

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016309.D
 Acq On : 21 Aug 2020 16:37
 Operator : SY/VA
 Sample : L3734-04
 Misc : 6.13G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

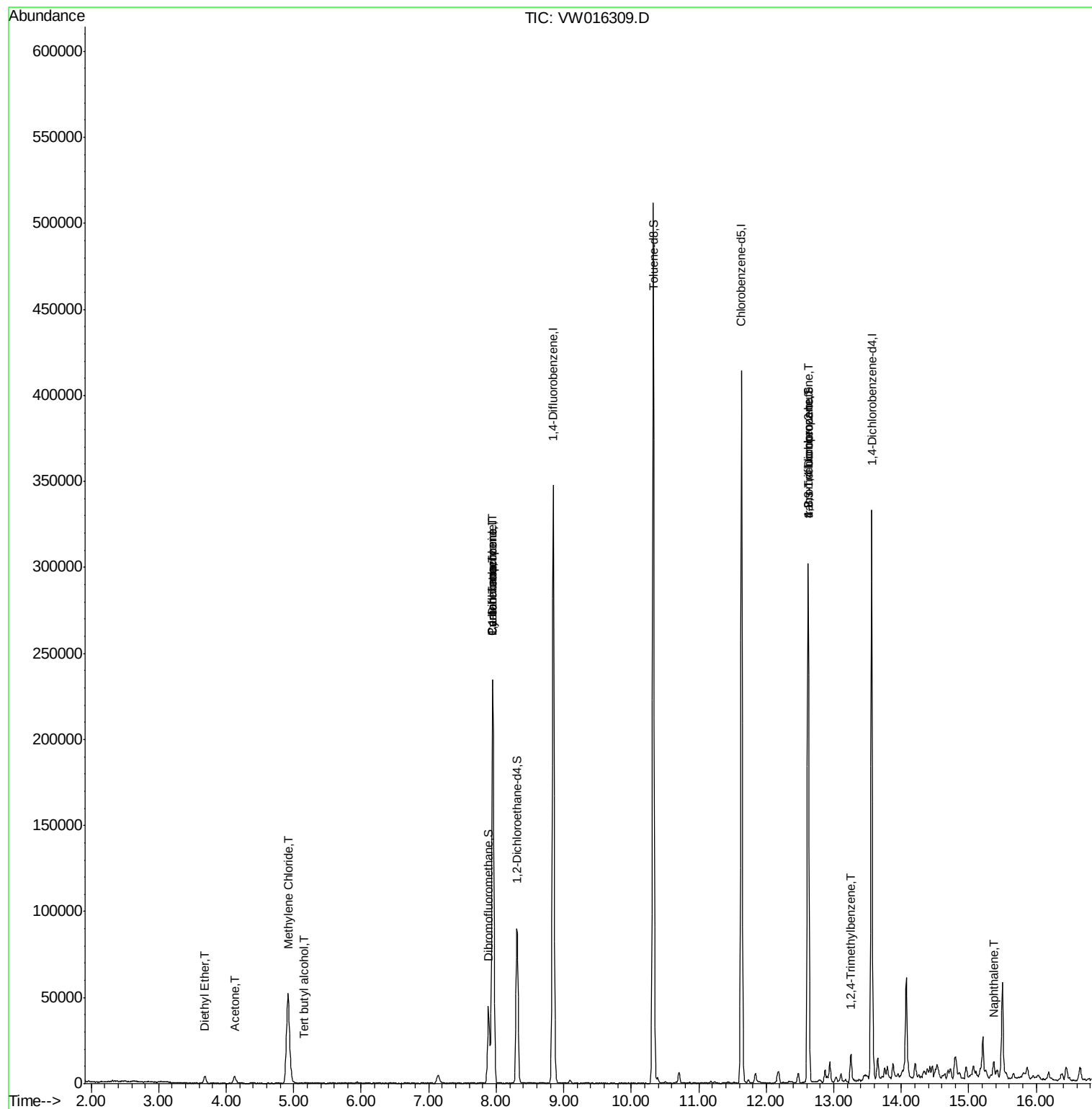
Quant Time: Aug 22 06:04:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

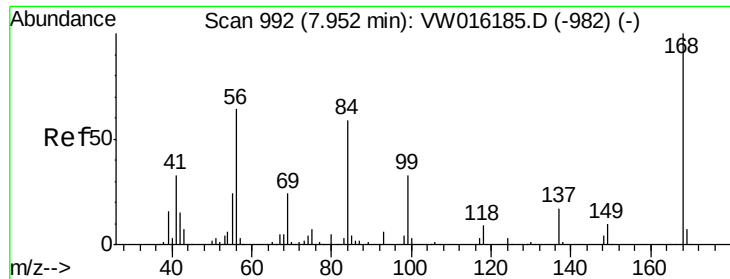
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70923	41.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.02%	
35) Dibromofluoromethane	7.88	113	32815	17.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.14%	
50) Toluene-d8	10.33	98	356493	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	104945	40.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.22%	
Target Compounds						
8) Diethyl Ether	3.69	74	2515	2.754	ug/l	99
11) Tert butyl alcohol	5.16	59	344	3.737	ug/l #	70
16) Acetone	4.12	43	7720	23.300	ug/l	91
20) Methylene Chloride	4.92	84	46658	19.672	ug/l	89
31) Cyclohexane	7.95	56	3443	1.091	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13659	4.580	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18529	6.226	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	50049	61.536	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	50049	147.602	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.26	105	9311	1.626	ug/l	96
95) Naphthalene	15.37	128	8712	6.063	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082220\
Data File : VW016309.D
Acq On : 21 Aug 2020 16:37
Operator : SY/VA
Sample : L3734-04
Misc : 6.13G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 22 06:04:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 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: VW016309.D

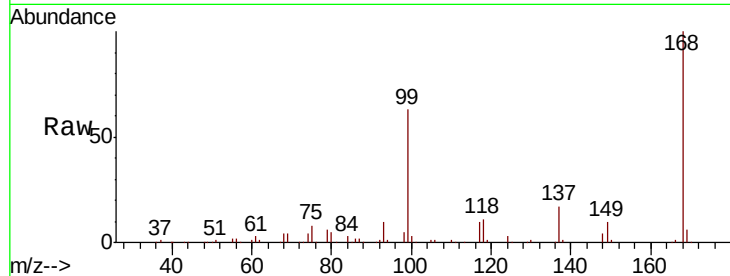
Acq: 21 Aug 2020 16:37

Tot Ion:168 Resp: 177357

Ion Ratio Lower Upper

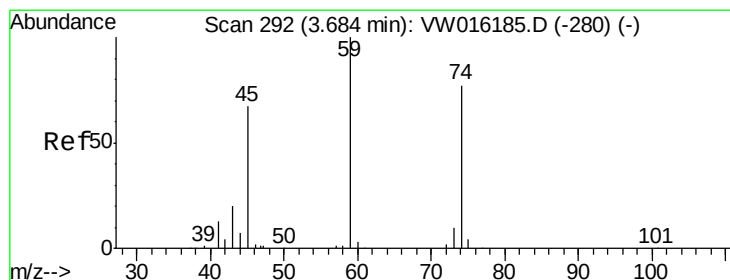
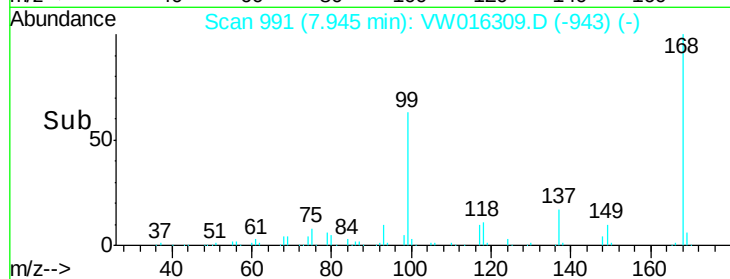
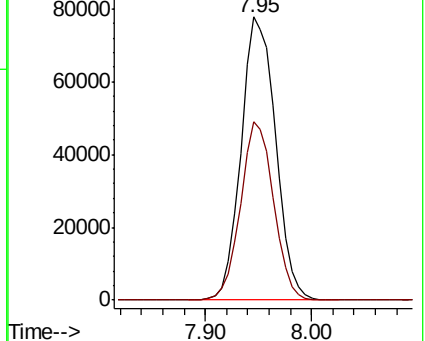
168 100

99 63.0 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: 2.754 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW016309.D

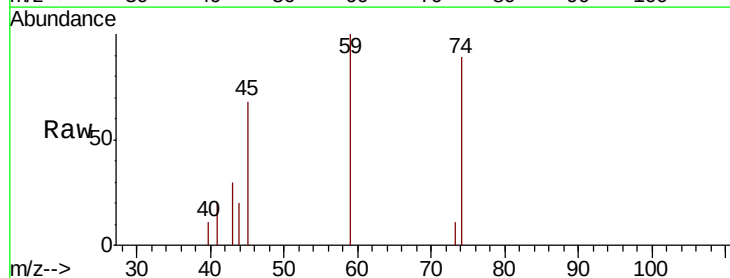
Acq: 21 Aug 2020 16:37

Tgt Ion: 74 Resp: 2515

Ion Ratio Lower Upper

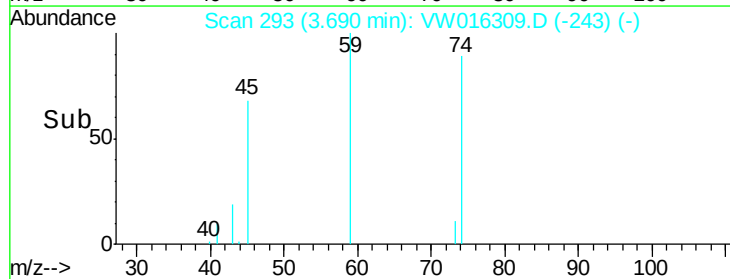
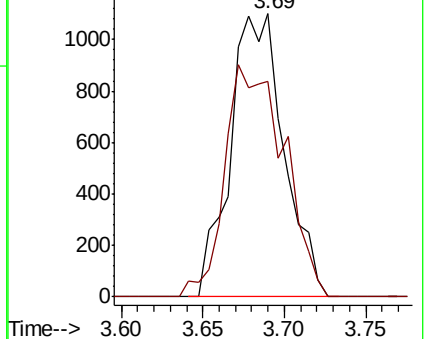
74 100

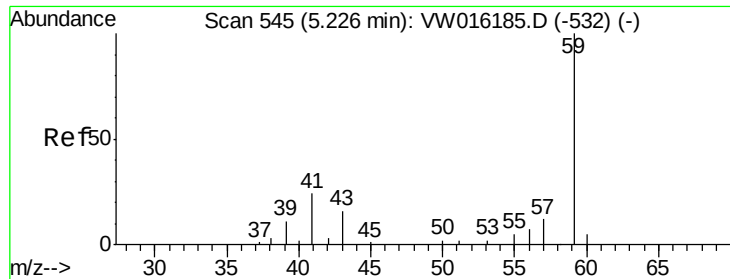
45 90.4 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

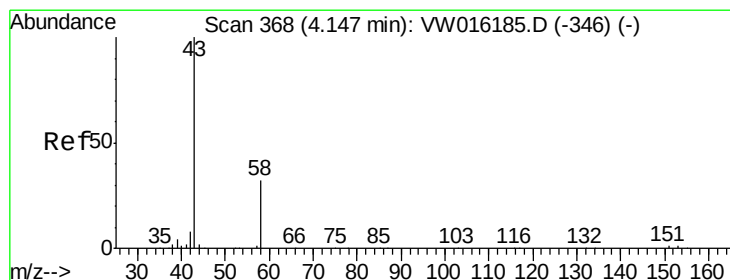
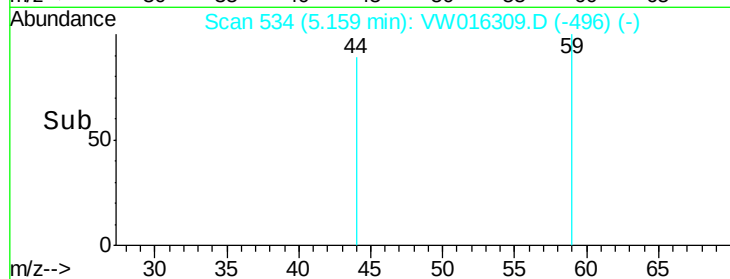
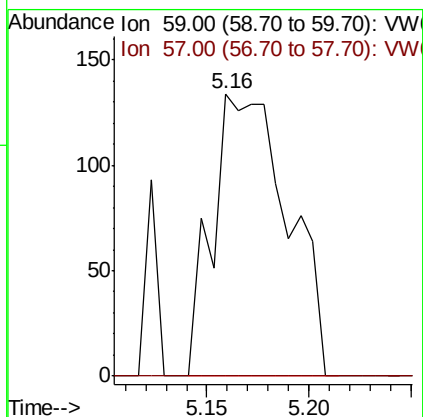
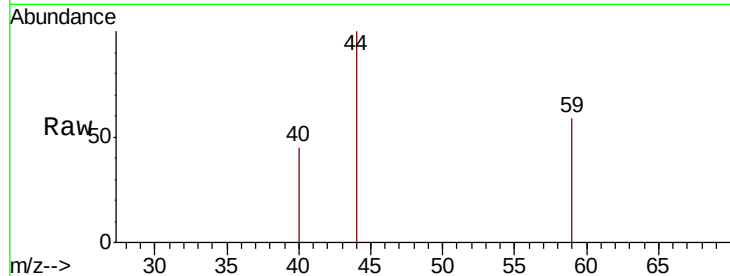
Ion 45.00 (44.70 to 45.70): VW





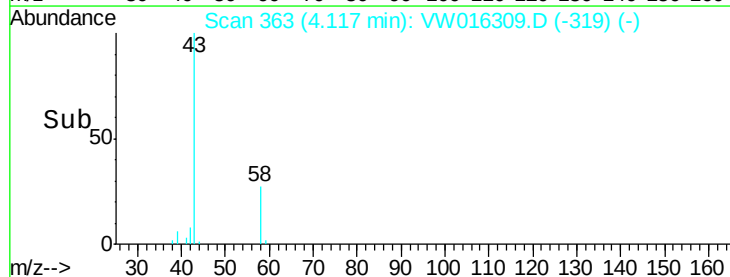
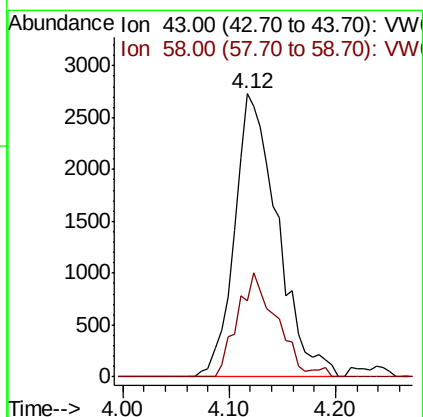
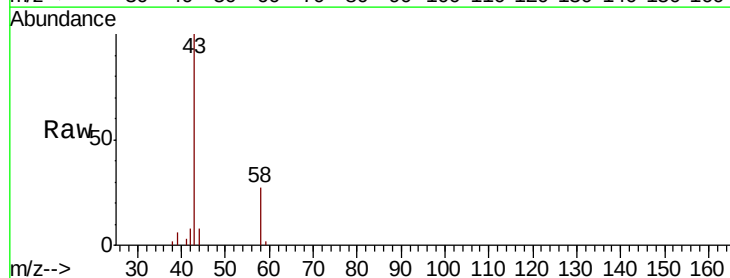
#11
Tert butyl alcohol
Concen: 3.737 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.07 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

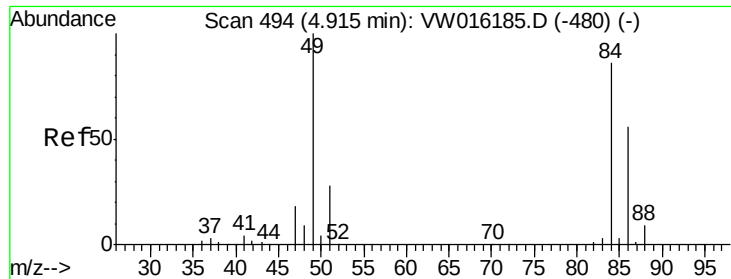
Tot Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#



#16
Acetone
Concen: 23.300 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.03 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

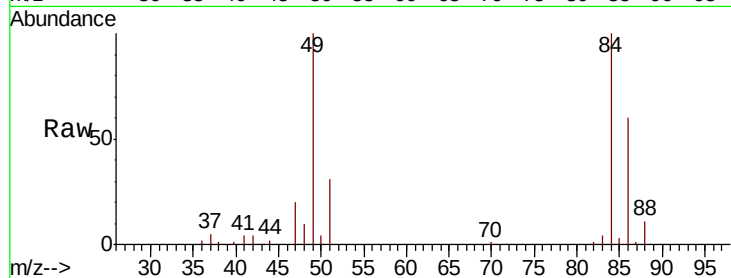
Tgt Ion: 43 Resp: 7720
Ion Ratio Lower Upper
43 100
58 26.9 25.8 38.6





#20
Methylene Chloride
Concen: 19.672 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tot Ion:	84	Resp:	46658
Ion	Ratio	Lower	Upper
84	100		
49	100.4	93.4	140.2
51	30.9	26.6	40.0
86	60.5	52.2	78.2



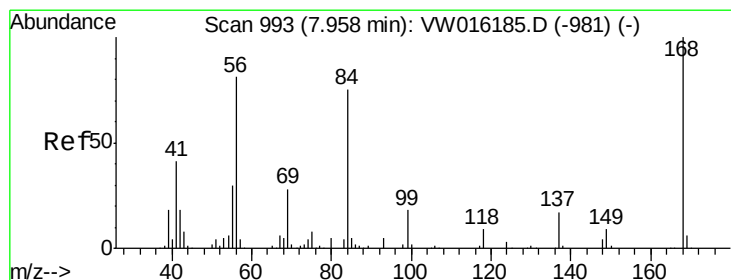
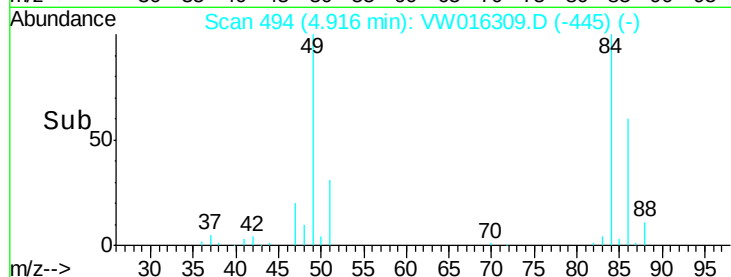
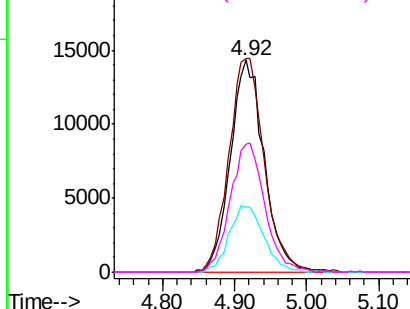
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

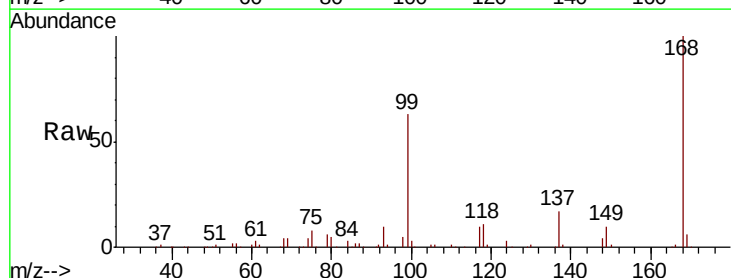
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tgt Ion:	56	Resp:	3443
Ion	Ratio	Lower	Upper
56	100		
69	207.2	27.3	40.9#
84	154.0	73.5	110.3#

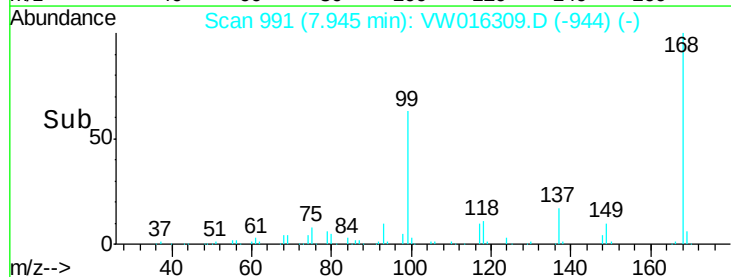
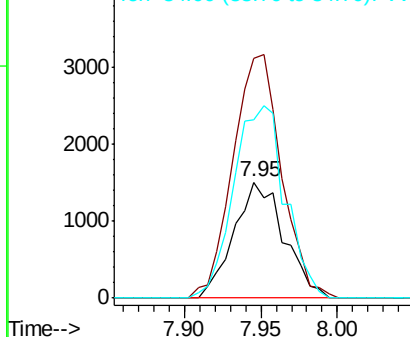


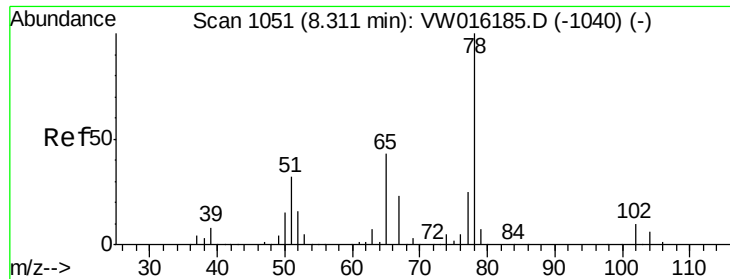
Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

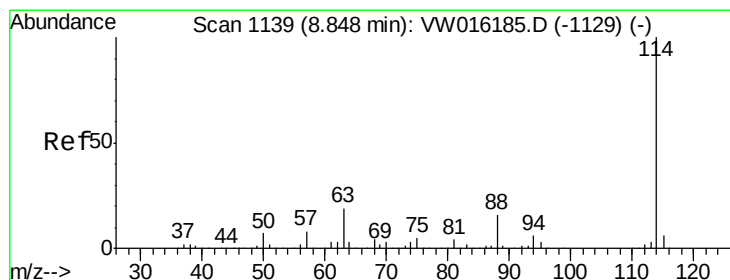
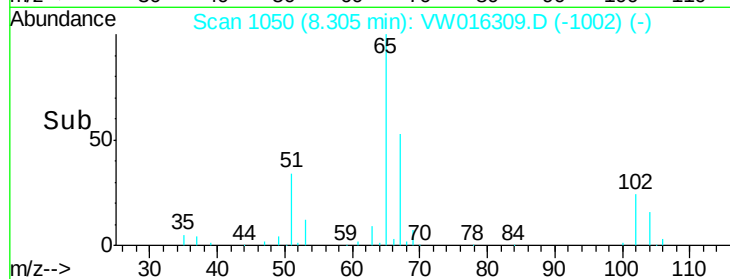
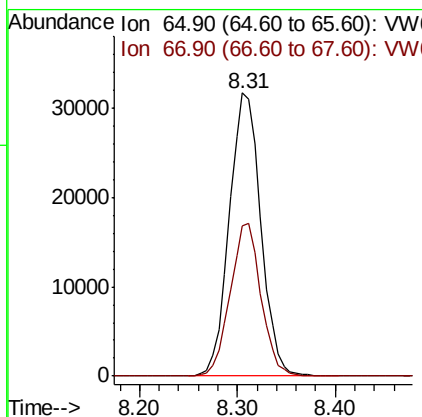
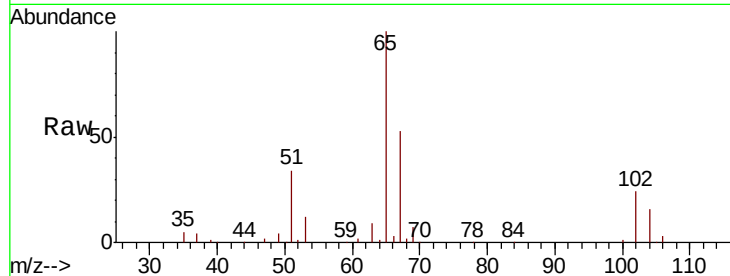
Ion 84.00 (83.70 to 84.70): VW





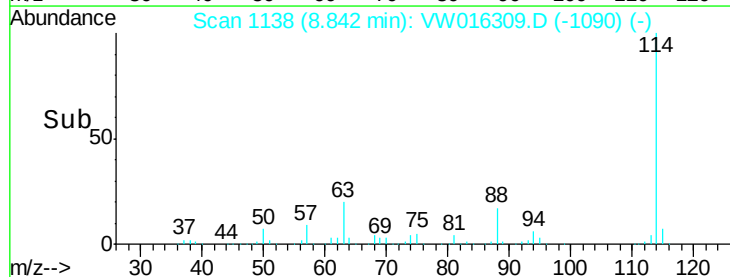
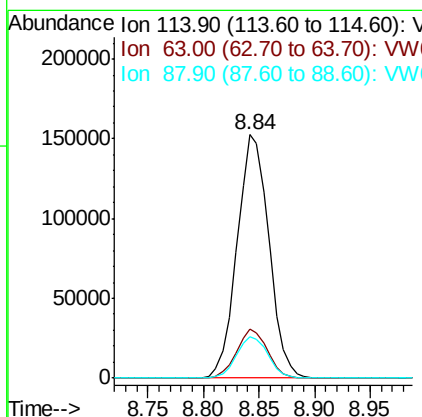
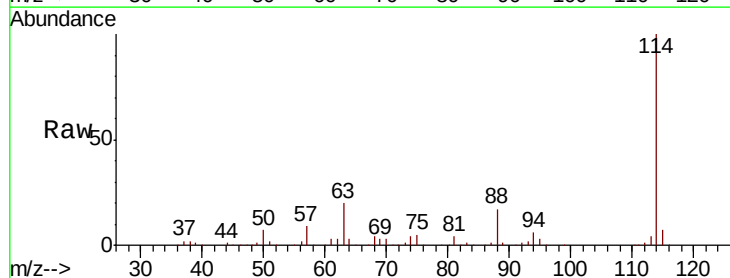
#33
 1,2-Dichloroethane-d4
 Concen: 41.006 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016309.D
 Acq: 21 Aug 2020 16:37

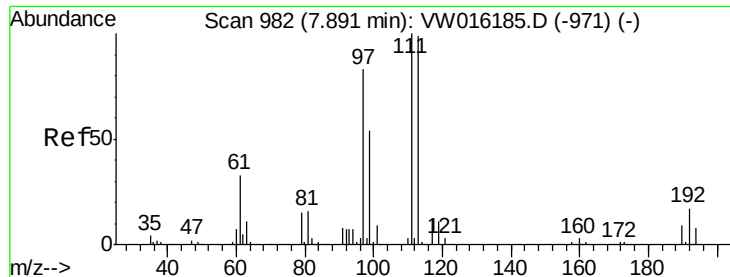
Tot Ion: 65 Resp: 70923
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016309.D
 Acq: 21 Aug 2020 16:37

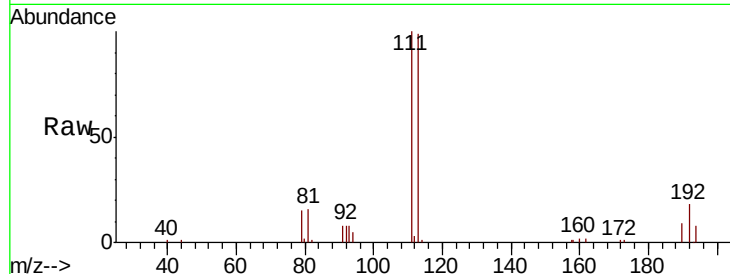
Tgt Ion: 114 Resp: 302726
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 16.8 0.0 32.8



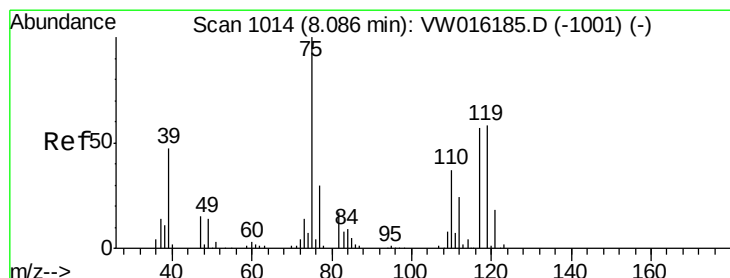
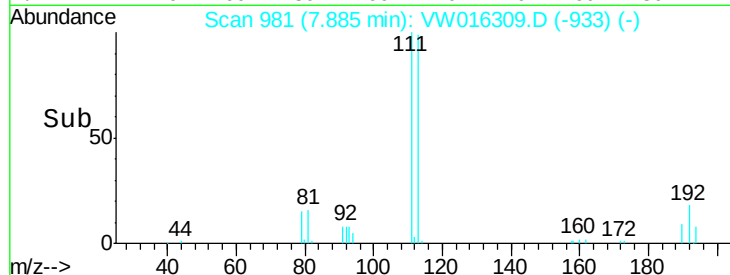
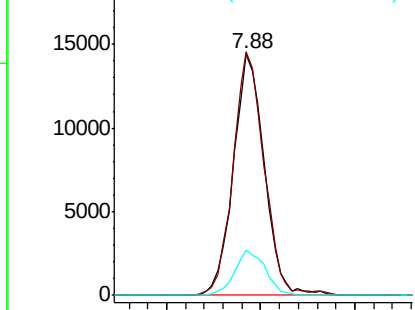


#35
 Dibromofluoromethane
 Concen: 17.568 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016309.D
 Acq: 21 Aug 2020 16:37

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.5	125.3
192	18.5	14.3	21.5

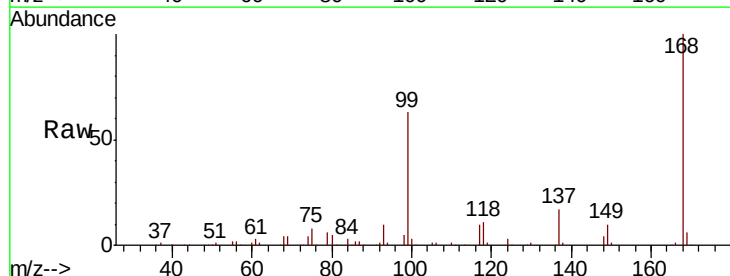


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

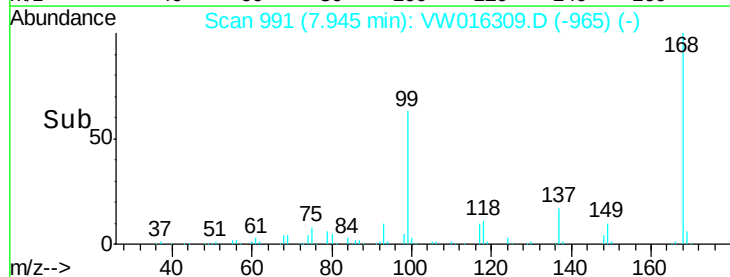
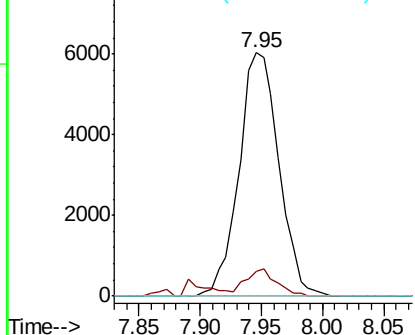


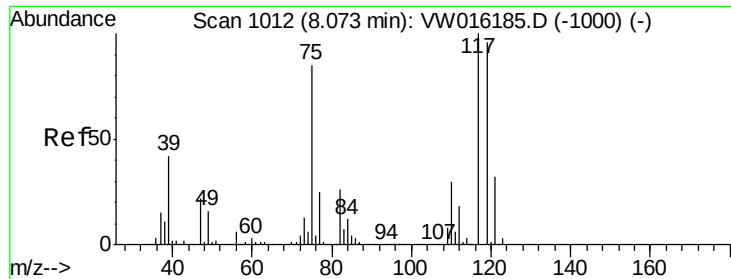
#36
 1,1-Dichloropropene
 Concen: 4.580 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016309.D
 Acq: 21 Aug 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	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): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.226 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

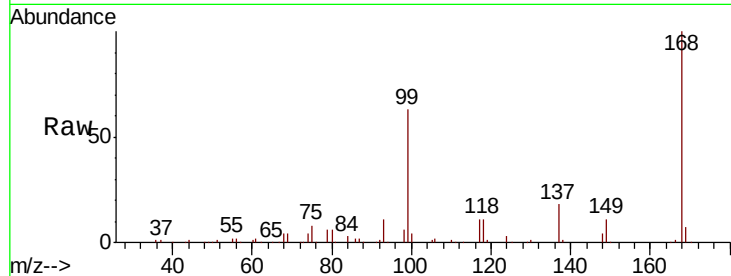
Tot Ion: 117 Resp: 18529

Ion Ratio Lower Upper

117 100

119 6.6 76.6 115.0#

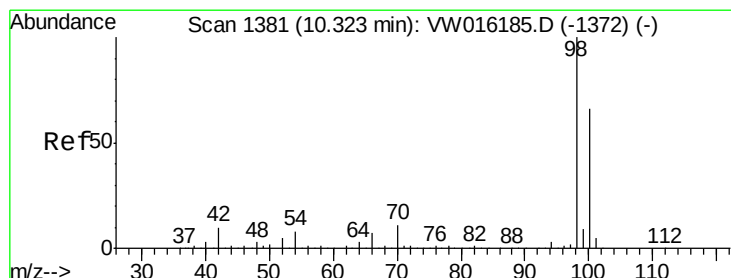
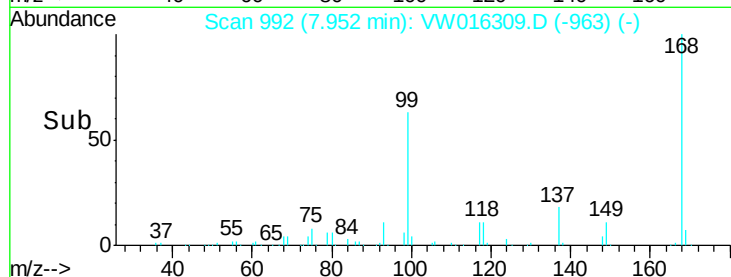
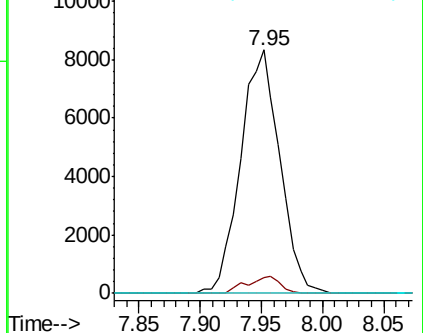
121 0.0 25.4 38.0#



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: 49.307 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016309.D

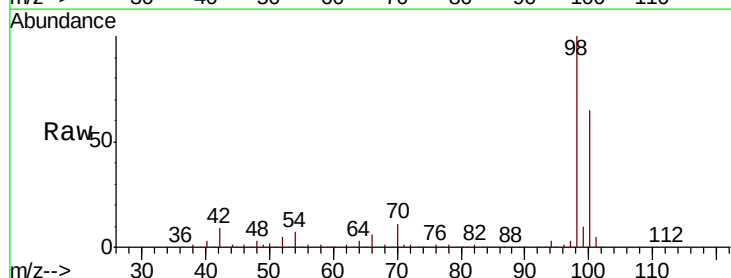
Acq: 21 Aug 2020 16:37

Tgt Ion: 98 Resp: 356493

Ion Ratio Lower Upper

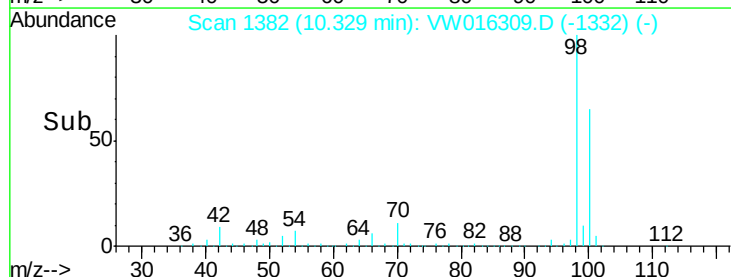
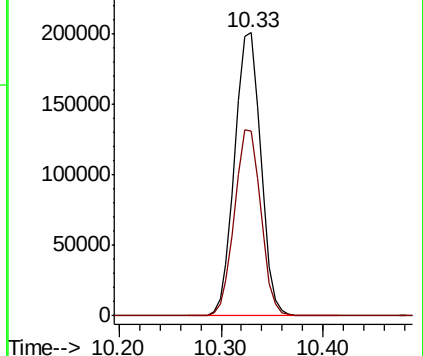
98 100

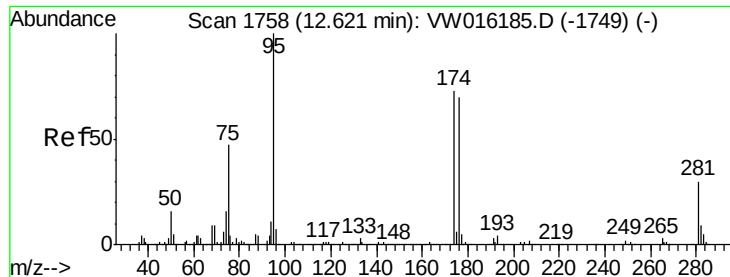
100 66.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

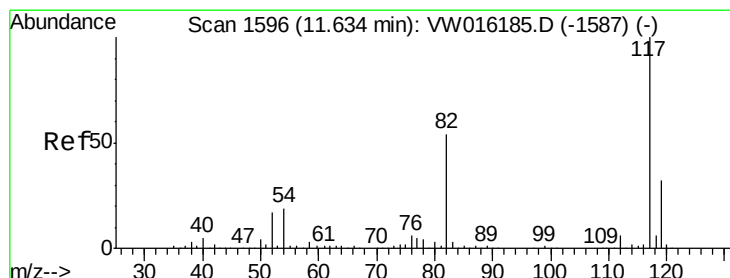
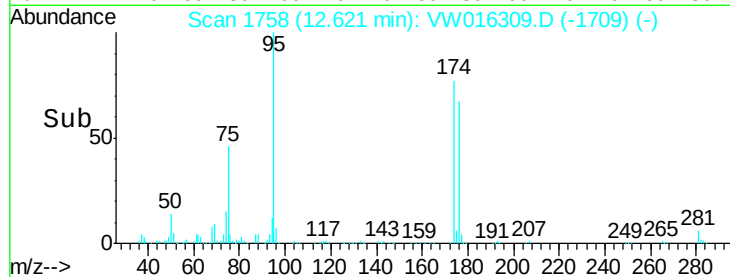
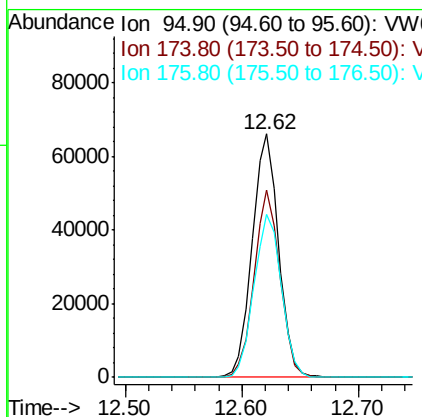
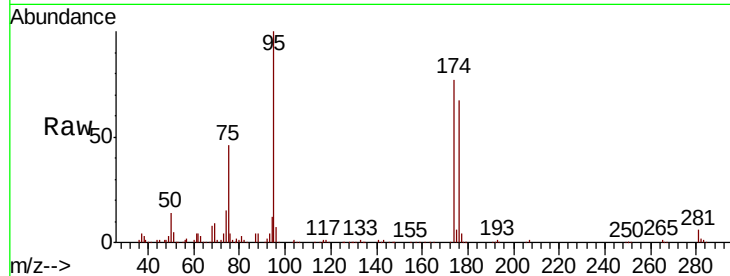
Ion 100.00 (99.70 to 100.70): VW





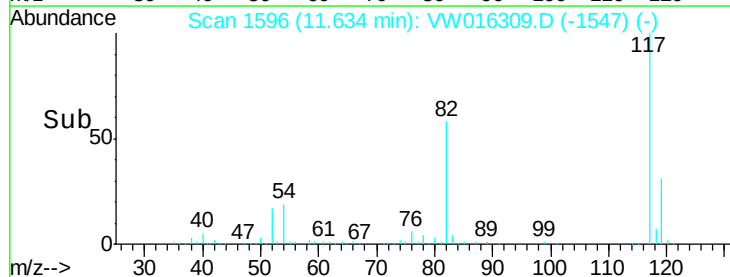
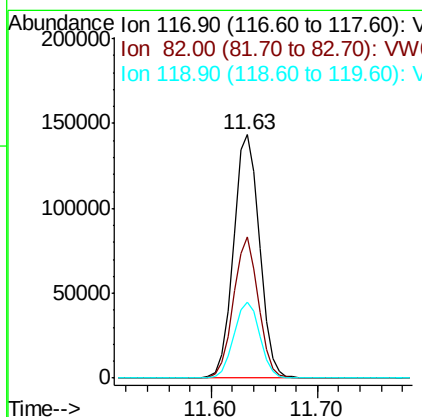
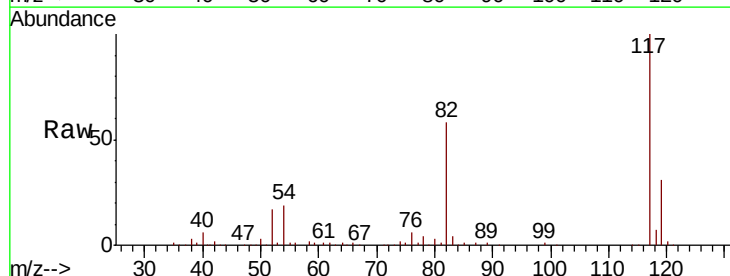
#62
4-Bromofluorobenzene
Concen: 40.607 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

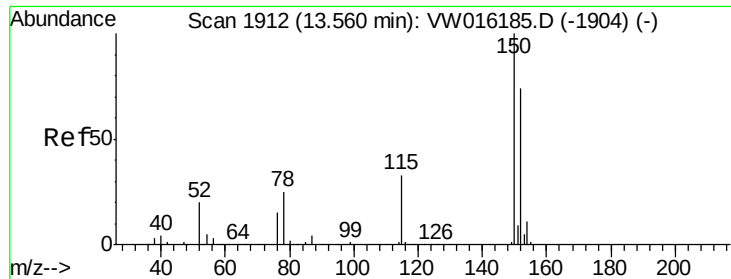
Tot Ion: 95 Resp: 104945
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.6
176 69.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tgt Ion: 117 Resp: 245246
Ion Ratio Lower Upper
117 100
82 57.8 43.6 65.4
119 31.4 25.4 38.0

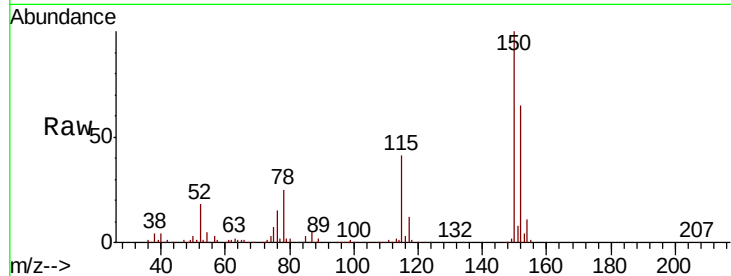




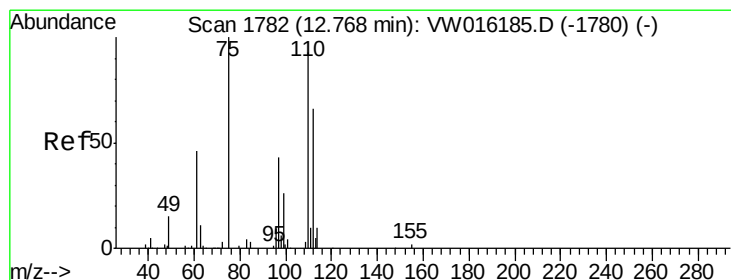
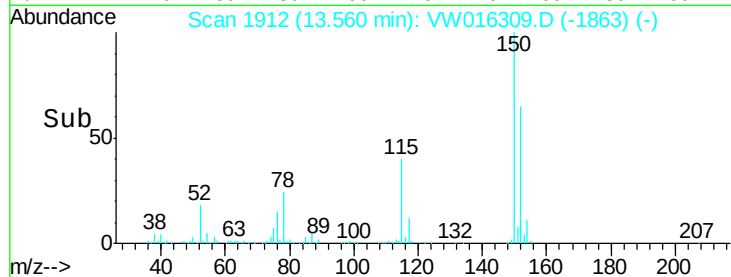
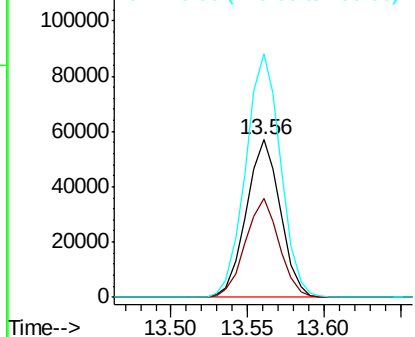
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.9	92.5
150	158.1	0.0	337.8



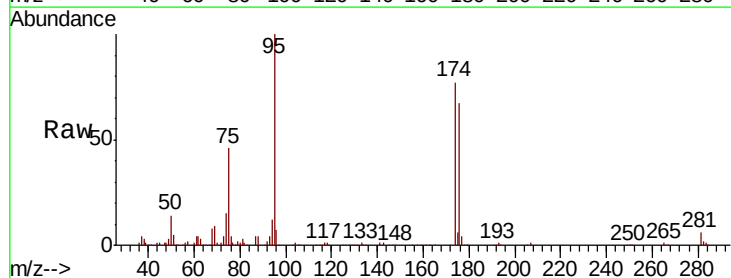
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



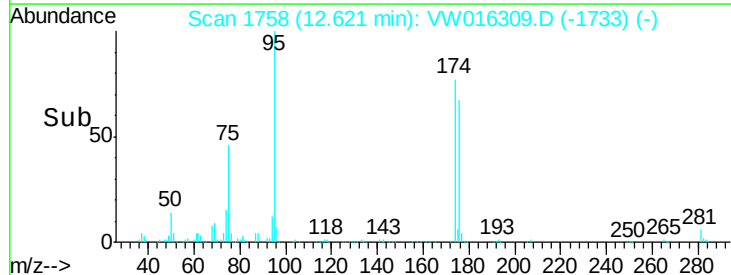
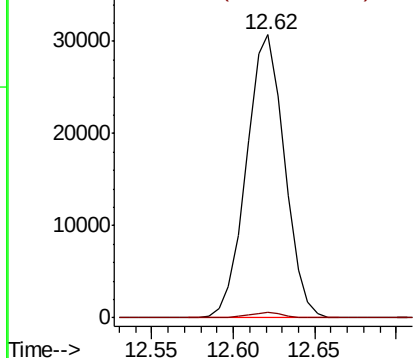
#76

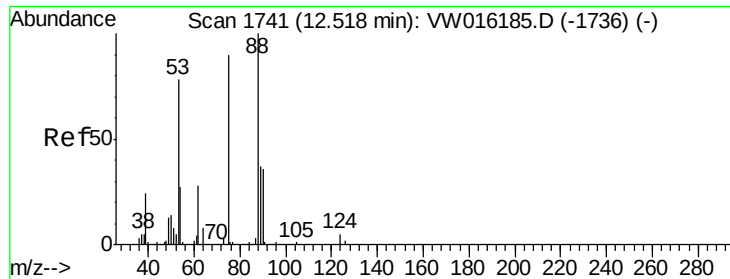
1,2,3-Trichloropropane
Concen: 61.536 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.7	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: 147.602 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

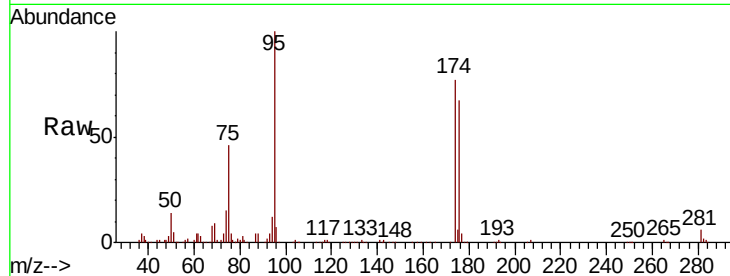
Tot Ion: 75 Resp: 50049

Ion Ratio Lower Upper

75 100

53 0.1 74.6 111.8#

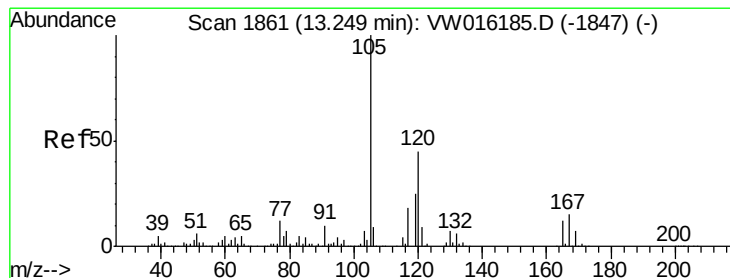
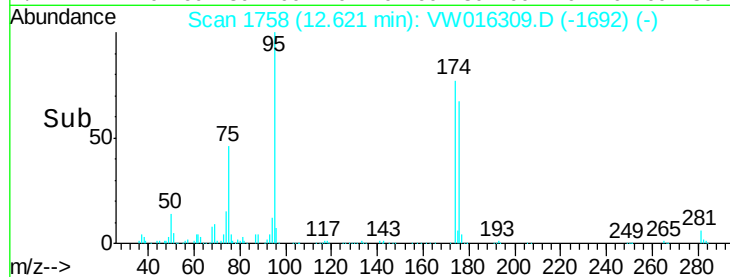
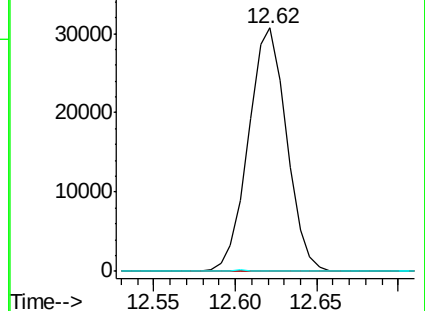
89 0.2 37.2 55.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.626 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VW016309.D

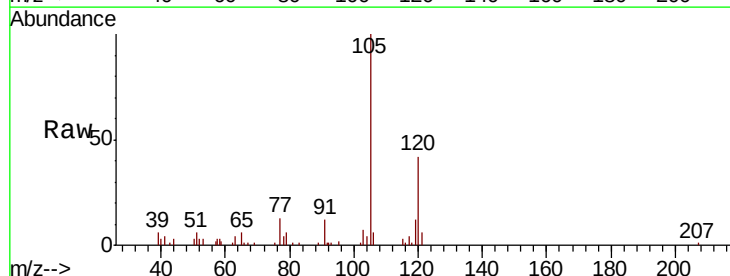
Acq: 21 Aug 2020 16:37

Tgt Ion: 105 Resp: 9311

Ion Ratio Lower Upper

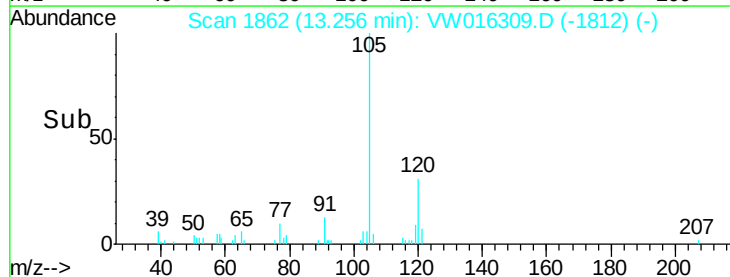
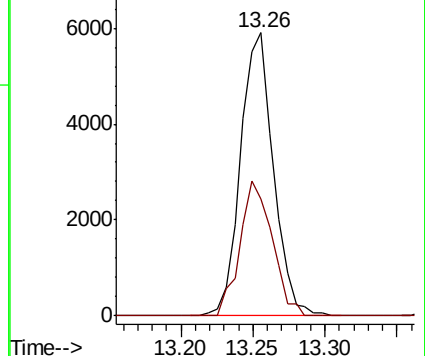
105 100

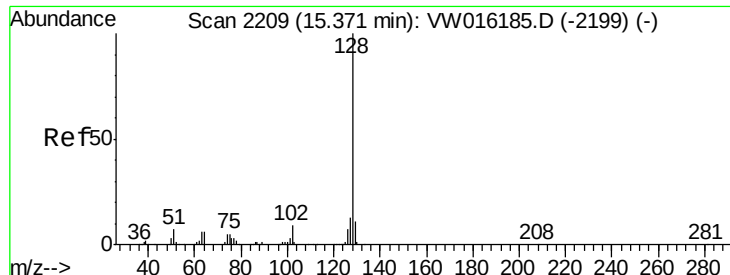
120 46.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

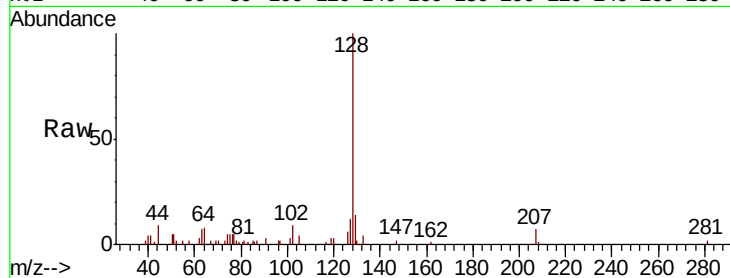
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 6.063 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tot Ion:128 Resp: 8712
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 12.7 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

