

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016317.D
 Acq On : 21 Aug 2020 20:01
 Operator : SY/VA
 Sample : L3729-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

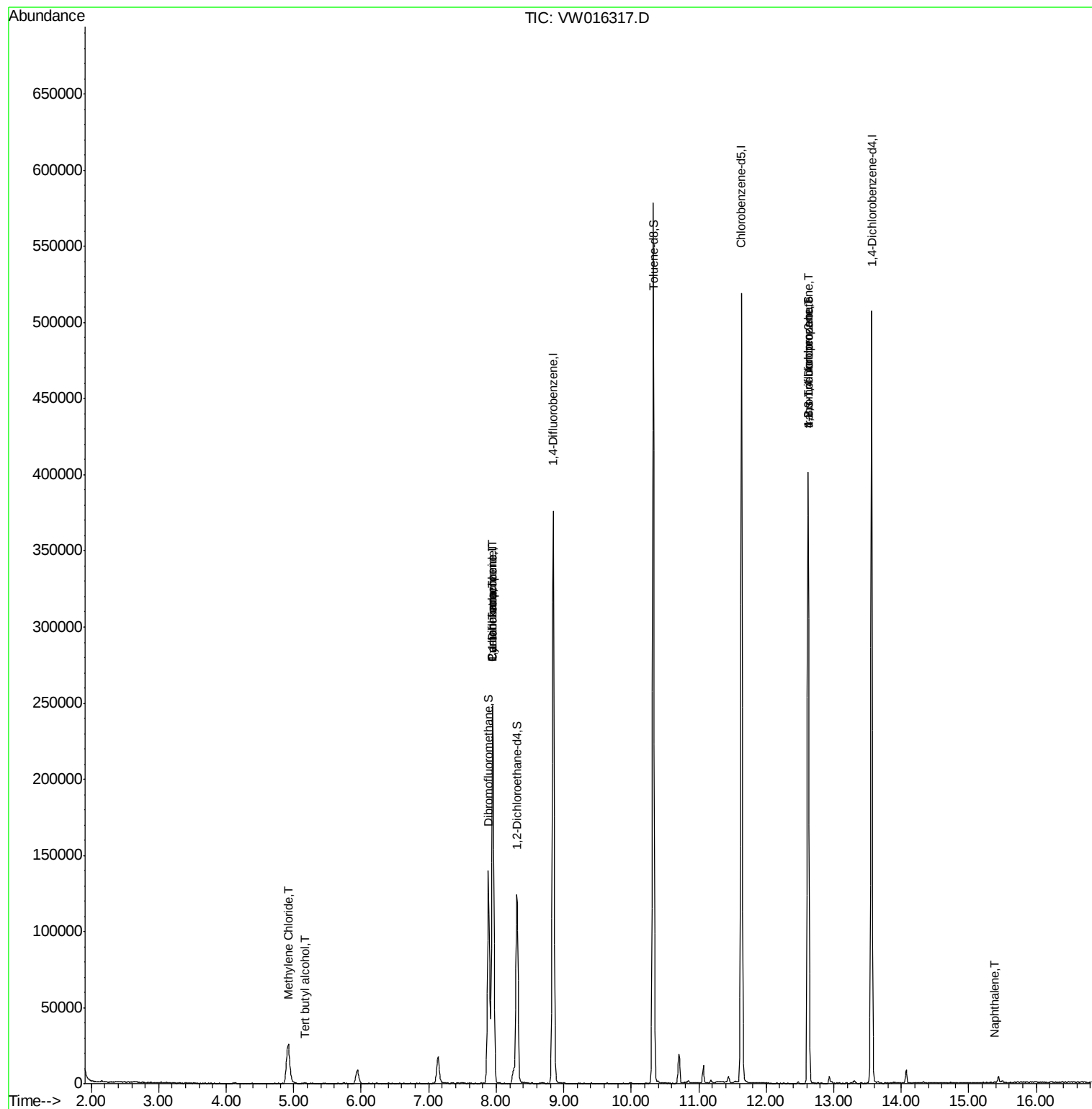
Quant Time: Aug 22 06:05:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

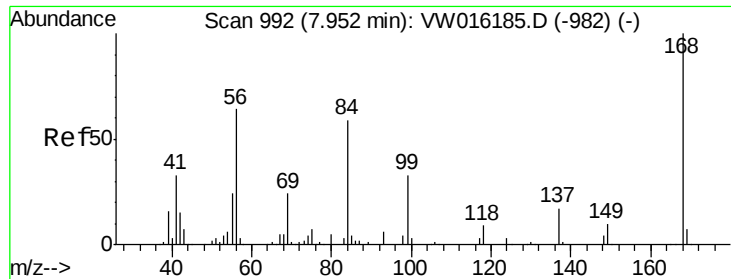
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100922	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
35) Dibromofluoromethane	7.88	113	102094	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	396762	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	139517	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	220	2.275	ug/l #	70
20) Methylene Chloride	4.92	84	23547	6.598	ug/l	95
31) Cyclohexane	7.95	56	3528	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14346	4.408	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19460	5.991	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	67505	53.842	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	67505	129.148	ug/l #	12
95) Naphthalene	15.38	128	123	3.600	ug/l #	69

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

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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: VW016317.D

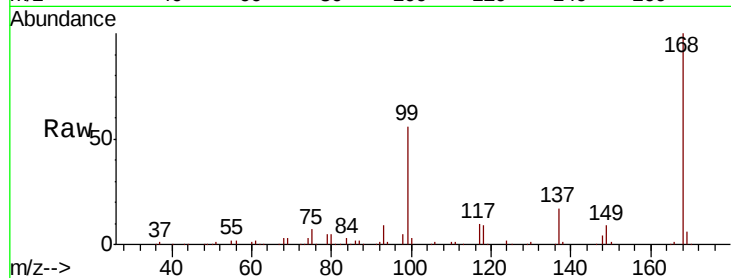
Acq: 21 Aug 2020 20:01

Tot Ion:168 Resp: 186361

Ion Ratio Lower Upper

168 100

99 56.5 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

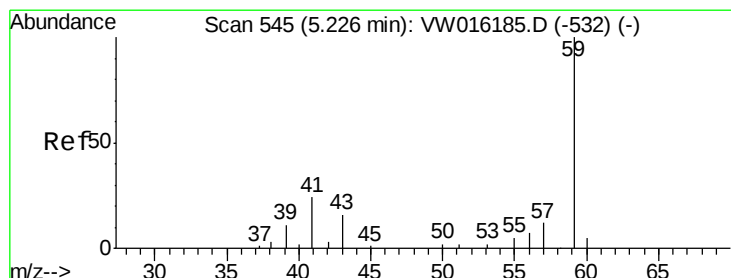
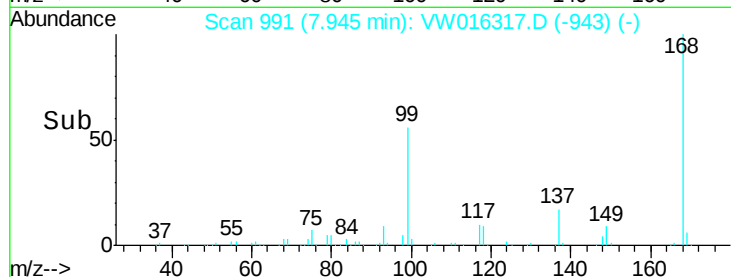
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 2.275 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.05 min

Lab File: VW016317.D

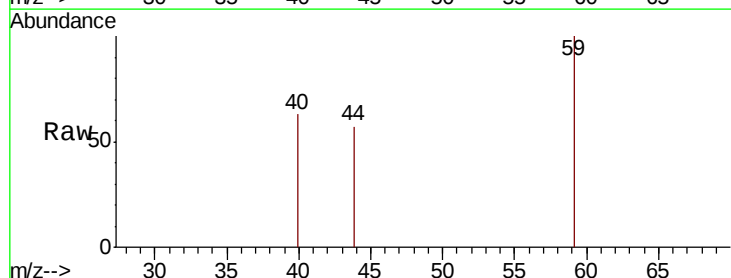
Acq: 21 Aug 2020 20:01

Tgt Ion: 59 Resp: 220

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

5.17

150

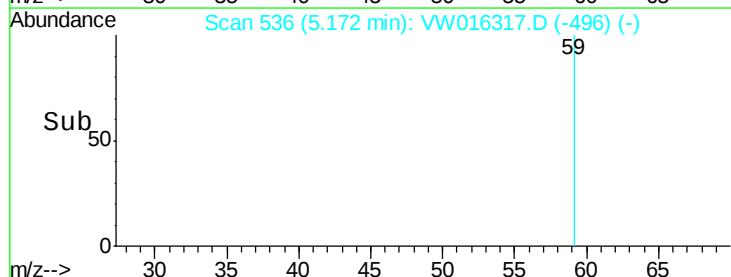
100

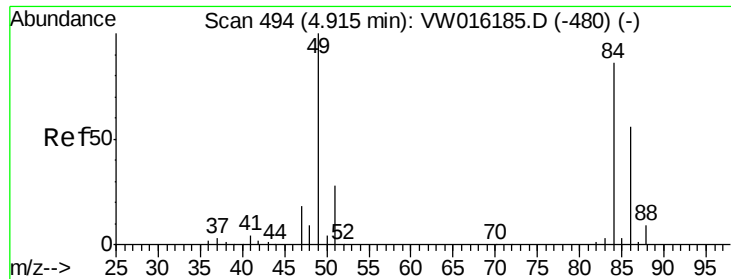
50

0

5.12 5.14 5.16 5.18 5.20

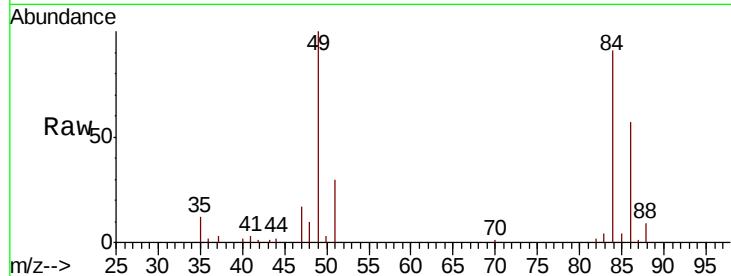
Time-->





#20
Methvlene Chloride
Concen: 6.598 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016317.D
Acq: 21 Aug 2020 20:01

Tot Ion:	84	Resp:	23547
Ion	Ratio	Lower	Upper
84	100		
49	109.3	93.4	140.2
51	33.3	26.6	40.0
86	62.1	52.2	78.2



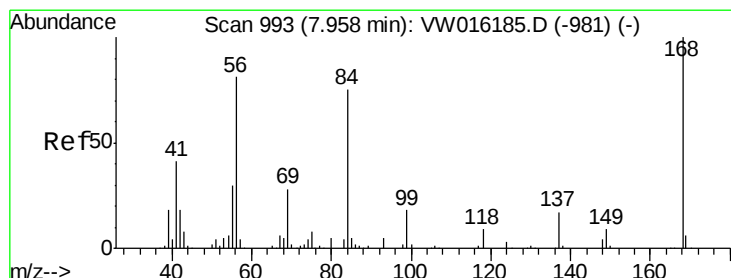
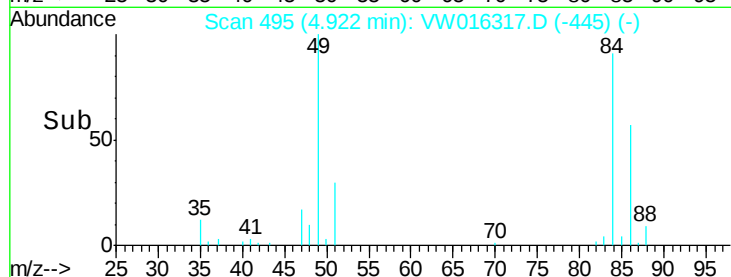
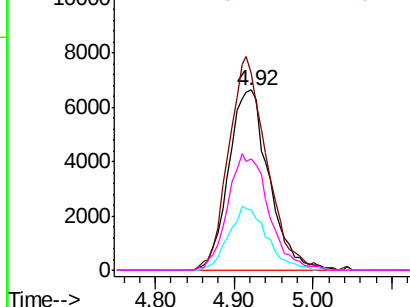
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

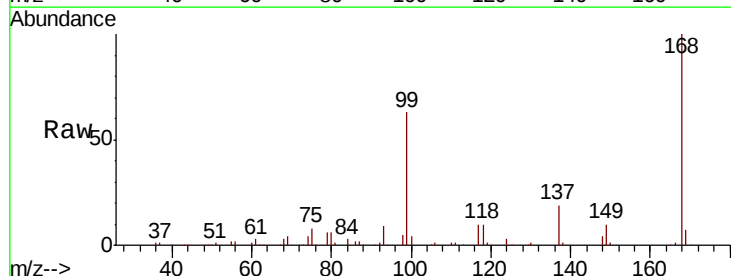
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016317.D
Acq: 21 Aug 2020 20:01

Tgt Ion:	56	Resp:	3528
Ion	Ratio	Lower	Upper
56	100		
69	231.4	27.3	40.9#
84	167.3	73.5	110.3#

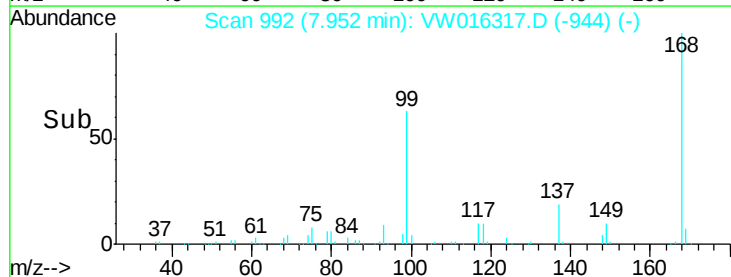
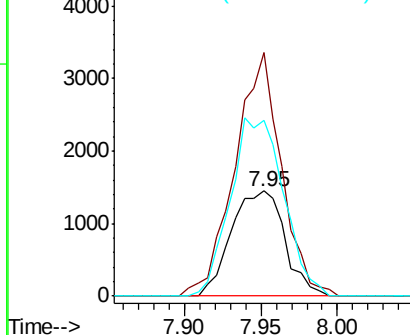


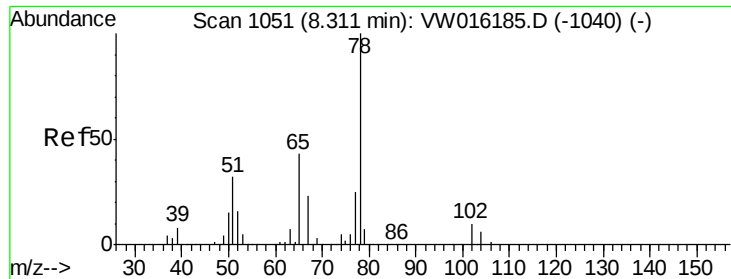
Abundance

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: 55.531 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016317.D

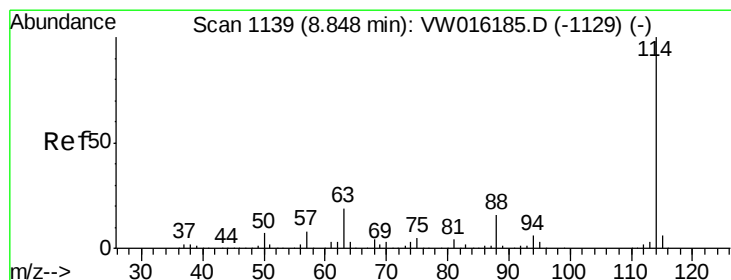
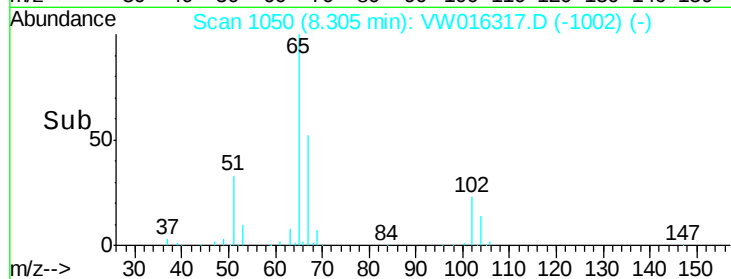
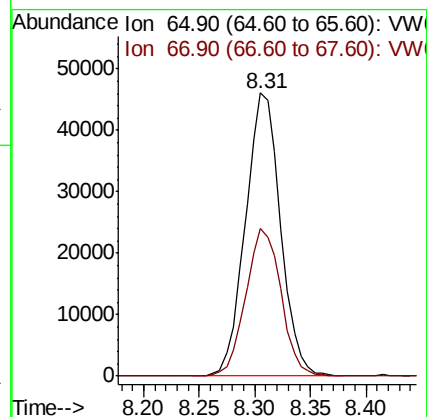
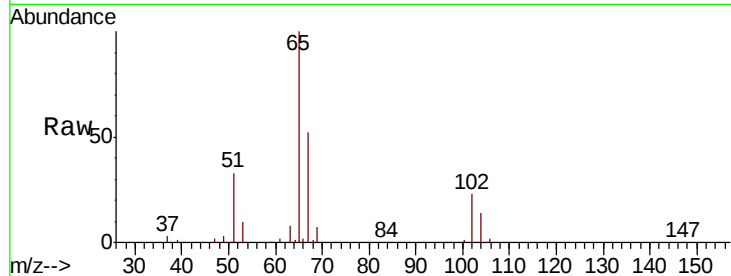
Acq: 21 Aug 2020 20:01

Tot Ion: 65 Resp: 100922

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: VW016317.D

Acq: 21 Aug 2020 20:01

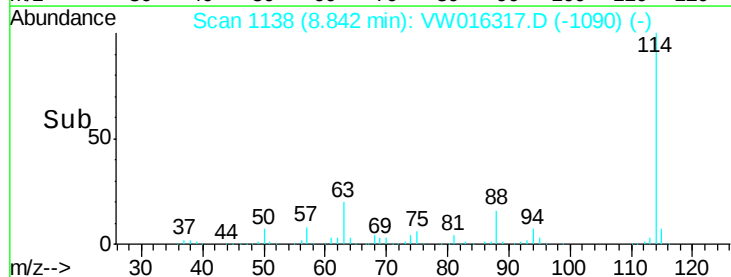
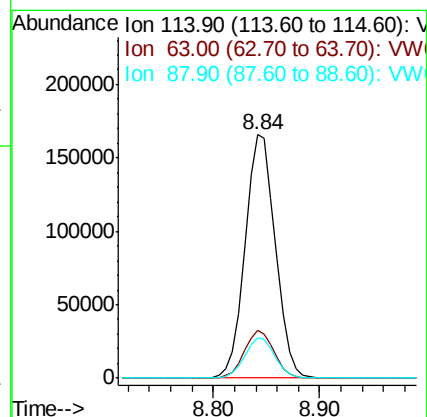
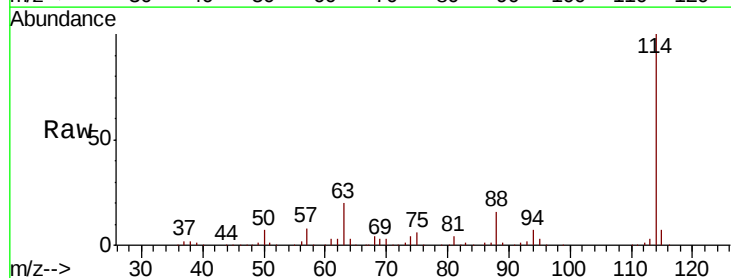
Tgt Ion: 114 Resp: 330398

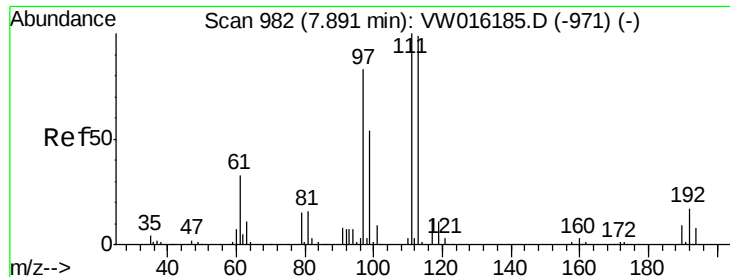
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

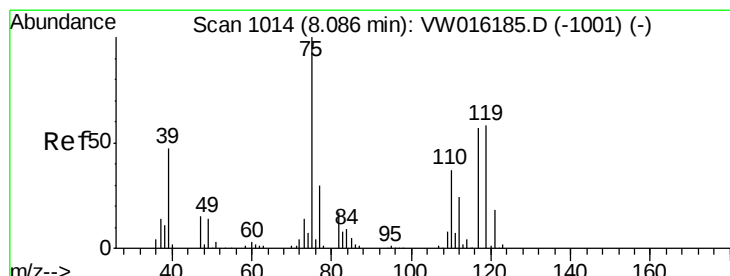
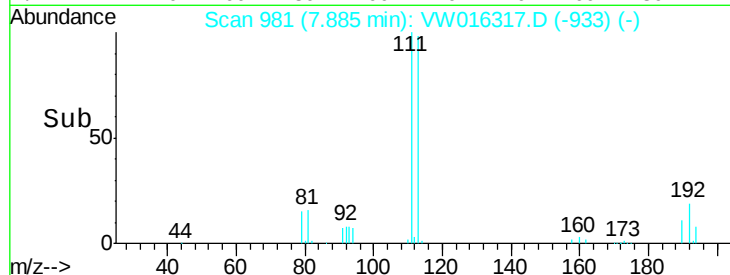
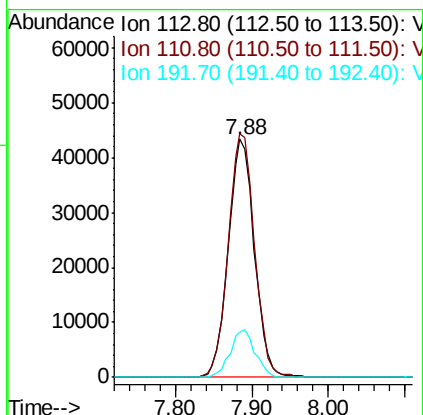
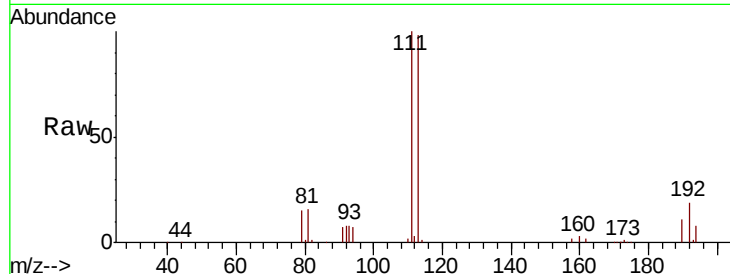
88 16.3 0.0 32.8





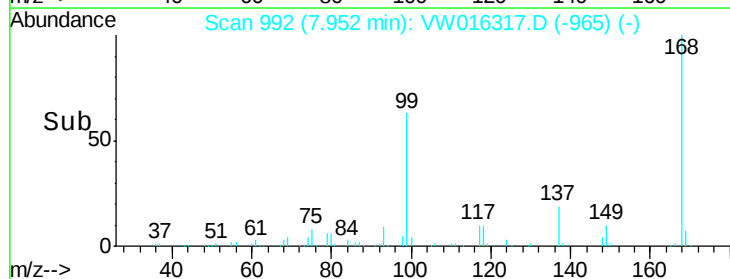
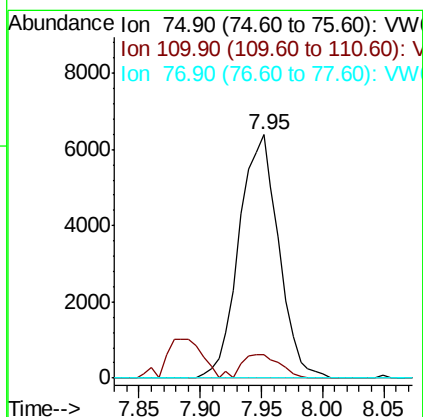
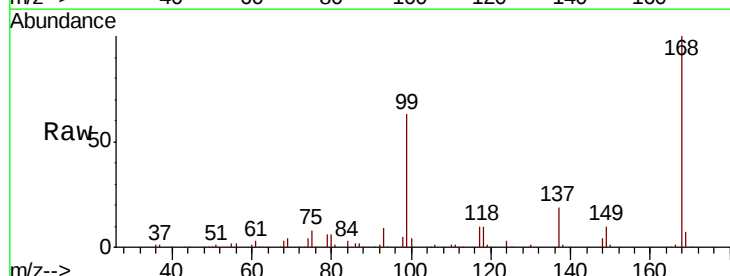
#35
 Dibromofluoromethane
 Concen: 50.081 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016317.D
 Acq: 21 Aug 2020 20:01

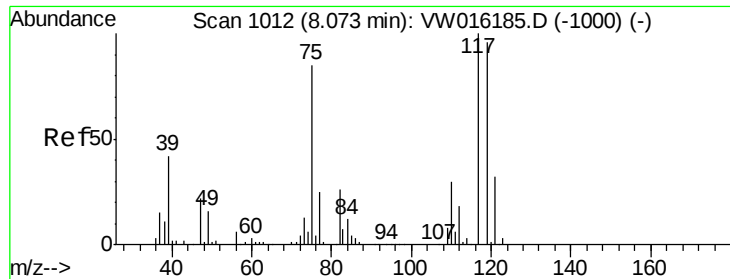
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.5	125.3
192	19.2	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.408 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW016317.D
 Acq: 21 Aug 2020 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.991 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW016317.D

Acq: 21 Aug 2020 20:01

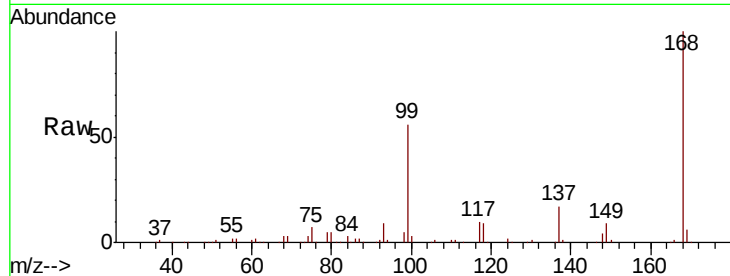
Tot Ion:117 Resp: 19460

Ion Ratio Lower Upper

117 100

119 4.1 76.6 115.0#

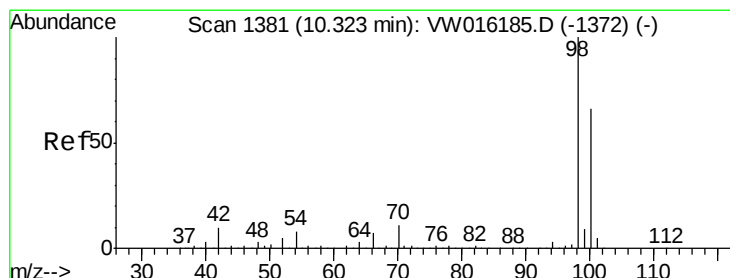
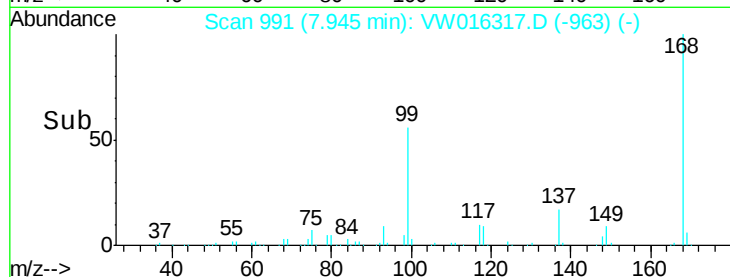
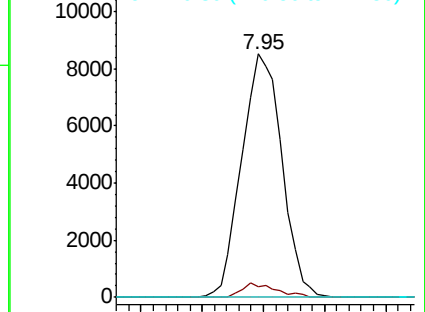
121 0.0 25.4 38.0#



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: 50.280 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016317.D

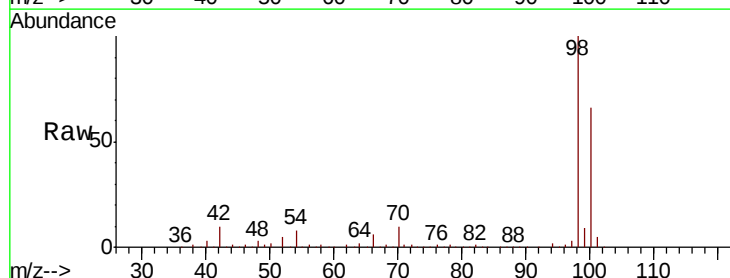
Acq: 21 Aug 2020 20:01

Tgt Ion: 98 Resp: 396762

Ion Ratio Lower Upper

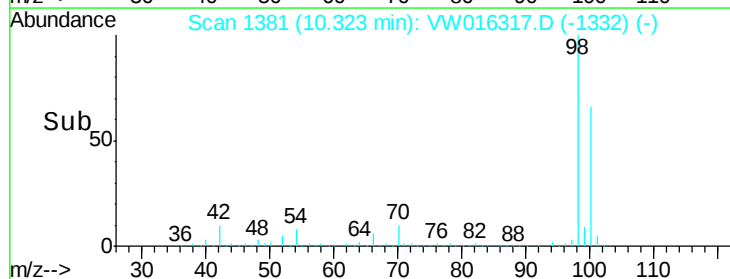
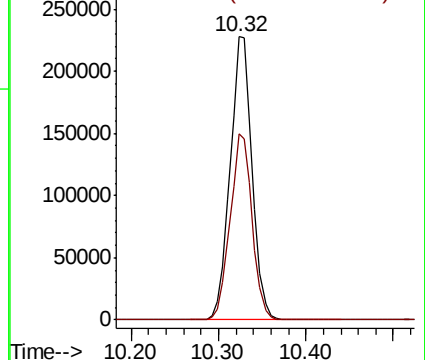
98 100

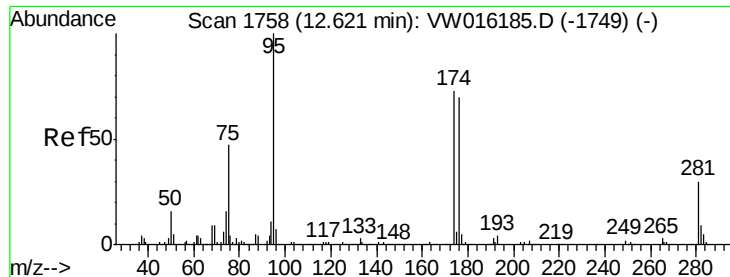
100 65.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

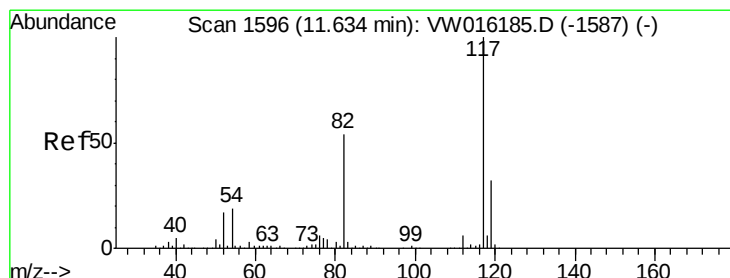
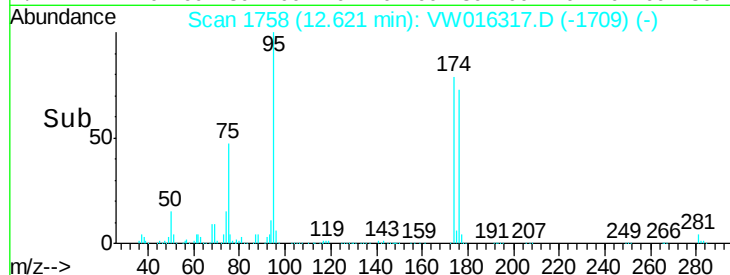
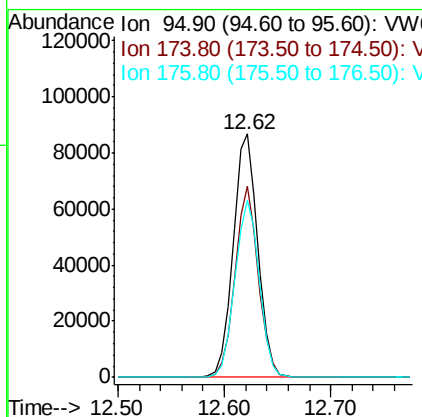
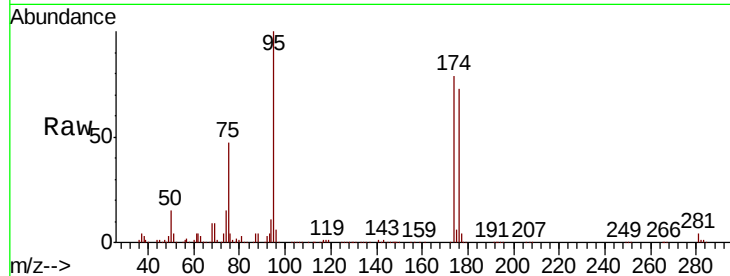
Ion 100.00 (99.70 to 100.70): VW





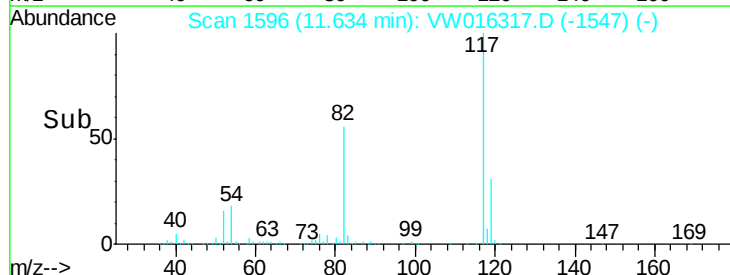
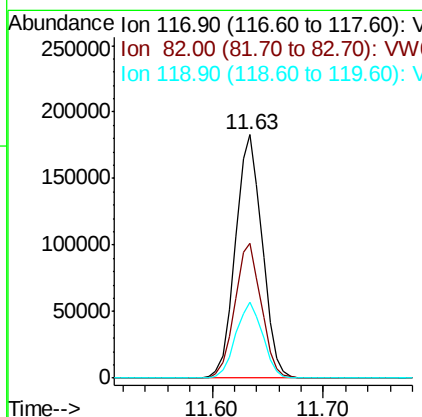
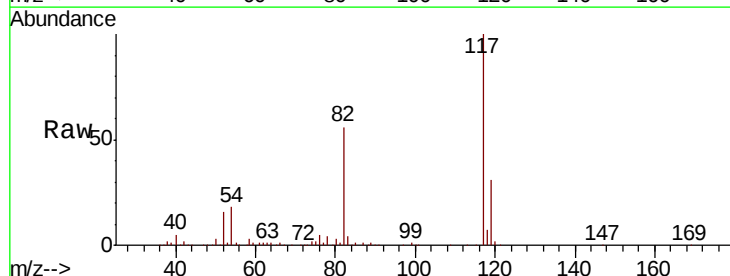
#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016317.D
Acq: 21 Aug 2020 20:01

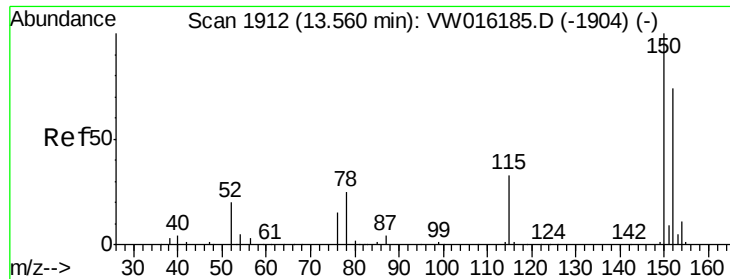
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	145.6
176	72.5	0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016317.D
Acq: 21 Aug 2020 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.6	65.4
119	31.1	25.4	38.0

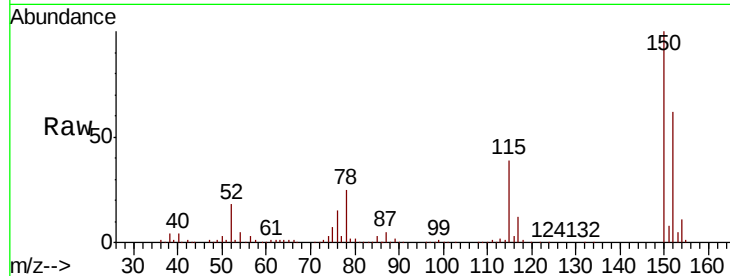




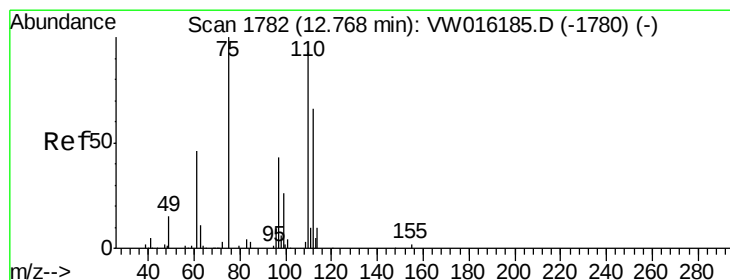
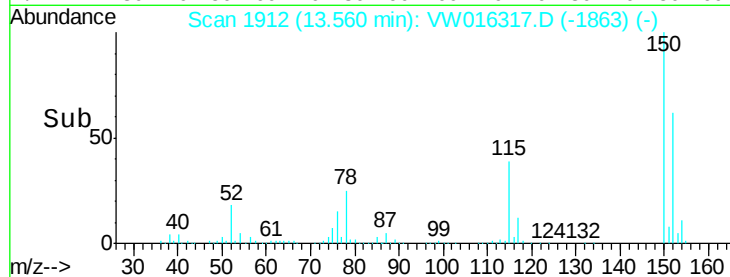
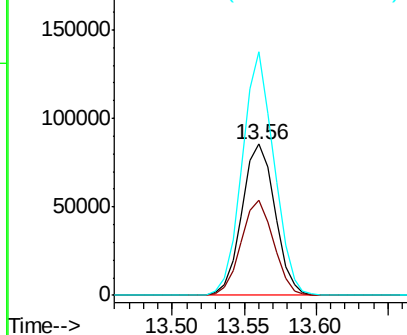
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016317.D
Acq: 21 Aug 2020 20:01

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.9	92.5
150	154.4	0.0	337.8



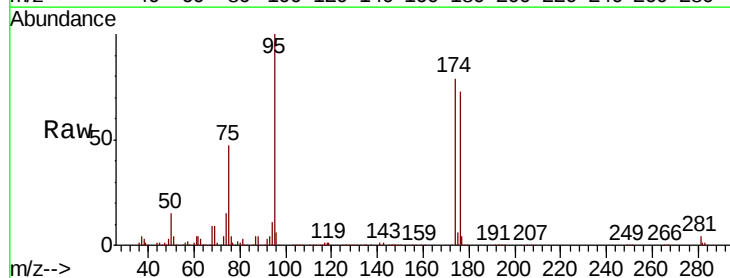
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



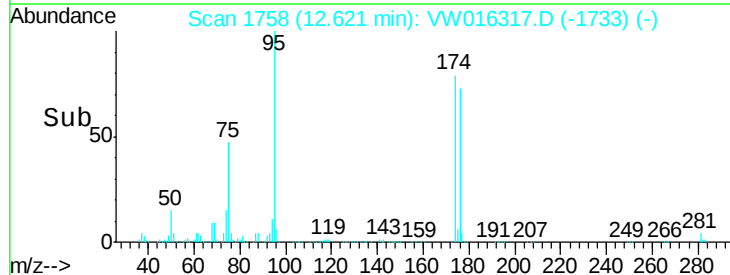
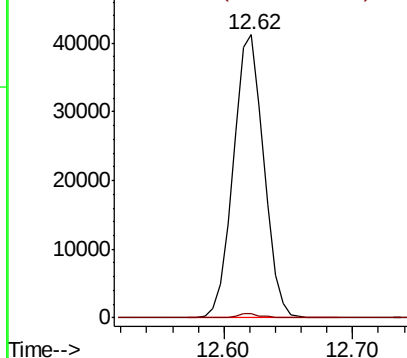
#76

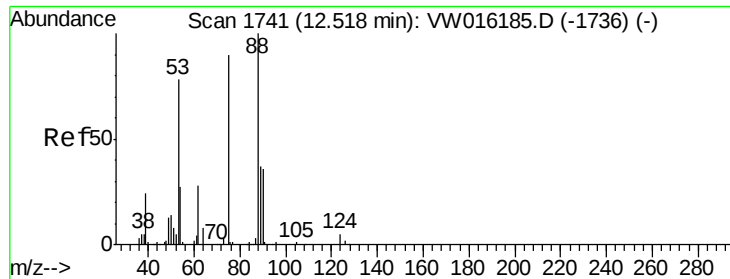
1,2,3-Trichloropropane
Concen: 53.842 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW016317.D
Acq: 21 Aug 2020 20:01

Tgt 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: 129.148 ug/l

RT: 12.62 min Scan# 1758

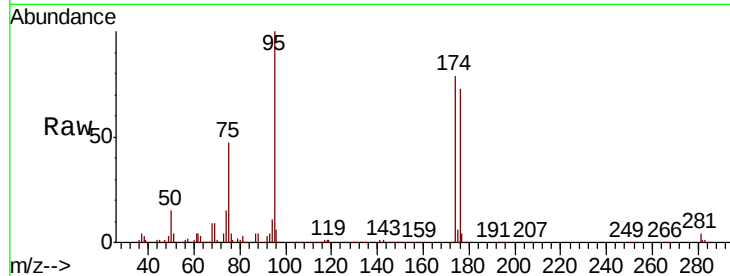
Delta R.T. 0.10 min

Lab File: VW016317.D

Acq: 21 Aug 2020 20:01

Tot Ion: 75 Resp: 67505

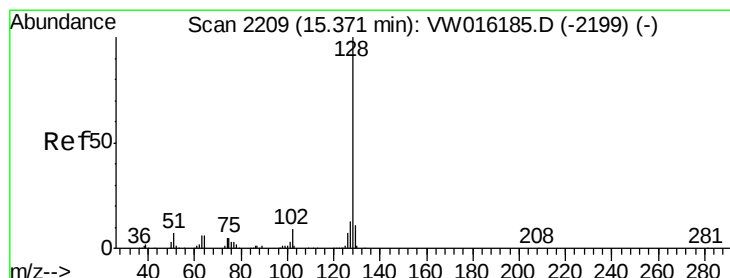
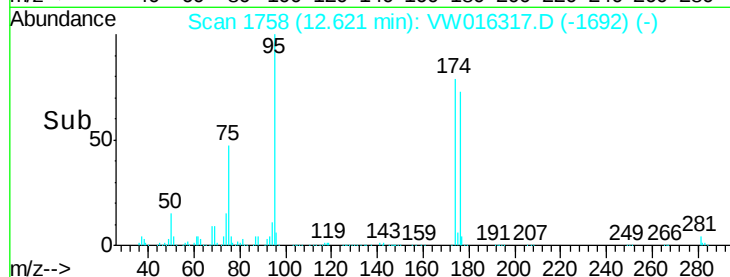
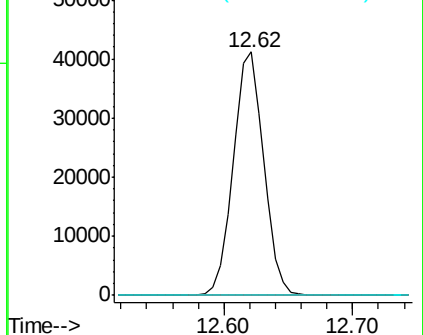
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.6	111.8#
89	0.0	37.2	55.8#



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: 3.600 ug/l

RT: 15.38 min Scan# 2210

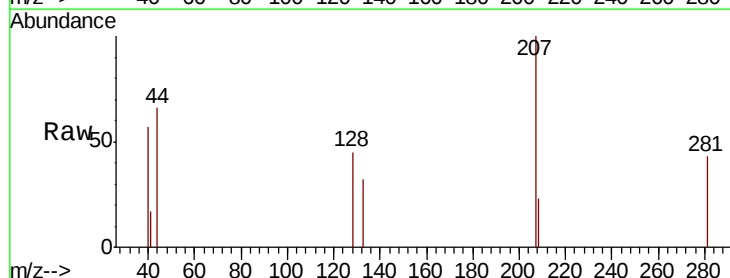
Delta R.T. 0.01 min

Lab File: VW016317.D

Acq: 21 Aug 2020 20:01

Tgt Ion: 128 Resp: 123

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	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

