

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011848.D
 Acq On : 12 Aug 2019 13:33
 Operator : SY/VA
 Sample : K4229-04
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:45:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

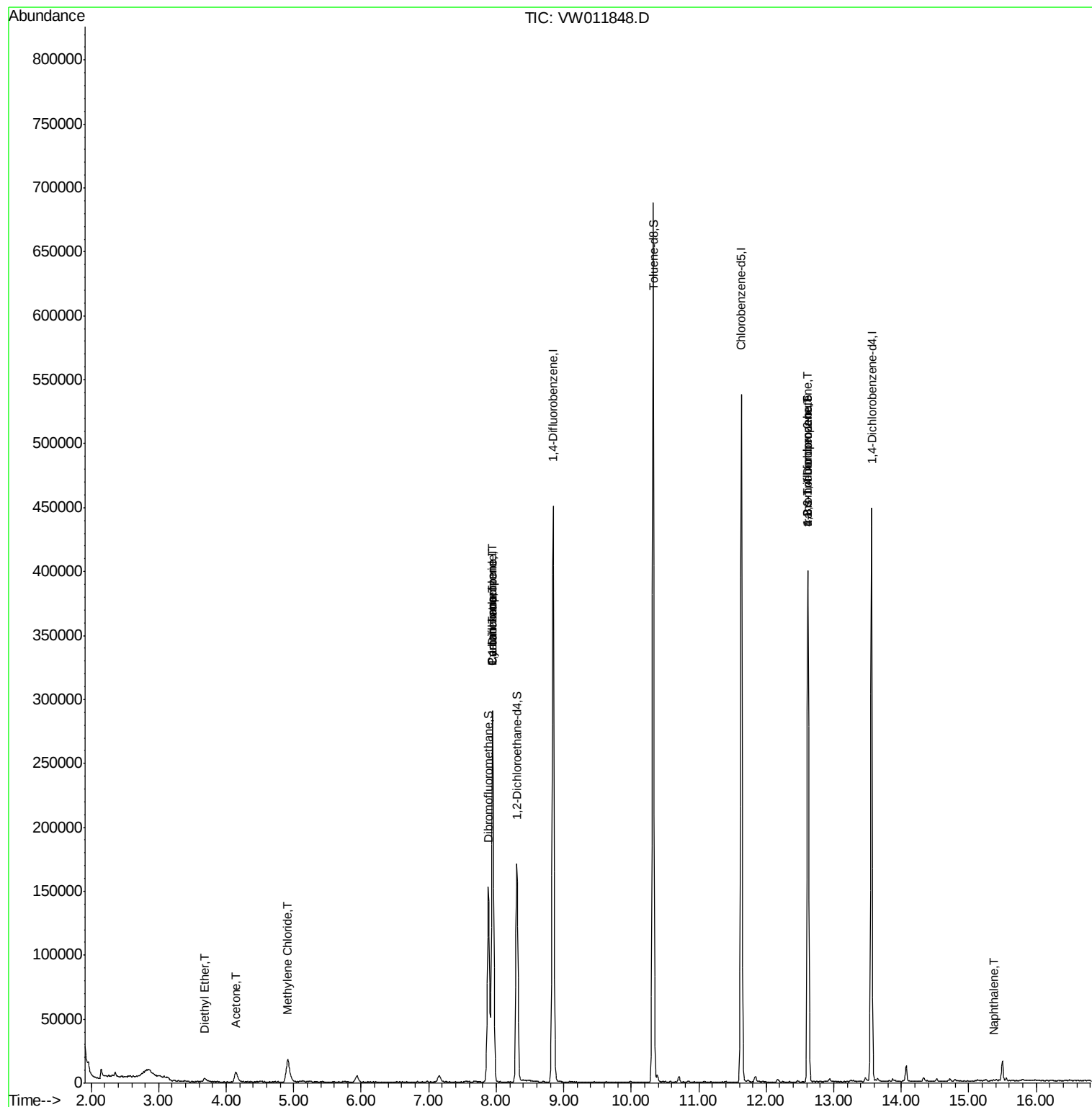
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	207682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135787	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	107116	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
50) Toluene-d8	10.32	98	425625	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	130301	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1255	1.025	ug/l #	29
11) Tert butyl alcohol	5.20	59	180	Below Cal	#	72
16) Acetone	4.14	43	17016	22.431	ug/l	99
20) Methylene Chloride	4.91	84	13407	5.125	ug/l	94
31) Cyclohexane	7.95	56	5348	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18076	5.037	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21059	6.855	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	71169	61.760	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71169	142.336	ug/l #	6
95) Naphthalene	15.36	128	632	2.207	ug/l #	87

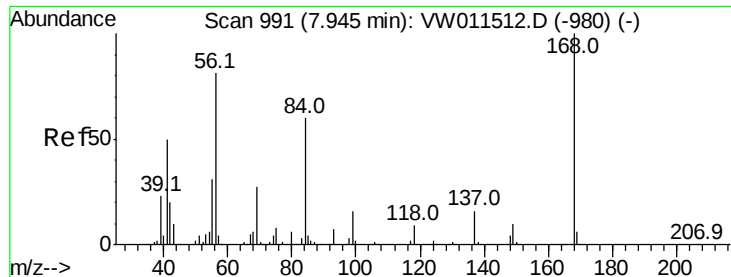
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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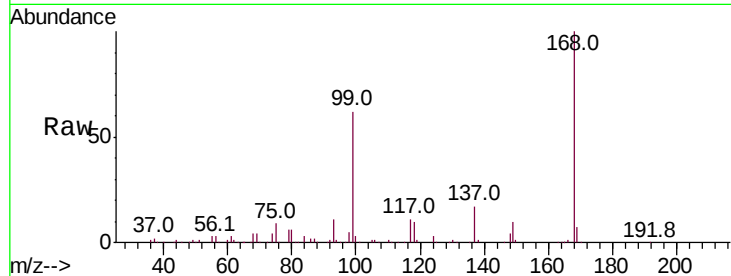


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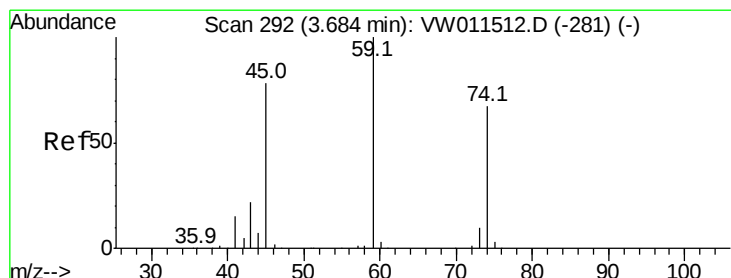
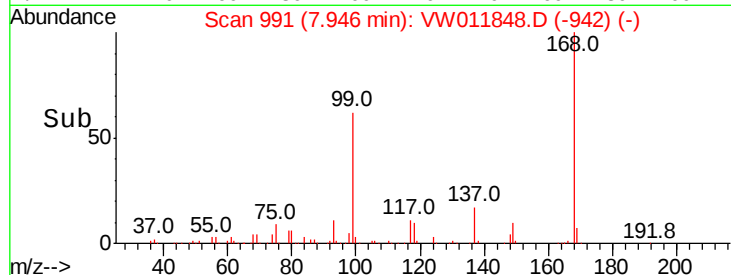
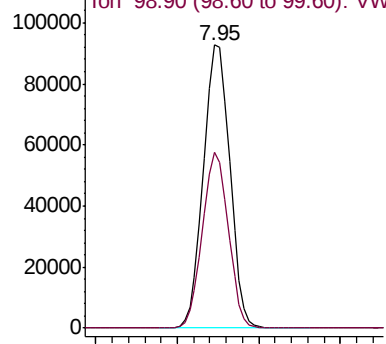
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VW011848.D
 Acq: 12 Aug 2019 13:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:168 Resp: 207682
 Ion Ratio Lower Upper
 168 100
 99 62.0 48.2 72.4



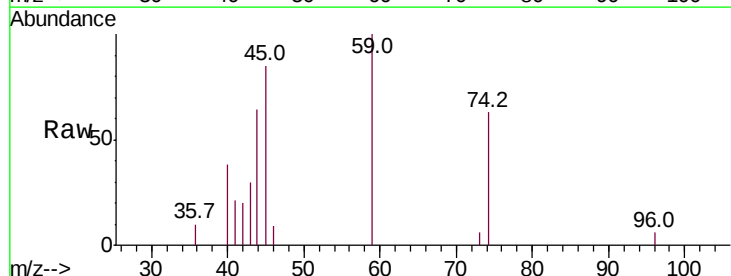
Abundance Ion 167.90 (167.60 to 168.60): V



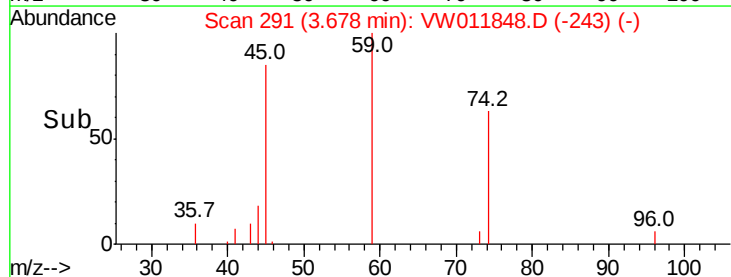
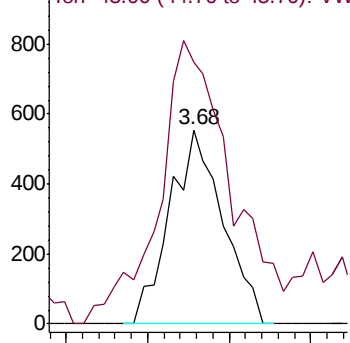
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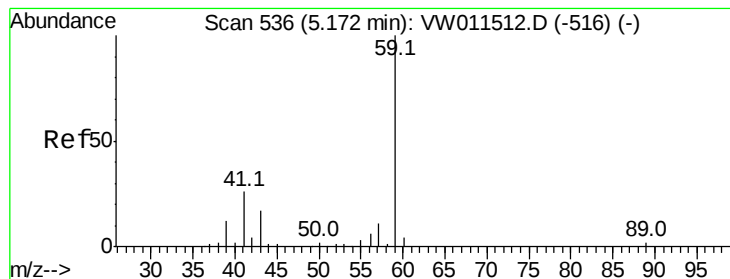
Diethyl Ether
 Concen: 1.025 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW011848.D
 Acq: 12 Aug 2019 13:33

Tgt Ion: 74 Resp: 1255
 Ion Ratio Lower Upper
 74 100
 45 197.5 59.6 178.8#



Abundance Ion 74.00 (73.70 to 74.70): VW



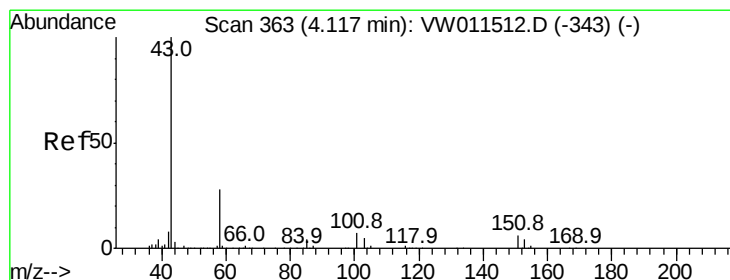
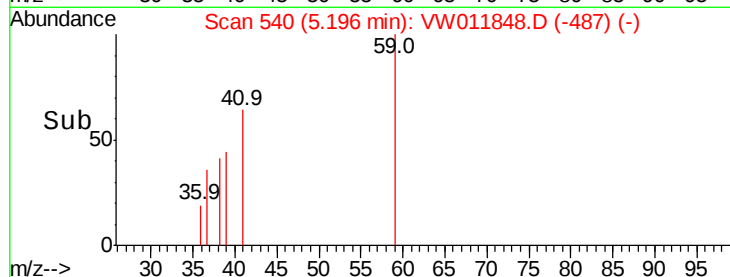
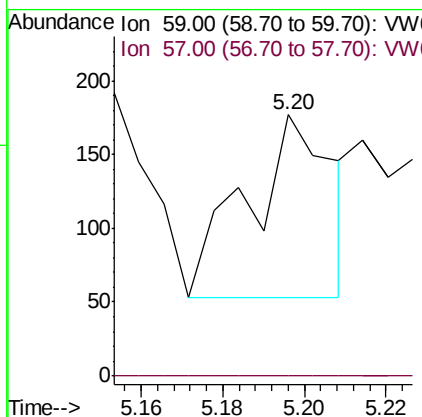
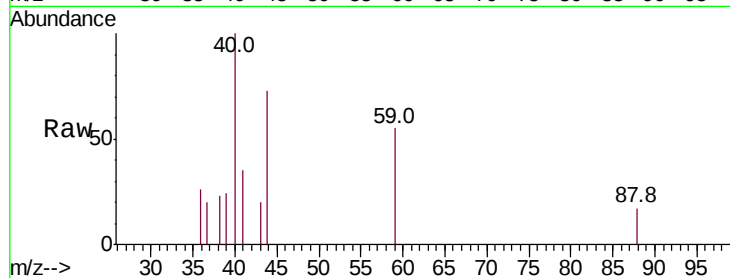


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.20 min Scan# 540
Delta R.T. 0.03 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Instrument :
MSVOA_W
ClientSampled :

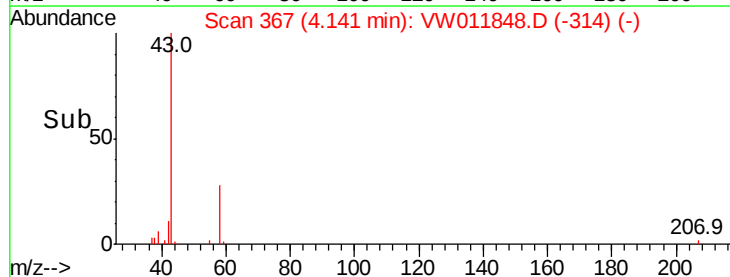
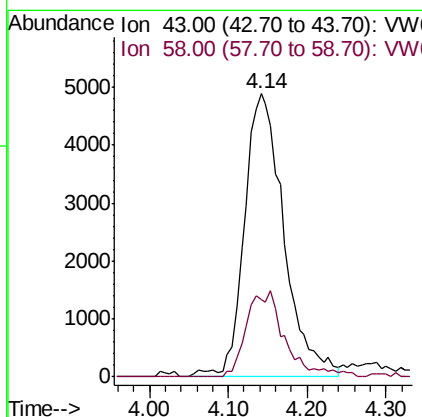
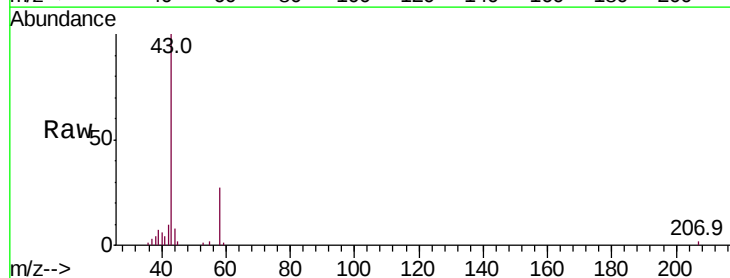
Tot Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

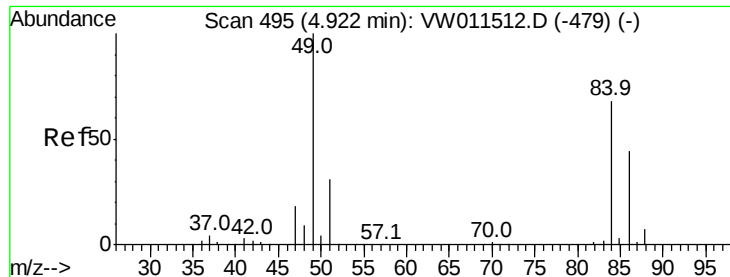


#16

Acetone
Concen: 22.431 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Tgt Ion: 43 Resp: 17016
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5

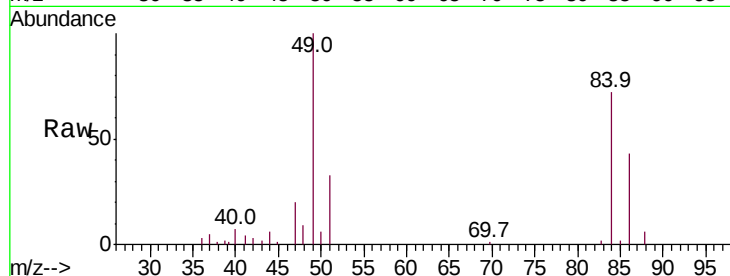




#20
Methvlene Chloride
Concen: 5.125 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	84	Resp:	13407
Ion	Ratio	Lower	Upper
84	100		
49	138.0	117.8	176.6
51	46.1	37.0	55.4
86	59.1	51.8	77.8



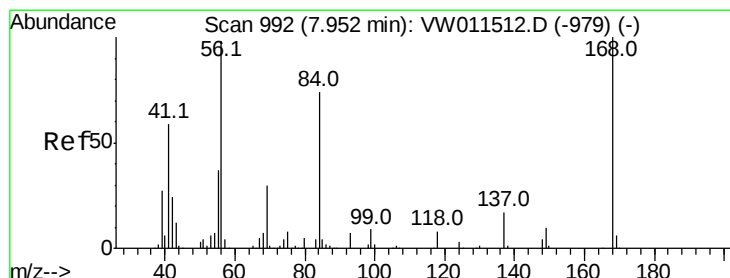
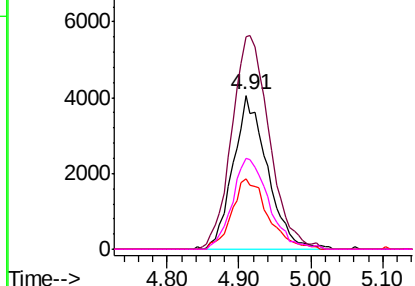
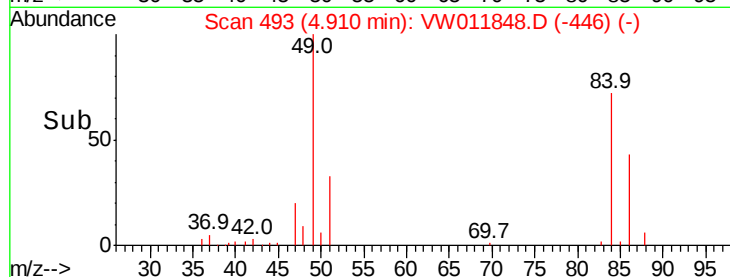
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

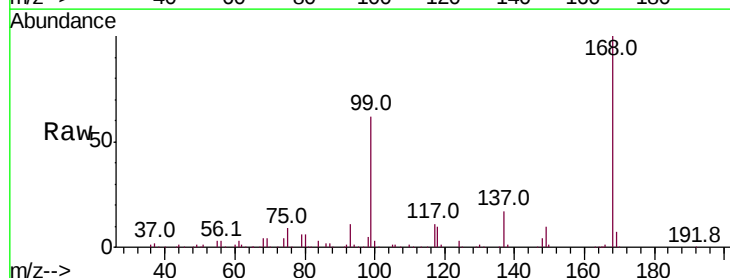
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Tgt Ion:	56	Resp:	5348
Ion	Ratio	Lower	Upper
56	100		
69	168.0	24.3	36.5#
84	114.5	60.4	90.6#

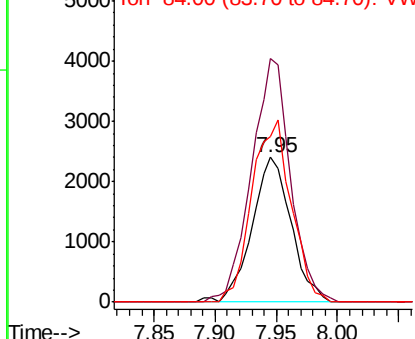
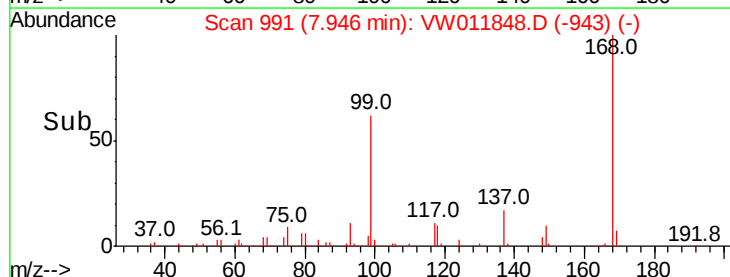


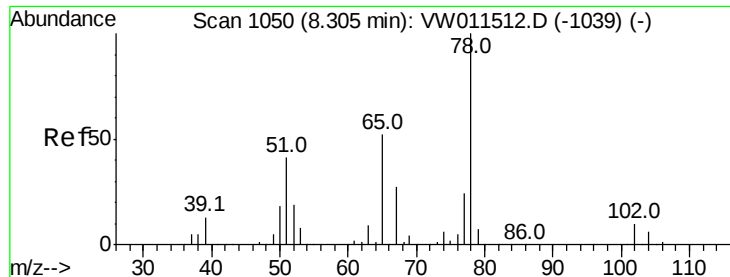
Abundance

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

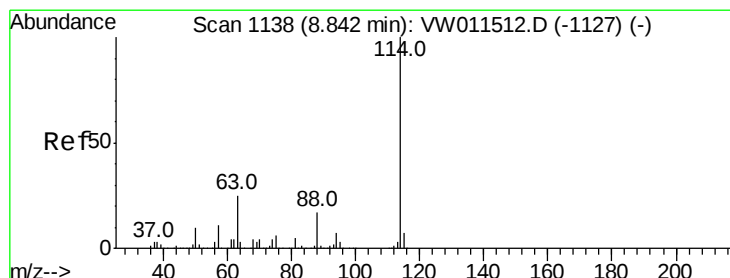
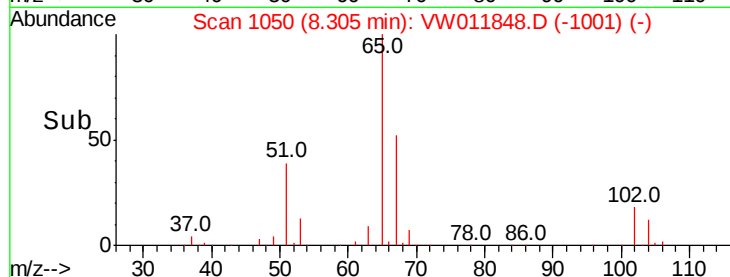
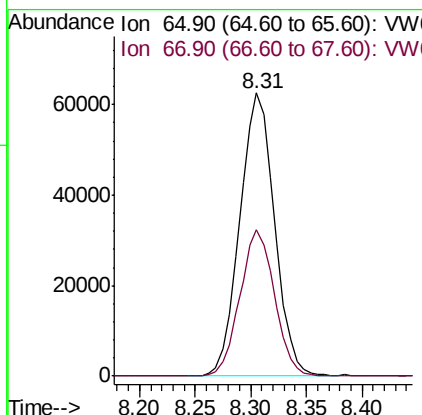
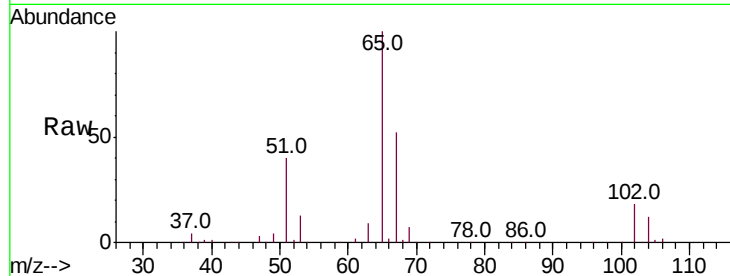




#33
 1,2-Dichloroethane-d4
 Concen: 56.939 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011848.D
 Acq: 12 Aug 2019 13:33

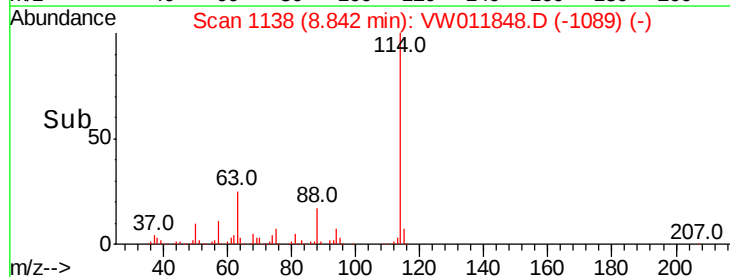
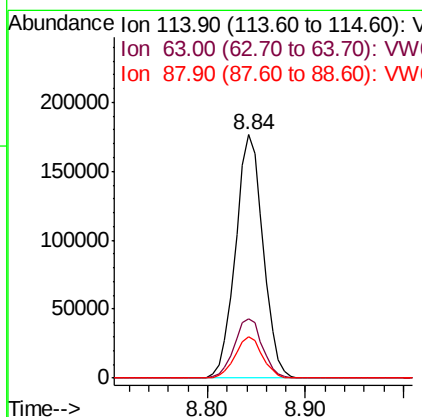
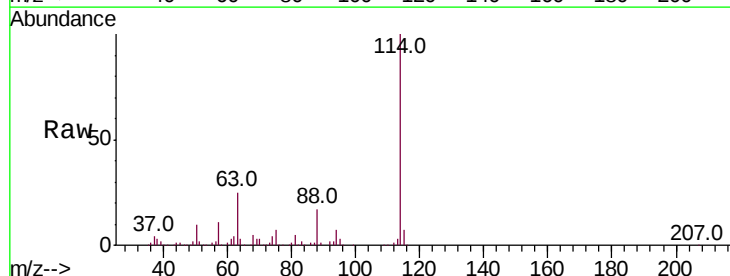
Instrument :
 MSVOA_W
 ClientSampleId :

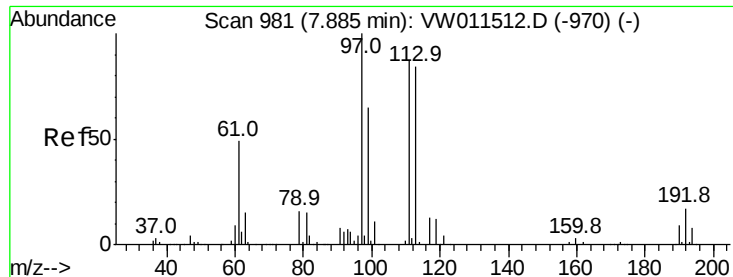
Tot Ion: 65 Resp: 135787
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011848.D
 Acq: 12 Aug 2019 13:33

Tgt Ion: 114 Resp: 345119
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.9 0.0 33.8

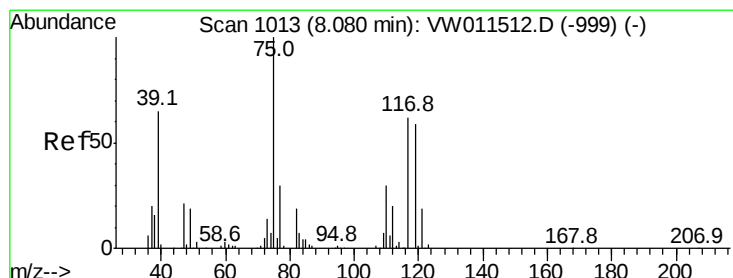
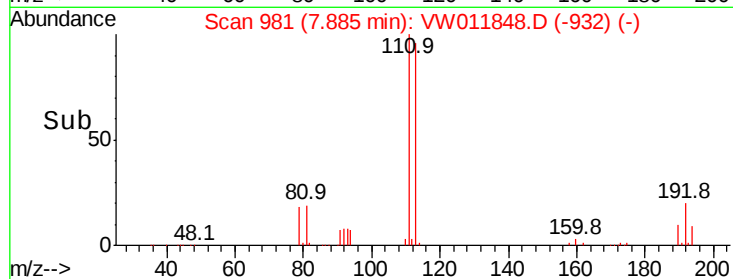
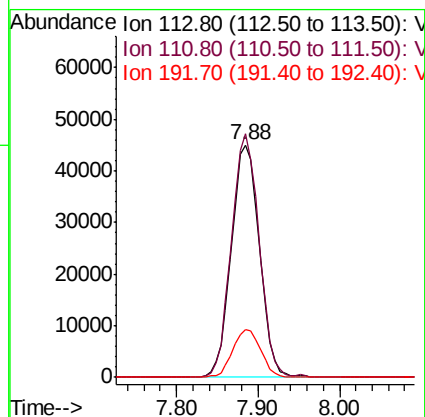
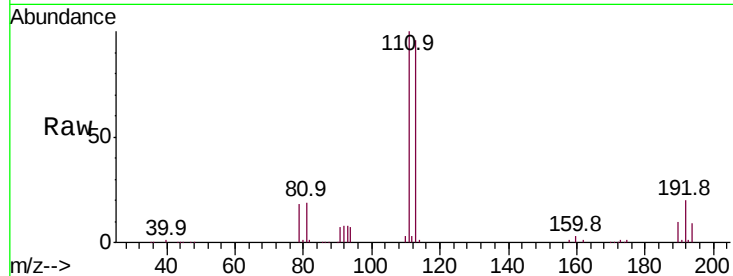




#35
 Dibromofluoromethane
 Concen: 55.323 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011848.D
 Acq: 12 Aug 2019 13:33

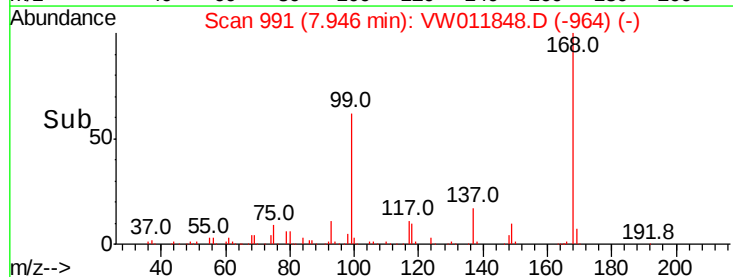
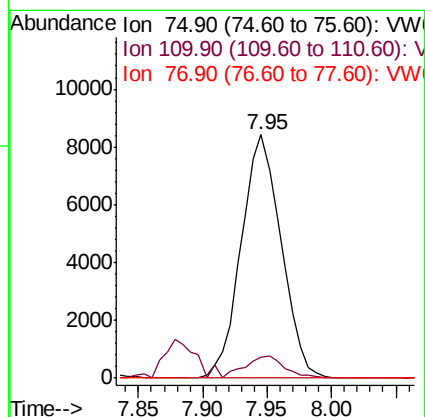
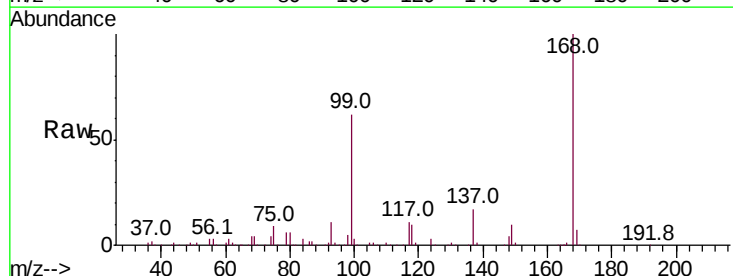
Instrument :
 MSVOA_W
 ClientSampled :

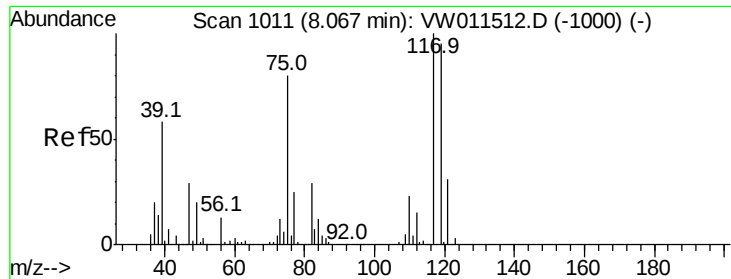
Tot Ion:113 Resp: 107116
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.6 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.037 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011848.D
 Acq: 12 Aug 2019 13:33

Tgt Ion: 75 Resp: 18076
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.855 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011848.D

Acq: 12 Aug 2019 13:33

Instrument :

MSVOA_W

ClientSampleId :

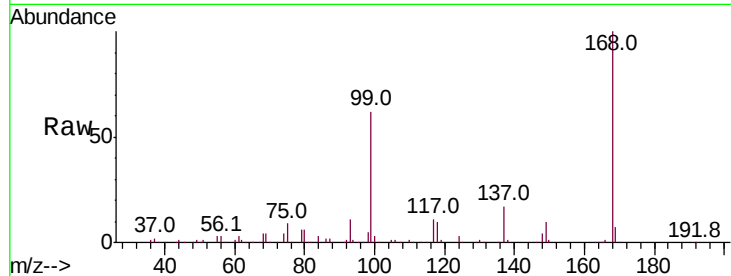
Tot Ion:117 Resp: 21059

Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

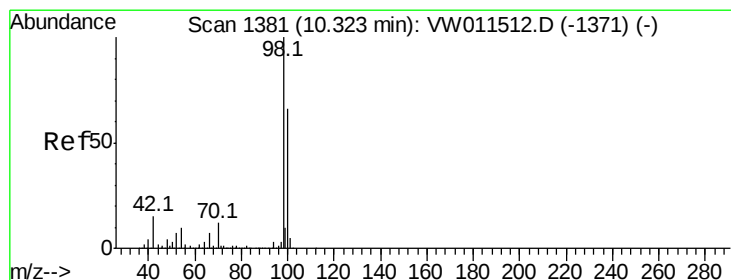
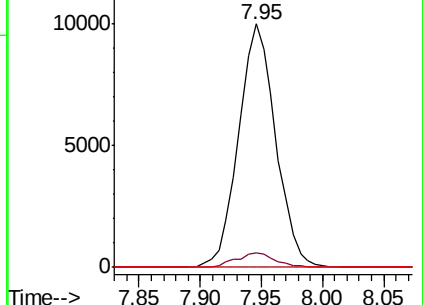
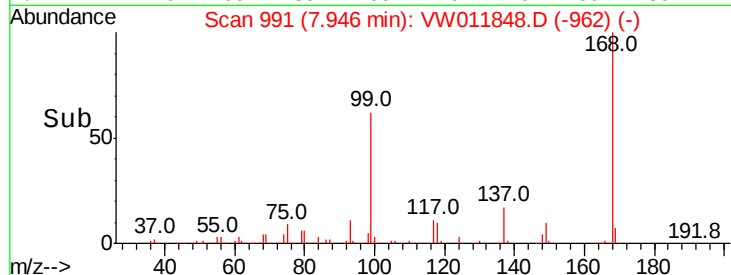
121 0.0 24.7 37.1#



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: 53.691 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011848.D

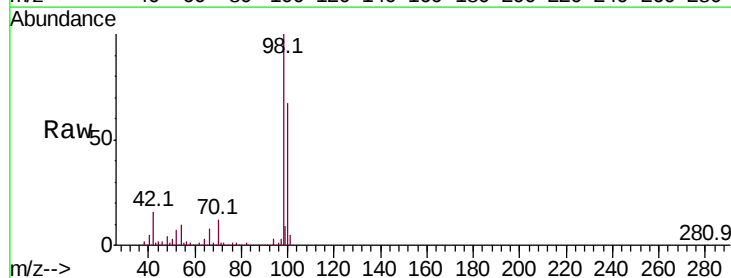
Acq: 12 Aug 2019 13:33

Tgt Ion: 98 Resp: 425625

Ion Ratio Lower Upper

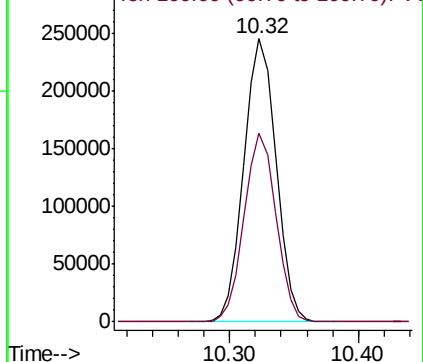
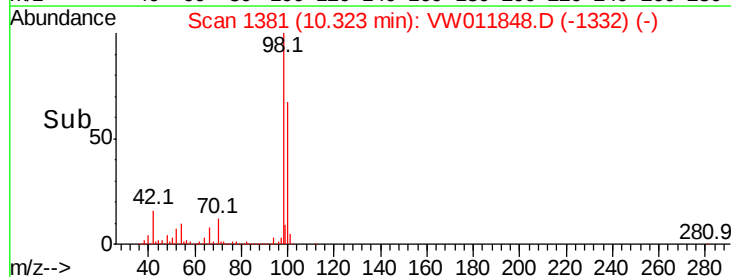
98 100

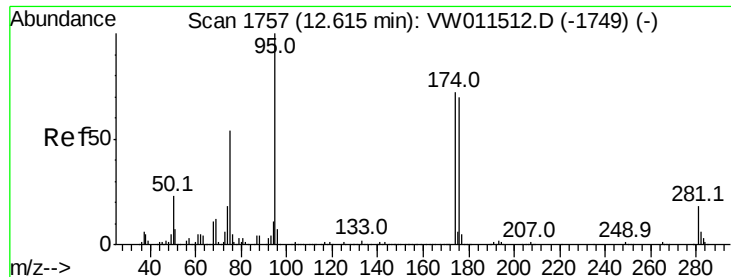
100 65.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

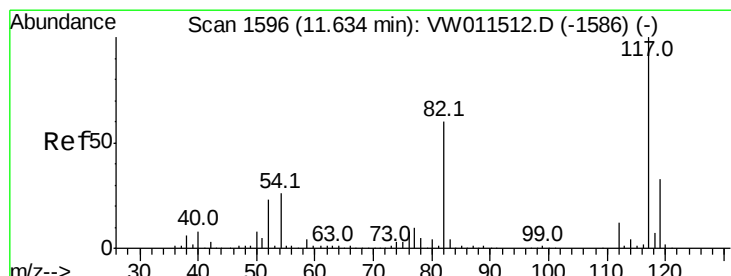
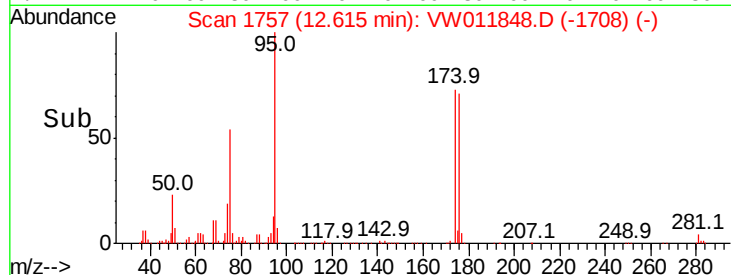
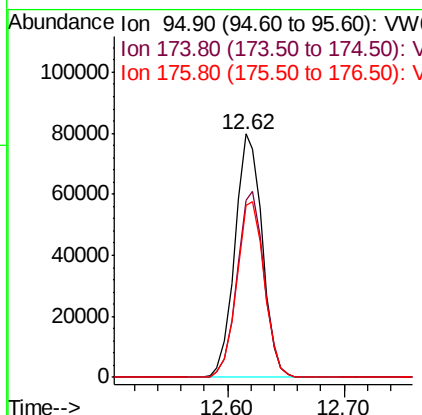
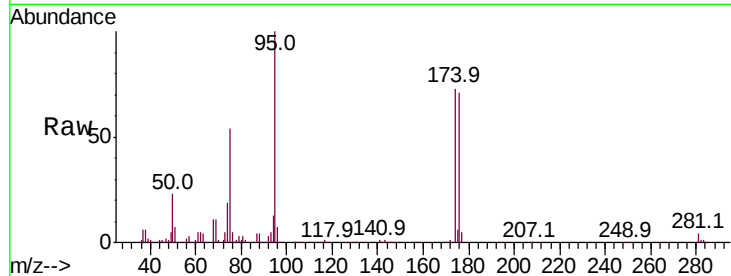




#62
4-Bromofluorobenzene
Concen: 46.104 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

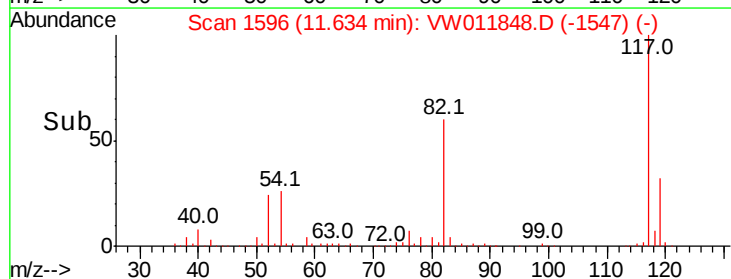
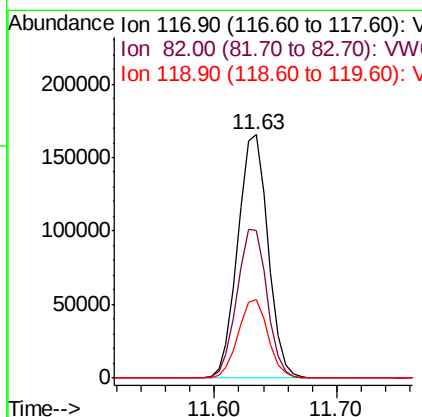
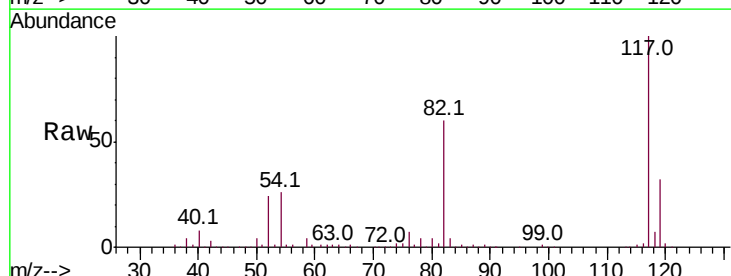
Instrument :
MSVOA_W
ClientSampleId :

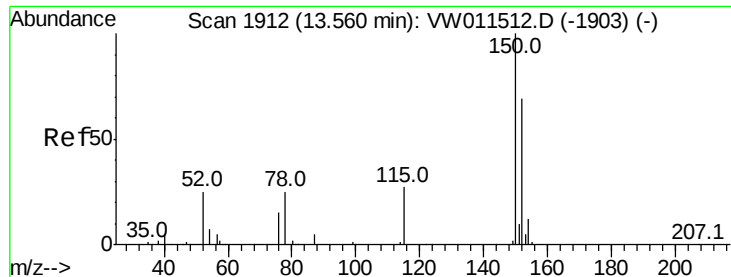
Tot Ion: 95 Resp: 130301
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.2
176 73.2 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Tgt Ion: 117 Resp: 283492
Ion Ratio Lower Upper
117 100
82 60.4 47.9 71.9
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: VW011848.D

Acq: 12 Aug 2019 13:33

Instrument :

MSVOA_W

ClientSampleId :

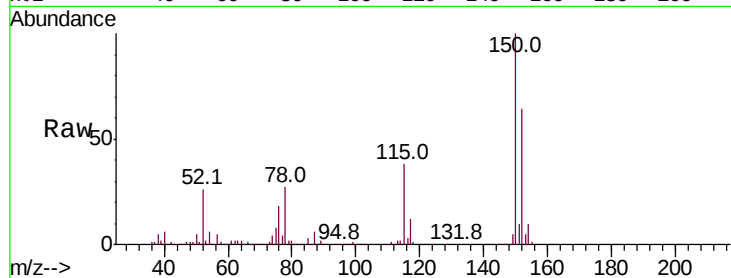
Tot Ion:152 Resp: 108905

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

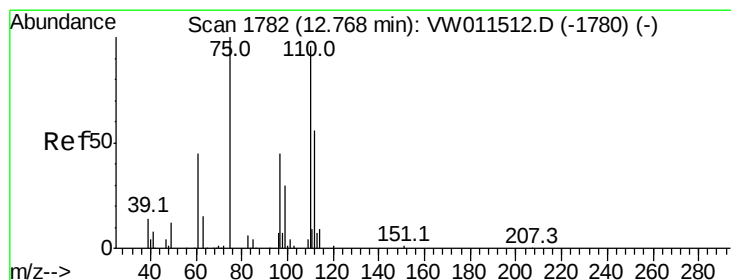
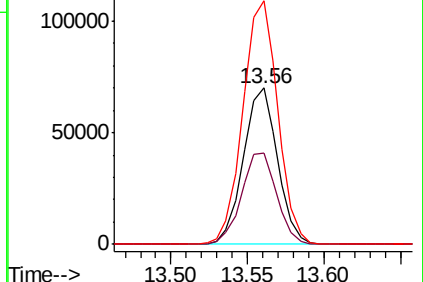
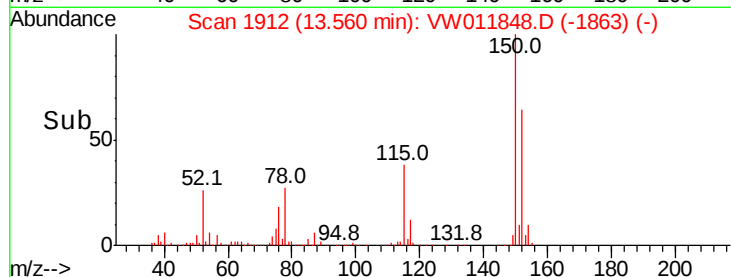
150 158.7 0.0 352.6



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: 61.760 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011848.D

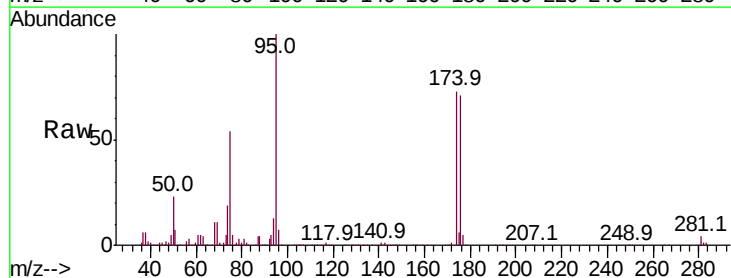
Acq: 12 Aug 2019 13:33

Tgt Ion: 75 Resp: 71169

Ion Ratio Lower Upper

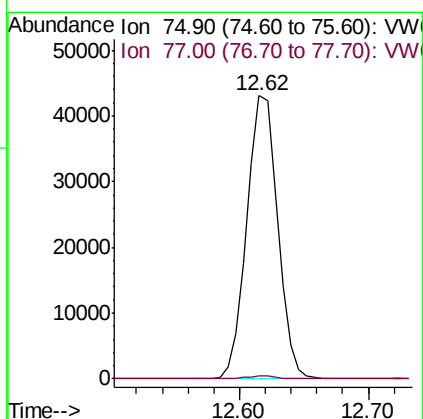
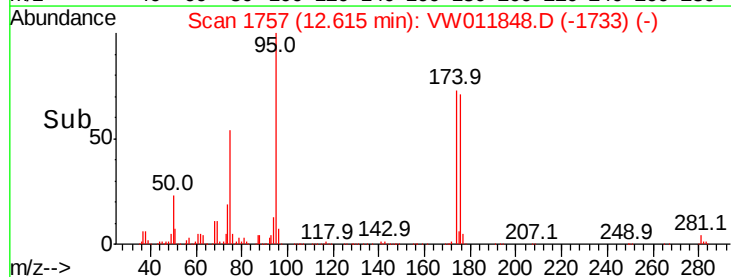
75 100

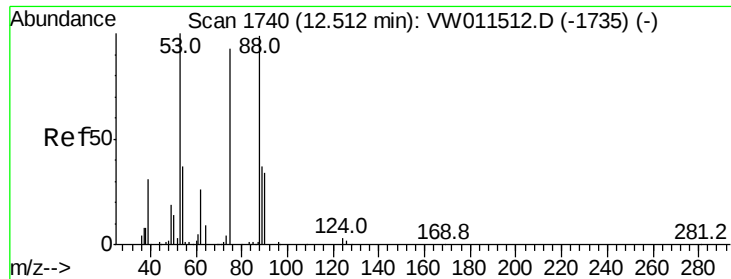
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

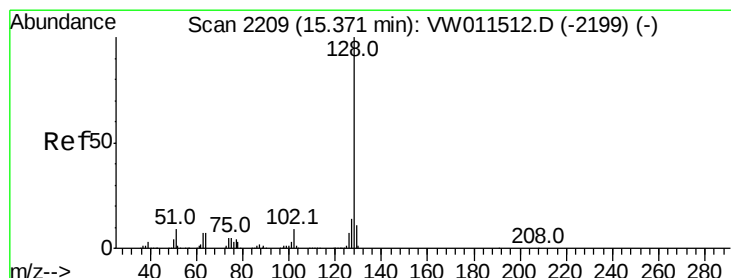
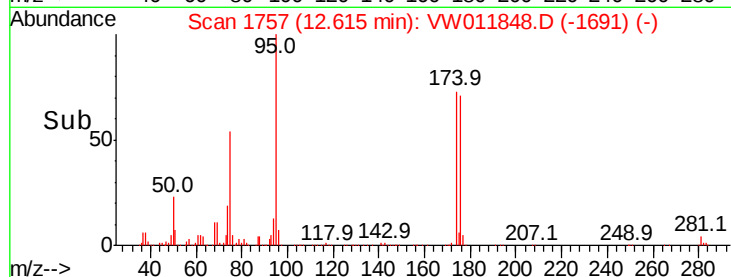
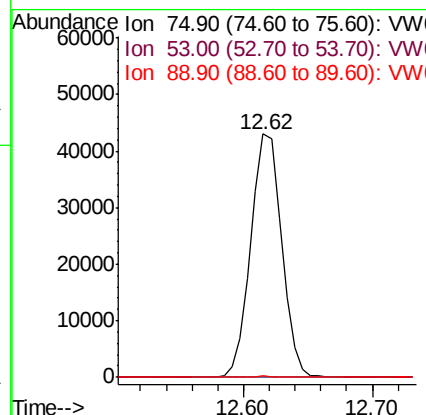
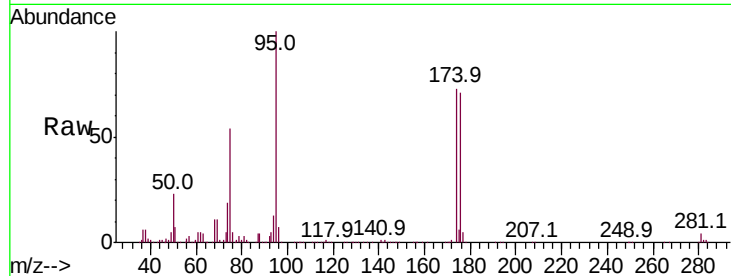




#81
trans-1,4-Dichloro-2-butene
Concen: 142.336 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 71169
Ion Ratio Lower Upper
75 100
53 0.2 88.0 132.0#
89 0.2 35.3 52.9#



#95
Naphthalene
Concen: 2.207 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011848.D
Acq: 12 Aug 2019 13:33

Tgt Ion: 128 Resp: 632
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 0.0 8.6 13.0#

