

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016313.D
 Acq On : 21 Aug 2020 18:19
 Operator : SY/VA
 Sample : L3729-03
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 22 06:04:51 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	191878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137346	50.00	ug/l	0.00

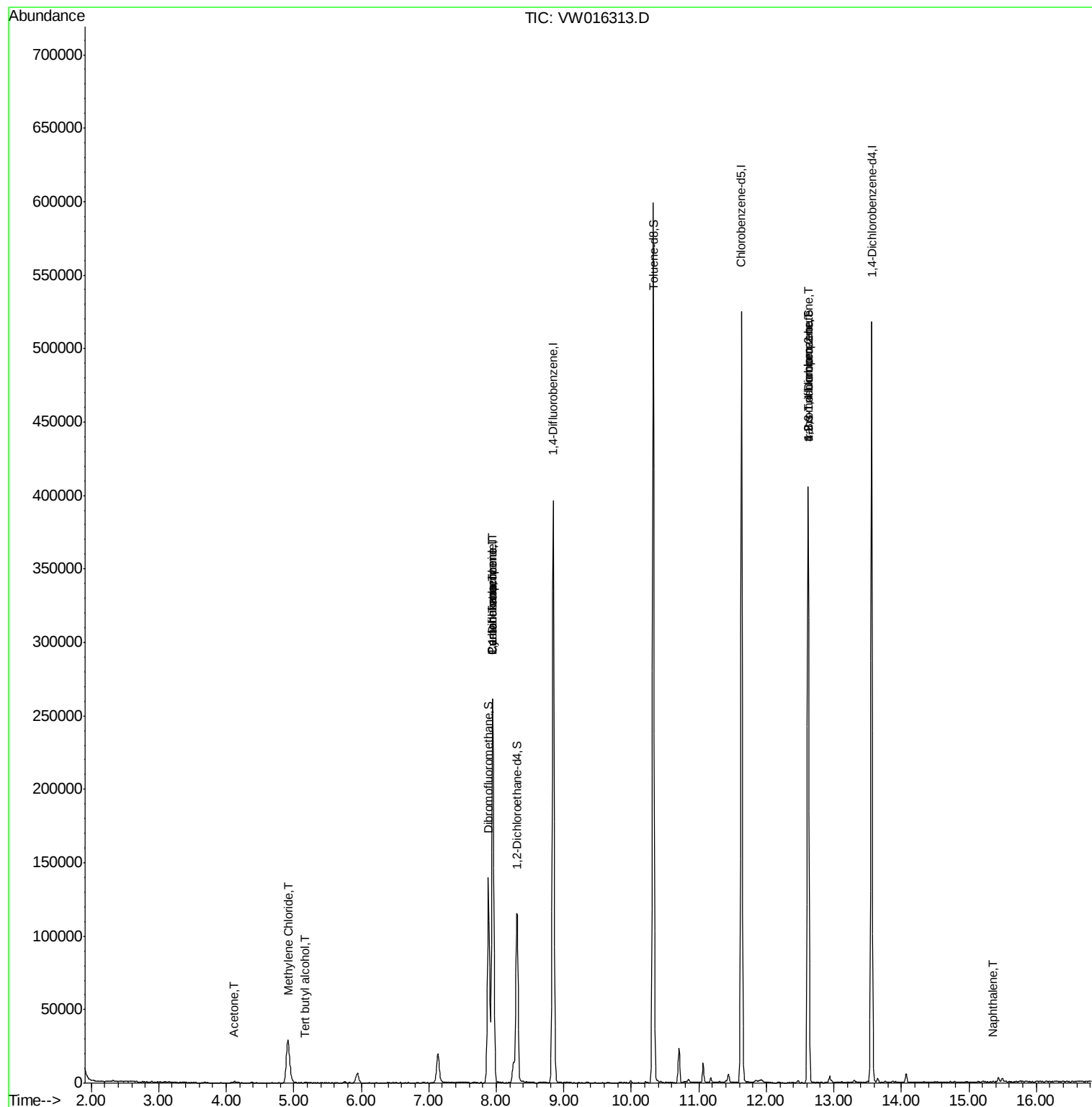
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	94750	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
35) Dibromofluoromethane	7.88	113	102716	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	10.32	98	414373	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	12.62	95	143051	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

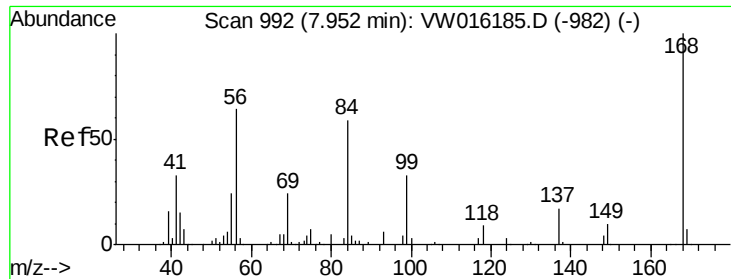
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	115	1.155	ug/l #	70
16) Acetone	4.12	43	1936	5.401	ug/l	100
20) Methylene Chloride	4.92	84	27869	8.405	ug/l	92
31) Cyclohexane	7.95	56	3964	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14666	4.265	ug/l #	49
38) Carbon Tetrachloride	7.95	117	19613	5.715	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	67651	53.558	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	67651	128.466	ug/l #	12
95) Naphthalene	15.36	128	533	3.675	ug/l #	69

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082220\
Data File : VW016313.D
Acq On : 21 Aug 2020 18:19
Operator : SY/VA
Sample : L3729-03
Misc : 4.71G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 22 06:04:51 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: VW016313.D

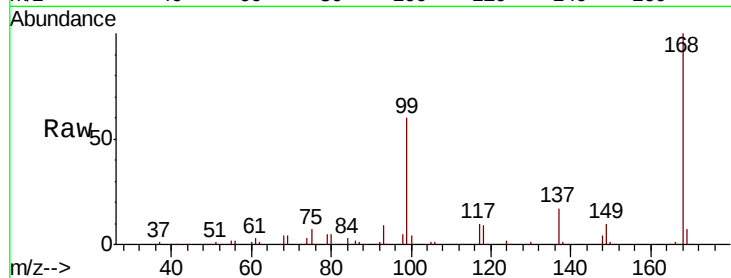
Acq: 21 Aug 2020 18:19

Tot Ion:168 Resp: 191878

Ion Ratio Lower Upper

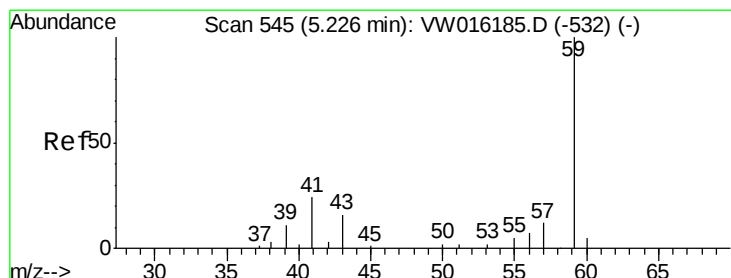
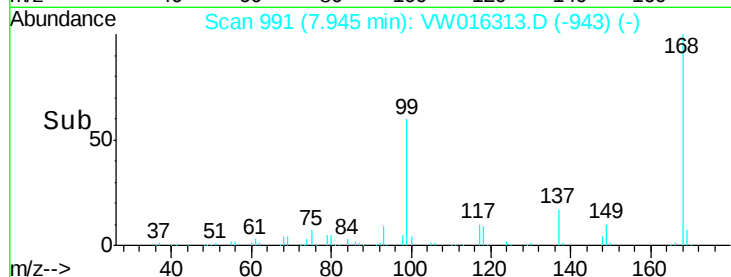
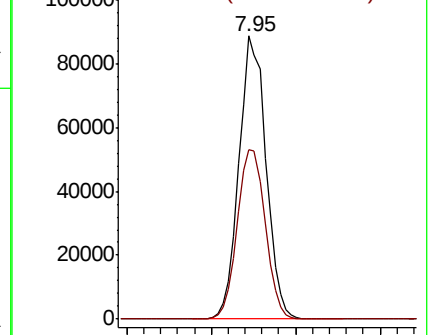
168 100

99 59.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.155 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.05 min

Lab File: VW016313.D

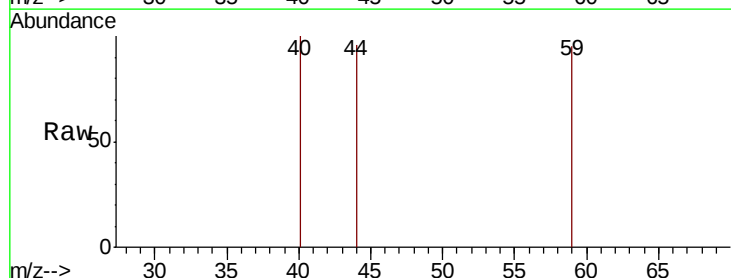
Acq: 21 Aug 2020 18:19

Tgt Ion: 59 Resp: 115

Ion Ratio Lower Upper

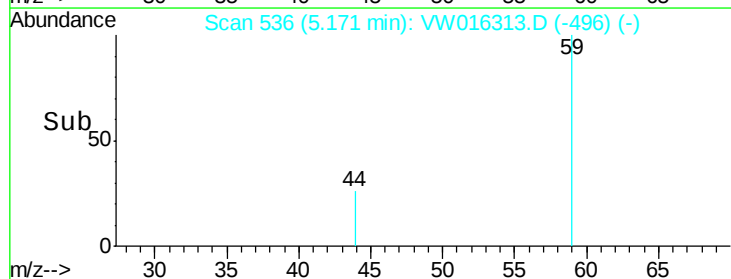
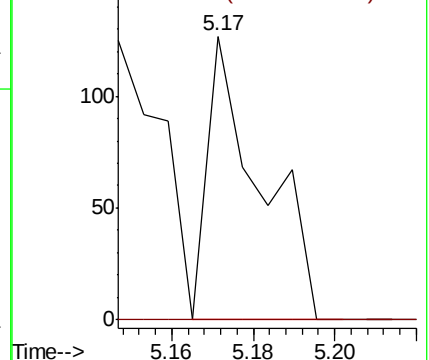
59 100

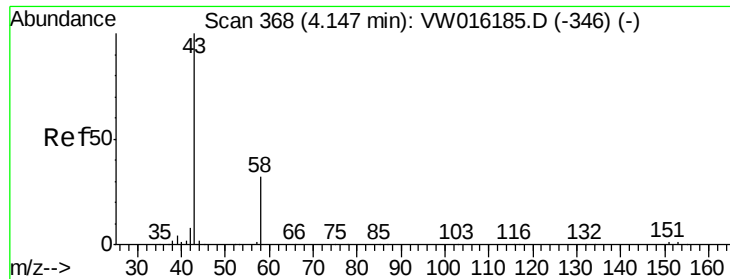
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.401 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016313.D

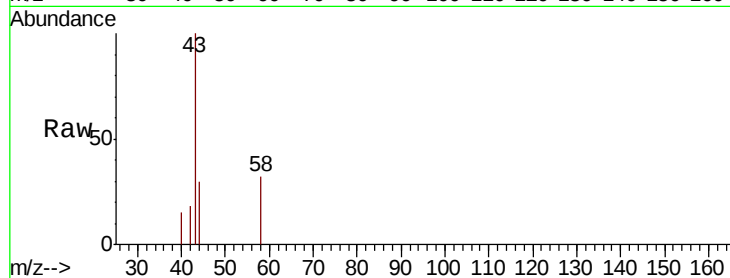
Acq: 21 Aug 2020 18:19

Tot Ion: 43 Resp: 1936

Ion Ratio Lower Upper

43 100

58 32.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

600

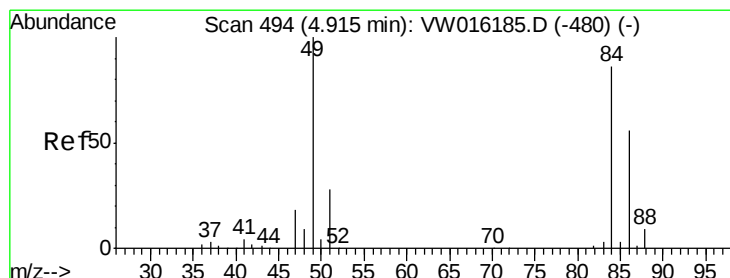
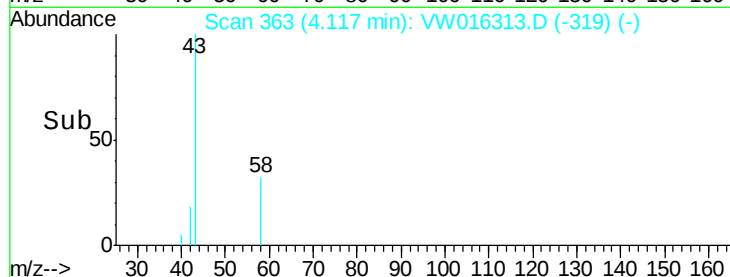
400

200

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 8.405 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016313.D

Acq: 21 Aug 2020 18:19

Tgt Ion: 84 Resp: 27869

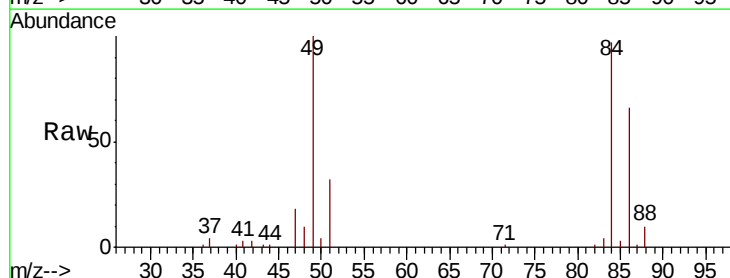
Ion Ratio Lower Upper

84 100

49 103.4 93.4 140.2

51 33.0 26.6 40.0

86 68.3 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

4.92

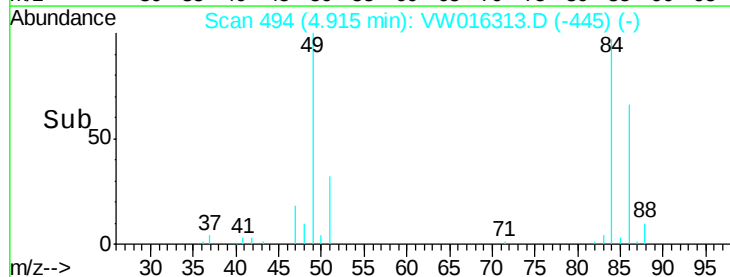
10000

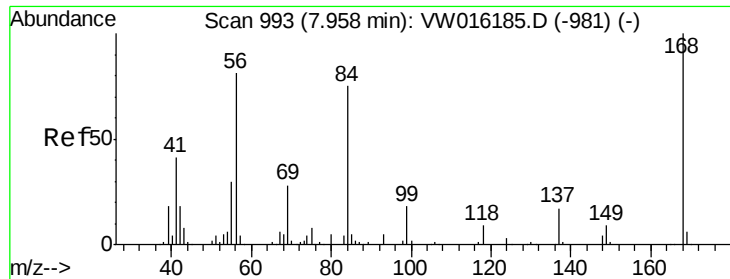
5000

0

4.80 4.90 5.00 5.10

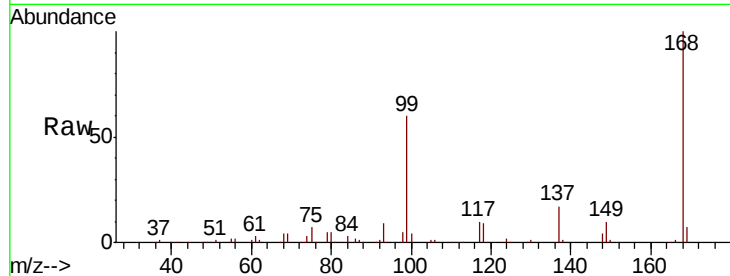
Time-->



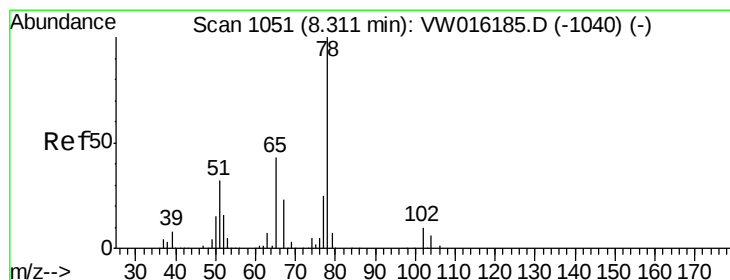
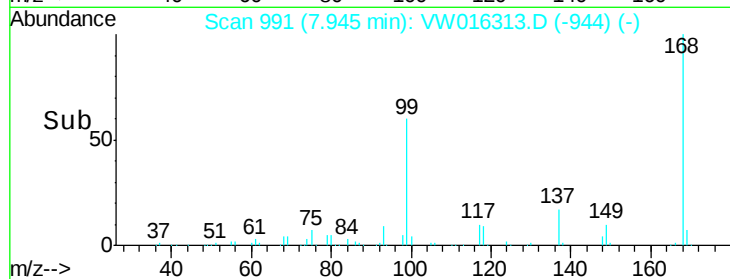
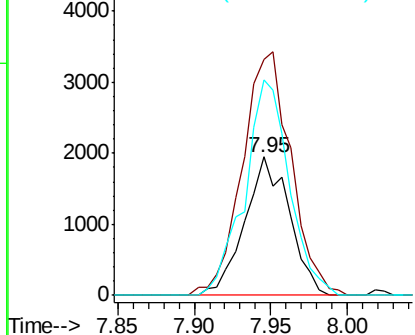


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

Tot Ion	56	69	84	Resp	3964	Lower	Upper
Ion	100	170.9	155.8				
Ratio		27.3	73.5				
		40.9#	110.3#				

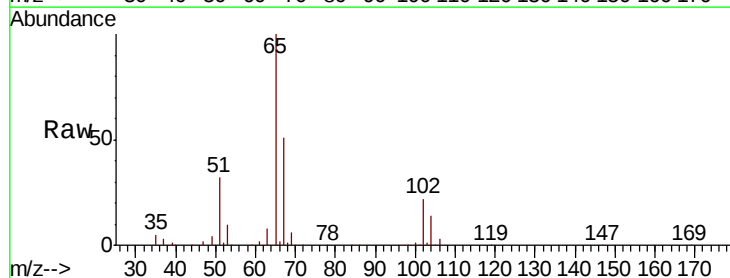


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

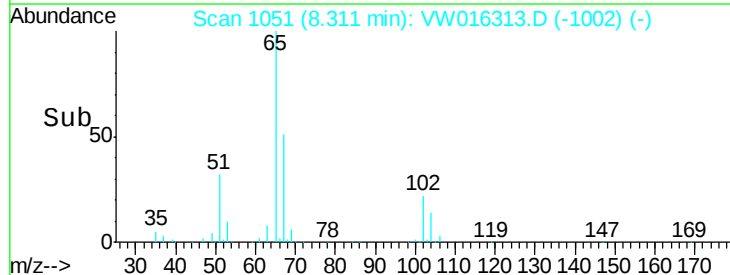
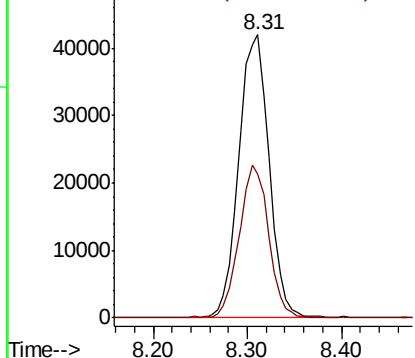


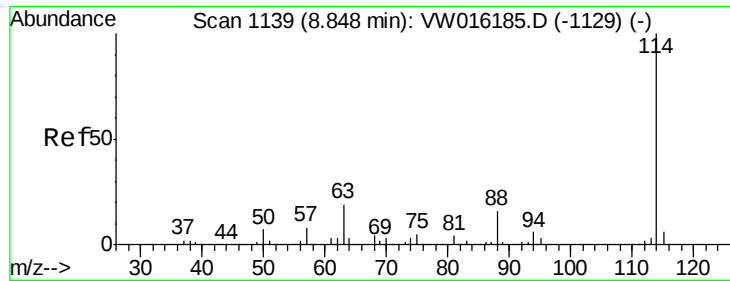
#33
1,2-Dichloroethane-d4
Concen: 50.636 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

Tgt Ion	65	67	Resp	94750	Lower	Upper
Ion	100	52.5				
Ratio		0.0				
		105.6				



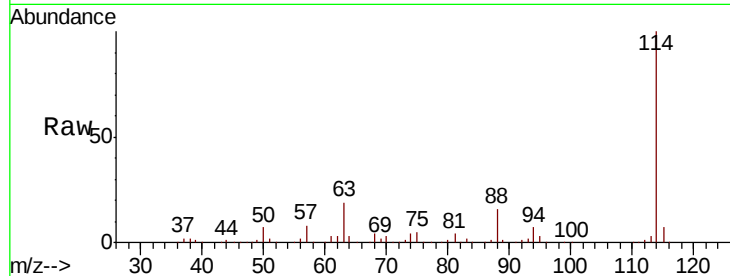
Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016313.D
 Acq: 21 Aug 2020 18:19

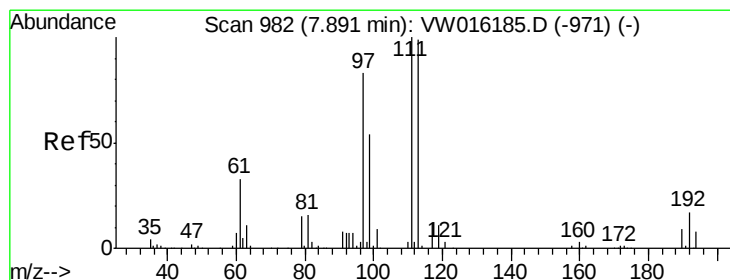
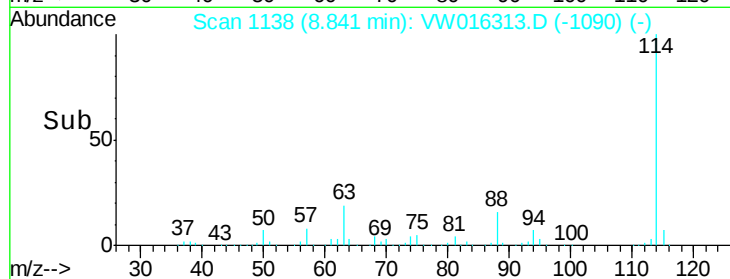
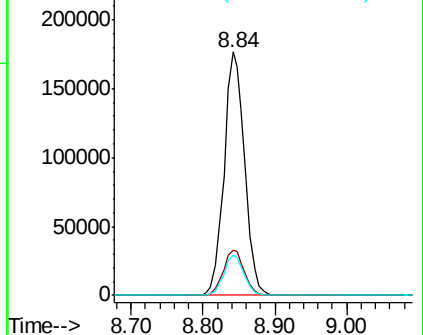
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	16.3	0.0	32.8



Abundance Ion 113.90 (113.60 to 114.60): V

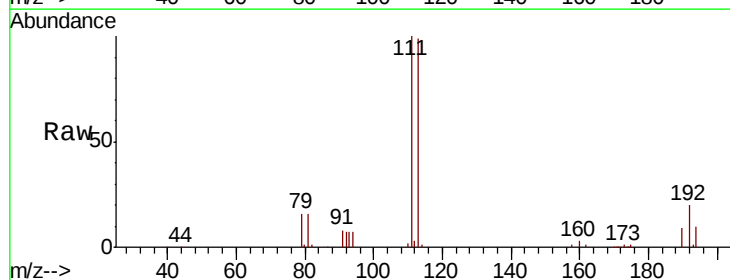
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 47.690 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016313.D
 Acq: 21 Aug 2020 18:19

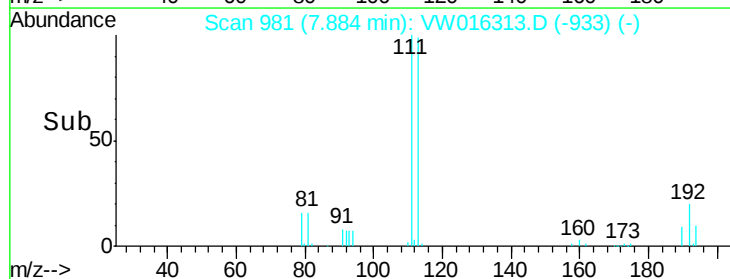
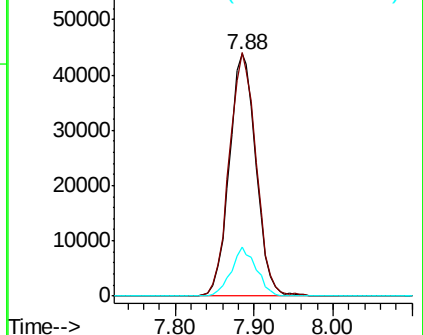
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.5	125.3
192	19.0	14.3	21.5

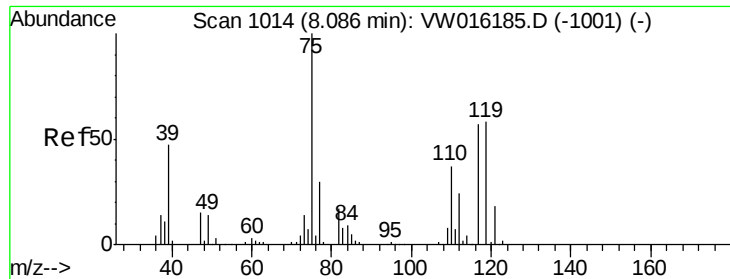


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

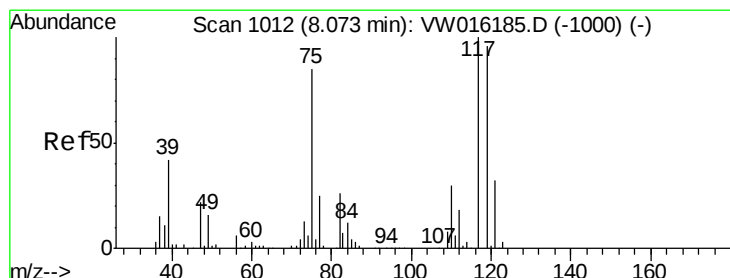
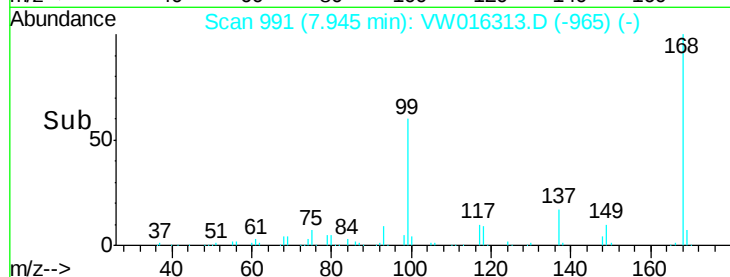
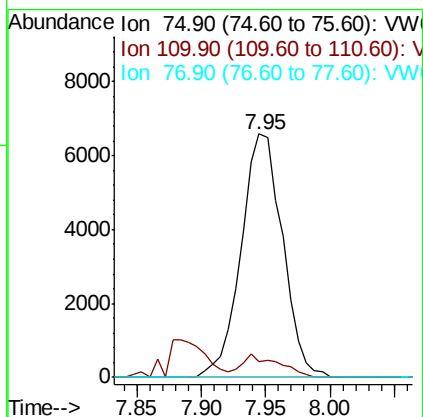
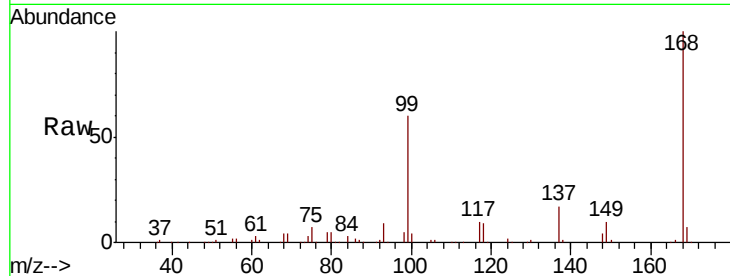
Ion 191.70 (191.40 to 192.40): V





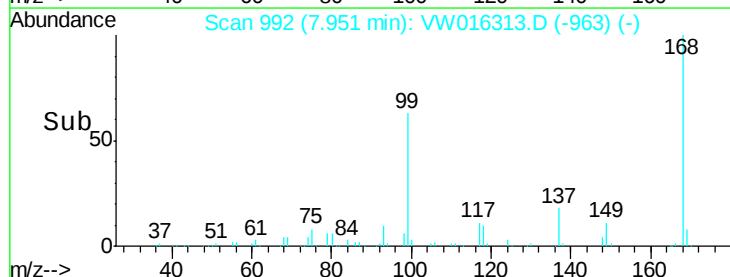
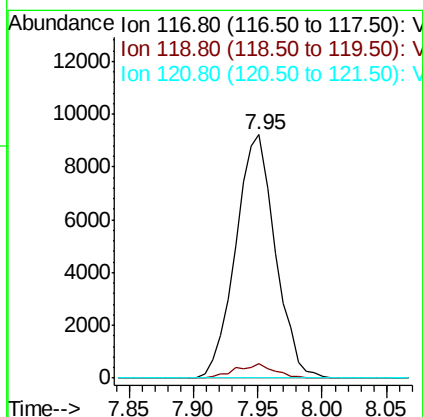
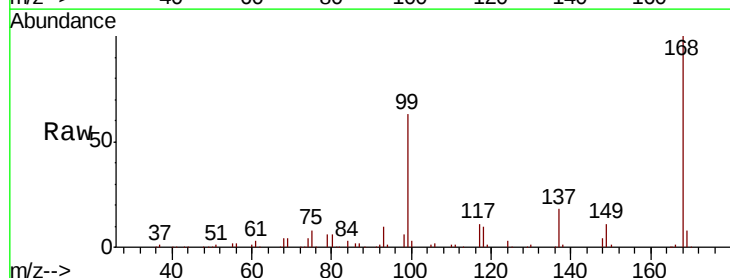
#36
 1,1-Dichloropropene
 Concen: 4.265 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016313.D
 Acq: 21 Aug 2020 18:19

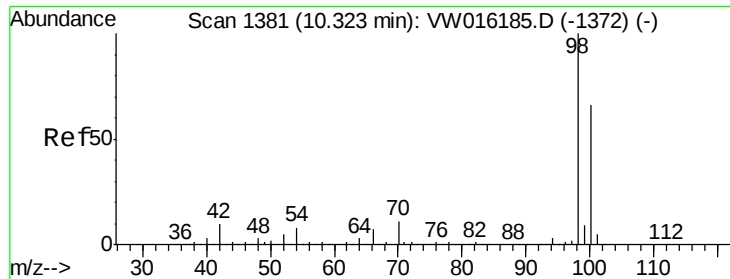
Tot Ion	75	Resp	14666
Ion Ratio	100	Lower	Upper
110	8.4	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.715 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW016313.D
 Acq: 21 Aug 2020 18:19

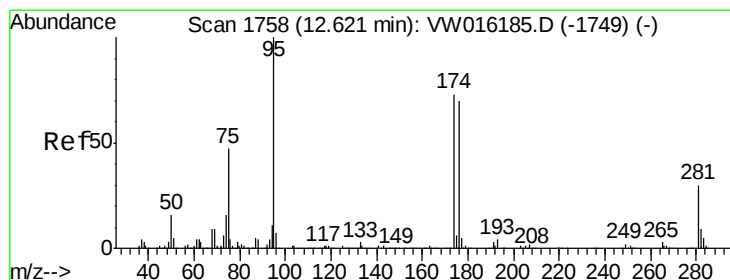
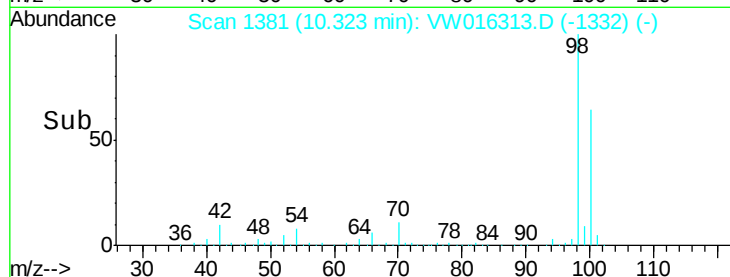
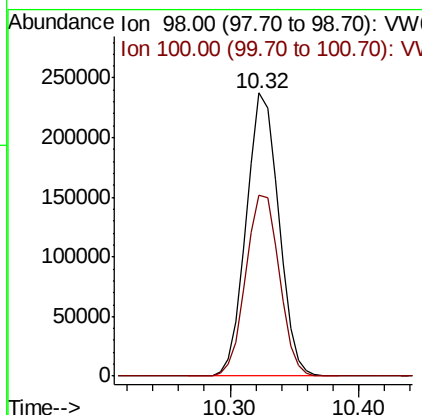
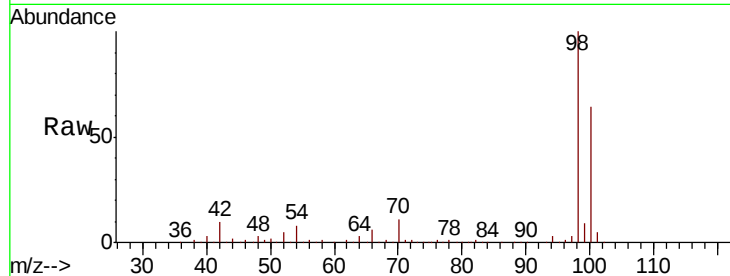
Tgt Ion	117	Resp	19613
Ion Ratio	100	Lower	Upper
119	5.8	76.6	115.0#
121	0.0	25.4	38.0#





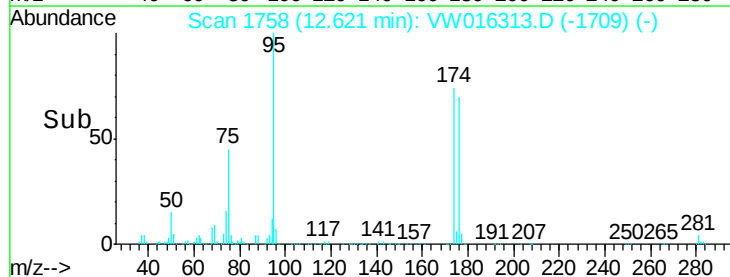
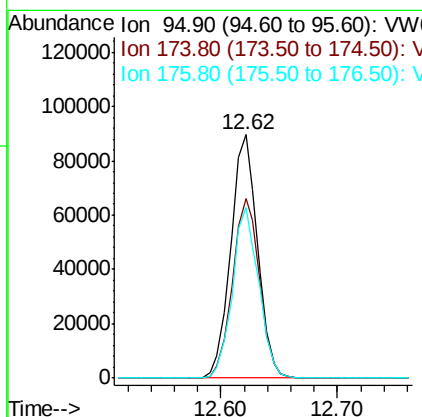
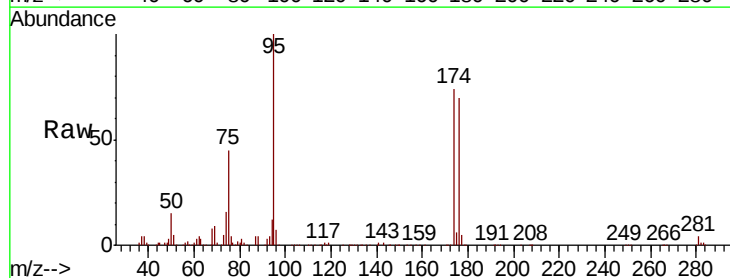
#50
Toluene-d8
Concen: 49.702 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

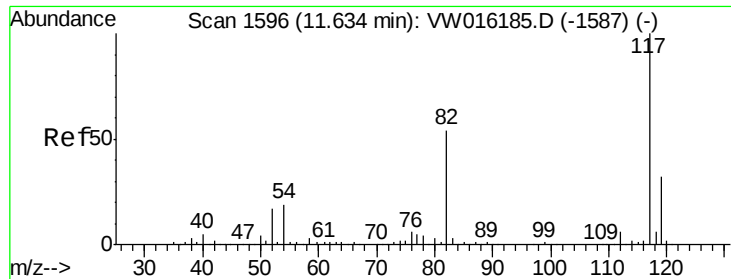
Tot Ion: 98 Resp: 414373
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 48.001 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

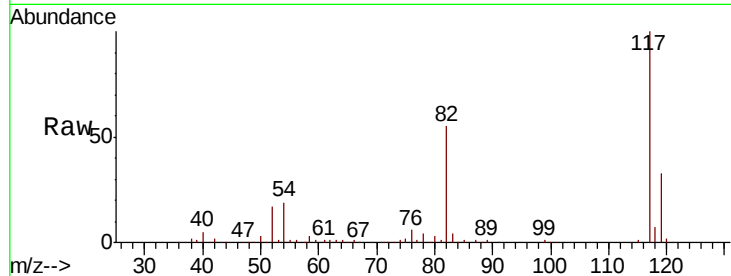
Tgt Ion: 95 Resp: 143051
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.6
176 69.1 0.0 137.8



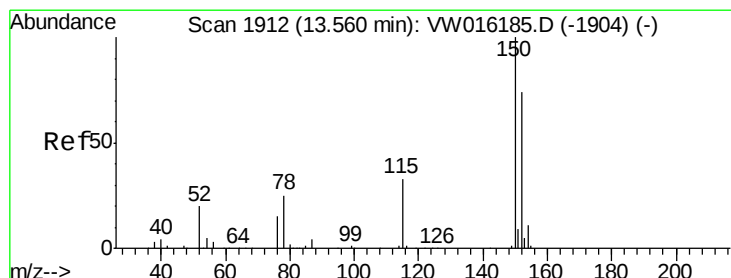
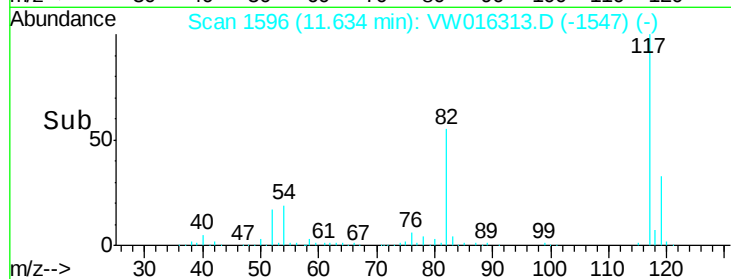
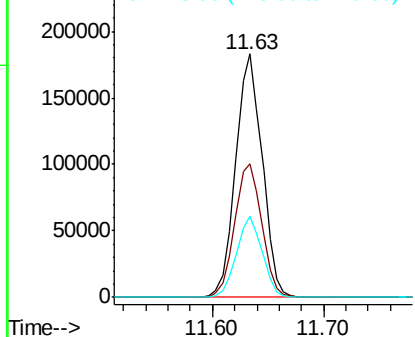


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

Tot Ion:117 Resp: 302089
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 33.3 25.4 38.0

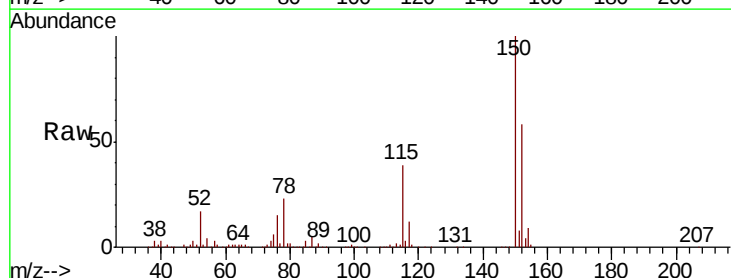


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

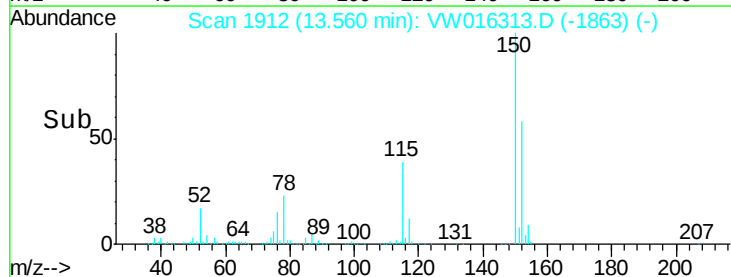
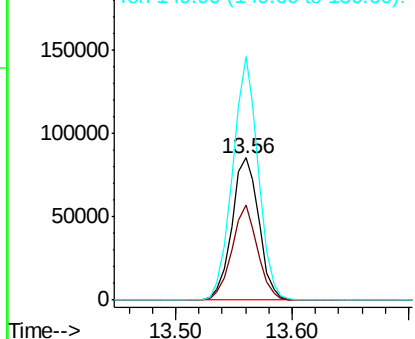


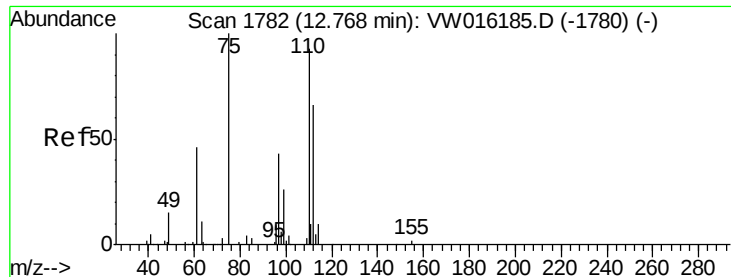
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

Tgt Ion:152 Resp: 137346
Ion Ratio Lower Upper
152 100
115 63.2 30.9 92.5
150 161.7 0.0 337.8



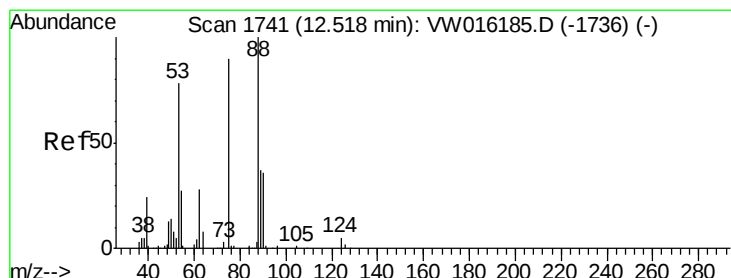
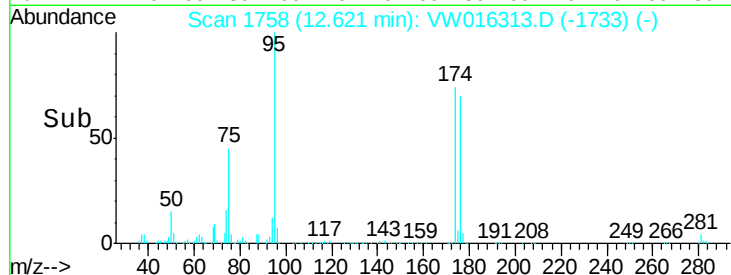
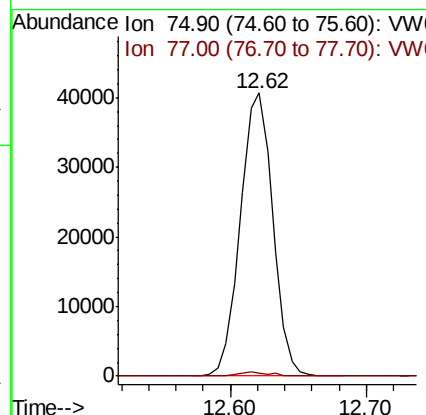
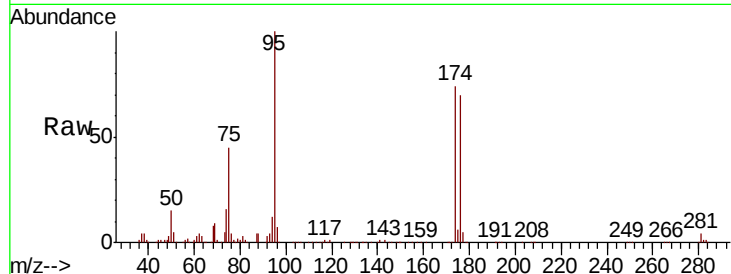
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





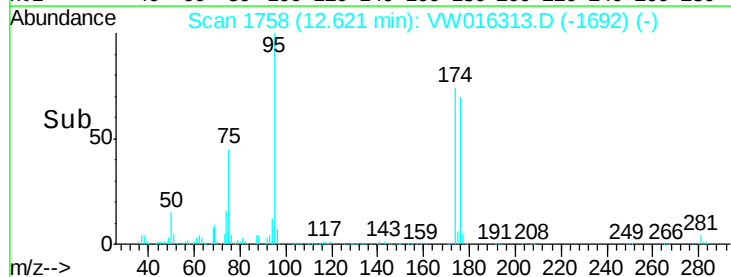
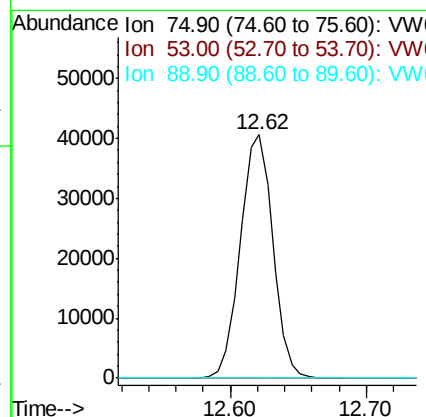
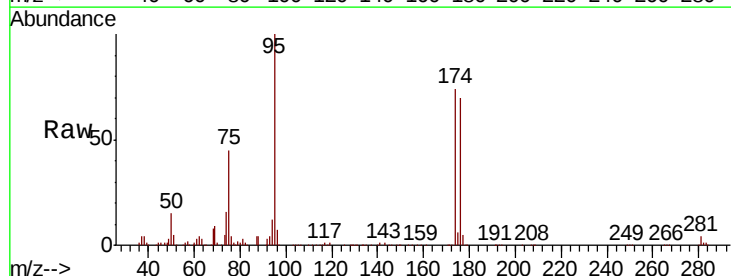
#76
 1,2,3-Trichloropropane
 Concen: 53.558 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW016313.D
 Acq: 21 Aug 2020 18:19

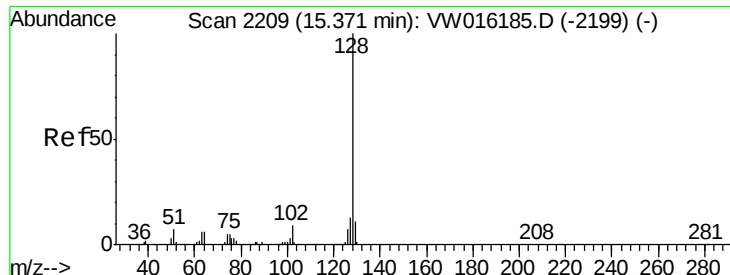
Tot Ion: 75 Resp: 67651
 Ion Ratio Lower Upper
 75 100
 77 1.5 173.6 520.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.466 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW016313.D
 Acq: 21 Aug 2020 18:19

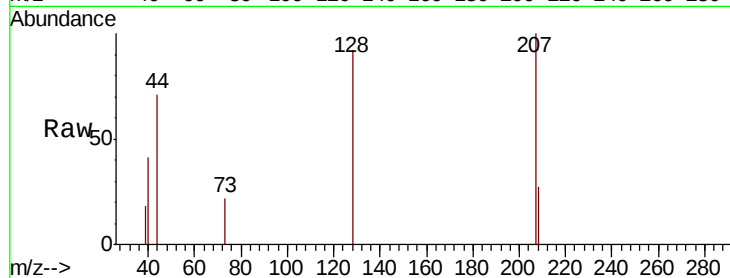
Tgt Ion: 75 Resp: 67651
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 3.675 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016313.D
Acq: 21 Aug 2020 18:19

Tot Ion:128 Resp: 533
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

