

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013350.D
 Acq On : 01 Oct 2019 00:22
 Operator : SY/VA
 Sample : K5094-01
 Misc : 5.32G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

Quant Time: Oct 01 05:41:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	135036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	182892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60230	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	52951	48.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.10%	
35) Dibromofluoromethane	7.88	113	53185	52.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.74%	
50) Toluene-d8	10.32	98	209330	49.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.61	95	61309	42.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.26%	

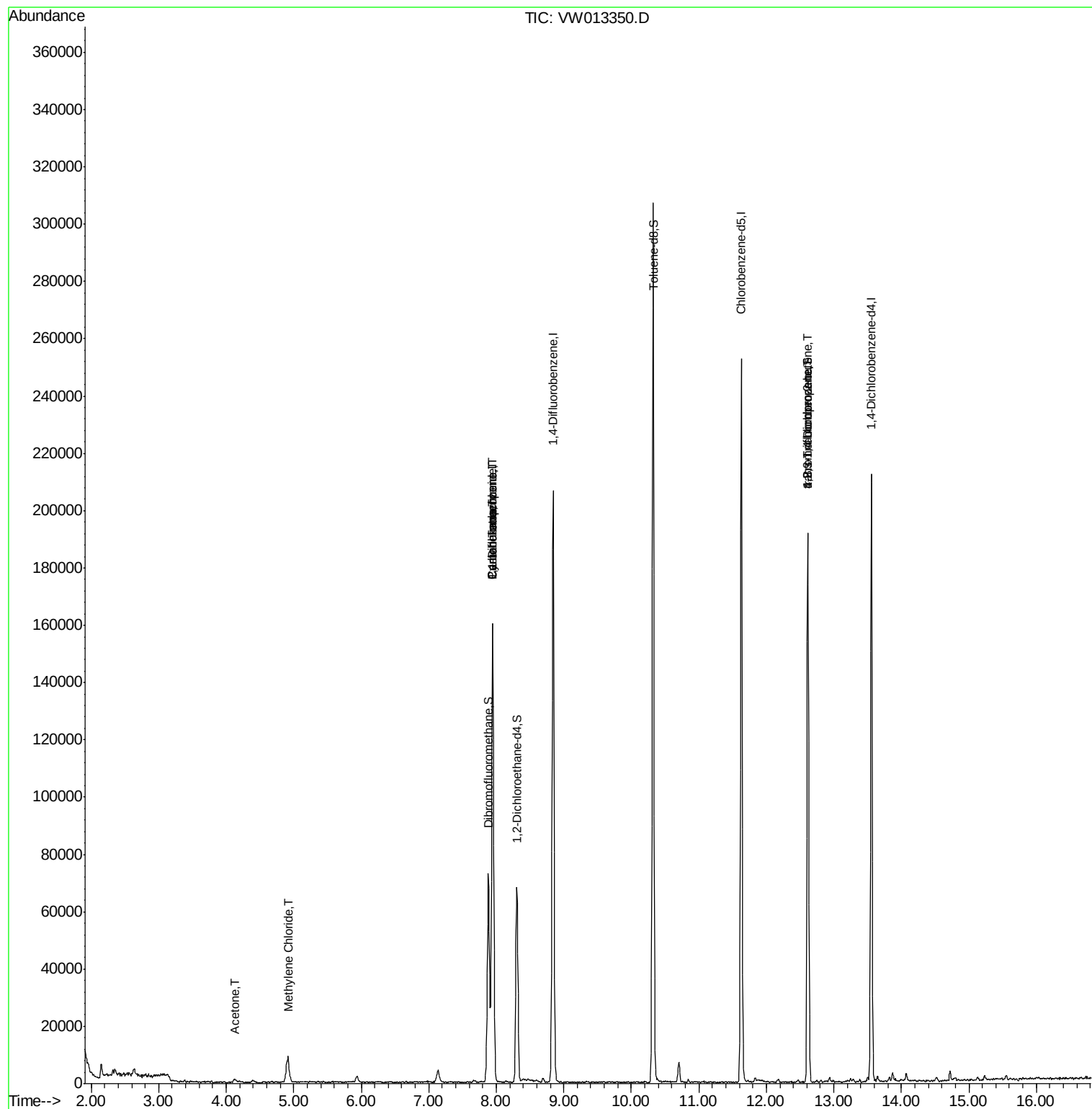
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	229	Below Cal	#	68
16) Acetone	4.12	43	2075	8.349	ug/l #	88
20) Methylene Chloride	4.92	84	6547	2.384	ug/l	95
26) 2,2-Dichloropropane	7.13	77	236	Below Cal	#	52
31) Cyclohexane	7.95	56	2445	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	8411	4.748	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11402	7.180	ug/l #	19
76) 1,2,3-Trichloropropane	12.61	75	29439	55.346	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	29439	124.191	ug/l #	12

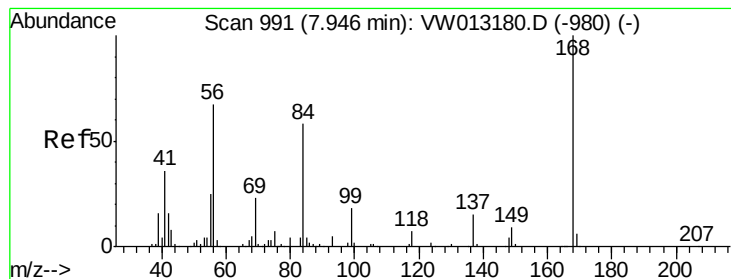
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
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QLast Update : Fri Sep 20 15:58:08 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013350.D

Acq: 01 Oct 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

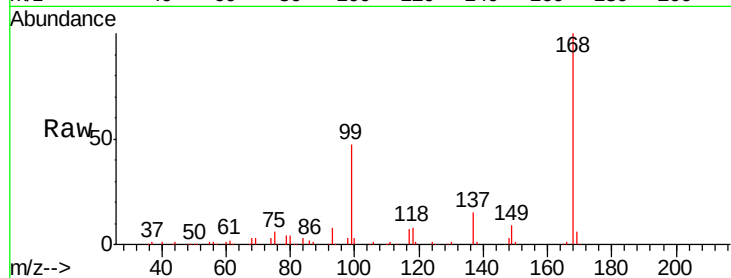
MC-17-COMPOSITE

Tgt Ion: 168 Resp: 135036

Ion Ratio Lower Upper

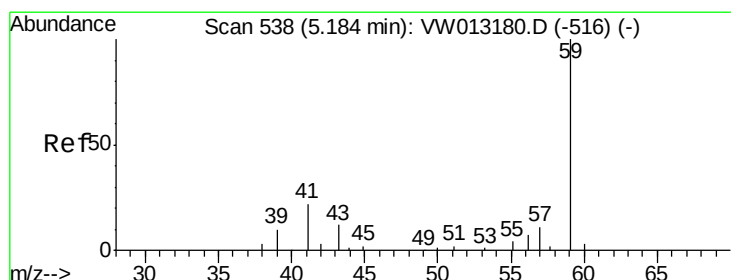
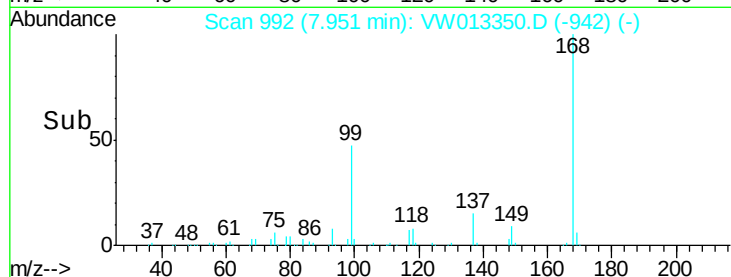
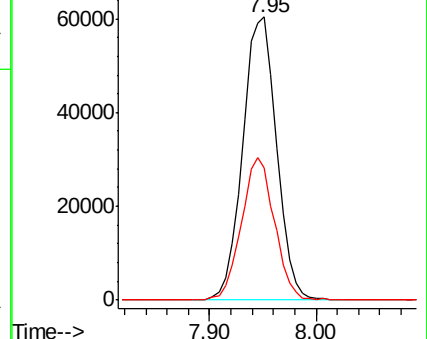
168 100

99 46.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.04 min

Lab File: VW013350.D

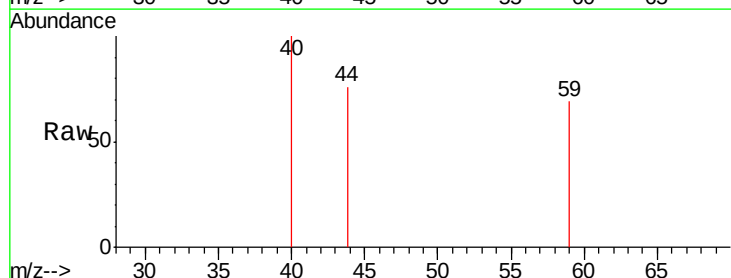
Acq: 01 Oct 2019 00:22

Tgt Ion: 59 Resp: 229

Ion Ratio Lower Upper

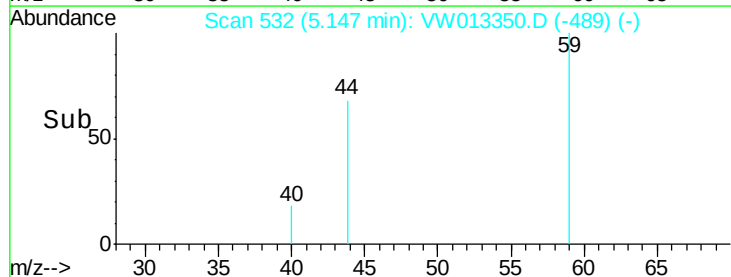
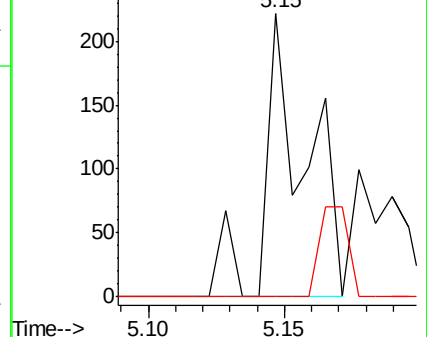
59 100

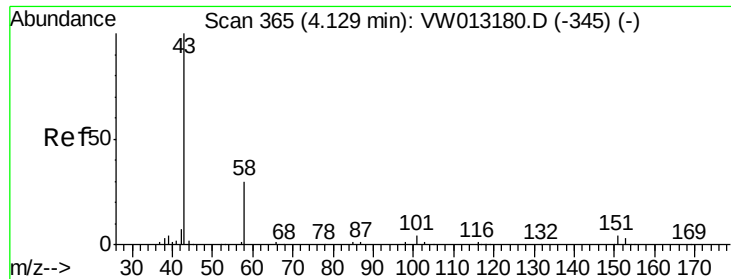
57 22.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

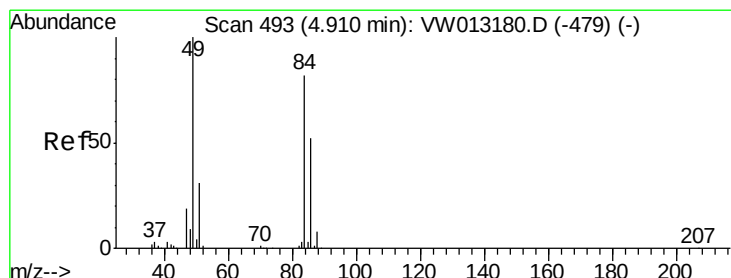
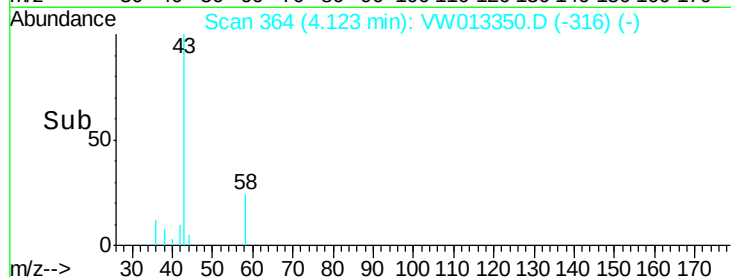
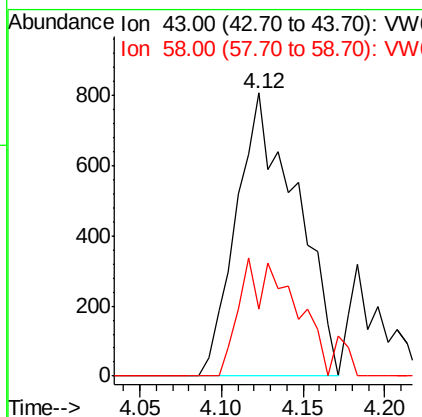
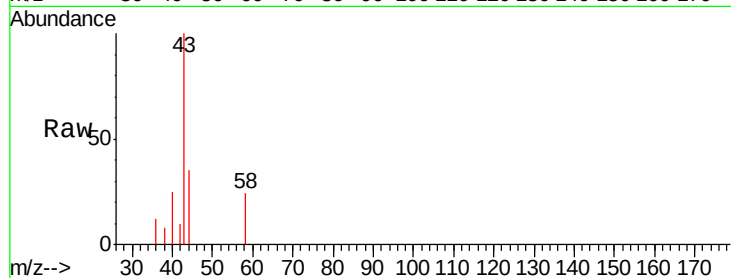




#16
Acetone
Concen: 8.349 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013350.D
Acq: 01 Oct 2019 00:22

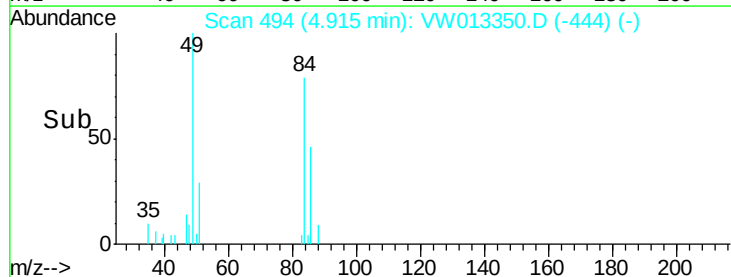
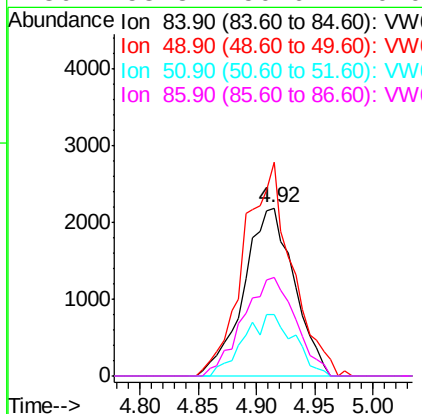
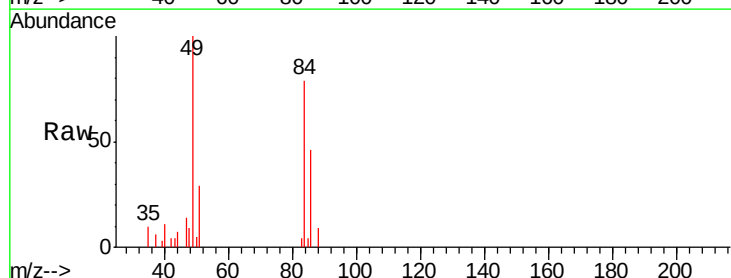
Instrument :
MSVOA_W
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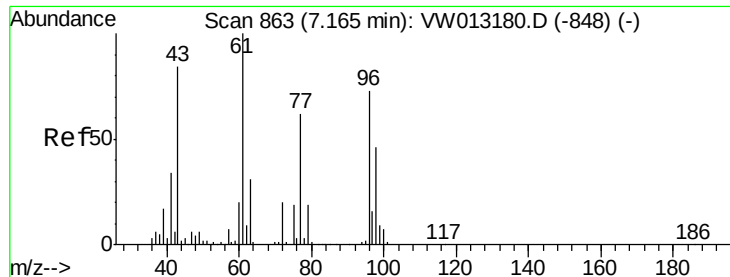
Tgt Ion: 43 Resp: 2075
Ion Ratio Lower Upper
43 100
58 23.8 24.1 36.1#



#20
Methylene Chloride
Concen: 2.384 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013350.D
Acq: 01 Oct 2019 00:22

Tgt Ion: 84 Resp: 6547
Ion Ratio Lower Upper
84 100
49 127.2 97.6 146.4
51 36.4 30.2 45.2
86 58.8 50.6 76.0

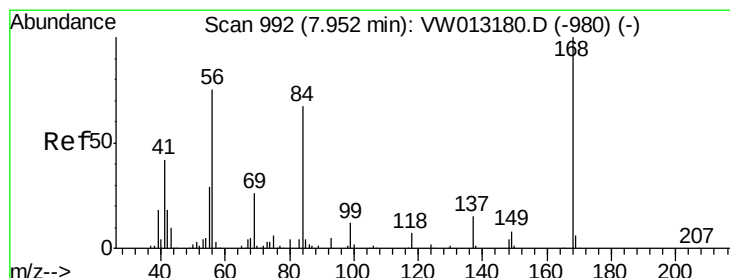
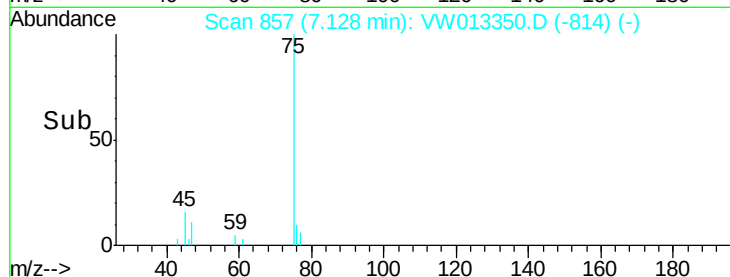
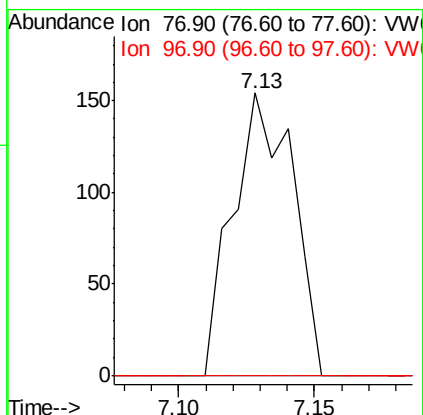
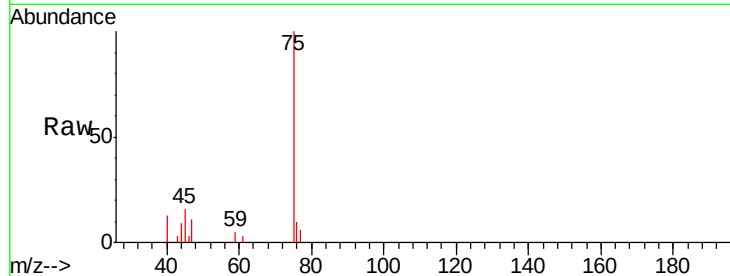




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.13 min Scan# 857
 Delta R.T. -0.04 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

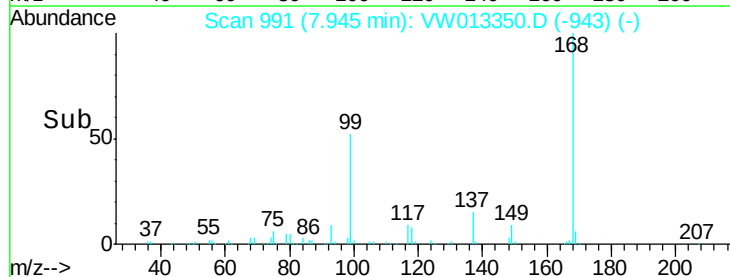
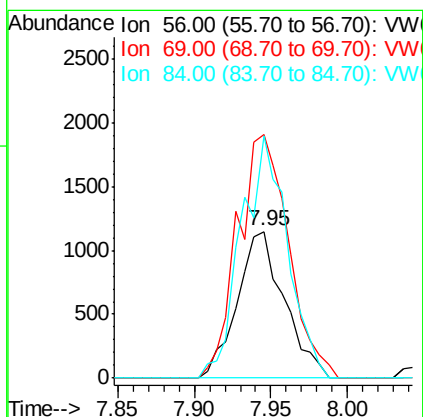
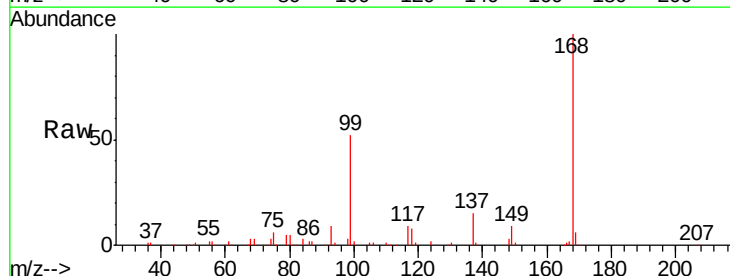
Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

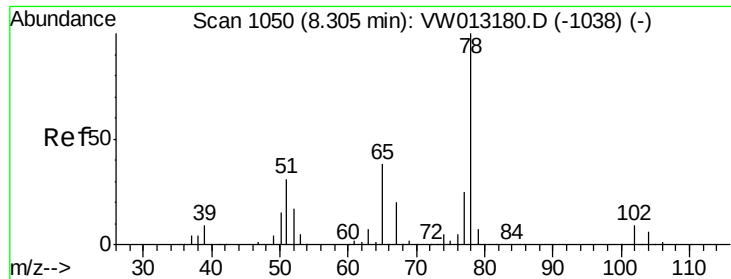
Tgt Ion: 77 Resp: 236
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#31
 Cyclohexane
 Concen: 1.023 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

Tgt Ion: 56 Resp: 2445
 Ion Ratio Lower Upper
 56 100
 69 166.2 27.2 40.8#
 84 165.2 70.8 106.2#

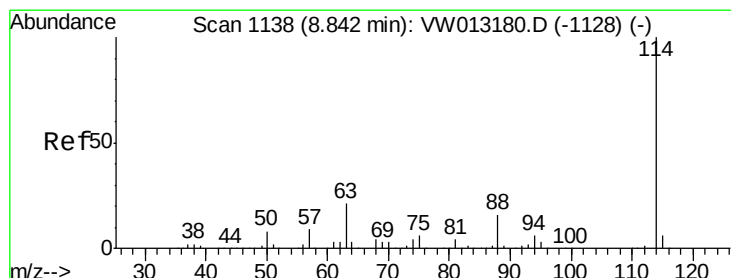
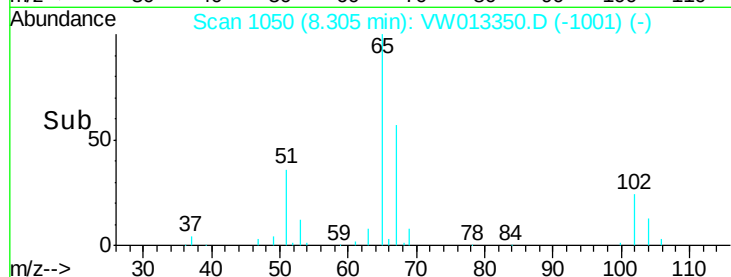
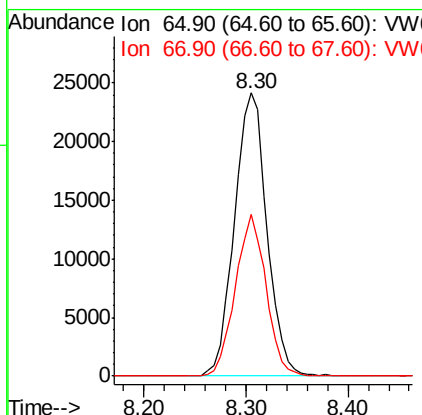
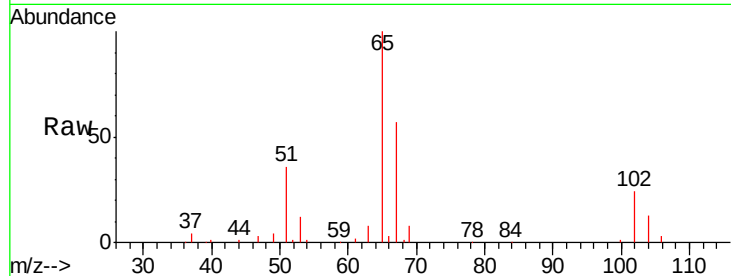




#33
 1,2-Dichloroethane-d4
 Concen: 48.046 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

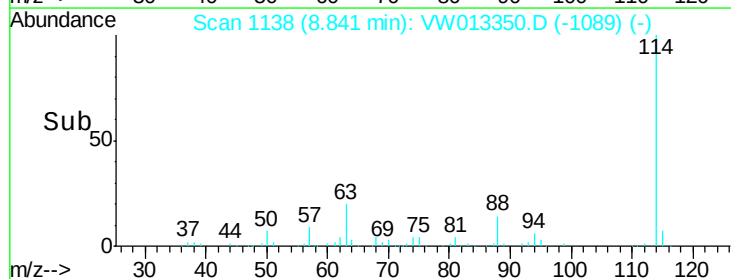
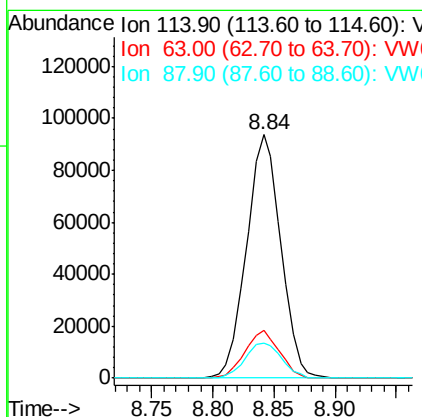
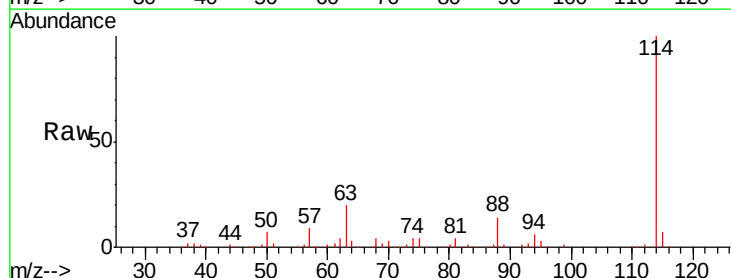
Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

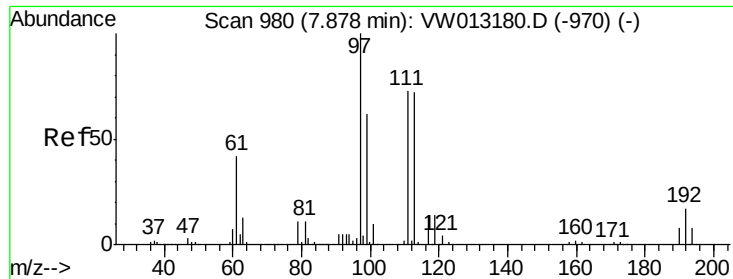
Tgt Ion: 65 Resp: 52951
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

Tgt Ion: 114 Resp: 182892
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.873 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013350.D

Acq: 01 Oct 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

MC-17-COMPOSITE

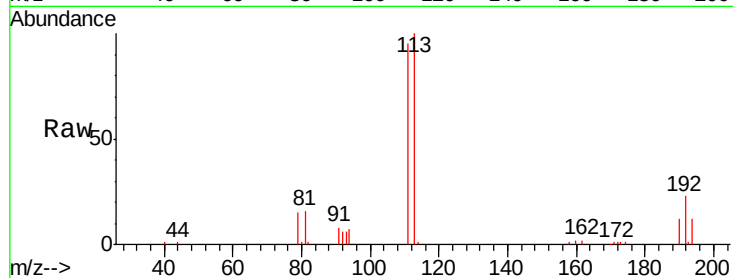
Tgt Ion:113 Resp: 53185

Ion Ratio Lower Upper

113 100

111 99.8 81.9 122.9

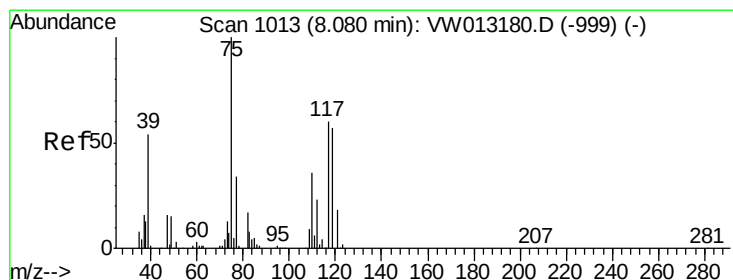
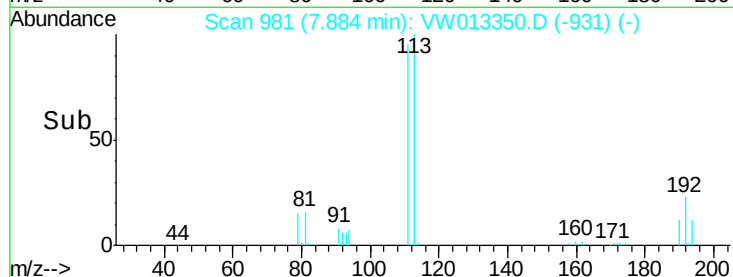
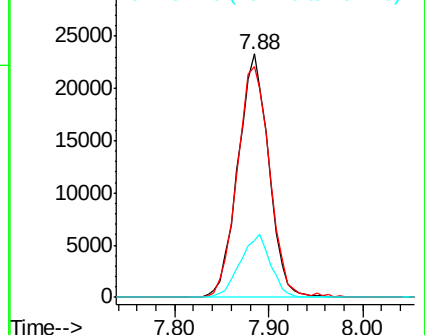
192 25.4 19.1 28.7



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: 4.748 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013350.D

Acq: 01 Oct 2019 00:22

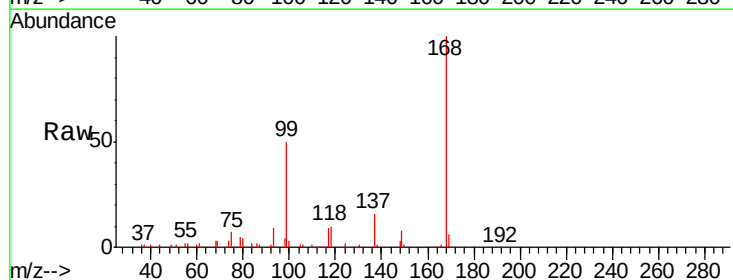
Tgt Ion: 75 Resp: 8411

Ion Ratio Lower Upper

75 100

110 10.8 18.1 54.3#

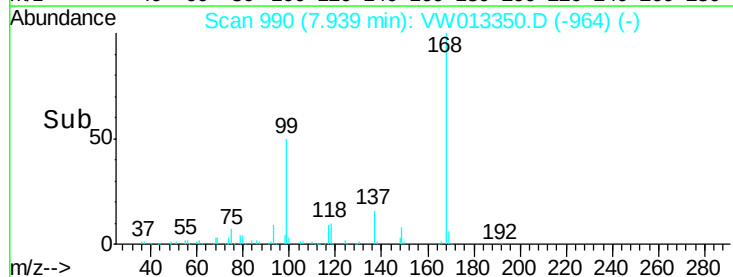
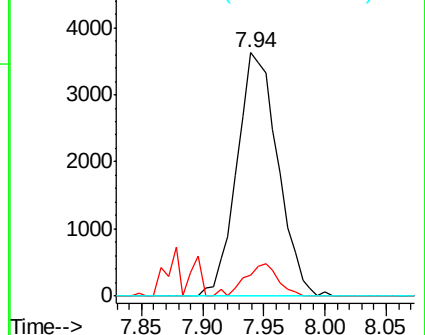
77 0.0 25.8 38.6#

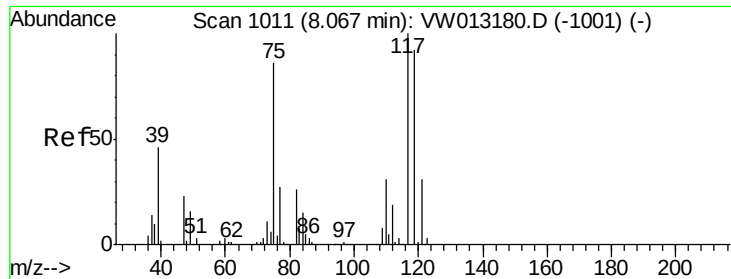


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 7.180 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013350.D

Acq: 01 Oct 2019 00:22

Instrument :

MSVOA_W

ClientSampleId :

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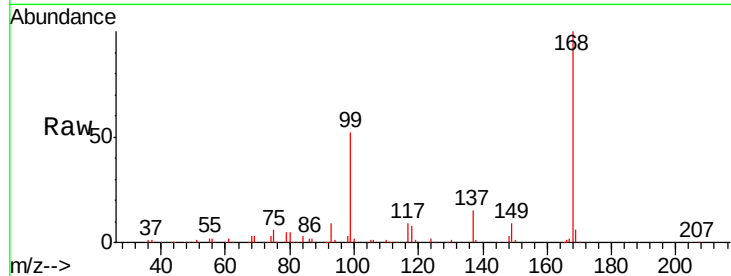
Tgt Ion:117 Resp: 11402

Ion Ratio Lower Upper

117 100

119 6.8 73.5 110.3#

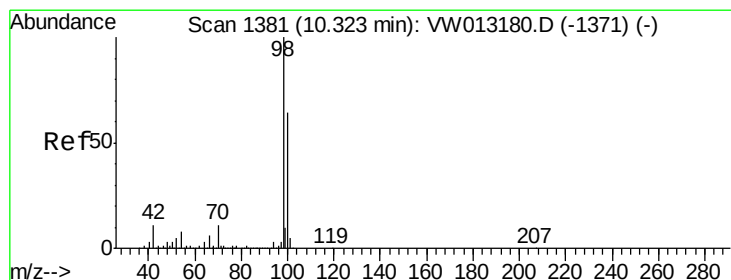
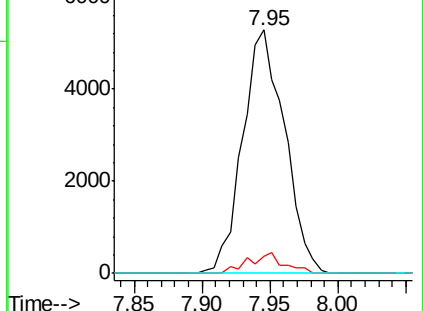
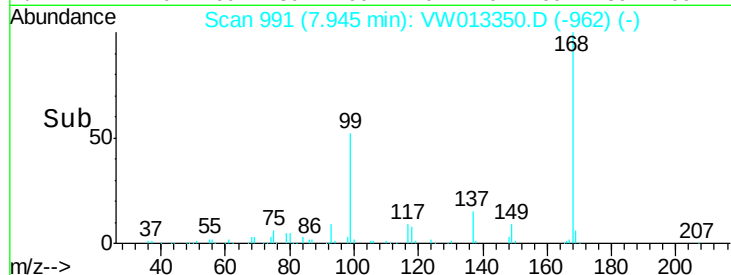
121 0.0 25.0 37.6#



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: 49.724 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013350.D

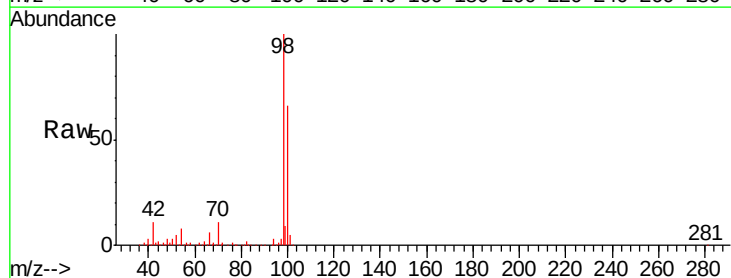
Acq: 01 Oct 2019 00:22

Tgt Ion: 98 Resp: 209330

Ion Ratio Lower Upper

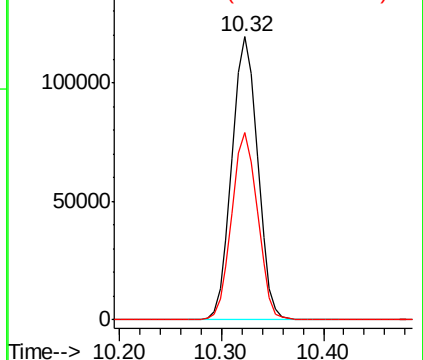
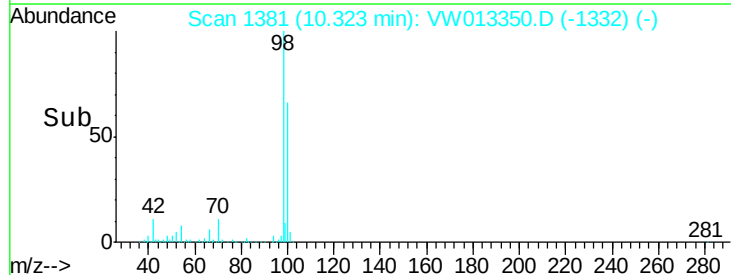
98 100

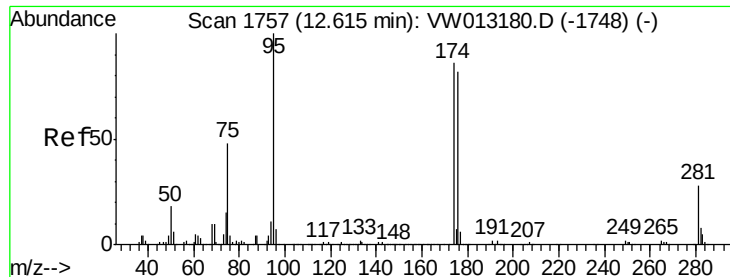
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.634 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013350.D

Acq: 01 Oct 2019 00:22

Instrument :

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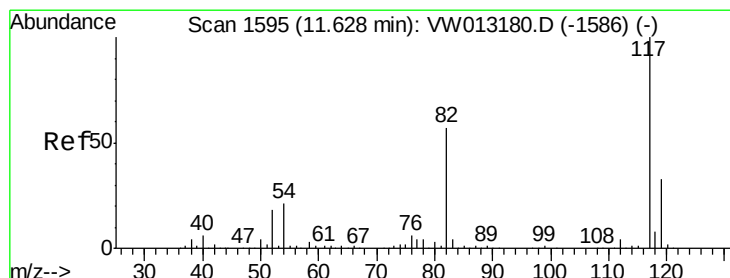
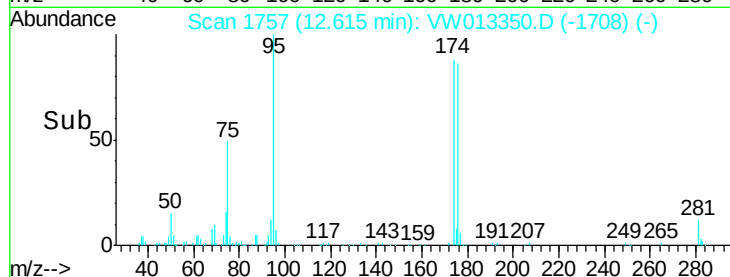
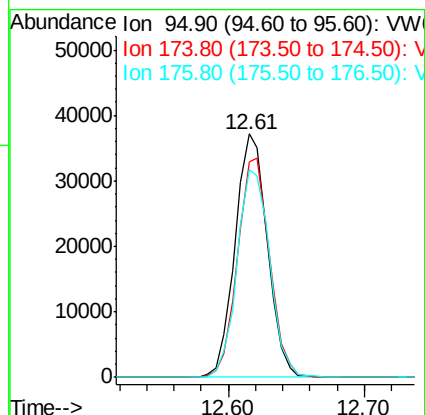
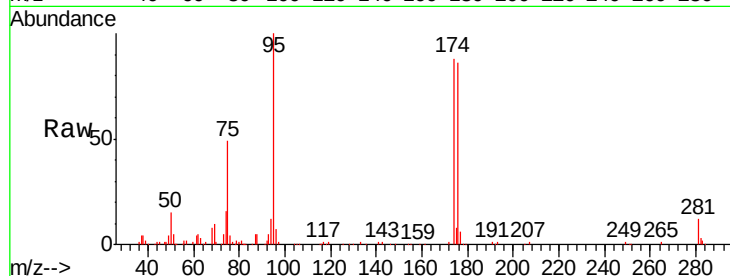
Tgt Ion: 95 Resp: 61309

Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.4

176 86.9 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013350.D

Acq: 01 Oct 2019 00:22

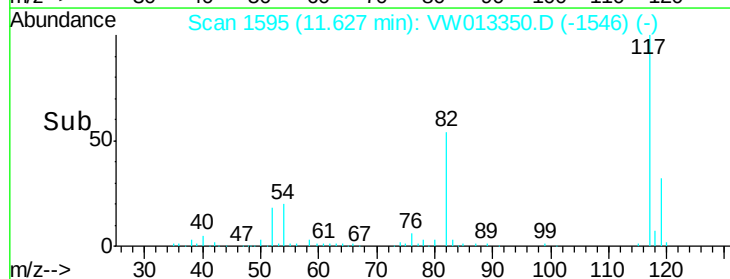
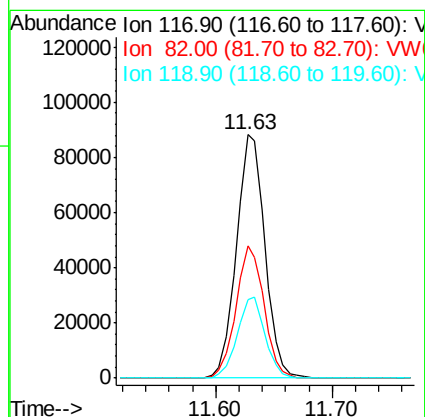
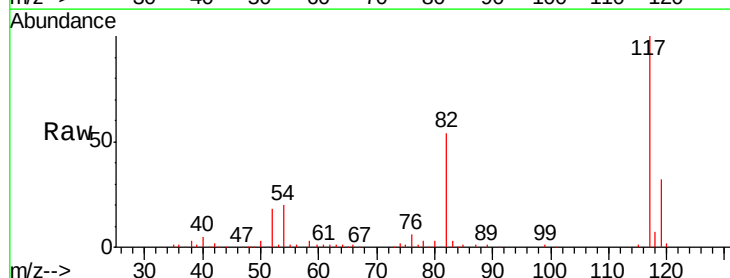
Tgt Ion: 117 Resp: 150356

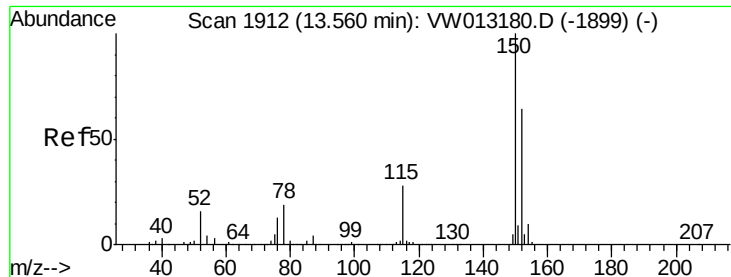
Ion Ratio Lower Upper

117 100

82 54.4 45.9 68.9

119 32.3 26.2 39.2

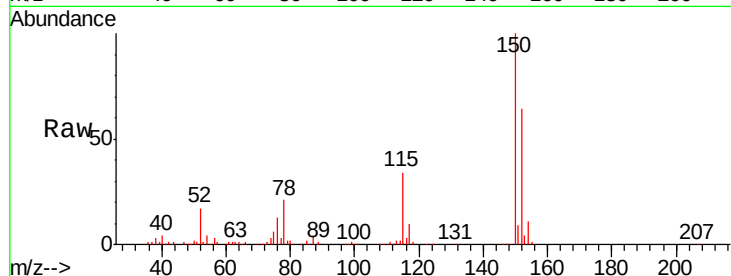




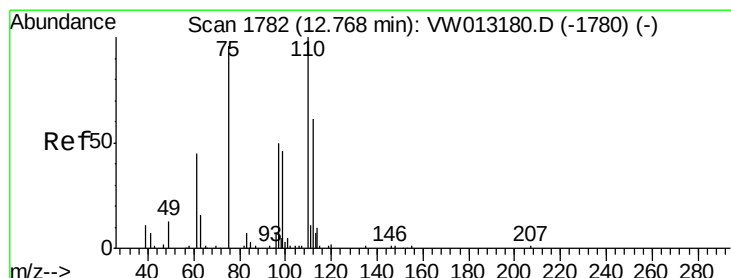
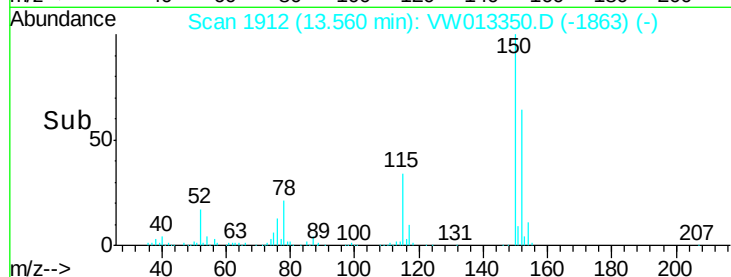
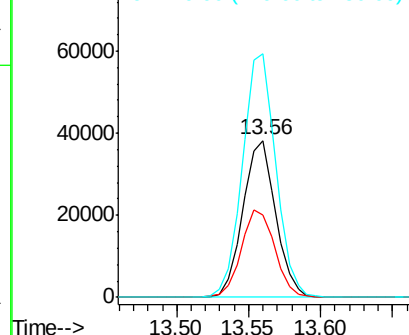
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

Tgt Ion:152 Resp: 60230
 Ion Ratio Lower Upper
 152 100
 115 57.4 27.3 81.9
 150 158.2 0.0 349.0

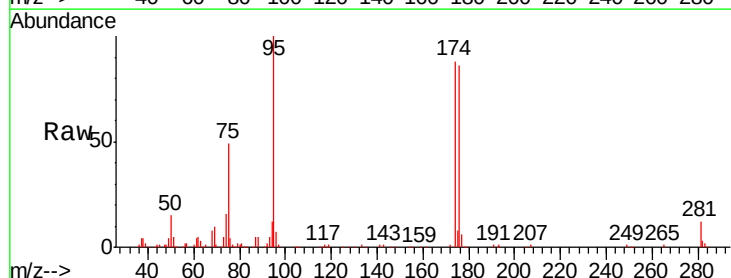


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

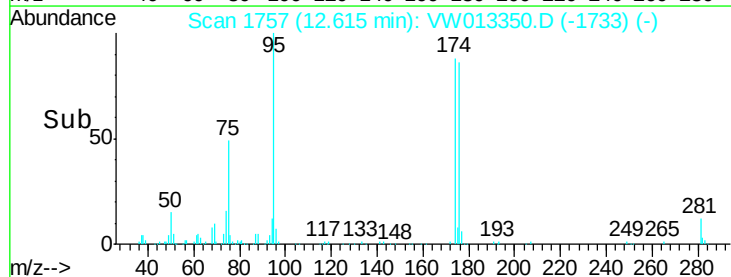
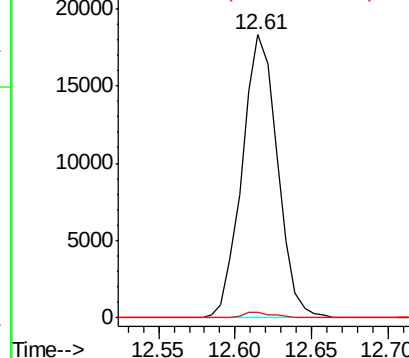


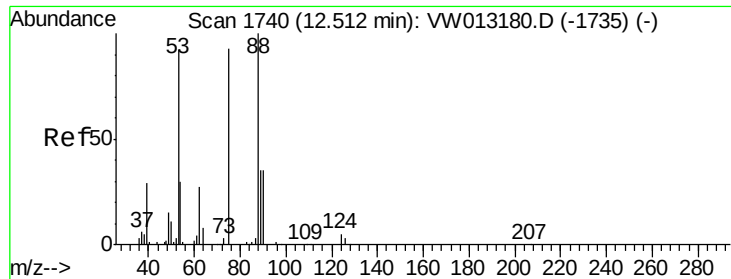
#76
 1,2,3-Trichloropropane
 Concen: 55.346 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

Tgt Ion: 75 Resp: 29439
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



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: 124.191 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013350.D
 Acq: 01 Oct 2019 00:22

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

Tgt Ion: 75 Resp: 29439
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.0 33.5 50.3#

