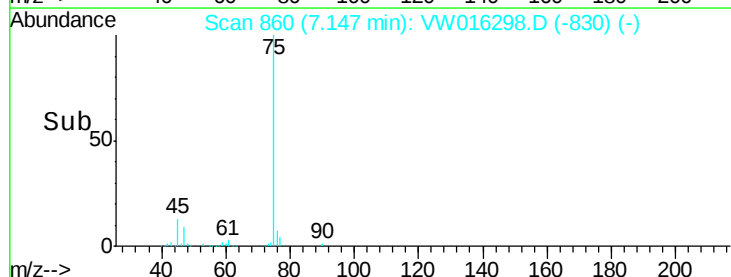
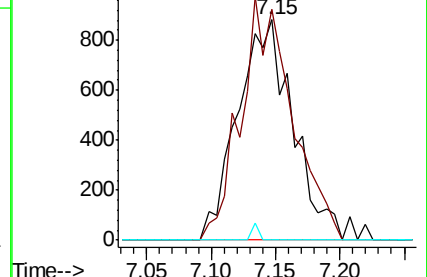
70 1.0 9.8 14.8#

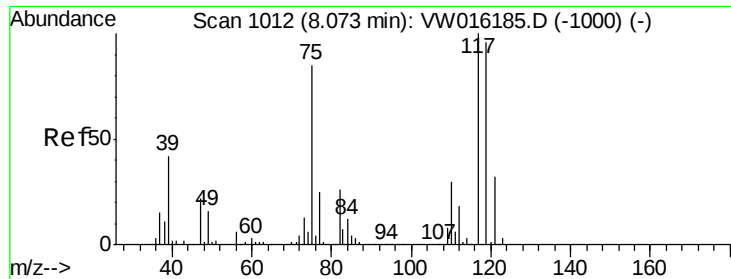


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

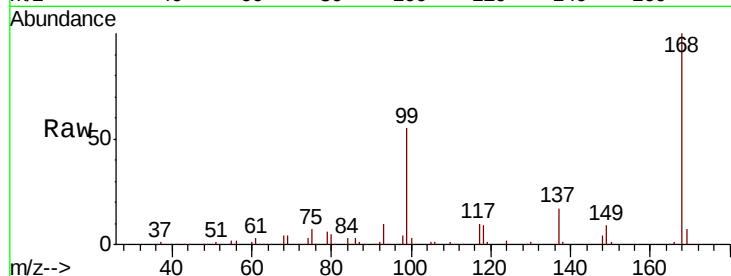
Ion 70.00 (69.70 to 70.70): VW





#38
Carbon Tetrachloride
Concen: 5.911 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

Tot Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.6	115.0#
121	0.0	25.4	38.0#

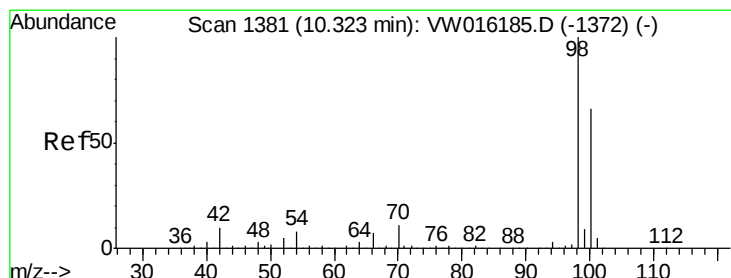
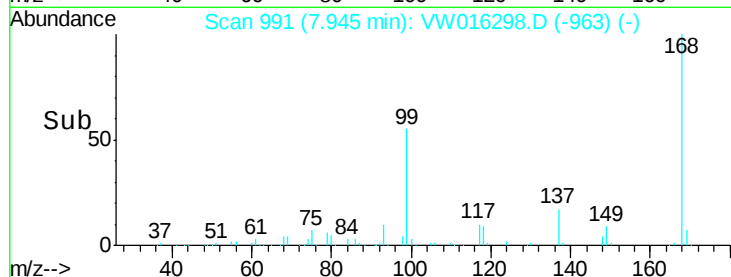
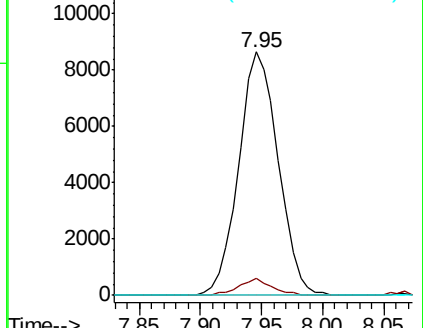


Abundance

Ion 116.80 (116.50 to 117.50): V

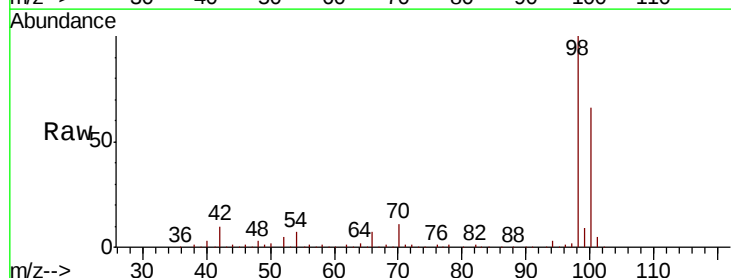
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50
Toluene-d8
Concen: 51.004 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

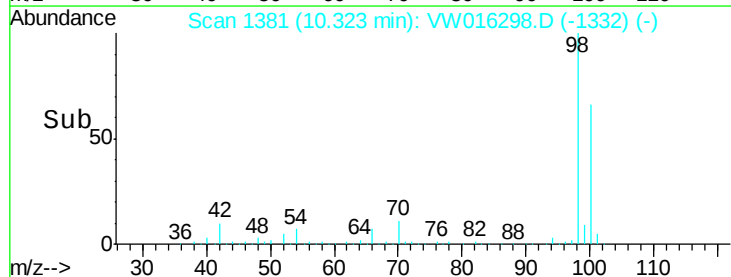
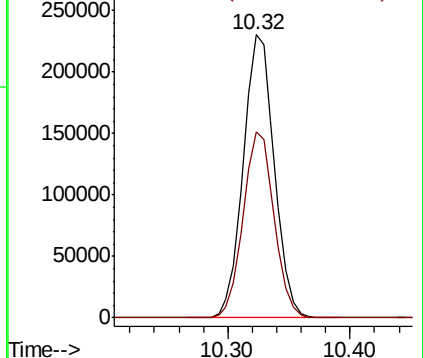
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3

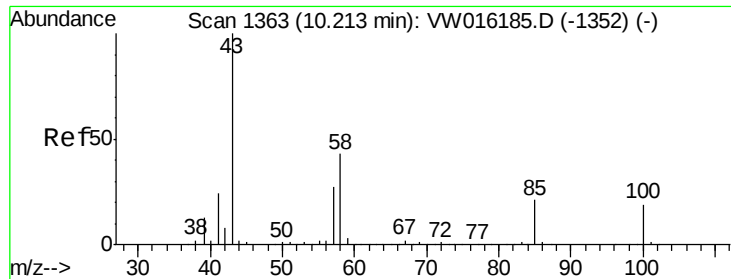


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.019 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016298.D

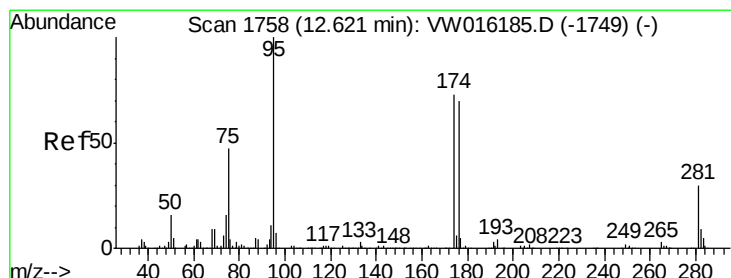
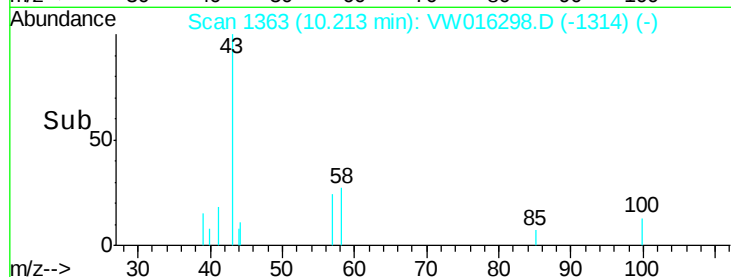
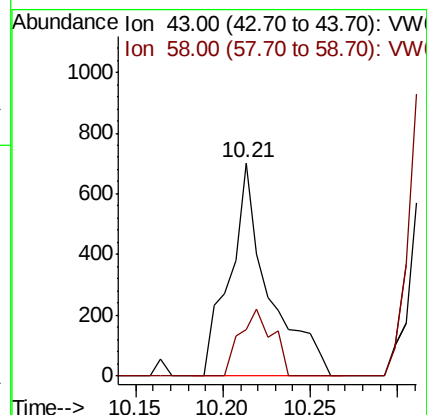
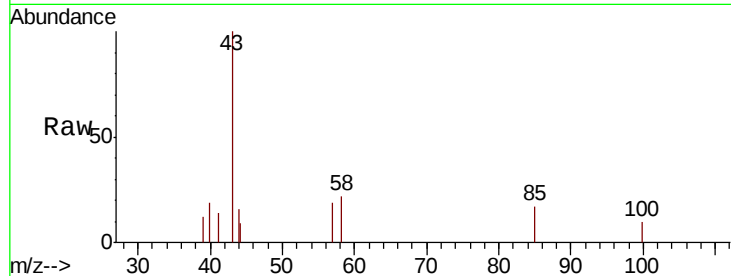
Acq: 21 Aug 2020 11:49

Tot Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

58 26.2 33.7 50.5#



#62

4-Bromofluorobenzene

Concen: 47.756 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016298.D

Acq: 21 Aug 2020 11:49

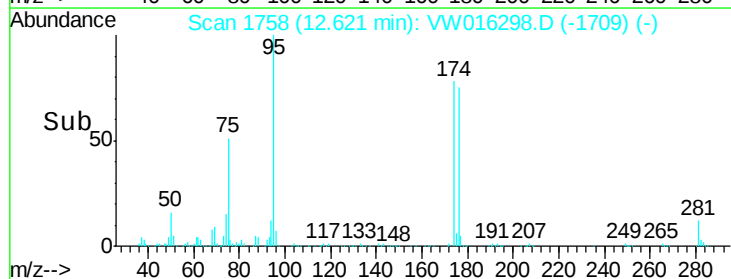
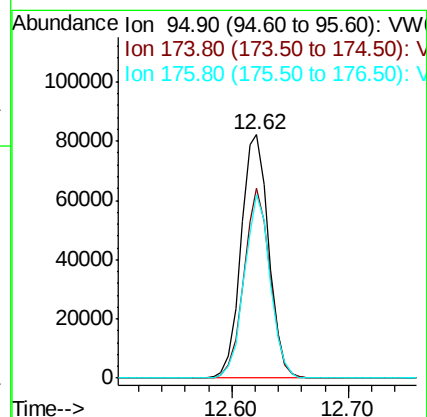
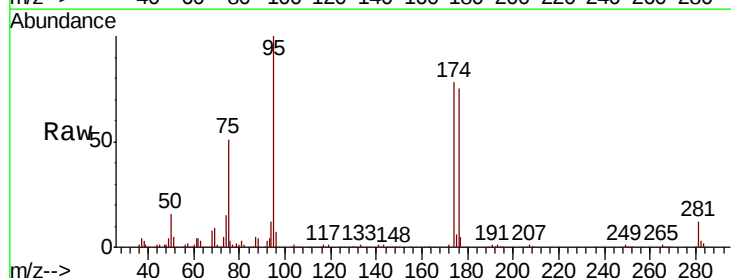
Tgt Ion: 95 Resp: 135794

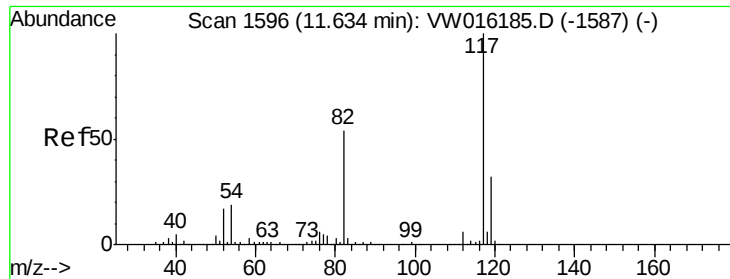
Ion Ratio Lower Upper

95 100

174 73.8 0.0 145.6

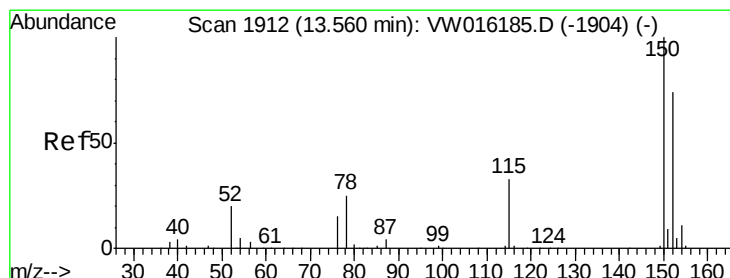
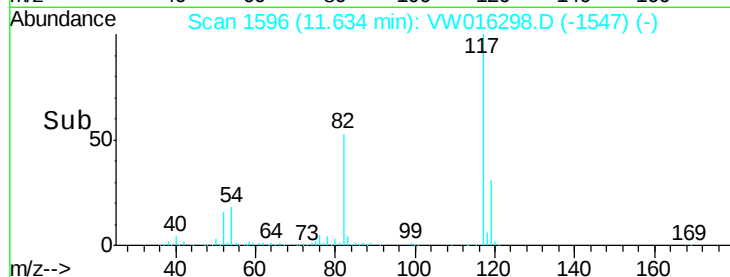
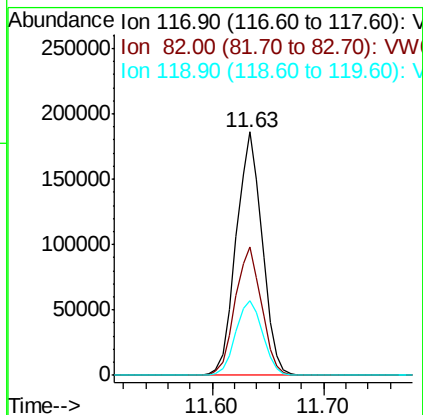
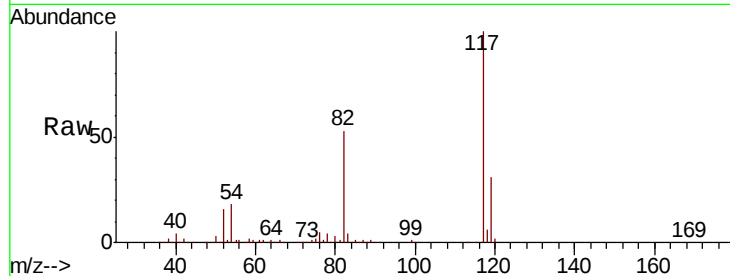
176 71.0 0.0 137.8





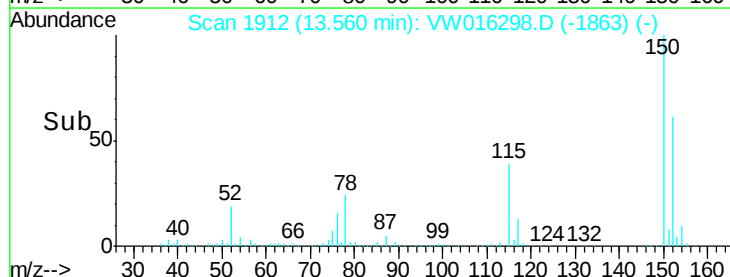
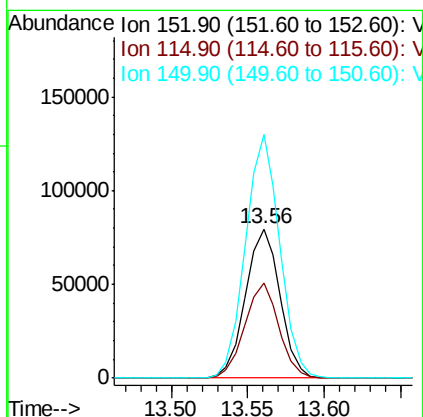
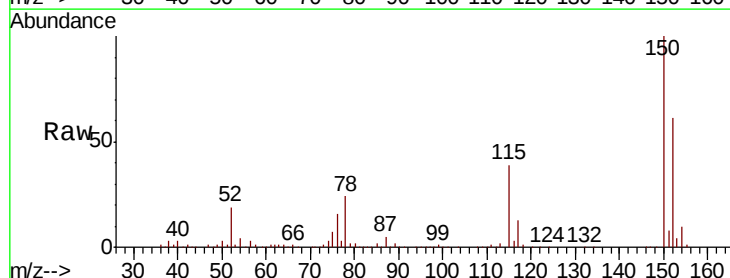
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

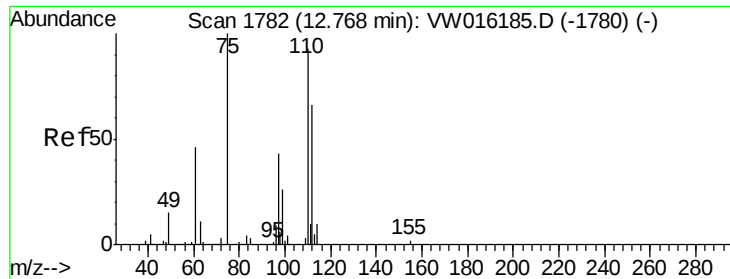
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.6	65.4
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	30.9	92.5
150	161.4	0.0	337.8

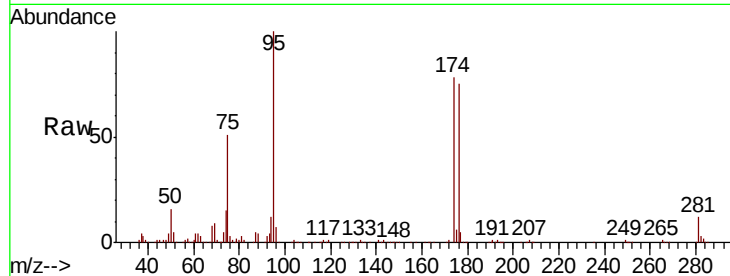




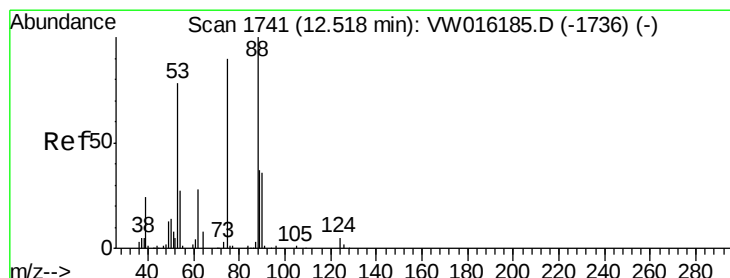
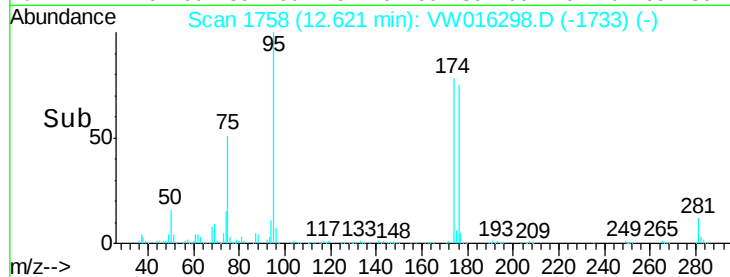
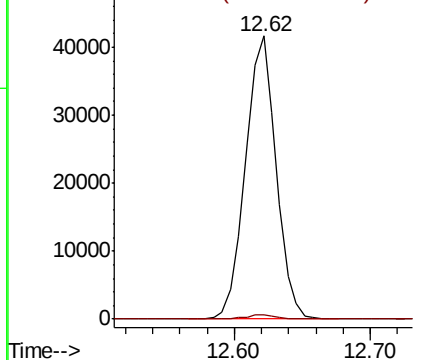
#76

1,2,3-Trichloropropane
Concen: 57.108 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

Tot Ion: 75 Resp: 65692
Ion Ratio Lower Upper
75 100
77 1.4 173.6 520.6#



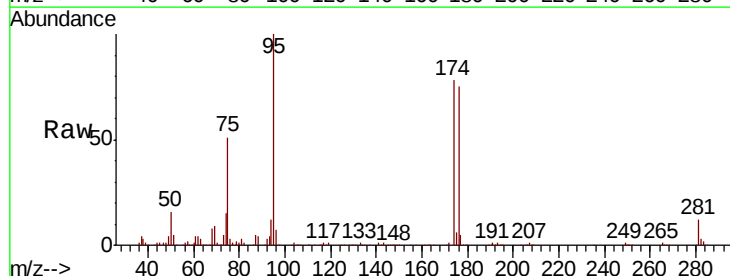
Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW



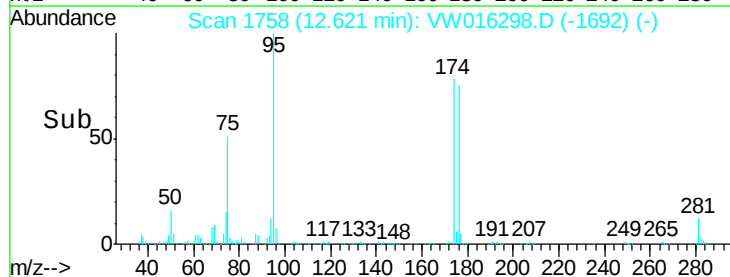
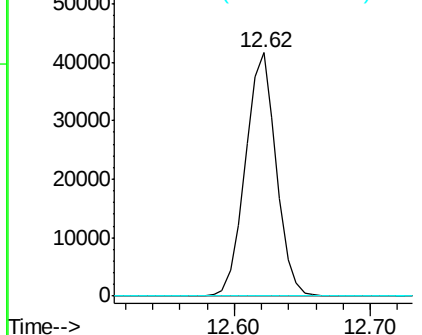
#81

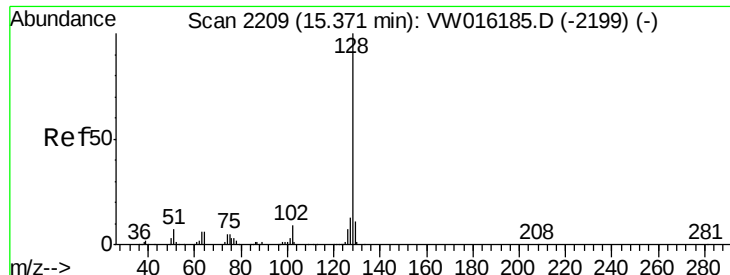
trans-1,4-Dichloro-2-butene
Concen: 136.982 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW016298.D
Acq: 21 Aug 2020 11:49

Tgt Ion: 75 Resp: 65692
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.2 37.2 55.8#



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





#95

Naphthalene

Concen: 3.961 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW016298.D

Acq: 21 Aug 2020 11:49

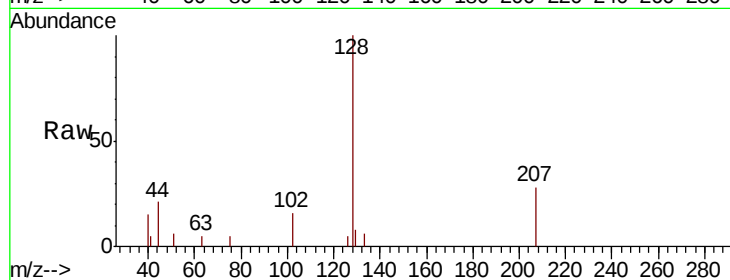
Tot Ion:128 Resp: 1902

Ion Ratio Lower Upper

128 100

127 6.2 10.2 15.4#

129 9.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

