

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016302.D
 Acq On : 21 Aug 2020 13:39
 Operator : SY/VA
 Sample : L3506-06
 Misc : 7.46G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

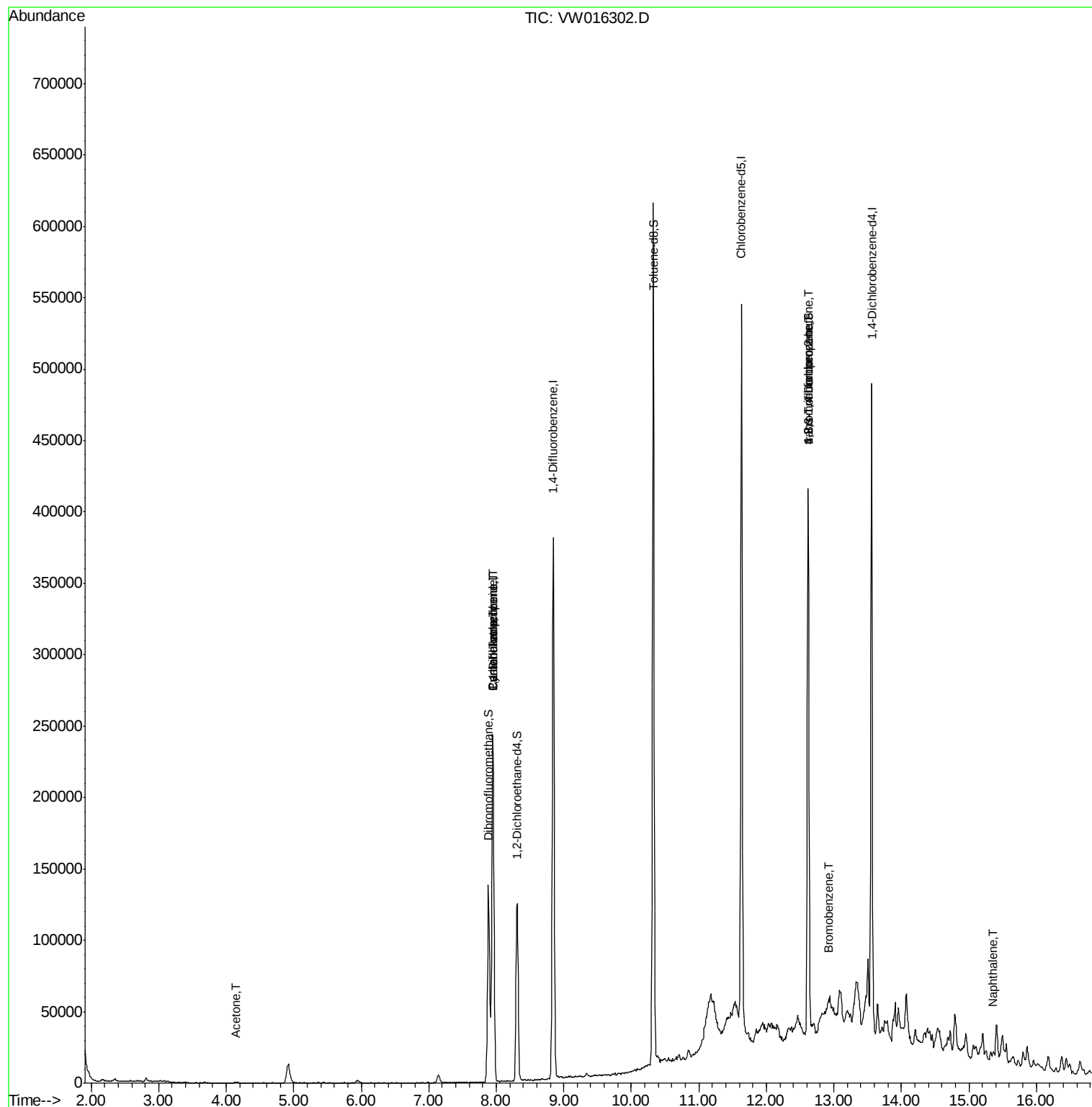
Quant Time: Aug 22 06:02:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

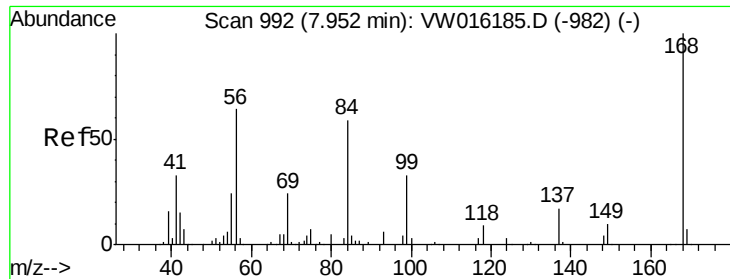
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100379	56.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.12%	
35) Dibromofluoromethane	7.88	113	102700	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.32	98	407910	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	141385	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1132	3.330	ug/l #	64
31) Cyclohexane	7.95	56	3501	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13968	4.102	ug/l #	41
38) Carbon Tetrachloride	7.95	117	19324	5.687	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	65901	60.389	ug/l #	1
77) Bromobenzene	12.93	156	19877	9.939	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	65901	144.852	ug/l #	12
95) Naphthalene	15.36	128	4857	4.610	ug/l #	94

(#) = 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: VW016302.D

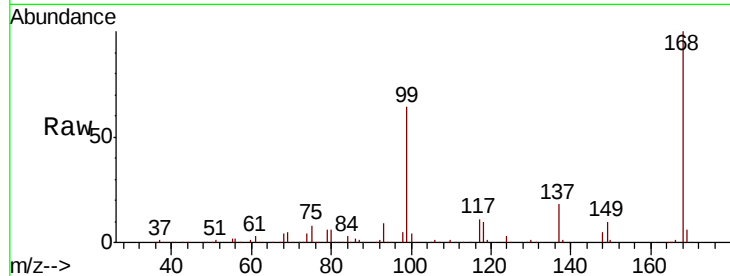
Acq: 21 Aug 2020 13:39

Tot Ion:168 Resp: 181974

Ion Ratio Lower Upper

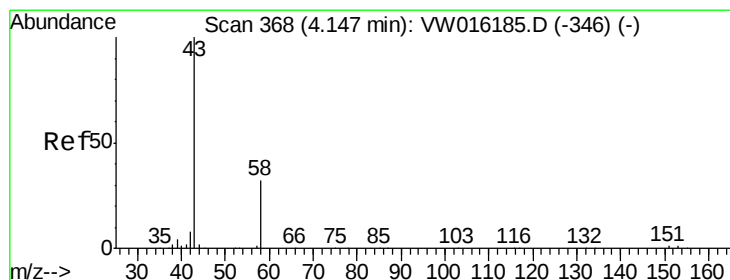
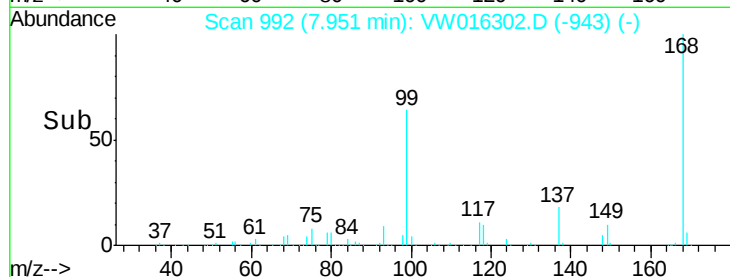
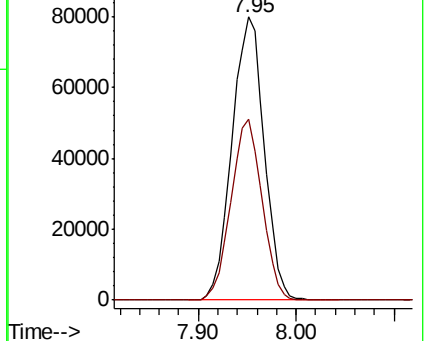
168 100

99 63.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 3.330 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016302.D

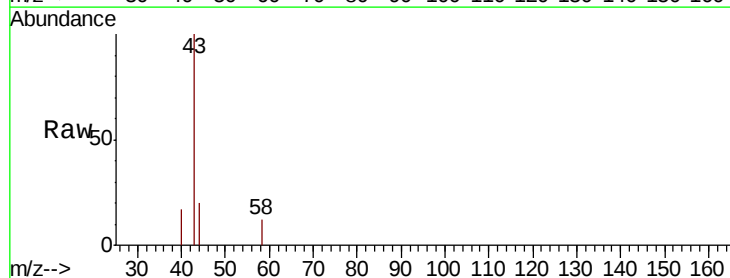
Acq: 21 Aug 2020 13:39

Tgt Ion: 43 Resp: 1132

Ion Ratio Lower Upper

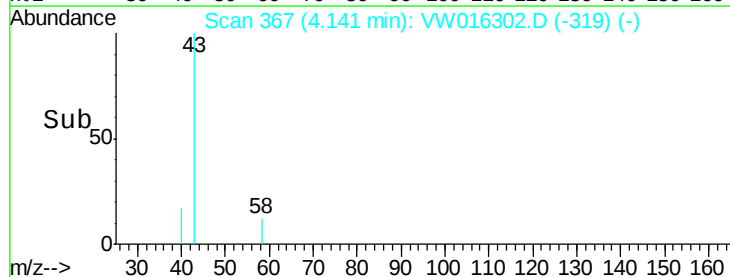
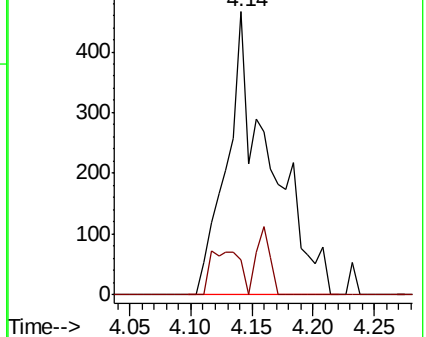
43 100

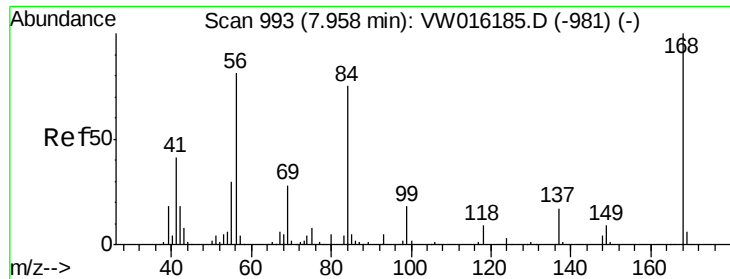
58 12.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

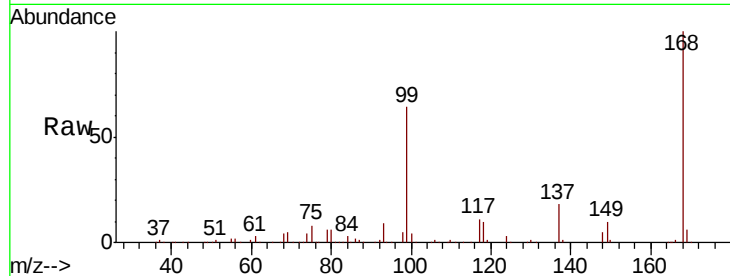
Ion 58.00 (57.70 to 58.70): VW





#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016302.D
Acq: 21 Aug 2020 13:39

Tot Ion	56	Resp	3501
Ion	Ratio	Lower	Upper
56	100		
69	211.9	27.3	40.9#
84	151.9	73.5	110.3#

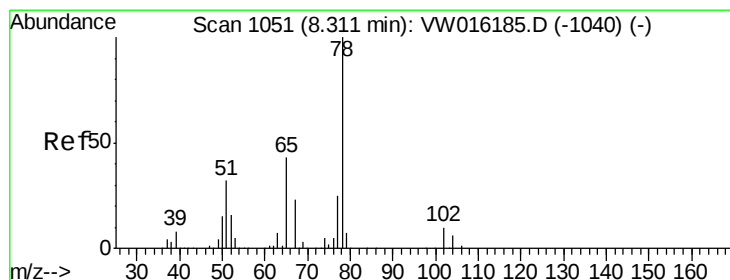
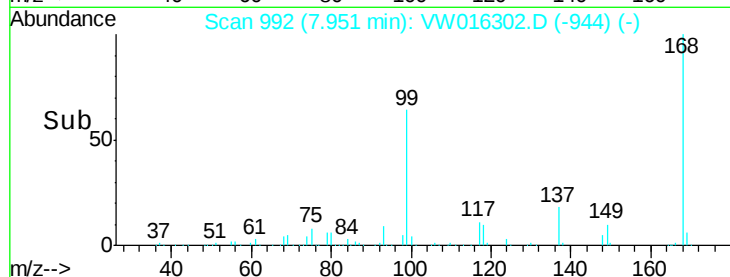
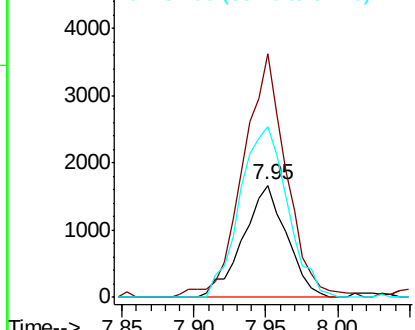


Abundance

Ion 56.00 (55.70 to 56.70): VW

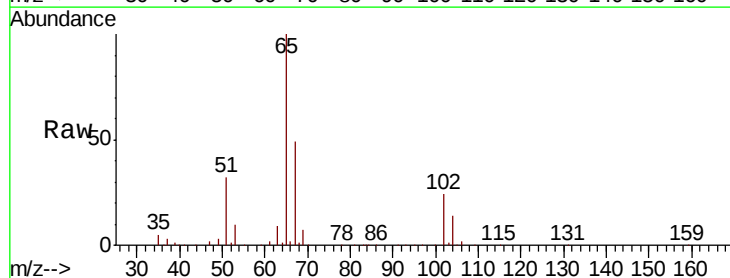
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33
1,2-Dichloroethane-d4
Concen: 56.564 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW016302.D
Acq: 21 Aug 2020 13:39

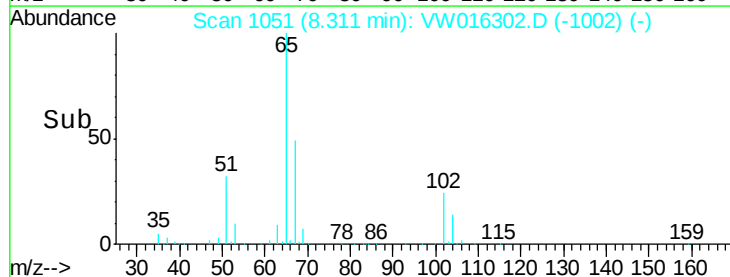
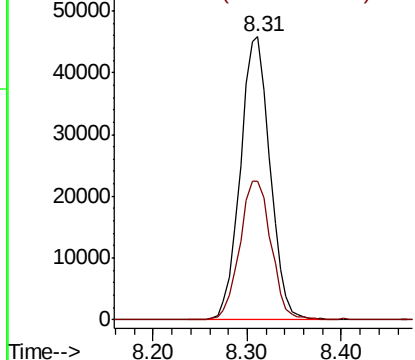
Tgt Ion	65	Resp	100379
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.6

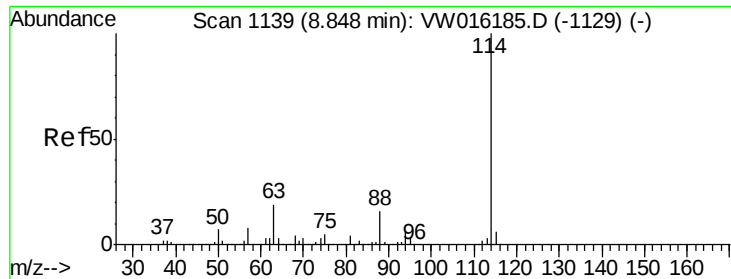


Abundance

Ion 64.90 (64.60 to 65.60): VW

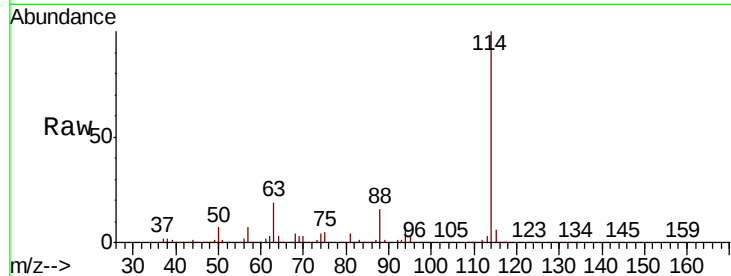
Ion 66.90 (66.60 to 67.60): VW





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016302.D
 Acq: 21 Aug 2020 13:39

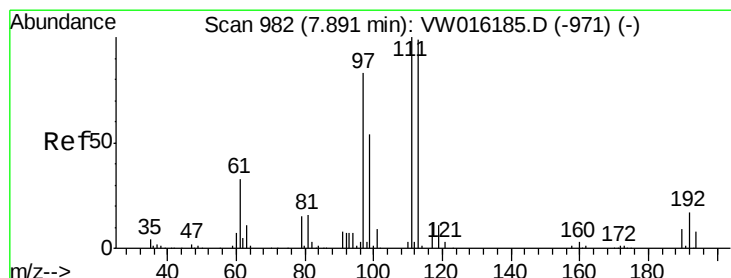
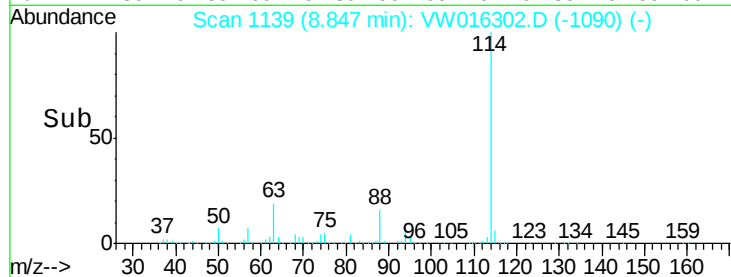
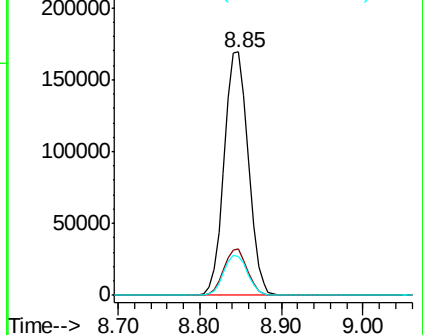
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.9	0.0	32.8



Abundance Ion 113.90 (113.60 to 114.60): V

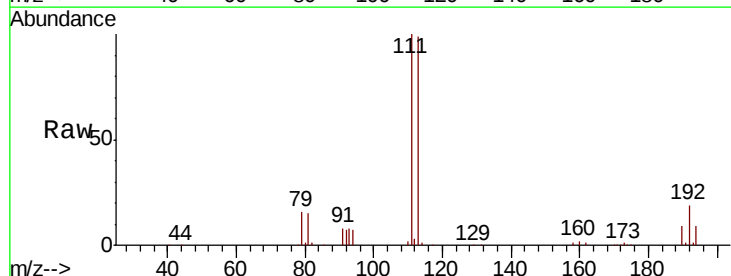
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 48.156 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016302.D
 Acq: 21 Aug 2020 13:39

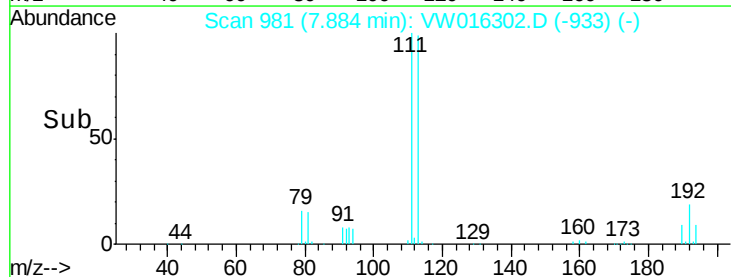
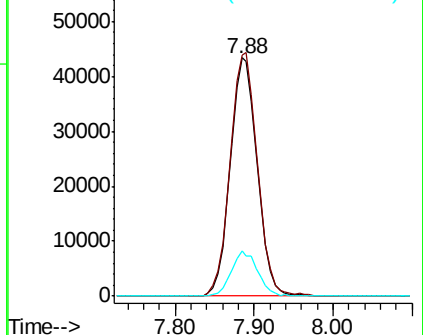
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.5	125.3
192	18.4	14.3	21.5

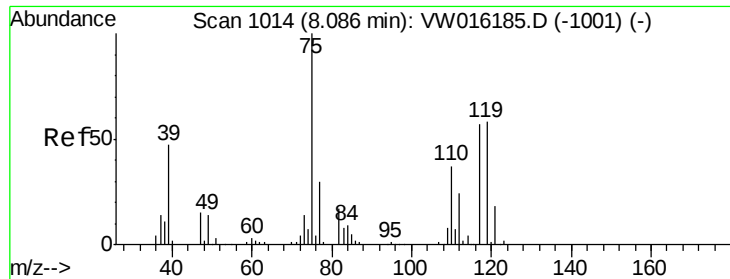


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

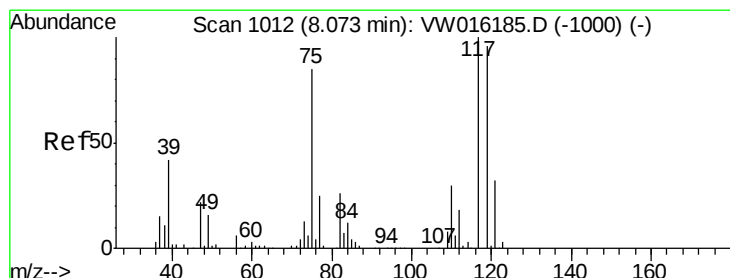
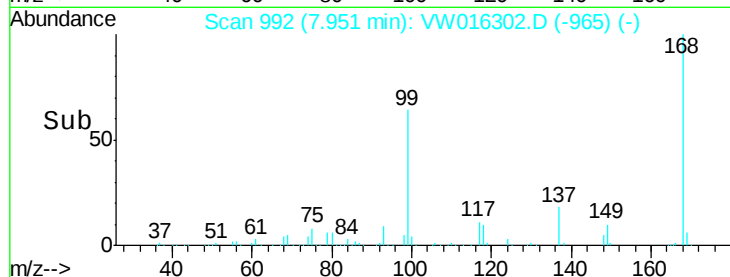
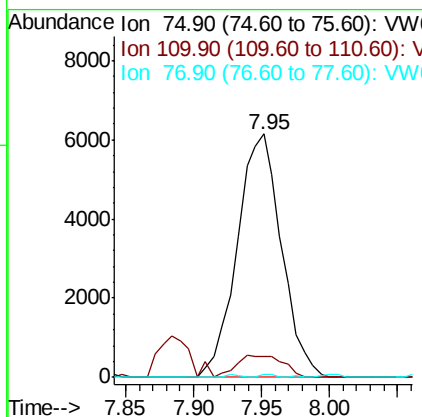
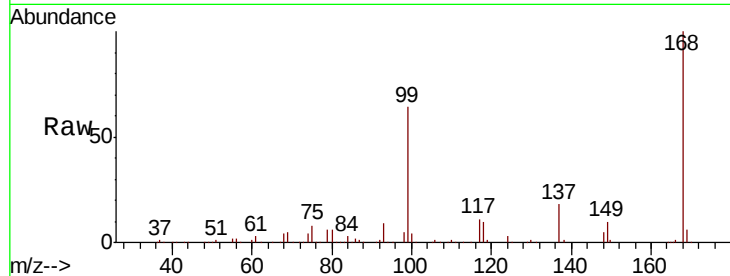
Ion 191.70 (191.40 to 192.40): V





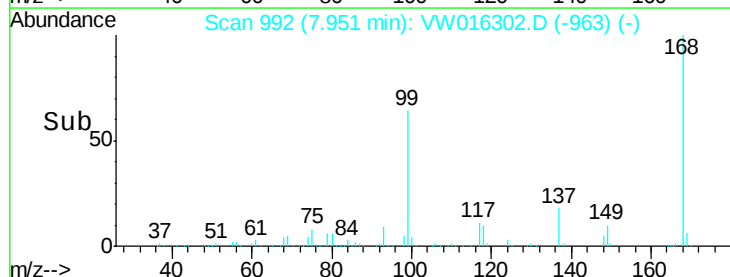
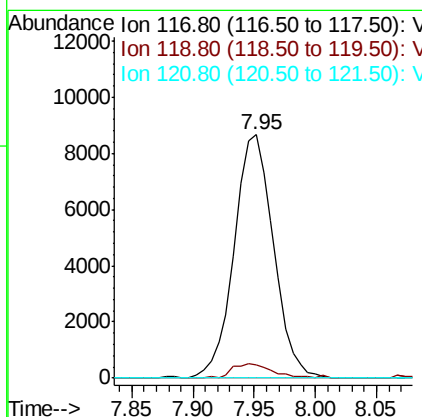
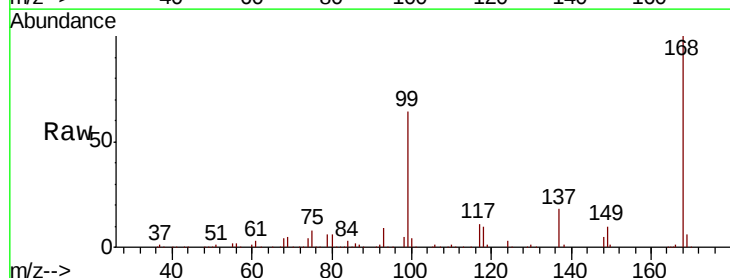
#36
 1,1-Dichloropropene
 Concen: 4.102 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016302.D
 Acq: 21 Aug 2020 13:39

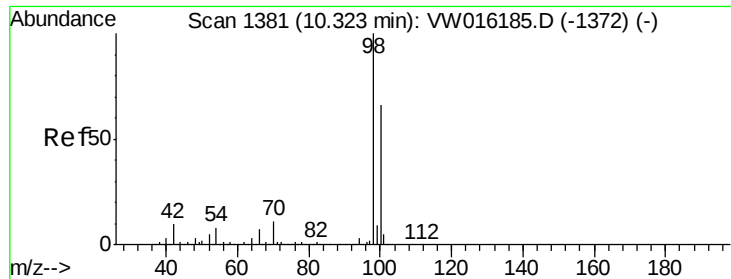
Tot Ion	75	Resp	13968
Ion Ratio	Lower	Upper	
75	100		
110	0.0	18.1	54.3#
77	0.4	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.687 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW016302.D
 Acq: 21 Aug 2020 13:39

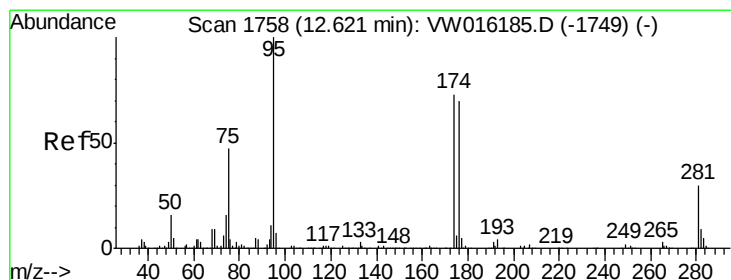
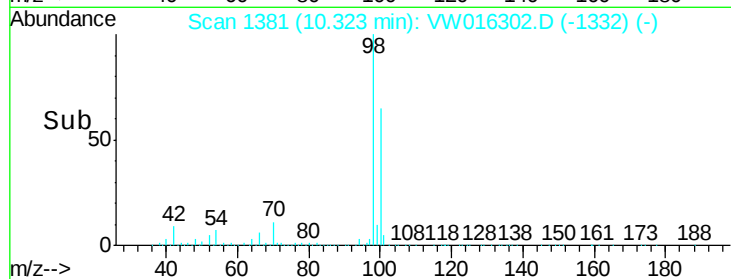
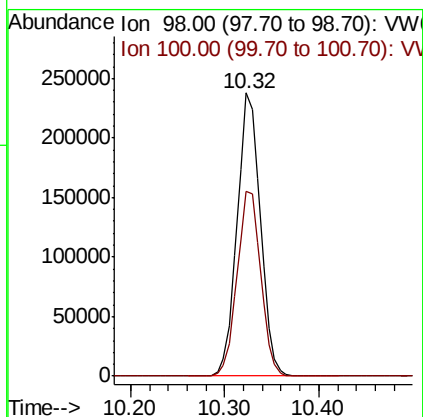
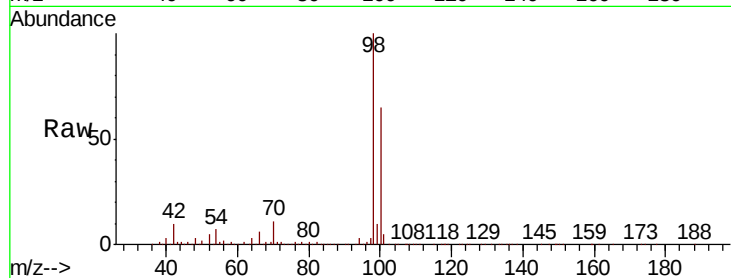
Tgt Ion	117	Resp	19324
Ion Ratio	Lower	Upper	
117	100		
119	5.2	76.6	115.0#
121	0.0	25.4	38.0#





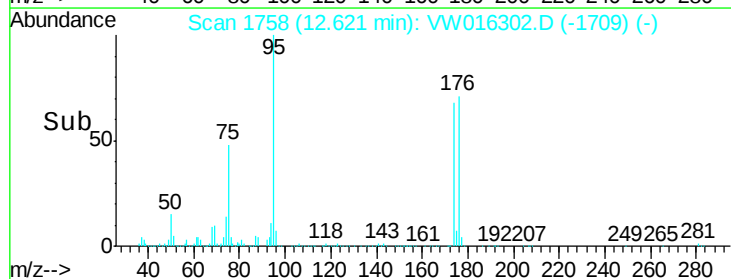
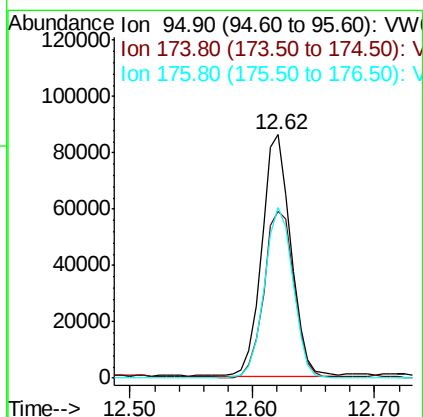
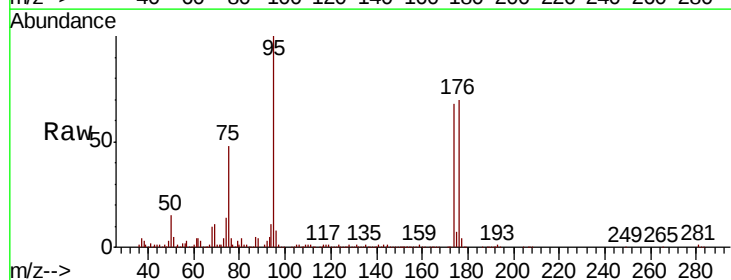
#50
Toluene-d8
Concen: 49.413 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016302.D
Acq: 21 Aug 2020 13:39

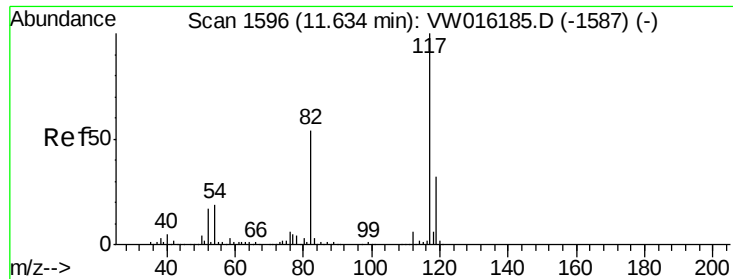
Tot Ion: 98 Resp: 407910
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016302.D
Acq: 21 Aug 2020 13:39

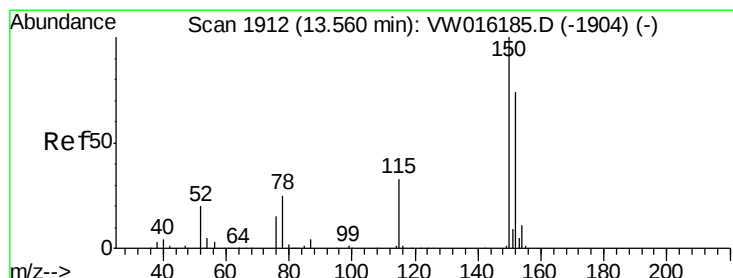
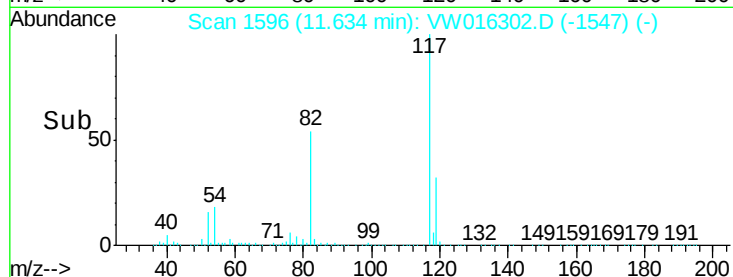
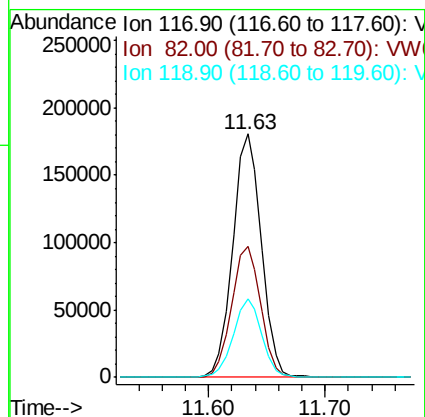
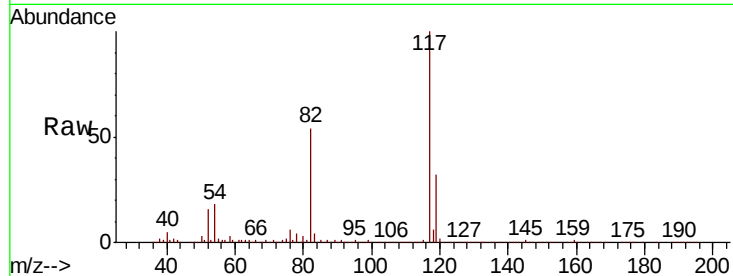
Tgt Ion: 95 Resp: 141385
Ion Ratio Lower Upper
95 100
174 71.9 0.0 145.6
176 70.1 0.0 137.8





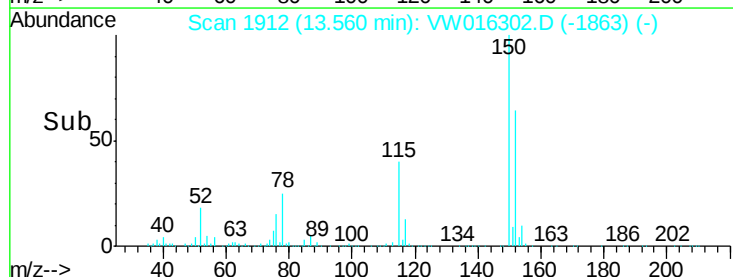
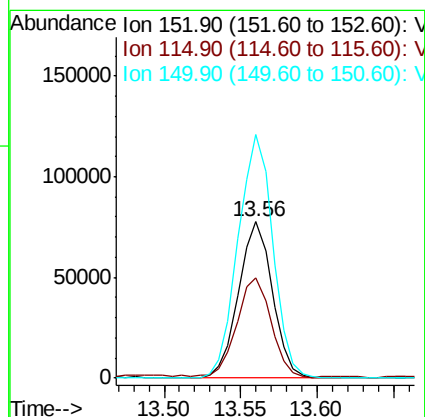
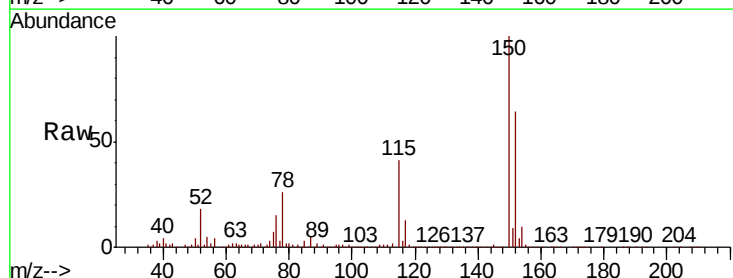
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016302.D
Acq: 21 Aug 2020 13:39

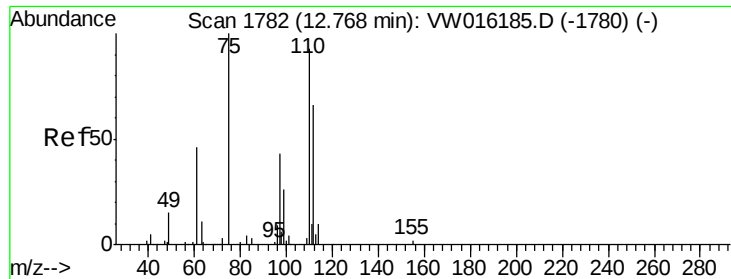
Tot Ion:117 Resp: 306012
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016302.D
Acq: 21 Aug 2020 13:39

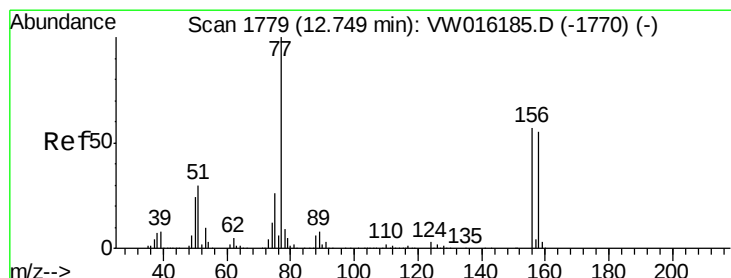
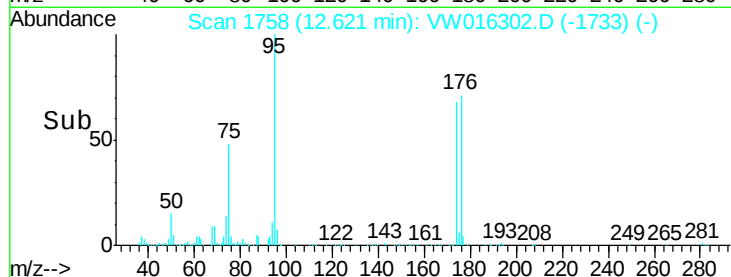
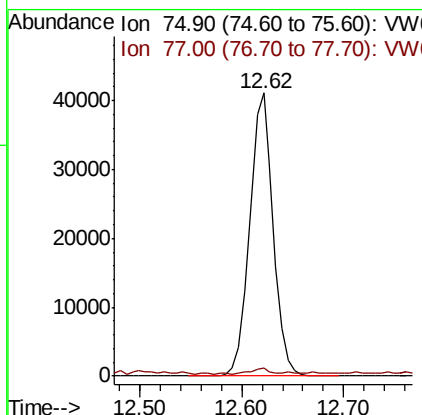
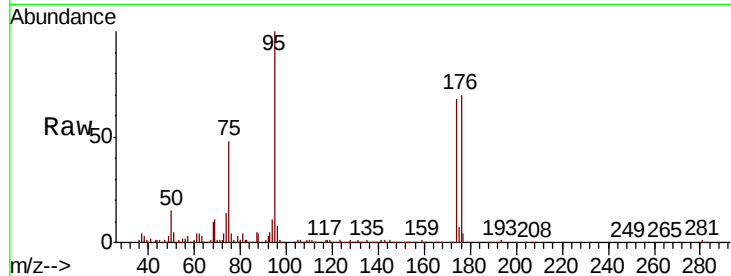
Tgt Ion:152 Resp: 118658
Ion Ratio Lower Upper
152 100
115 64.3 30.9 92.5
150 160.3 0.0 337.8





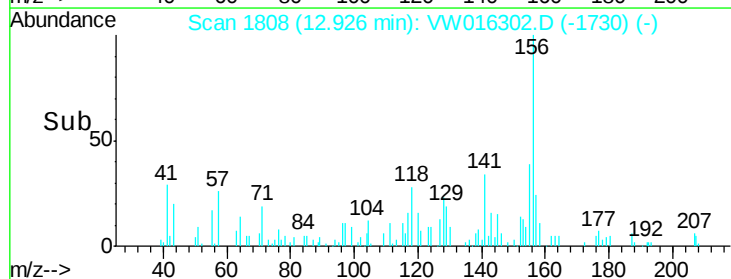
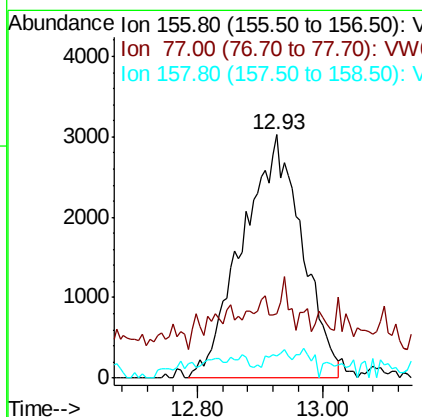
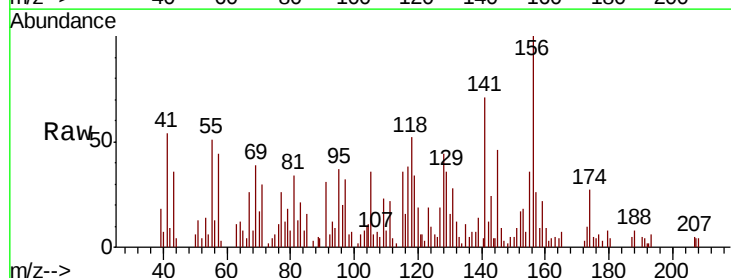
#76
 1,2,3-Trichloropropane
 Concen: 60.389 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW016302.D
 Acq: 21 Aug 2020 13:39

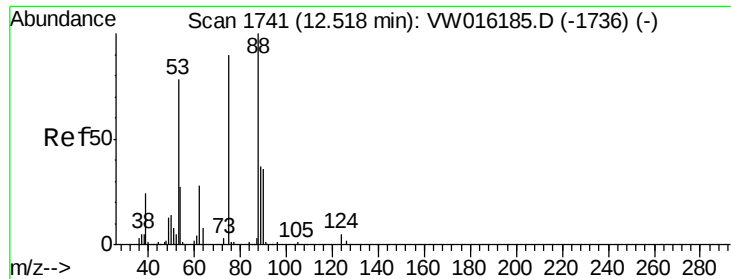
Tot Ion: 75 Resp: 65901
 Ion Ratio Lower Upper
 75 100
 77 1.8 173.6 520.6#



#77
 Bromobenzene
 Concen: 9.939 ug/l
 RT: 12.93 min Scan# 1808
 Delta R.T. 0.18 min
 Lab File: VW016302.D
 Acq: 21 Aug 2020 13:39

Tgt Ion: 156 Resp: 19877
 Ion Ratio Lower Upper
 156 100
 77 3.6 97.9 293.6#
 158 2.3 49.0 147.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 144.852 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016302.D

Acq: 21 Aug 2020 13:39

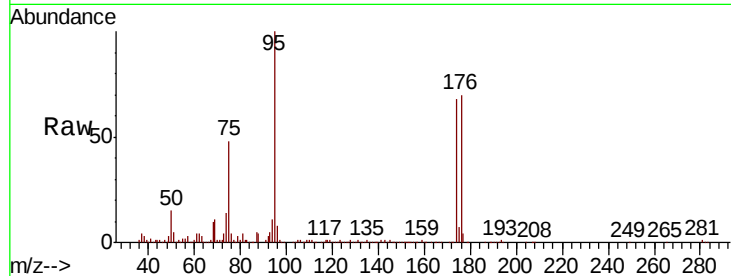
Tot Ion: 75 Resp: 65901

Ion Ratio Lower Upper

75 100

53 0.2 74.6 111.8#

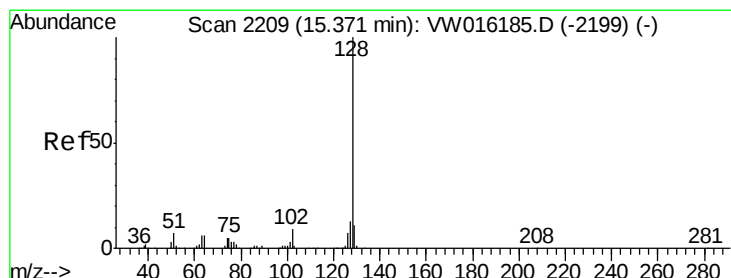
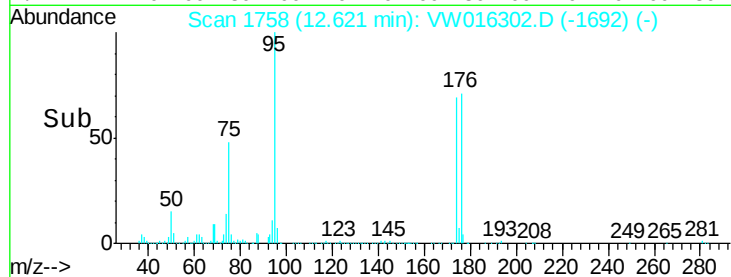
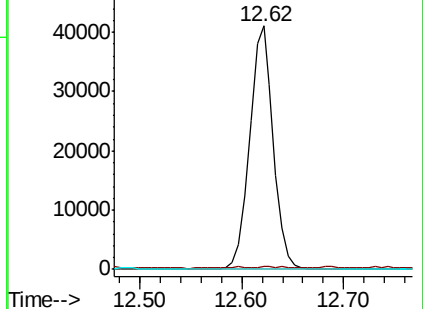
89 0.1 37.2 55.8#



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: 4.610 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016302.D

Acq: 21 Aug 2020 13:39

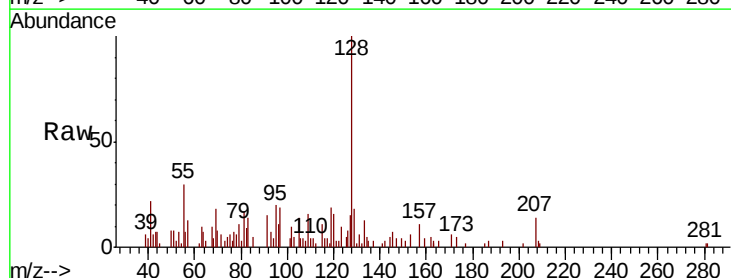
Tgt Ion:128 Resp: 4857

Ion Ratio Lower Upper

128 100

127 16.8 10.2 15.4#

129 11.8 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

