

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016311.D
 Acq On : 21 Aug 2020 17:28
 Operator : SY/VA
 Sample : L3734-06
 Misc : 7.30G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

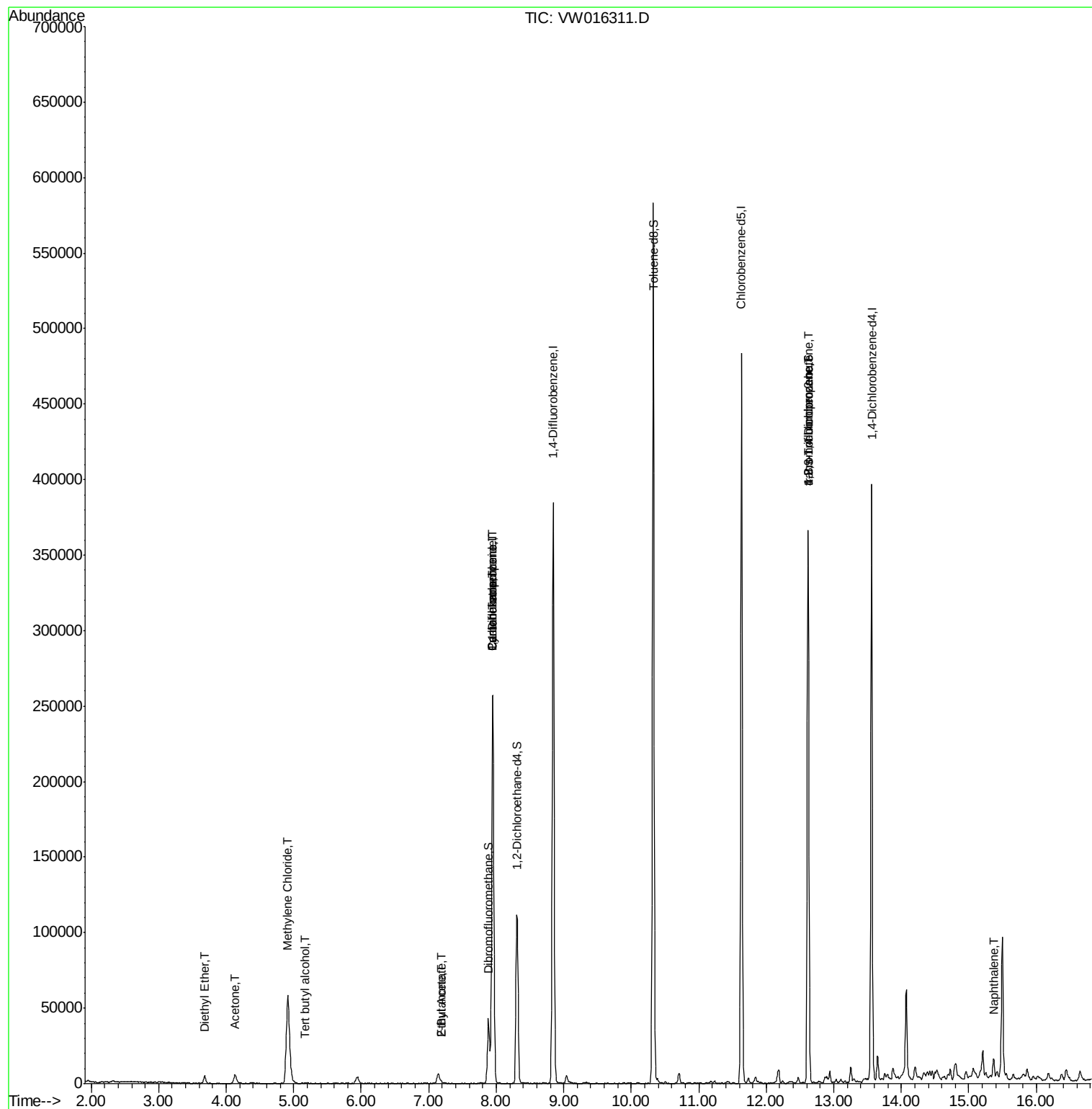
Quant Time: Aug 22 06:04:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

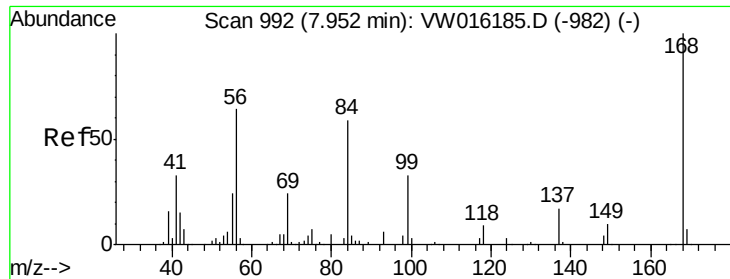
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90840	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.88	113	32199	15.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.16%	
50) Toluene-d8	10.32	98	395889	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.62	95	124988	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	2750	2.817	ug/l	99
11) Tert butyl alcohol	5.17	59	243	2.469	ug/l #	70
16) Acetone	4.13	43	11120	31.392	ug/l	99
20) Methylene Chloride	4.91	84	52695	21.090	ug/l	96
25) 2-Butanone	7.19	43	1892	3.985	ug/l #	88
31) Cyclohexane	7.95	56	3629	1.075	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	14421	4.369	ug/l #	50
37) Ethyl Acetate	7.19	43	1892	1.672	ug/l #	65
38) Carbon Tetrachloride	7.95	117	19789	6.008	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	59670	62.687	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	59670	150.363	ug/l #	12
95) Naphthalene	15.37	128	12194	6.550	ug/l	99

(#) = 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: VW016311.D

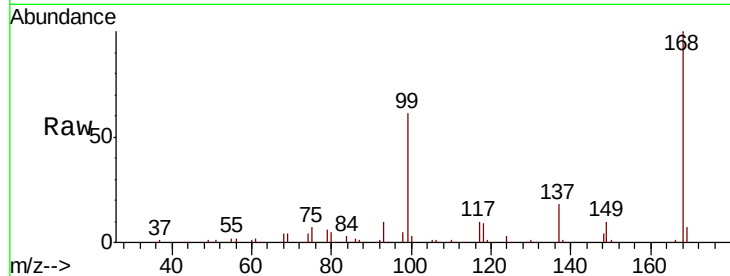
Acq: 21 Aug 2020 17:28

Tot Ion:168 Resp: 189614

Ion Ratio Lower Upper

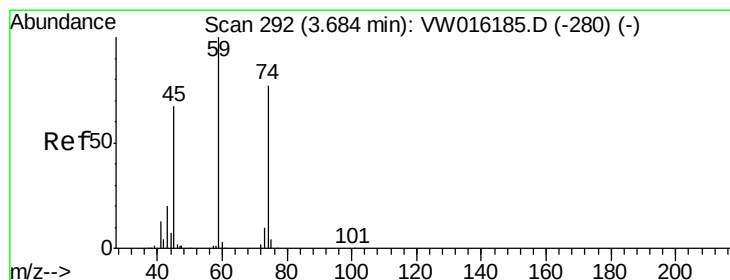
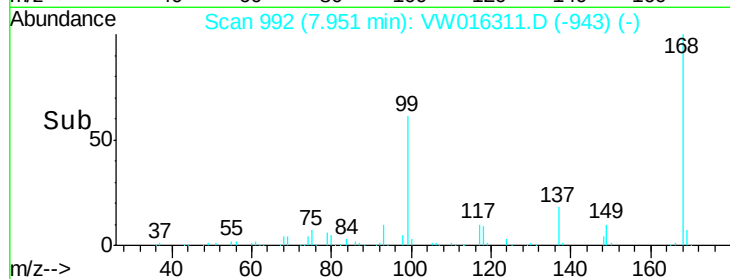
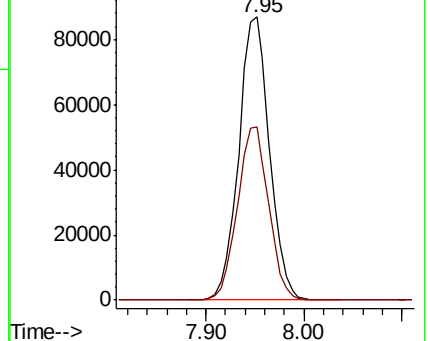
168 100

99 61.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.817 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW016311.D

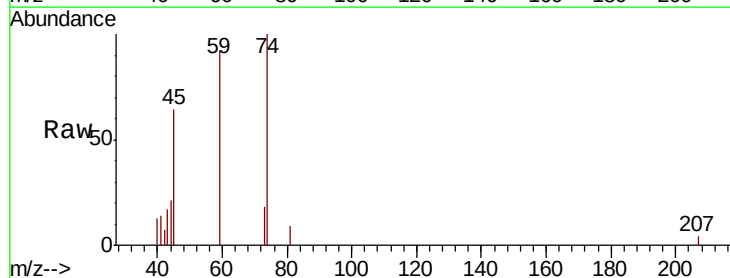
Acq: 21 Aug 2020 17:28

Tgt Ion: 74 Resp: 2750

Ion Ratio Lower Upper

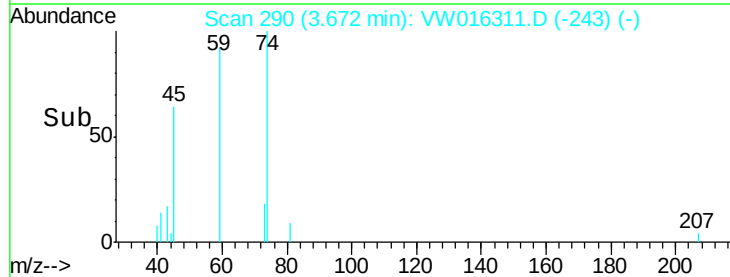
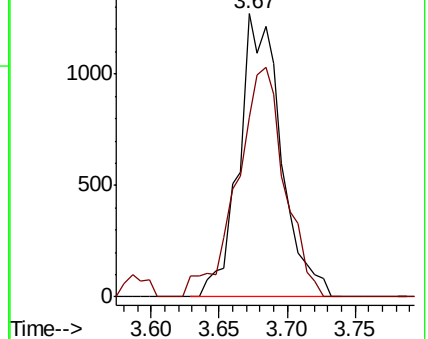
74 100

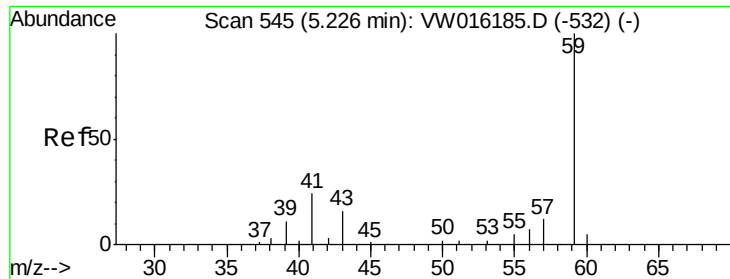
45 91.1 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

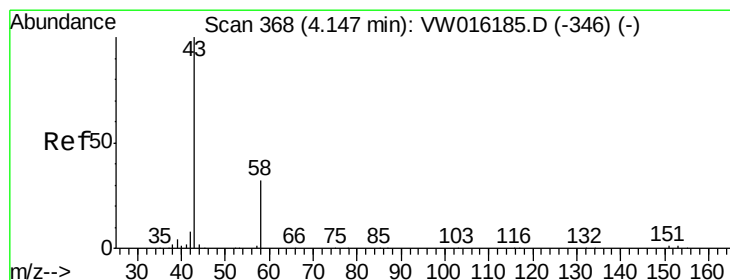
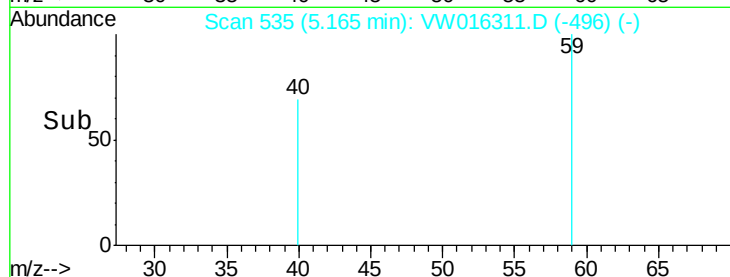
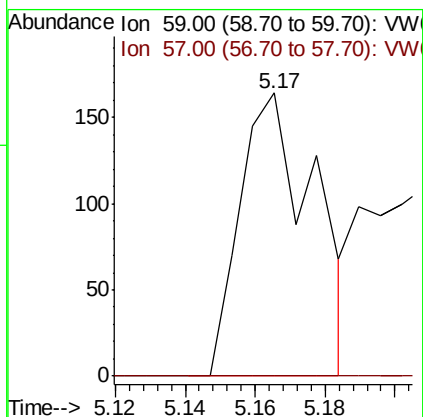
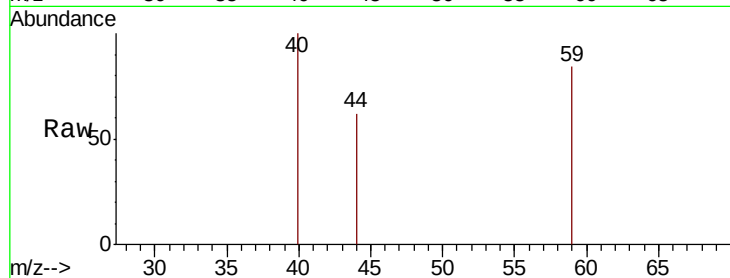
Ion 45.00 (44.70 to 45.70): VW





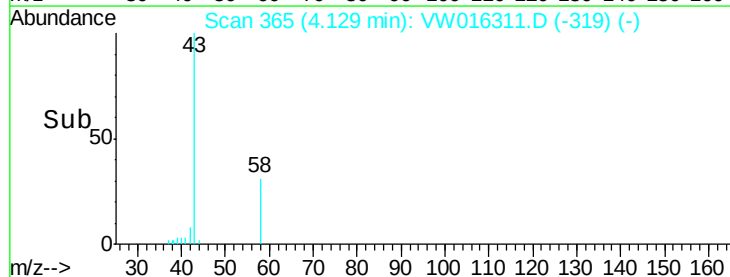
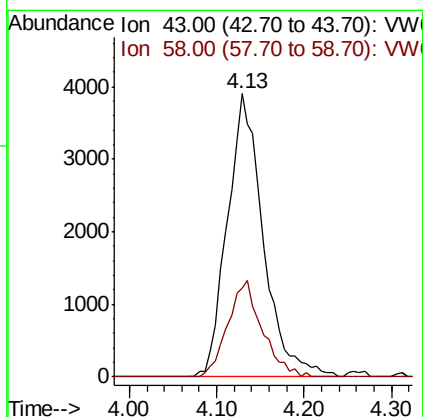
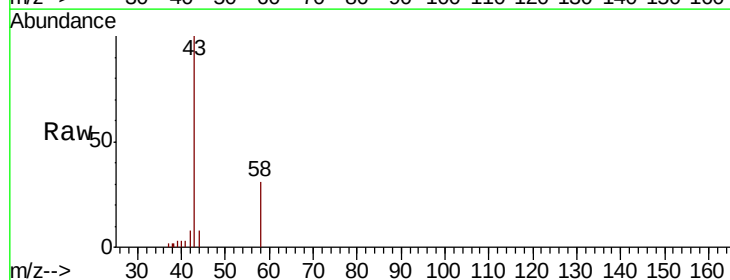
#11
Tert butyl alcohol
Concen: 2.469 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.06 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

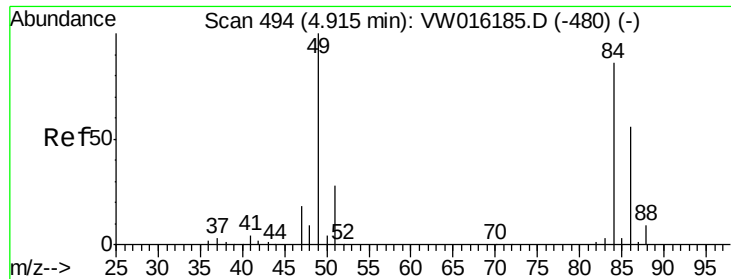
Tot Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#16
Acetone
Concen: 31.392 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

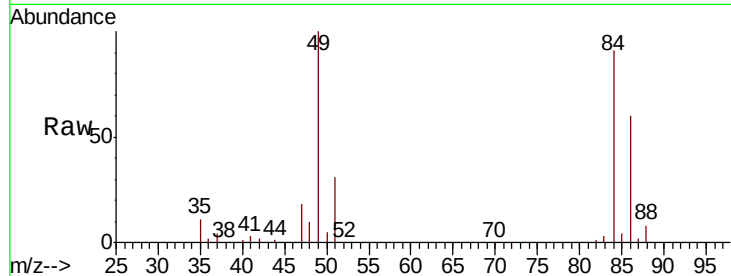
Tgt Ion: 43 Resp: 11120
Ion Ratio Lower Upper
43 100
58 31.5 25.8 38.6



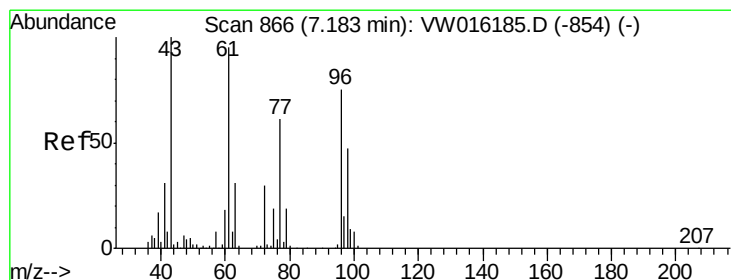
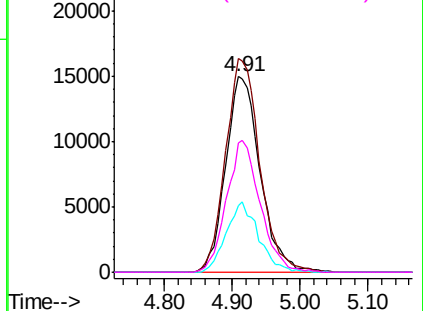
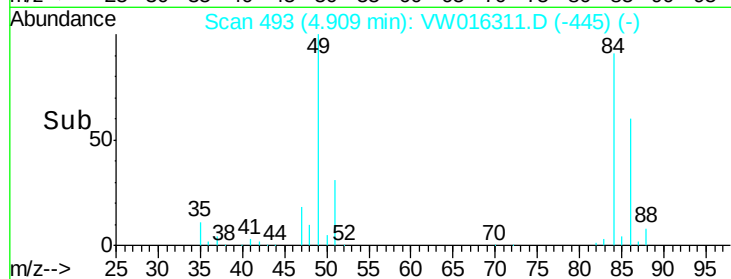


#20
Methvlene Chloride
Concen: 21.090 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tot Ion:	84	Resp:	52695
Ion	Ratio	Lower	Upper
84	100		
49	109.4	93.4	140.2
51	34.3	26.6	40.0
86	66.1	52.2	78.2

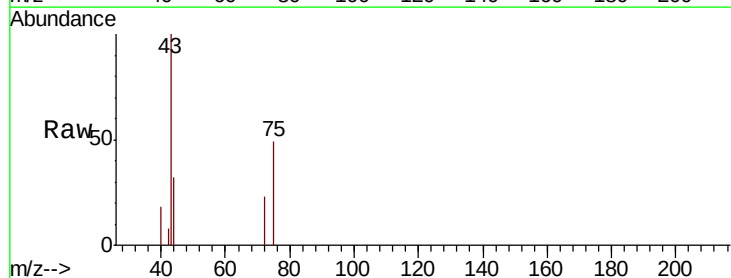


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

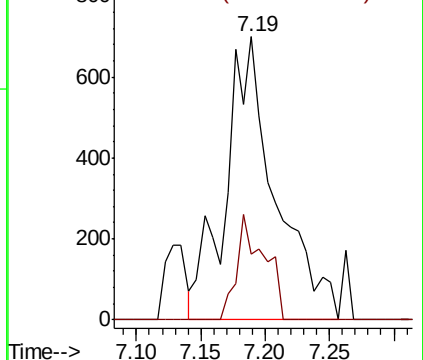
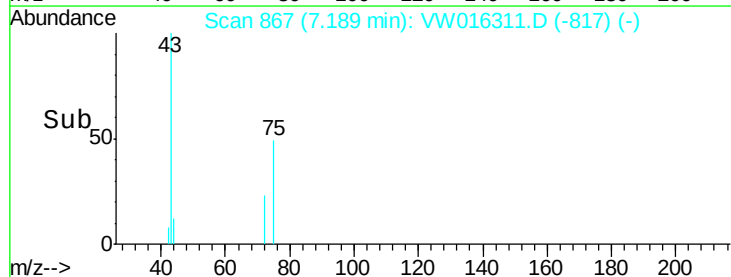


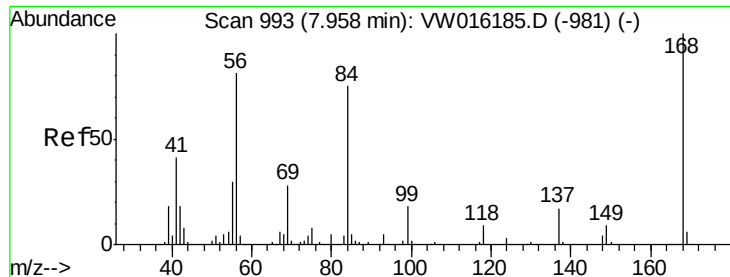
#25
2-Butanone
Concen: 3.985 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tgt Ion:	43	Resp:	1892
Ion	Ratio	Lower	Upper
43	100		
72	23.5	24.2	36.2#



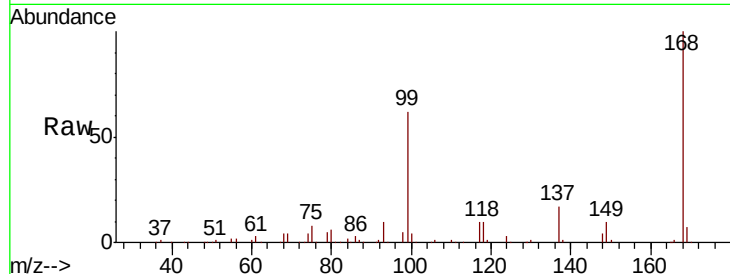
Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



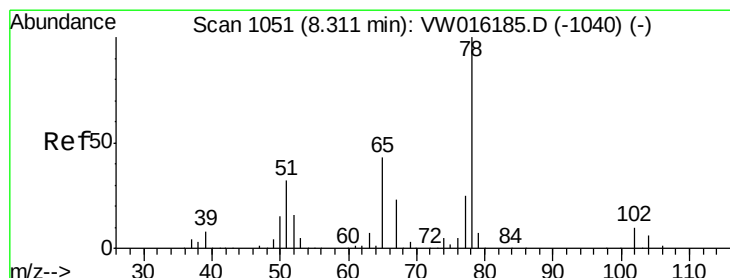
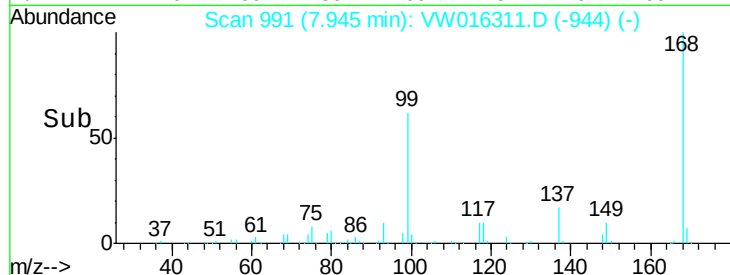
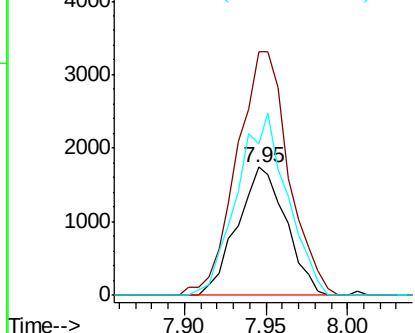


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tot Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 189.9 27.3 40.9#
84 117.7 73.5 110.3#

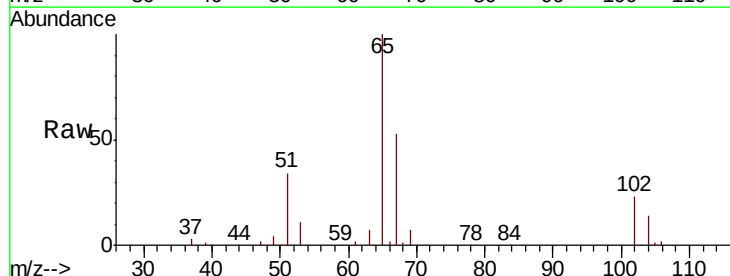


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

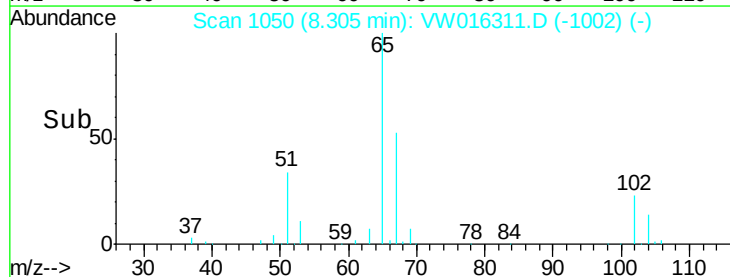
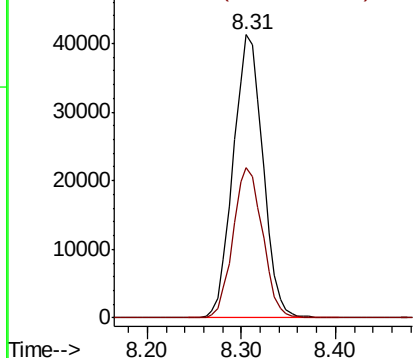


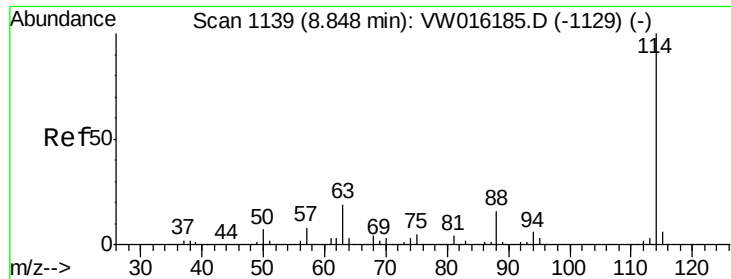
#33
1,2-Dichloroethane-d4
Concen: 49.126 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tgt Ion: 65 Resp: 90840
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.6



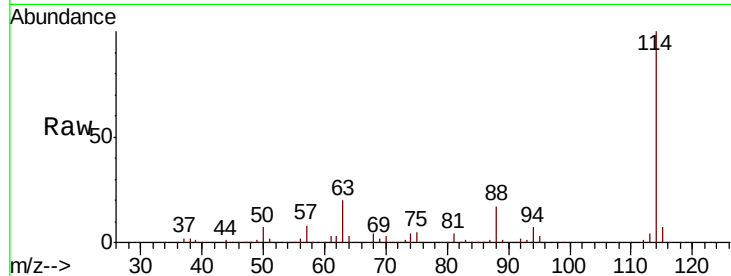
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW



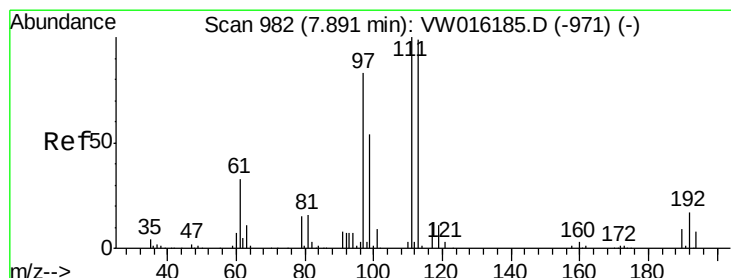
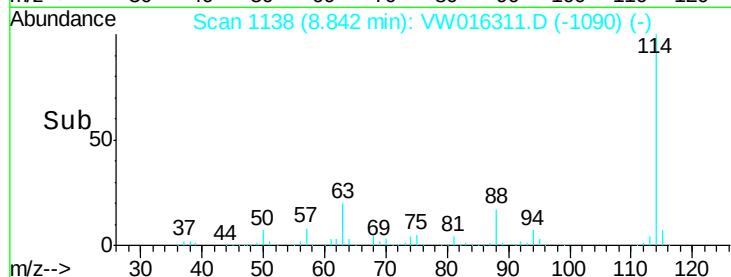
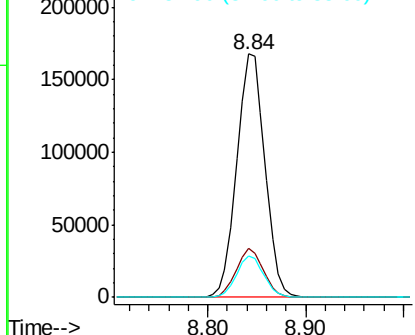


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tot Ion:114 Resp: 335050
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 17.1 0.0 32.8

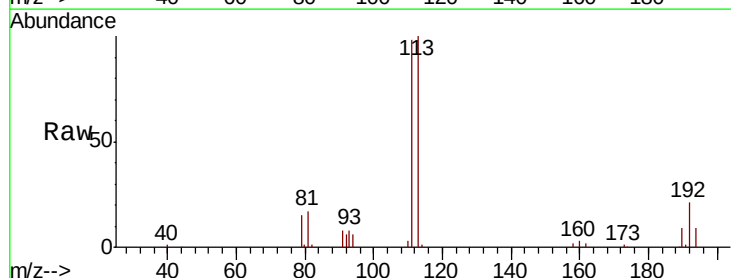


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

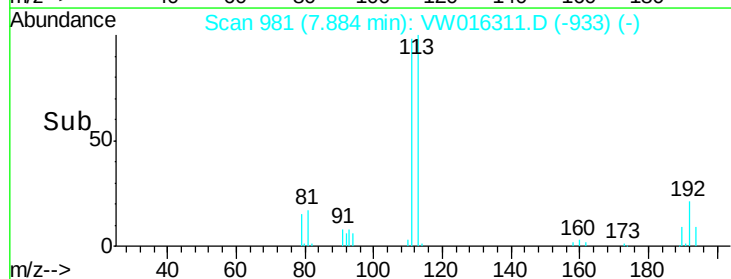
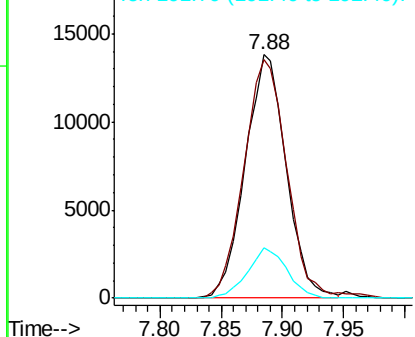


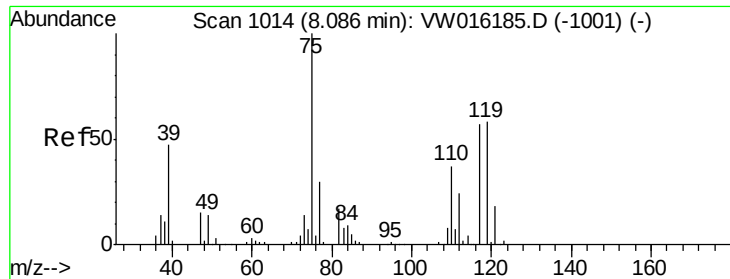
#35
Dibromofluoromethane
Concen: 15.575 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tgt Ion:113 Resp: 32199
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 19.7 14.3 21.5



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: 4.369 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW016311.D

Acq: 21 Aug 2020 17:28

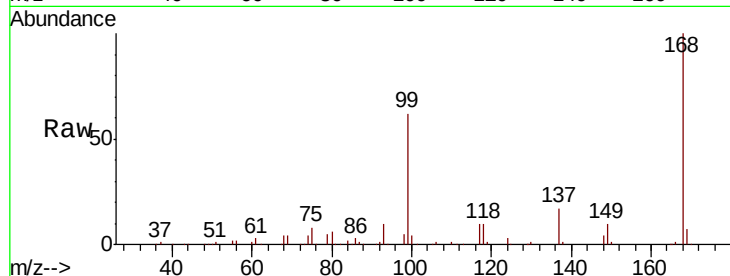
Tot Ion: 75 Resp: 14421

Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.3#

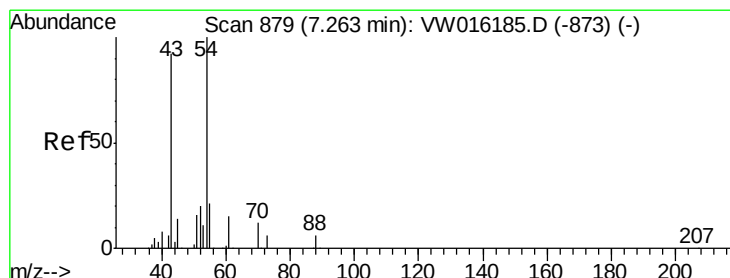
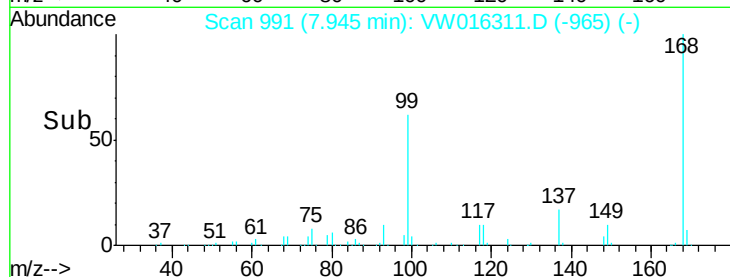
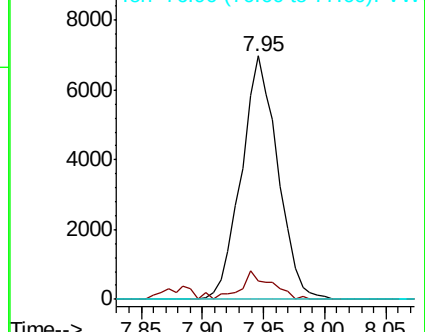
77 0.0 24.7 37.1#



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: 1.672 ug/l

RT: 7.19 min Scan# 867

Delta R.T. -0.07 min

Lab File: VW016311.D

Acq: 21 Aug 2020 17:28

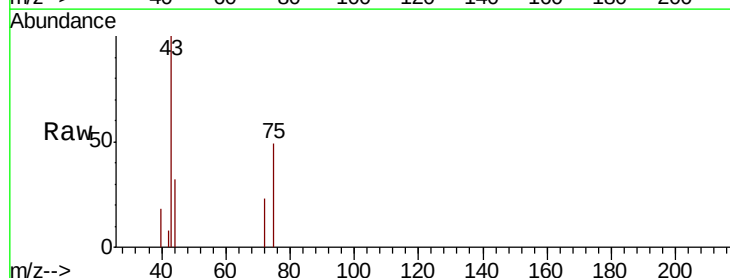
Tgt Ion: 43 Resp: 1892

Ion Ratio Lower Upper

43 100

61 0.0 12.6 18.8#

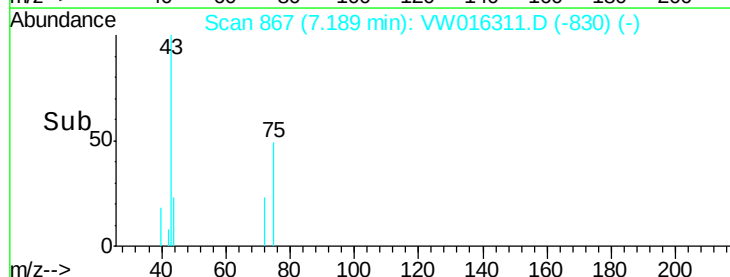
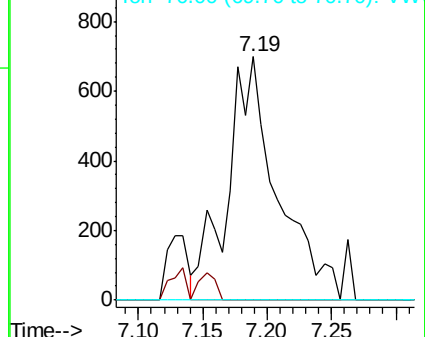
70 0.0 9.8 14.8#

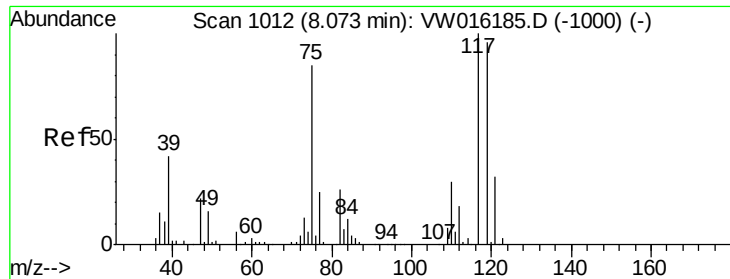


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

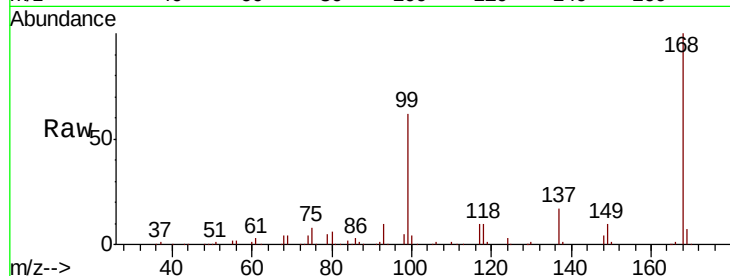
Ion 70.00 (69.70 to 70.70): VW



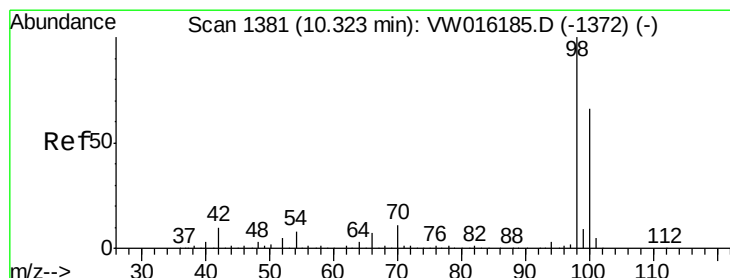
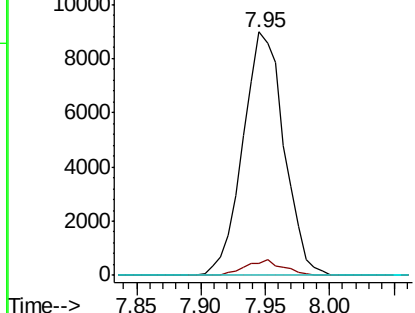
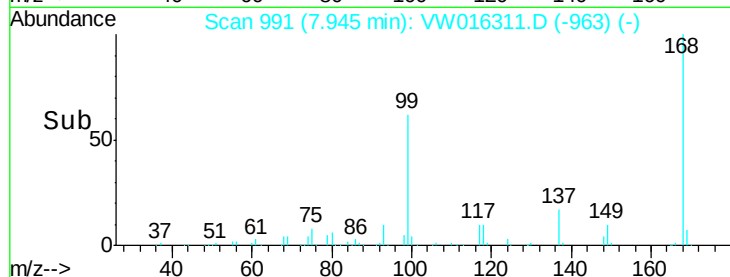


#38
Carbon Tetrachloride
Concen: 6.008 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tot Ion:117 Resp: 19789
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 25.4 38.0#

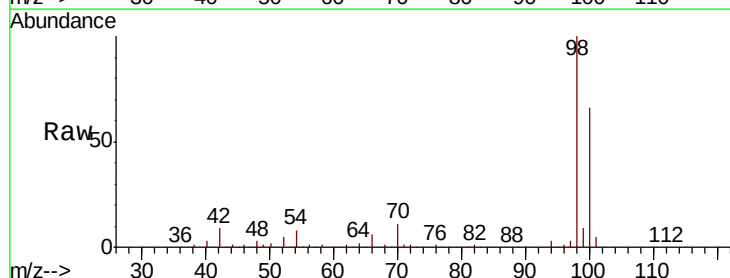


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

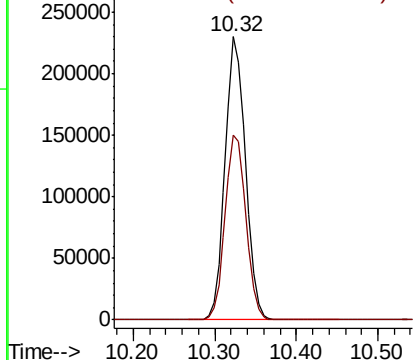
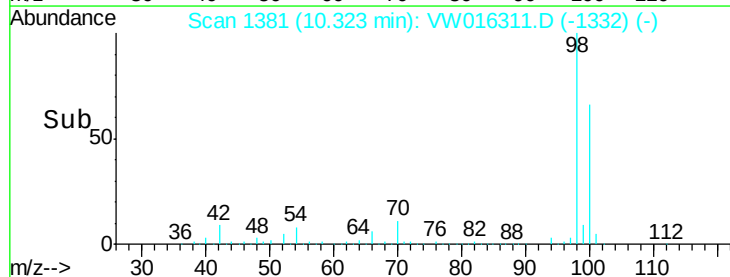


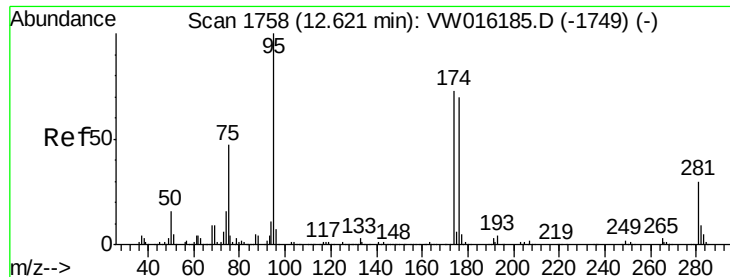
#50
Toluene-d8
Concen: 49.473 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tgt Ion: 98 Resp: 395889
Ion Ratio Lower Upper
98 100
100 67.0 53.5 80.3



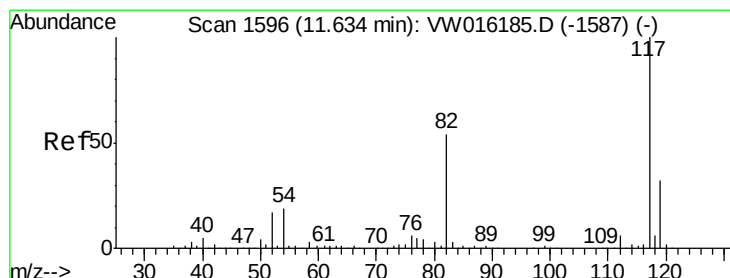
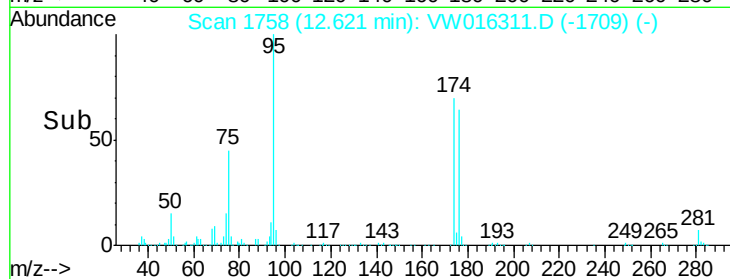
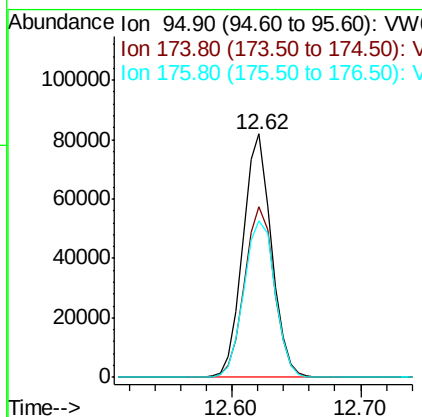
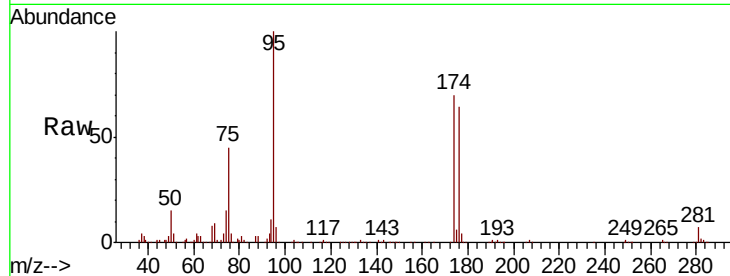
Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





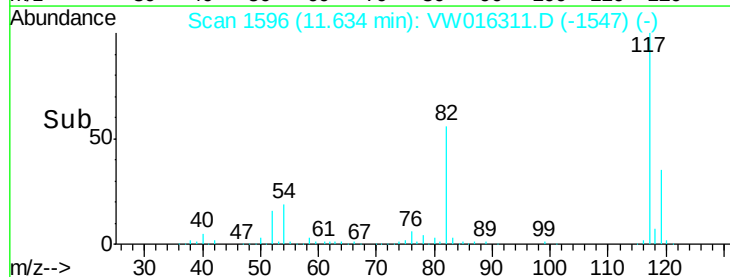
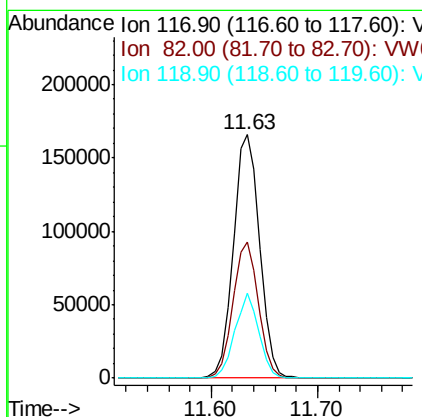
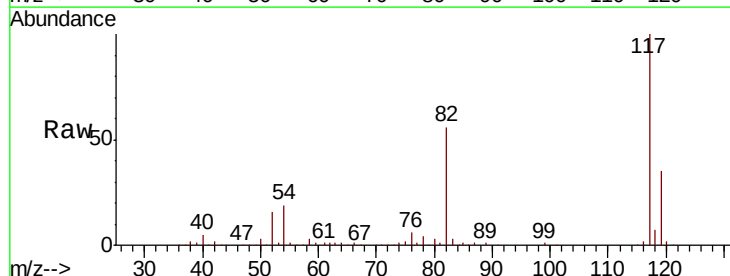
#62
4-Bromofluorobenzene
Concen: 43.696 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

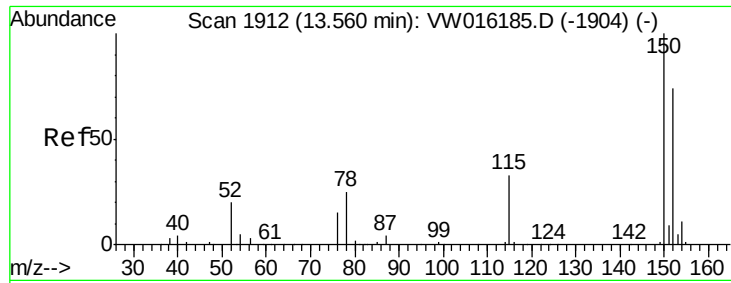
Tot Ion	95	Resp	124988
Ion Ratio	100		
Lower		0.0	145.6
Upper		0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tgt Ion	117	Resp	286117
Ion Ratio	100		
Lower		43.6	65.4
Upper		25.4	38.0

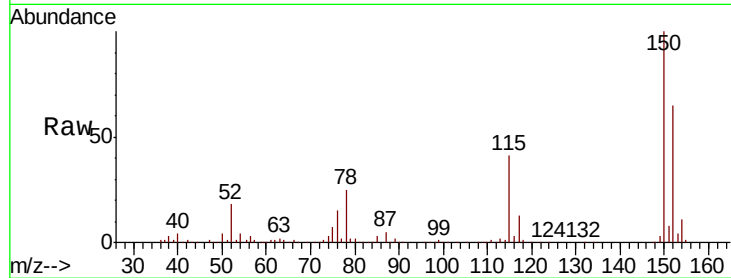




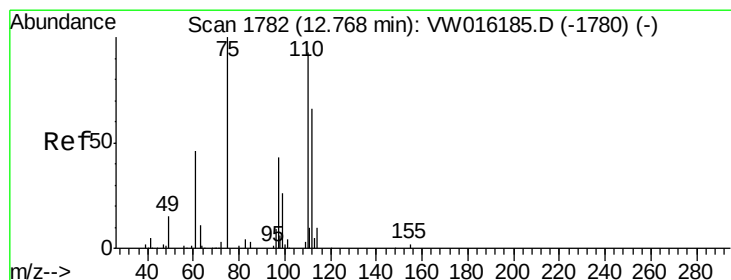
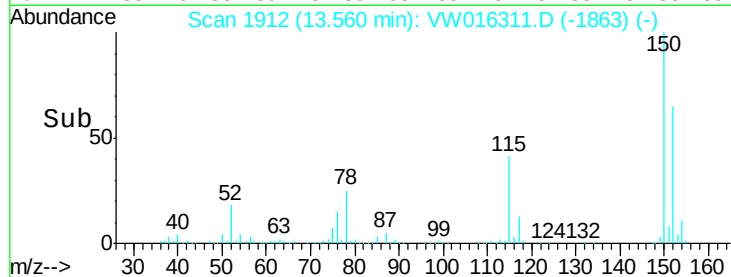
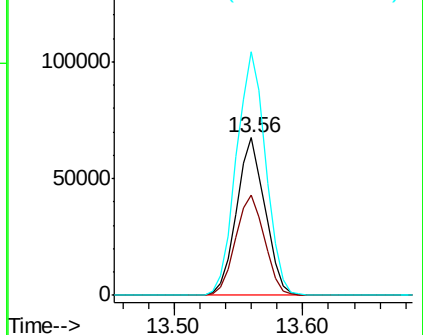
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.9	30.9	92.5
150	159.4	0.0	337.8



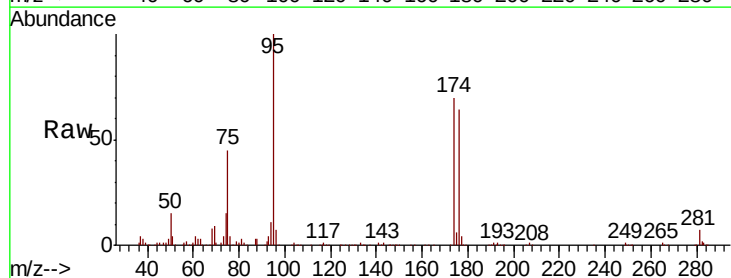
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



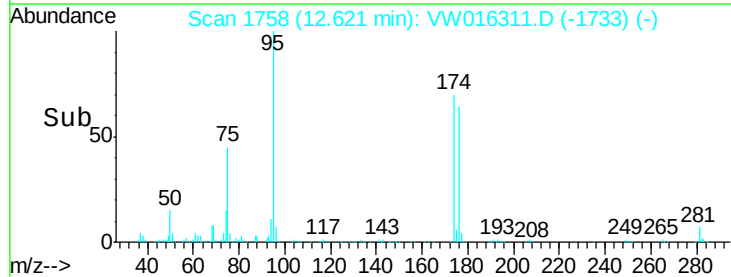
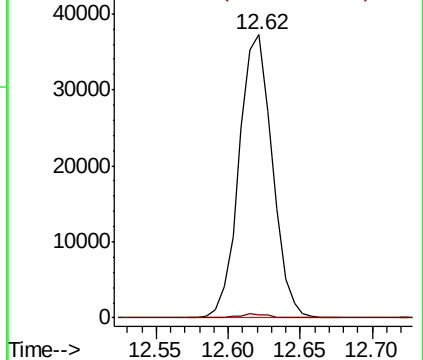
#76

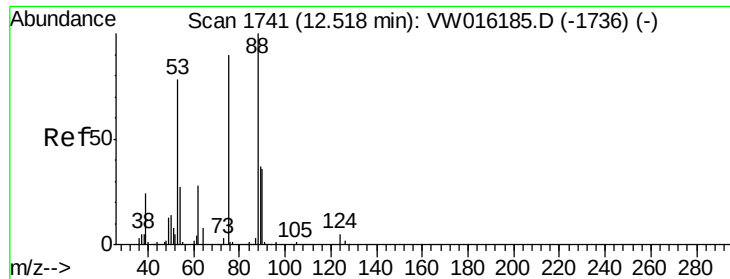
1,2,3-Trichloropropane
Concen: 62.687 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW016311.D
Acq: 21 Aug 2020 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 150.363 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016311.D

Acq: 21 Aug 2020 17:28

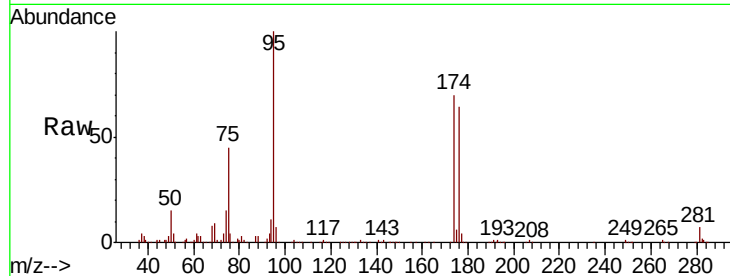
Tot Ion: 75 Resp: 59670

Ion Ratio Lower Upper

75 100

53 0.1 74.6 111.8#

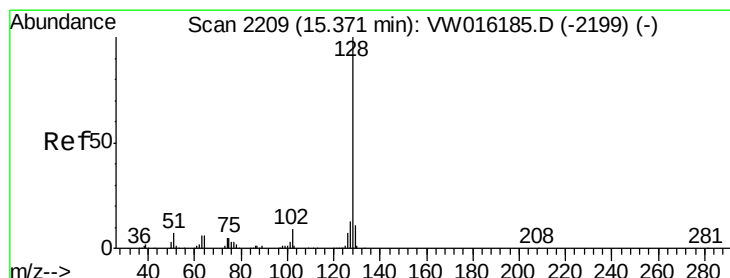
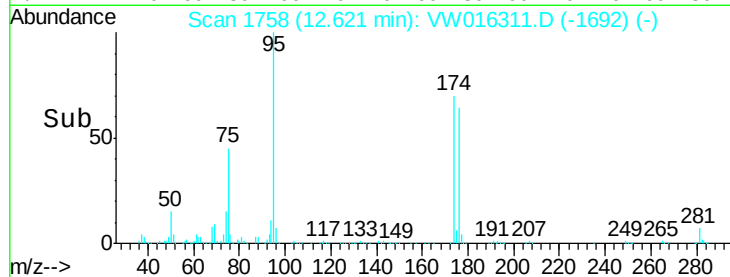
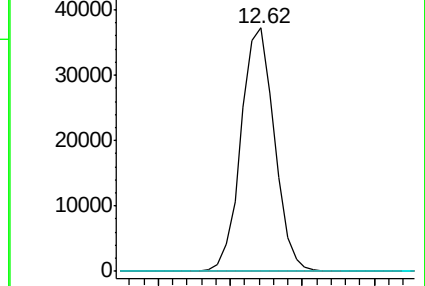
89 0.1 37.2 55.8#



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: 6.550 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016311.D

Acq: 21 Aug 2020 17:28

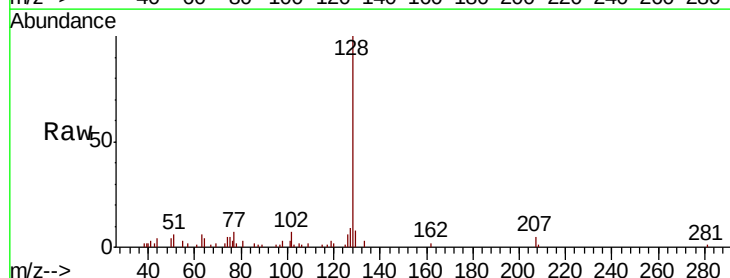
Tgt Ion: 128 Resp: 12194

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 11.1 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

