

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012351.D
 Acq On : 30 Aug 2019 15:42
 Operator : SY/VA
 Sample : K4620-16
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 30 16:29:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124773	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	95654	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.32	98	376183	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.61	95	118627	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.96	85	3857	3.306	ug/l	94
4) Vinyl Chloride	2.35	62	11707	5.292	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	71548	37.891	ug/l	98
11) Tert butyl alcohol	5.19	59	1158	8.543	ug/l #	75
12) 1,1-Dichloroethene	4.04	96	74809	39.362	ug/l	99
13) Acrolein	3.89	56	253	1.983	ug/l	95
16) Acetone	4.12	43	41523	72.118	ug/l	99
17) Carbon Disulfide	4.37	76	7018	1.222	ug/l	96
18) Methyl Acetate	4.68	43	5357	3.757	ug/l	97
20) Methylene Chloride	4.90	84	13669	6.280	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	119231	58.503	ug/l	99
24) 1,1-Dichloroethane	6.21	63	126670	30.890	ug/l	99
25) 2-Butanone	7.18	43	19958	25.509	ug/l #	1
27) cis-1,2-Dichloroethene	7.16	96	15000772	6889.116	ug/l	89
29) Tetrahydrofuran	7.54	42	1745	3.717	ug/l #	88
31) Cyclohexane	7.95	56	5068	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16417	5.187	ug/l #	52
37) Ethyl Acetate	7.18	43	19958	11.508	ug/l #	1
38) Carbon Tetrachloride	7.95	117	19503	7.120	ug/l #	18
39) Methylcyclohexane	9.09	83	51110	14.375	ug/l #	1
40) Benzene	8.32	78	29921	3.462	ug/l	97
42) 1,2-Dichloroethane	8.40	62	6676	2.465	ug/l	94
44) Trichloroethene	9.09	130	3833887	1824.975	ug/l	97
45) 1,2-Dichloropropane	9.09	63	10621	4.567	ug/l #	1
48) Methyl methacrylate	9.41	41	2280	1.491	ug/l #	38
55) 1,1,2-Trichloroethane	10.79	97	1945	1.328	ug/l #	81
60) Dibromochloromethane	10.86	129	99780	61.186	ug/l #	11
64) Tetrachloroethene	10.86	164	114701	68.343	ug/l	99
65) Chlorobenzene	11.66	112	12900	2.531	ug/l	99
76) 1,2,3-Trichloropropane	12.61	75	64119	65.862	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	64119	144.404	ug/l #	6
95) Naphthalene	15.37	128	316	4.398	ug/l #	69

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
Data File : VW012351.D
Acq On : 30 Aug 2019 15:42
Operator : SY/VA
Sample : K4620-16
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 30 16:29:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

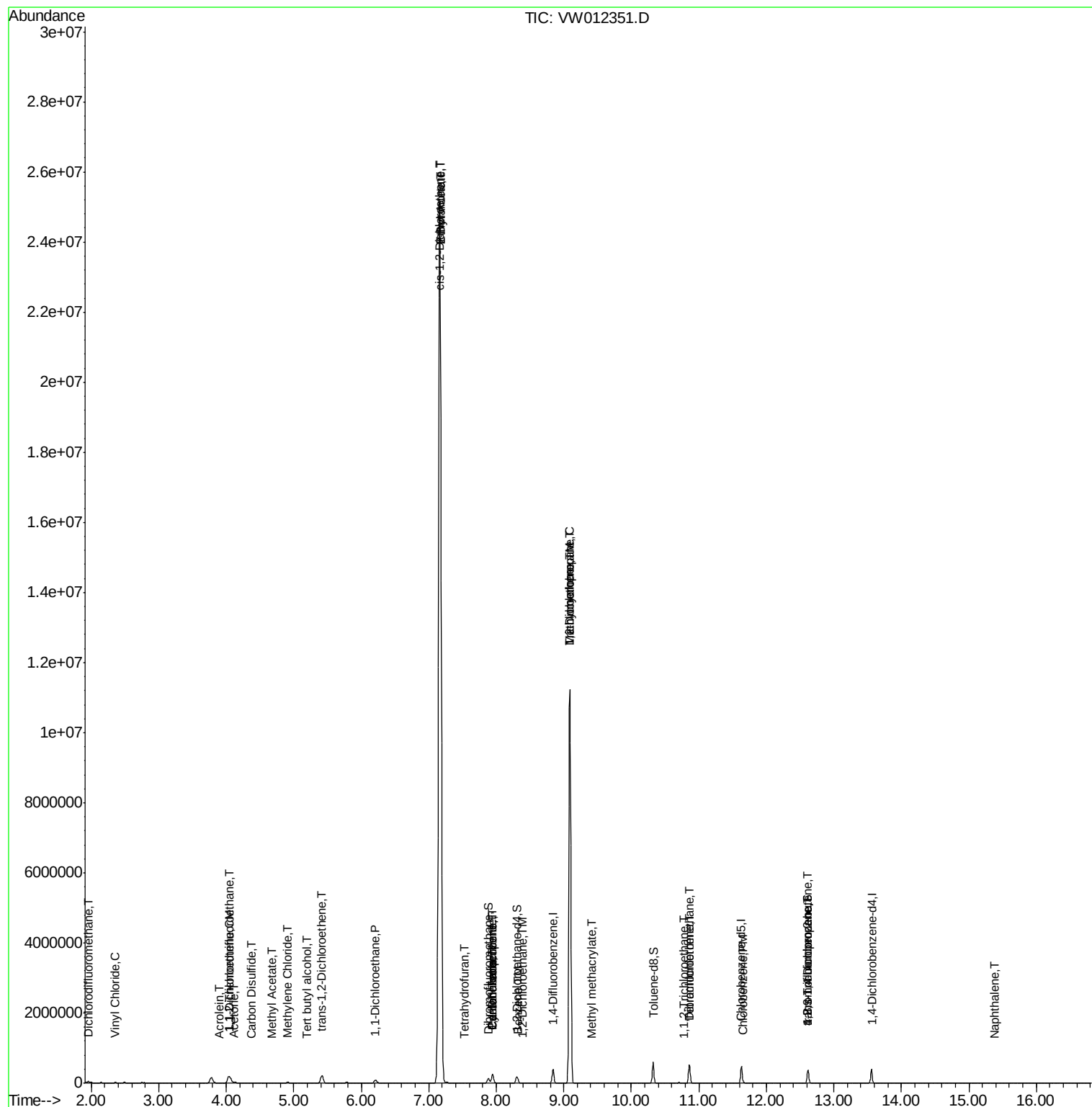
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

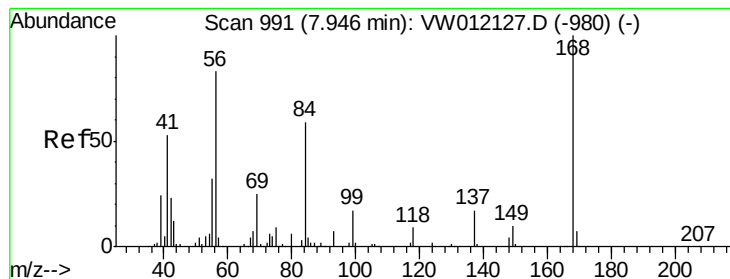
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083019\
Data File : VW012351.D
Acq On : 30 Aug 2019 15:42
Operator : SY/VA
Sample : K4620-16
Misc : 6.47G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 30 16:29:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

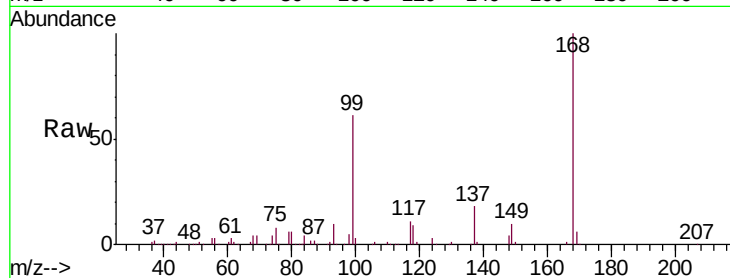
ClientSampleId :

Tot Ion:168 Resp: 189476

Ion Ratio Lower Upper

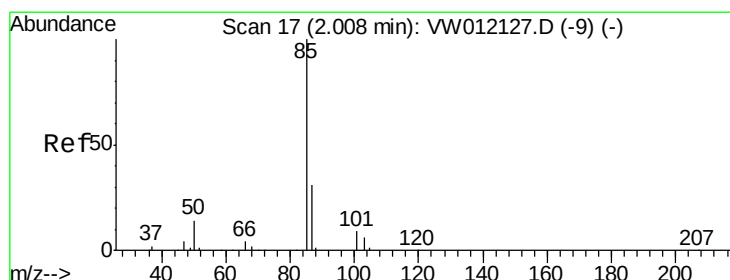
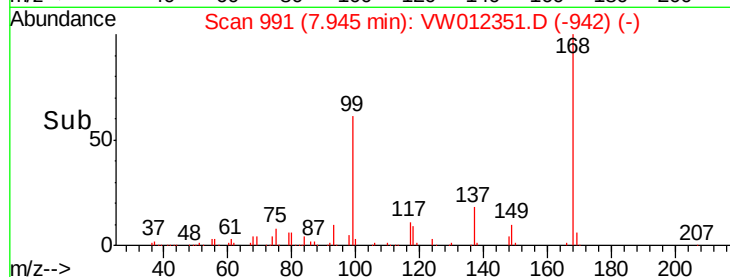
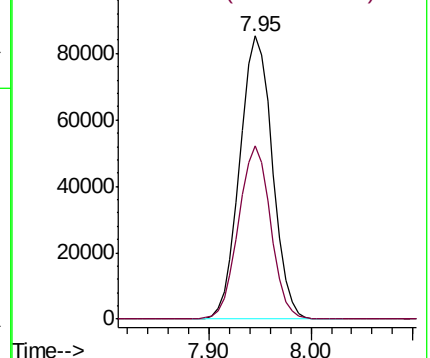
168 100

99 61.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.306 ug/l

RT: 1.96 min Scan# 9

Delta R.T. -0.05 min

Lab File: VW012351.D

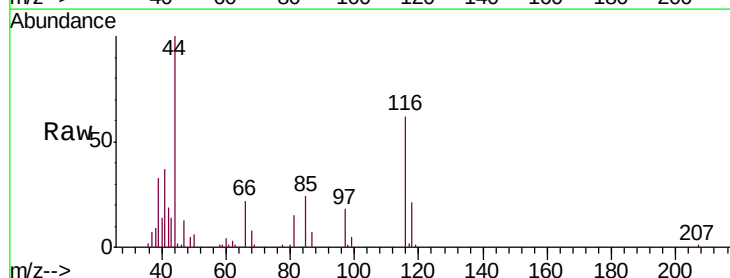
Acq: 30 Aug 2019 15:42

Tgt Ion: 85 Resp: 3857

Ion Ratio Lower Upper

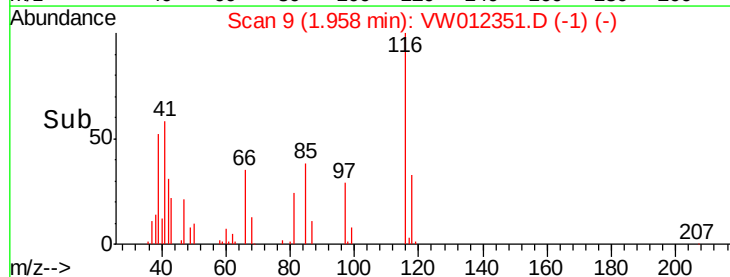
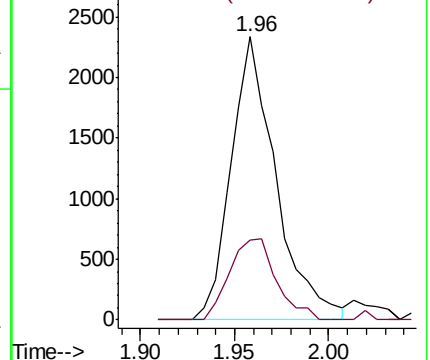
85 100

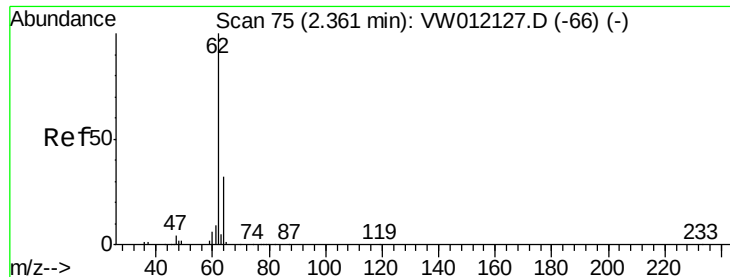
87 28.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#4

Vinyl Chloride

Concen: 5.292 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

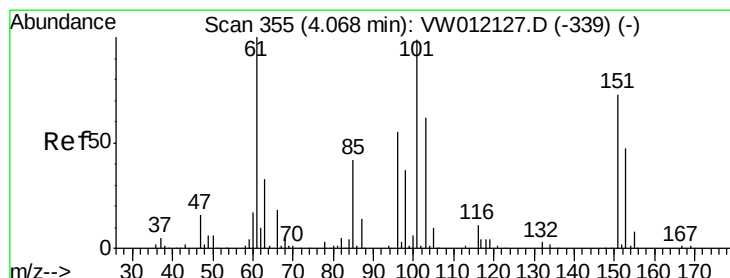
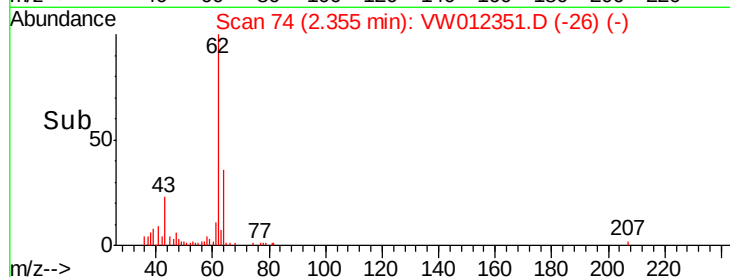
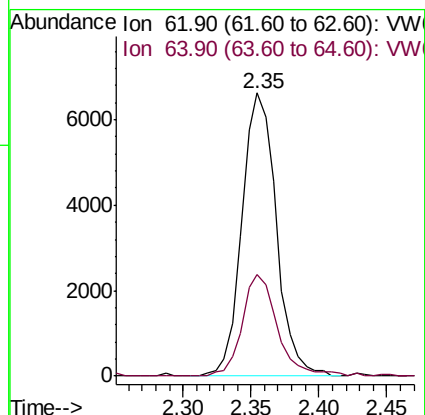
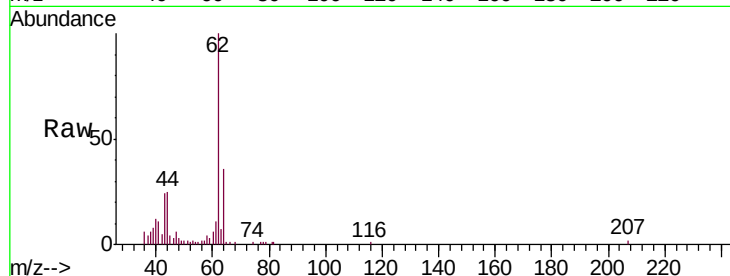
ClientSampleId :

Tot Ion: 62 Resp: 11707

Ion Ratio Lower Upper

62 100

64 36.0 25.3 37.9



#9

1,1,2-Trichlorotrifluoroethane

Concen: 37.891 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

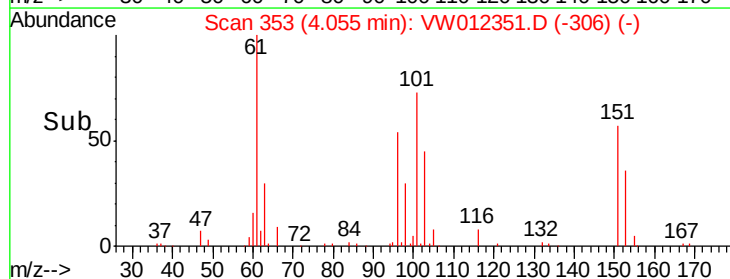
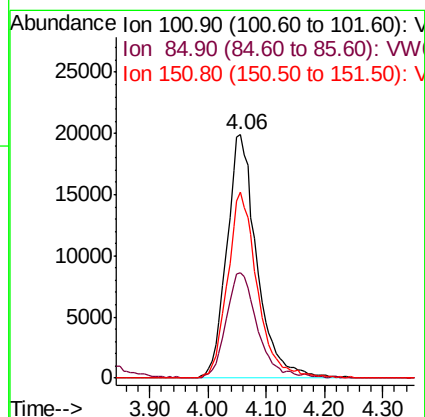
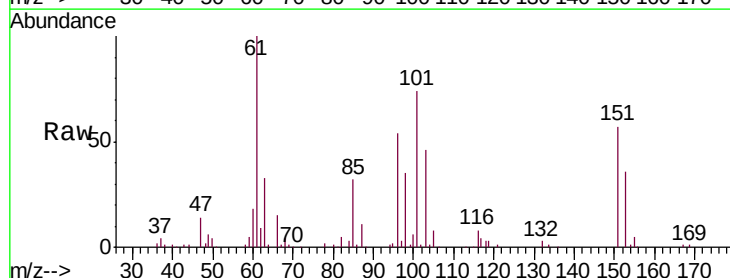
Tgt Ion: 101 Resp: 71548

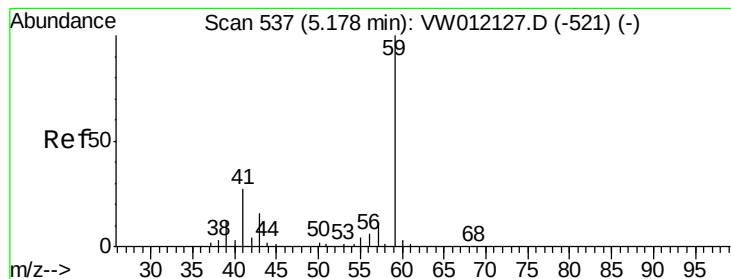
Ion Ratio Lower Upper

101 100

85 45.2 35.8 53.6

151 75.8 58.6 87.8



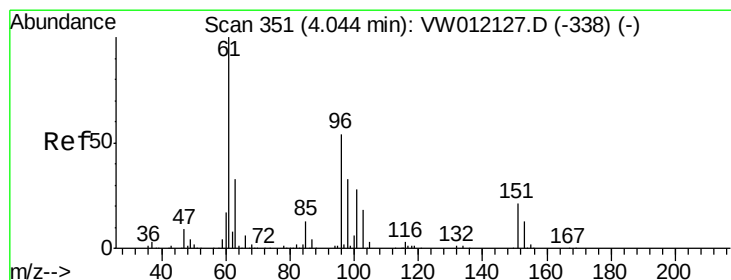
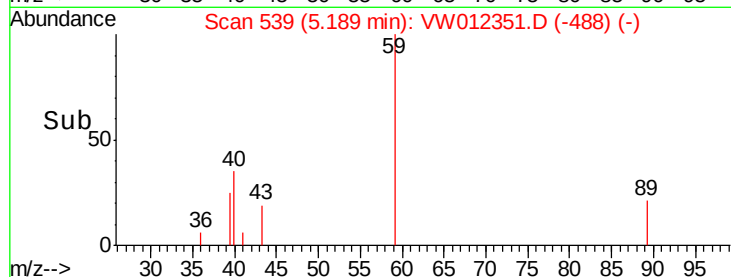
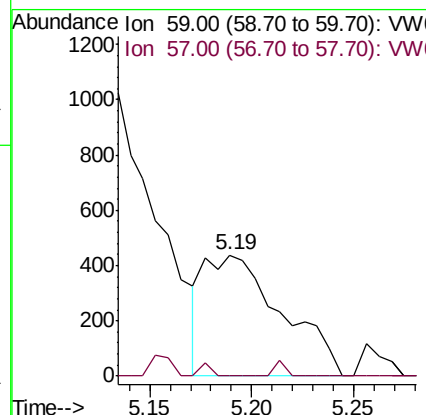
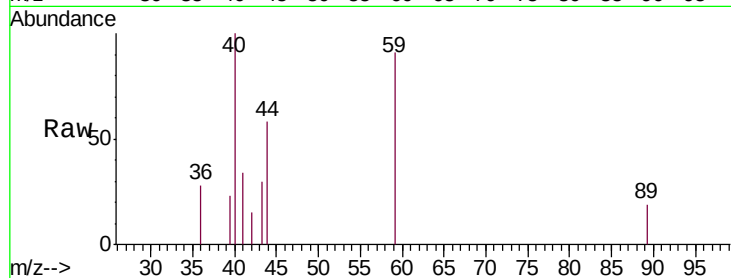


#11

Tert butyl alcohol
 Concen: 8.543 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

Instrument :
 MSVOA_W
 ClientSampled :

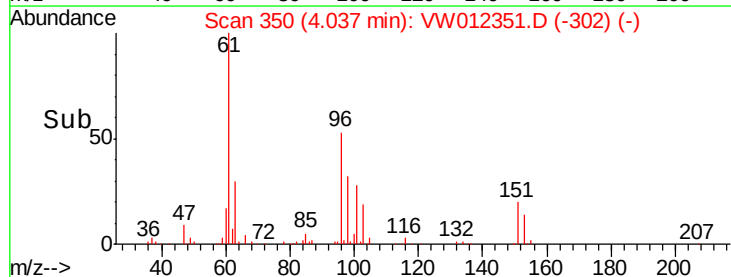
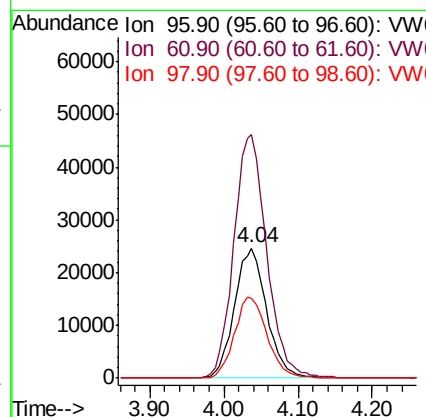
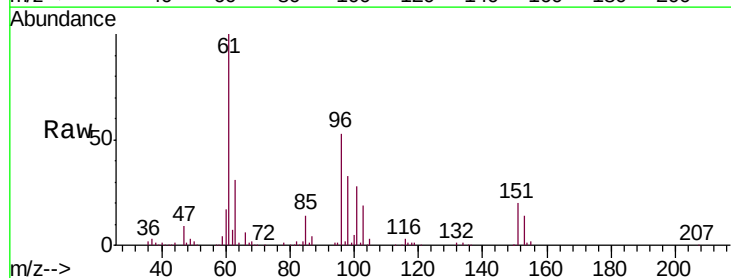
Tot Ion: 59 Resp: 1158
 Ion Ratio Lower Upper
 59 100
 57 1.6 9.0 13.4#

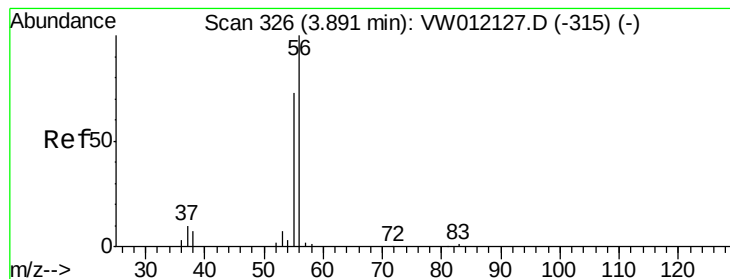


#12

1,1-Dichloroethene
 Concen: 39.362 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

Tgt Ion: 96 Resp: 74809
 Ion Ratio Lower Upper
 96 100
 61 187.5 149.1 223.7
 98 61.6 49.4 74.2





#13

Acrolein

Concen: 1.983 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

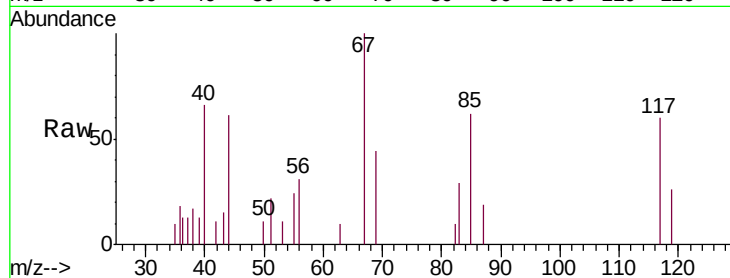
ClientSampled :

Tot Ion: 56 Resp: 253

Ion Ratio Lower Upper

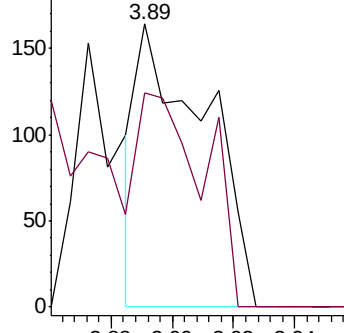
56 100

55 73.9 55.8 83.8

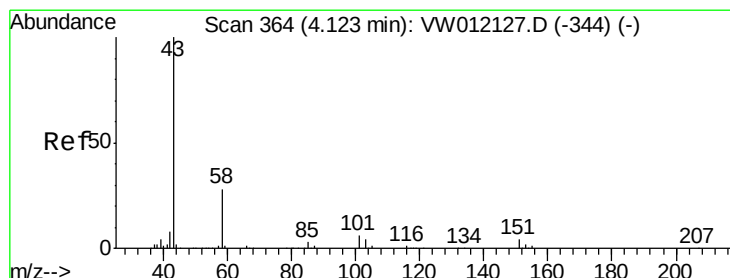
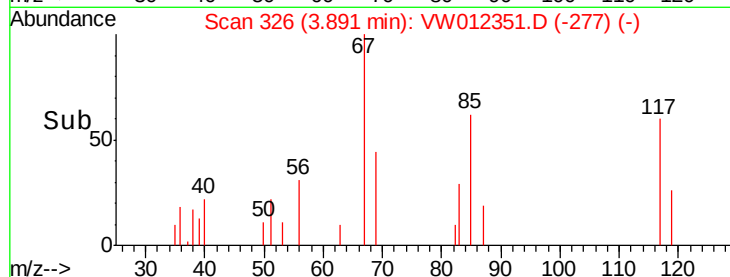


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#16

Acetone

Concen: 72.118 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012351.D

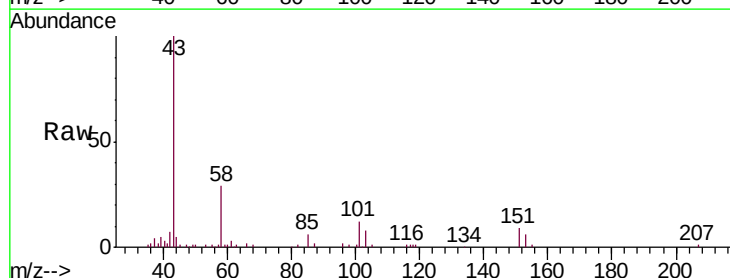
Acq: 30 Aug 2019 15:42

Tgt Ion: 43 Resp: 41523

Ion Ratio Lower Upper

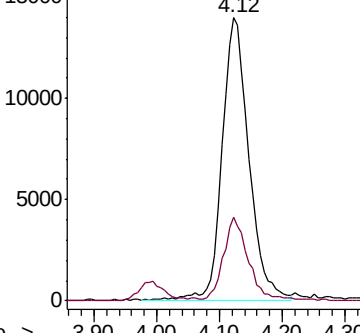
43 100

58 28.5 22.4 33.6

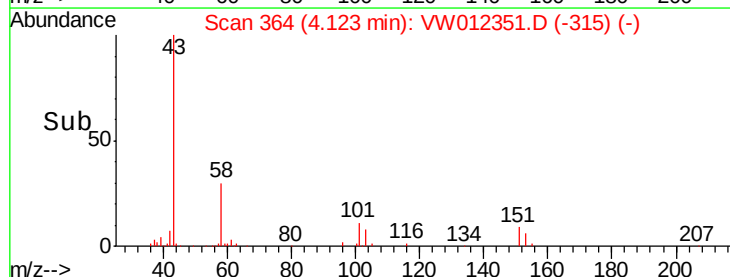


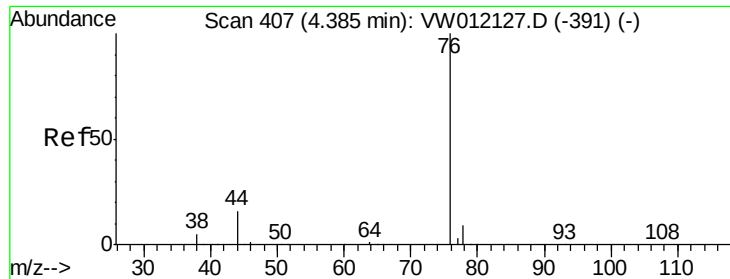
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->

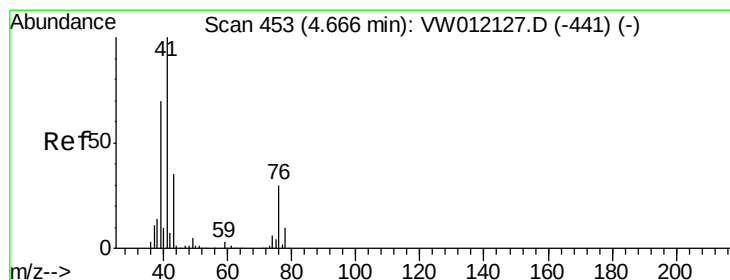
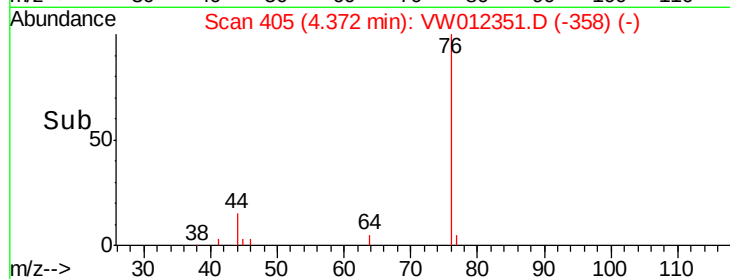
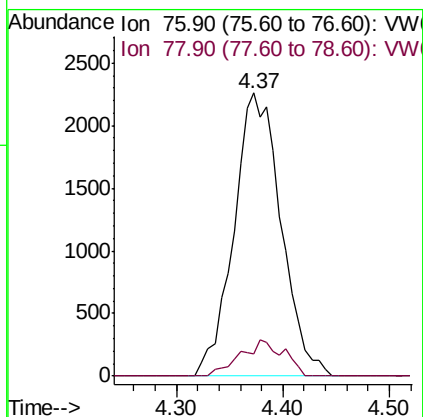
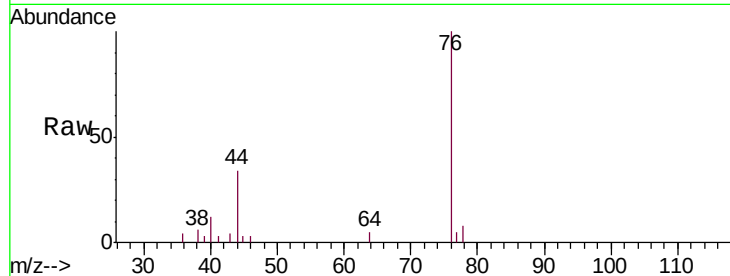




#17
Carbon Disulfide
Concen: 1.222 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

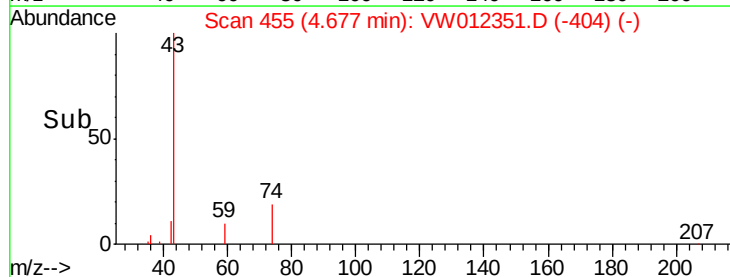
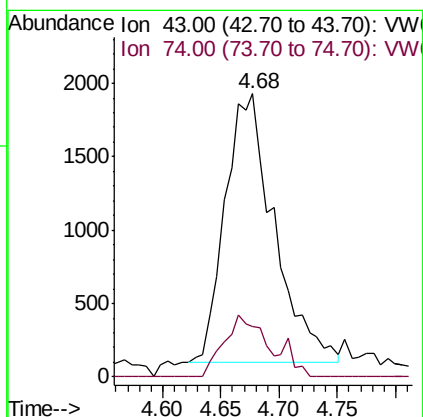
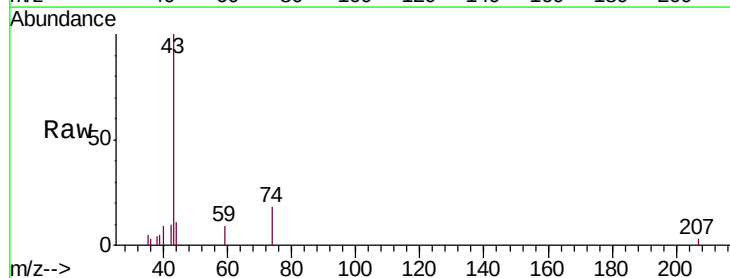
Instrument :
MSVOA_W
ClientSampleId :

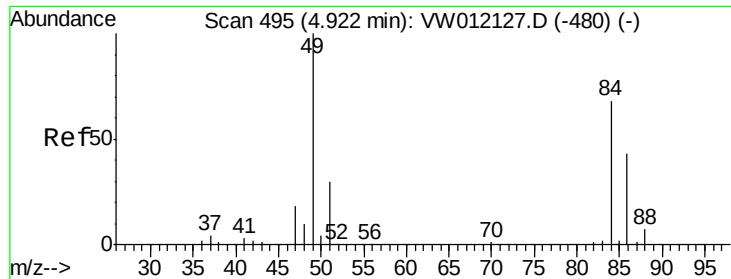
Tot Ion: 76 Resp: 7018
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9



#18
Methyl Acetate
Concen: 3.757 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Tgt Ion: 43 Resp: 5357
Ion Ratio Lower Upper
43 100
74 18.0 15.7 23.5

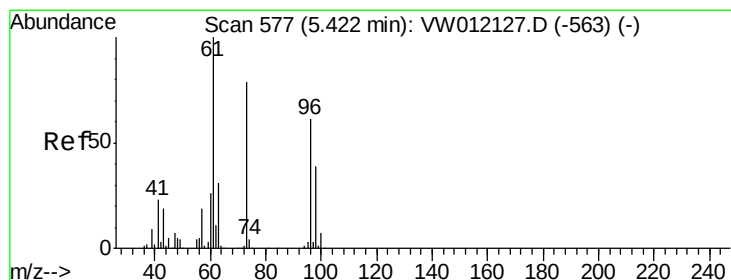
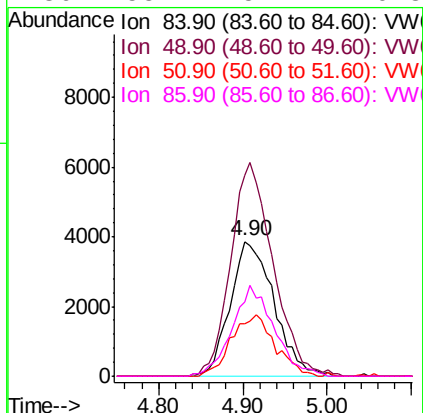
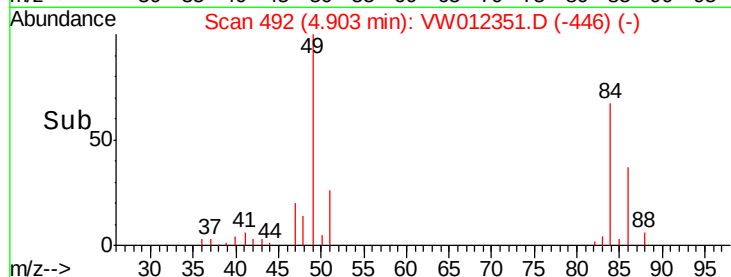
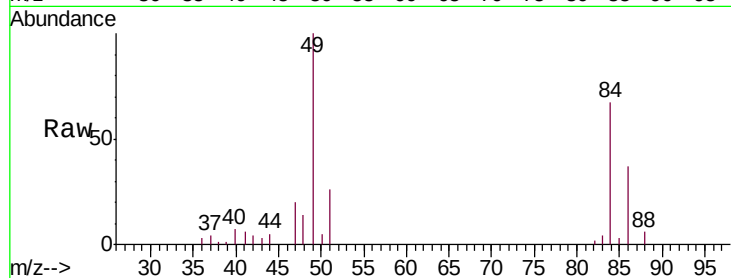




#20
Methylene Chloride
Concen: 6.280 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

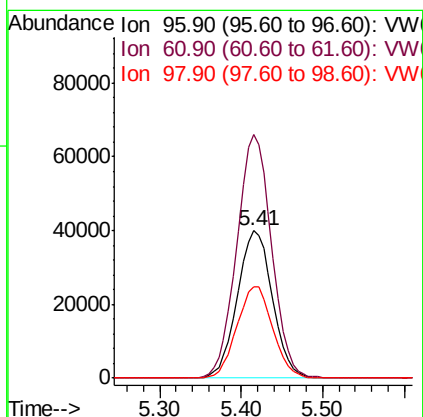
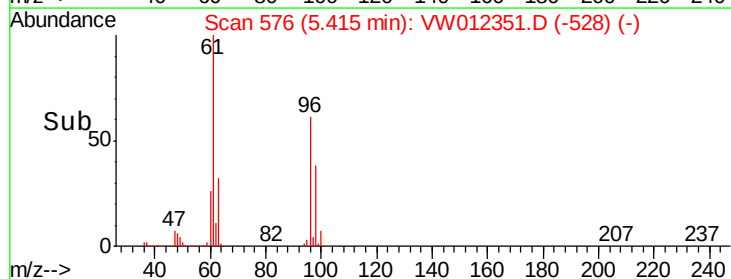
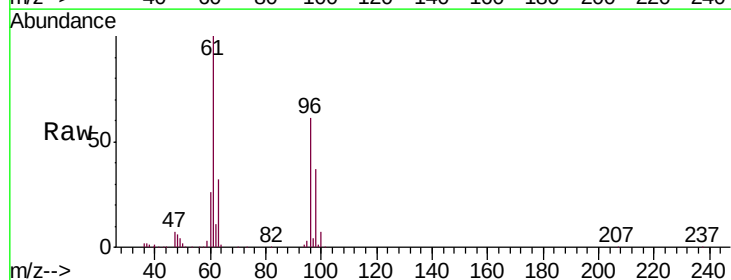
Instrument :
MSVOA_W
ClientSampled :

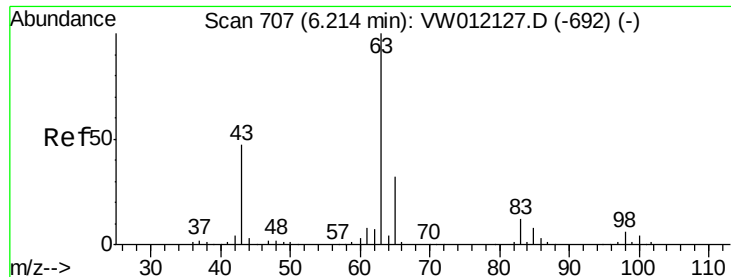
Tot Ion:	84	Resp:	13669
Ion	Ratio	Lower	Upper
84	100		
49	149.1	117.8	176.8
51	39.2	35.6	53.4
86	55.2	51.2	76.8



#21
trans-1,2-Dichloroethene
Concen: 58.503 ug/l
RT: 5.41 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Tgt Ion:	96	Resp:	119231
Ion	Ratio	Lower	Upper
96	100		
61	165.0	131.4	197.0
98	61.9	51.4	77.0





#24

1,1-Dichloroethane

Concen: 30.890 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :
MSVOA_W
ClientSampled :

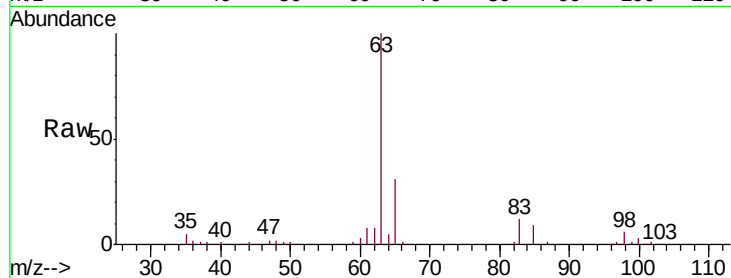
Tot Ion: 63 Resp: 126670

Ion Ratio Lower Upper

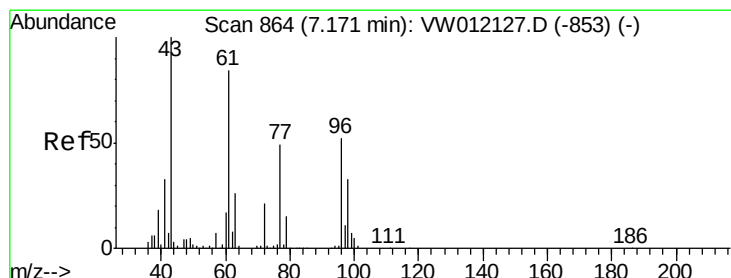
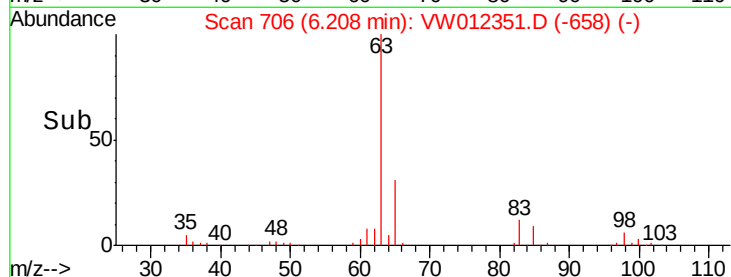
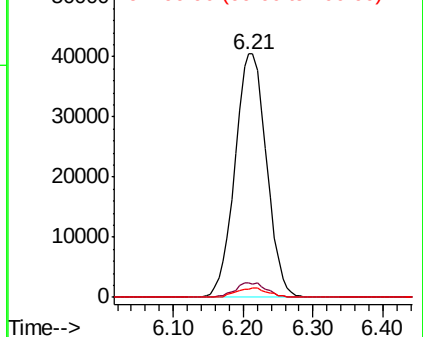
63 100

98 5.8 3.0 9.2

100 3.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 25.509 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012351.D

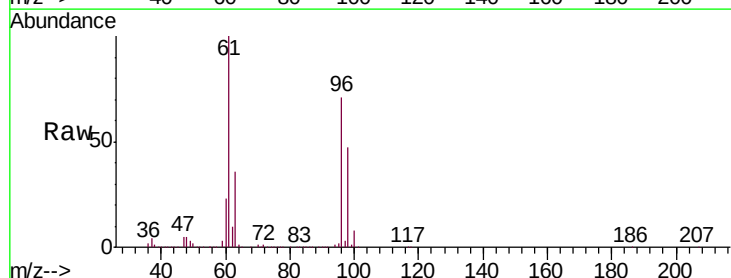
Acq: 30 Aug 2019 15:42

Tgt Ion: 43 Resp: 19958

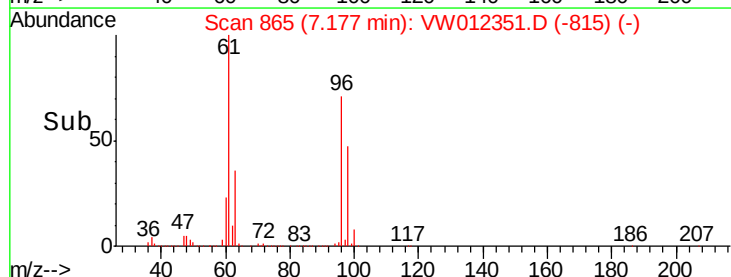
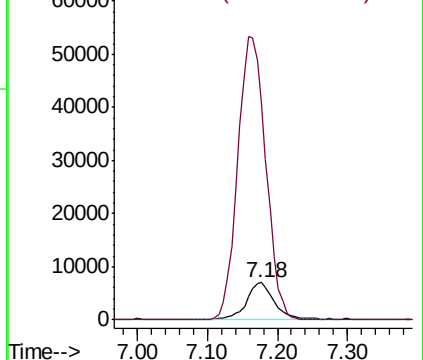
Ion Ratio Lower Upper

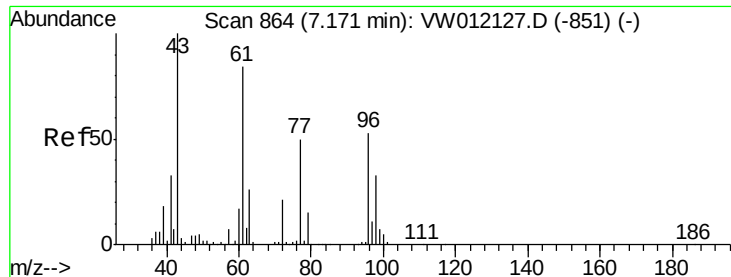
43 100

72 580.5 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



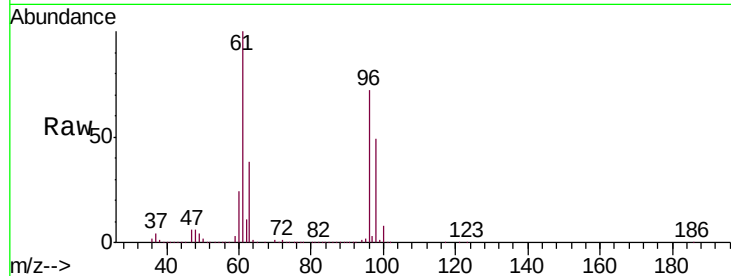


#27

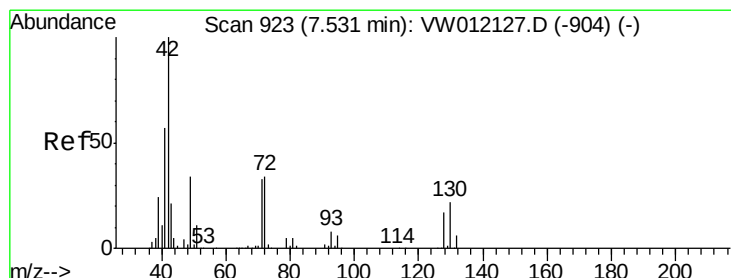
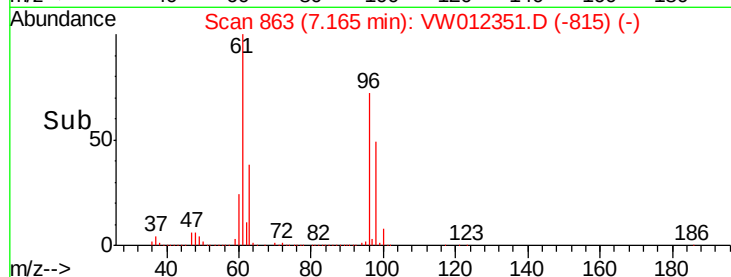
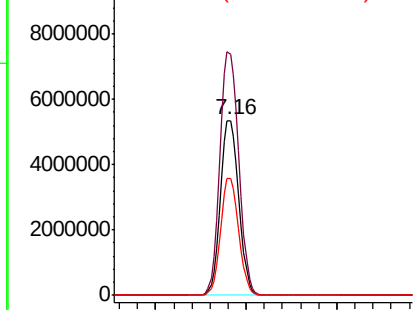
cis-1,2-Dichloroethene
Concen: 6889.116 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 96 Resp:15000772
Ion Ratio Lower Upper
96 100
61 143.7 0.0 326.6
98 65.9 0.0 127.4



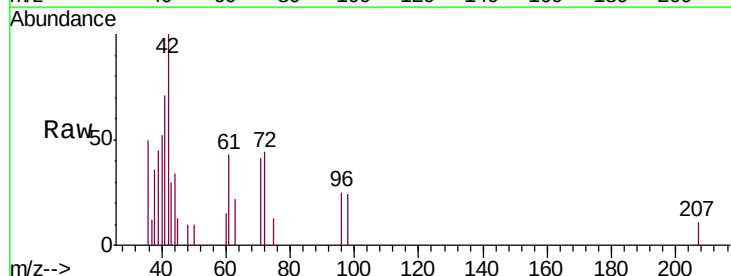
Abundance Ion 95.90 (95.60 to 96.60): VW
1e+07 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



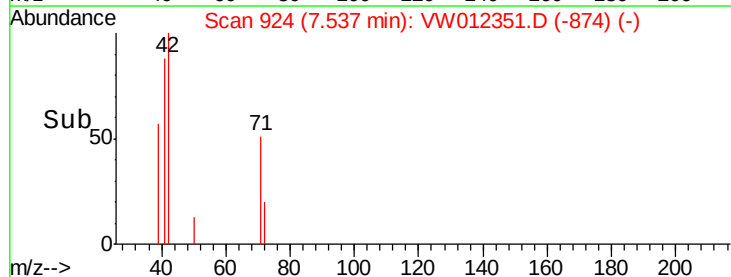
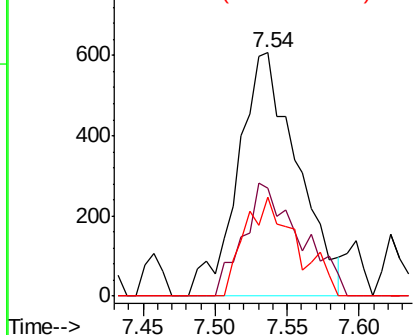
#29

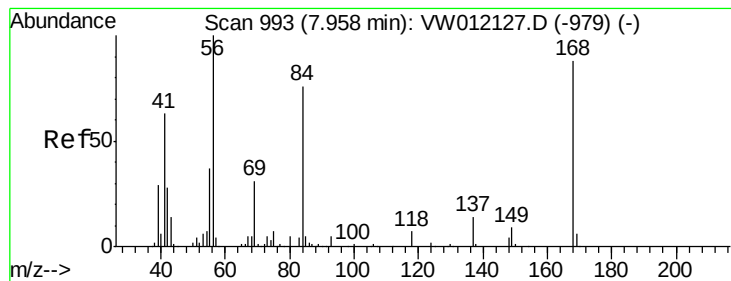
Tetrahydrofuran
Concen: 3.717 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Tgt Ion: 42 Resp: 1745
Ion Ratio Lower Upper
42 100
72 44.2 27.3 40.9#
71 35.6 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW





#31

Cyclohexane

Concen: 1.249 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :
MSVOA_W
ClientSampled :

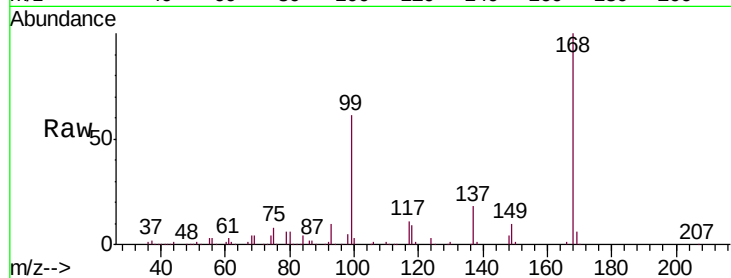
Tot Ion: 56 Resp: 5068

Ion Ratio Lower Upper

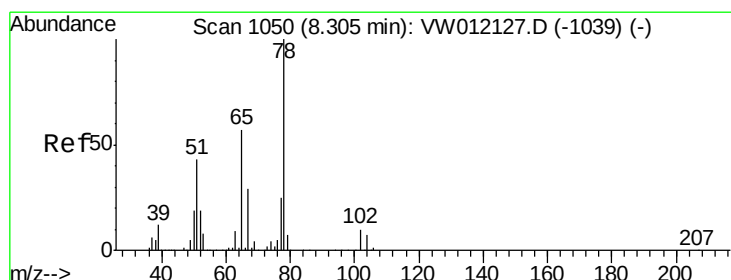
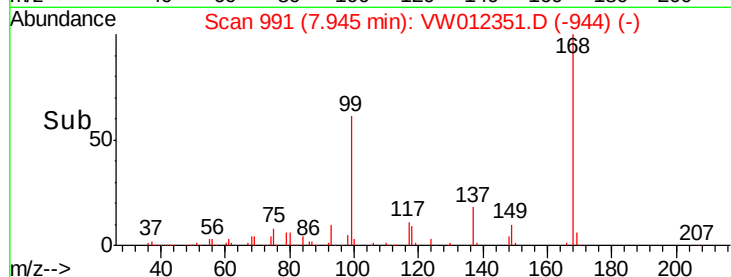
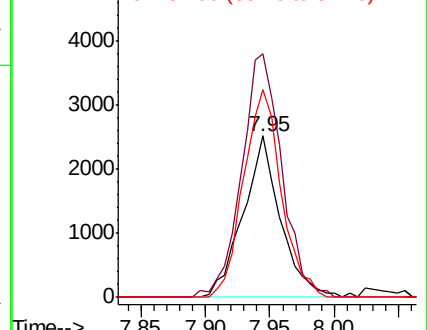
56 100

69 150.9 24.9 37.3#

84 128.8 60.6 90.8#



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: 55.395 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012351.D

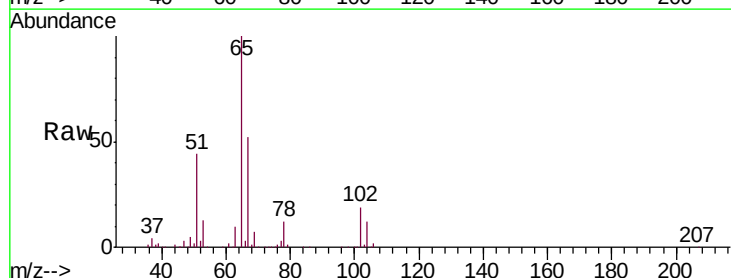
Acq: 30 Aug 2019 15:42

Tgt Ion: 65 Resp: 124773

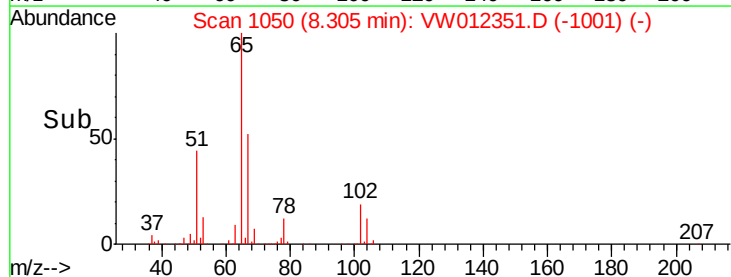
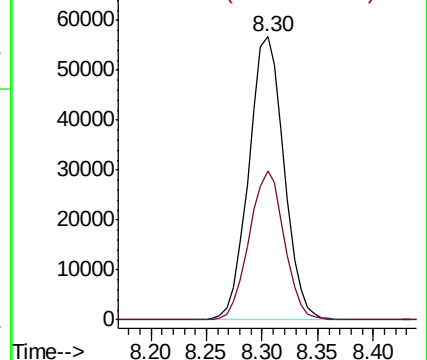
Ion Ratio Lower Upper

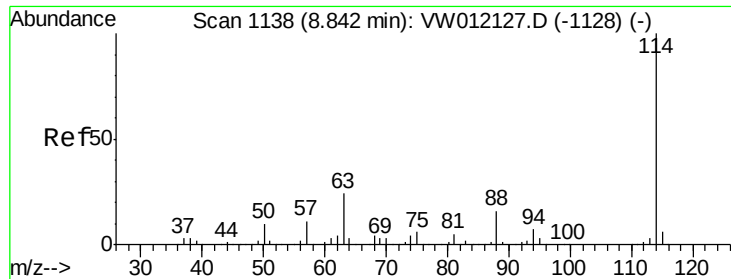
65 100

67 52.5 0.0 102.6



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

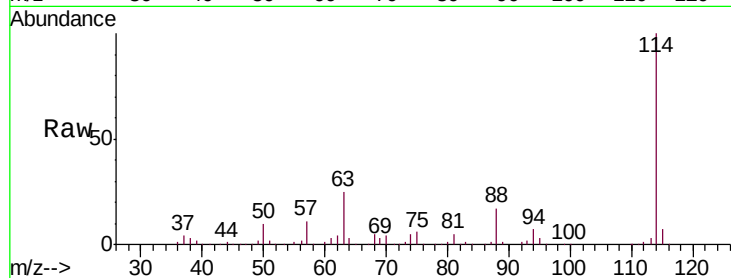




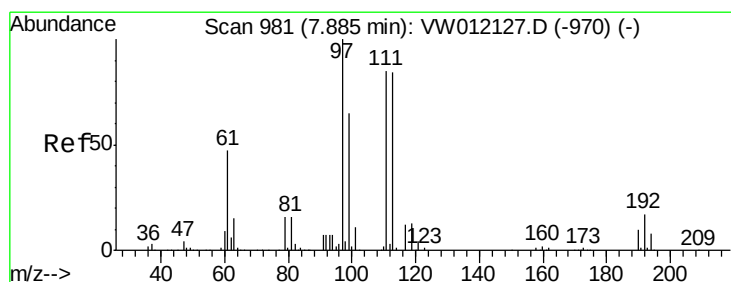
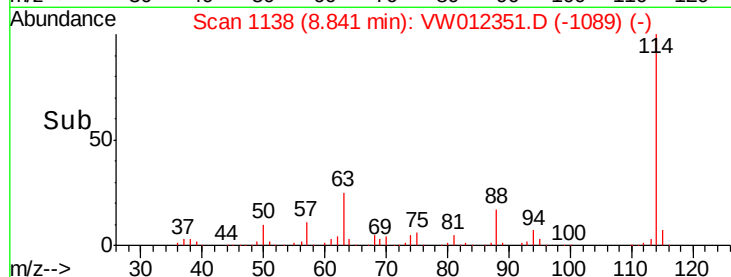
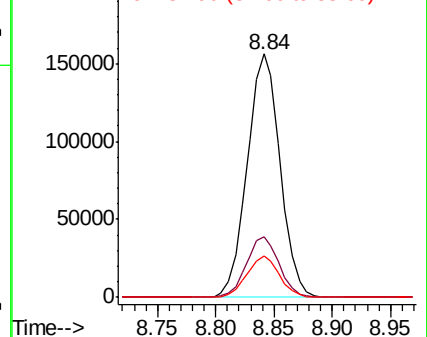
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 306259
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.6
 88 17.0 0.0 32.2

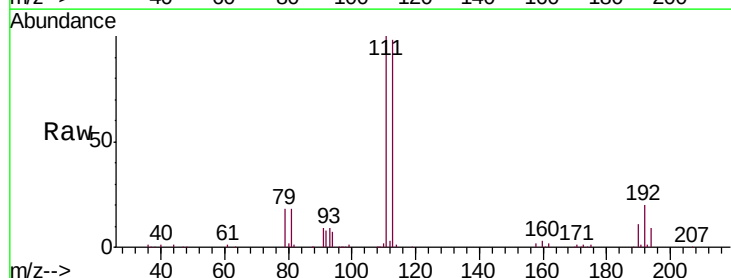


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

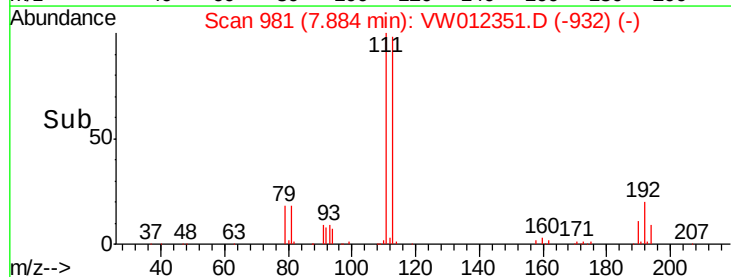
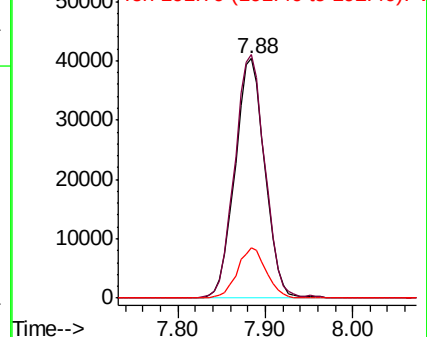


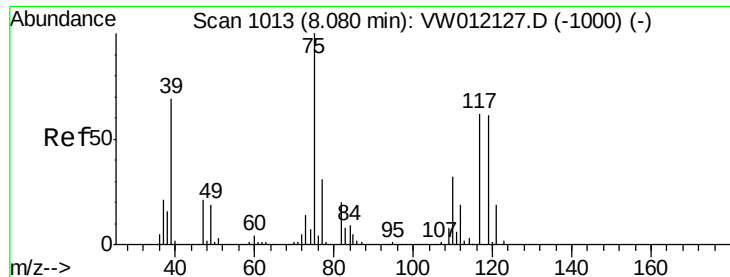
#35
 Dibromofluoromethane
 Concen: 52.325 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

Tgt Ion:113 Resp: 95654
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 20.2 16.2 24.2



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

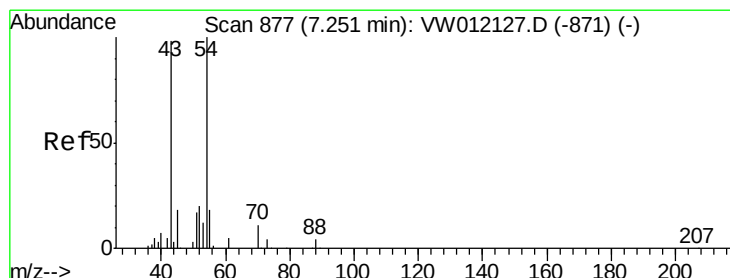
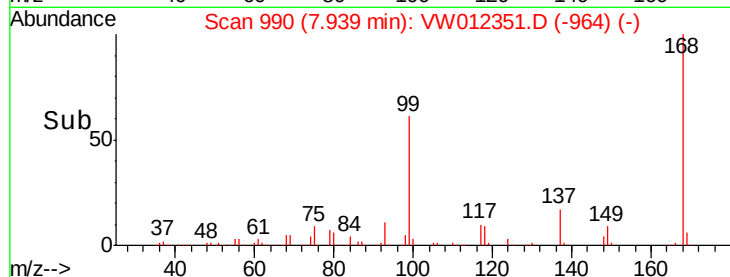
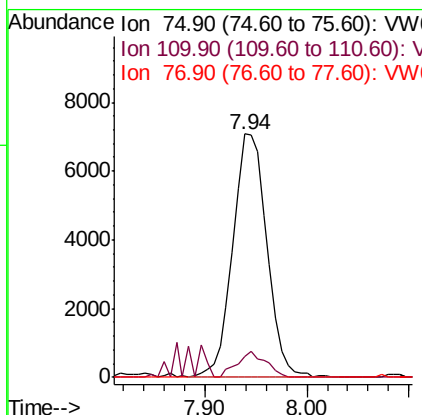
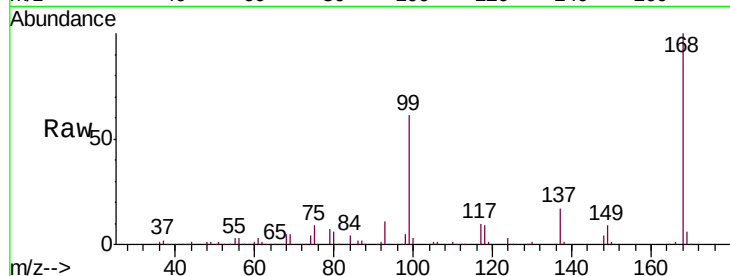




#36
 1,1-Dichloropropene
 Concen: 5.187 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

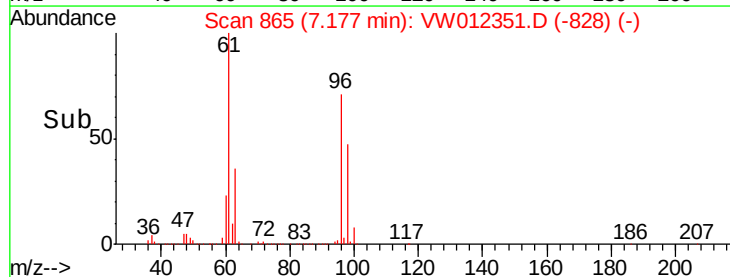
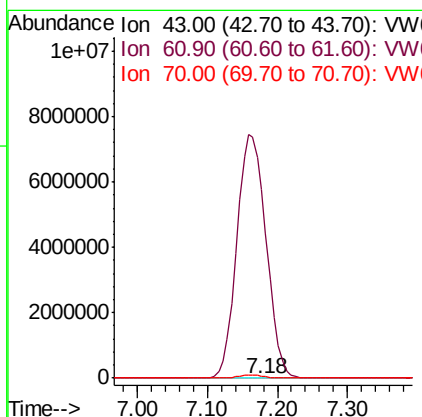
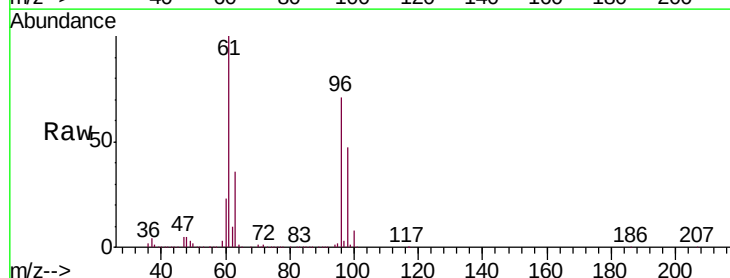
Instrument :
 MSVOA_W
 ClientSampleId :

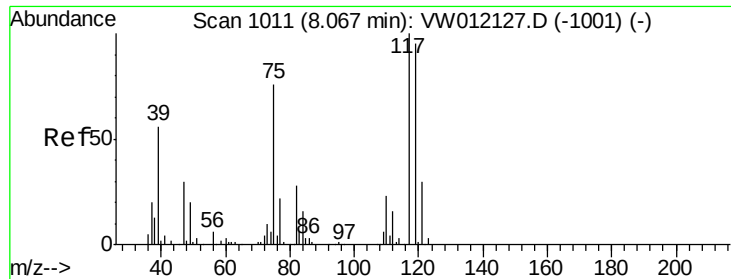
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.6	46.8#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 11.508 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.07 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	108002.3	9.2	13.8#
70	1098.7	6.9	10.3#





#38

Carbon Tetrachloride

Concen: 7.120 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

ClientSampled :

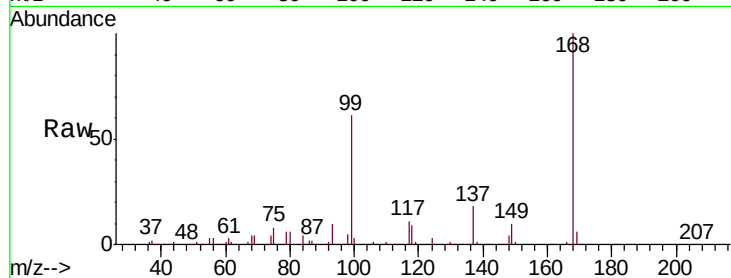
Tot Ion:117 Resp: 19503

Ion Ratio Lower Upper

117 100

119 6.9 76.2 114.2#

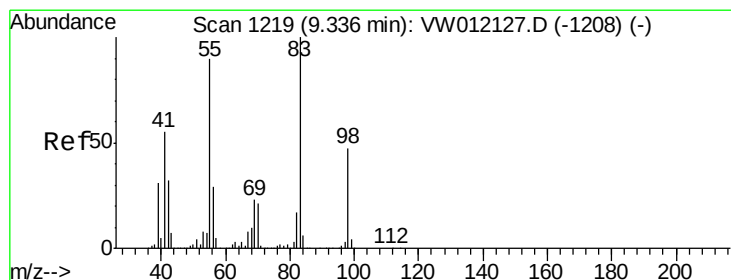
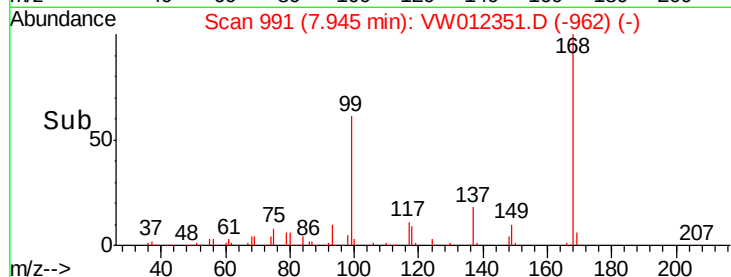
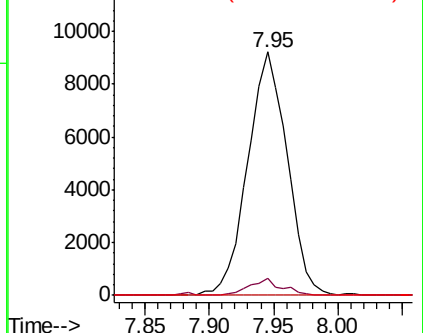
121 0.0 23.8 35.8#



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



#39

Methylcyclohexane

Concen: 14.375 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.24 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

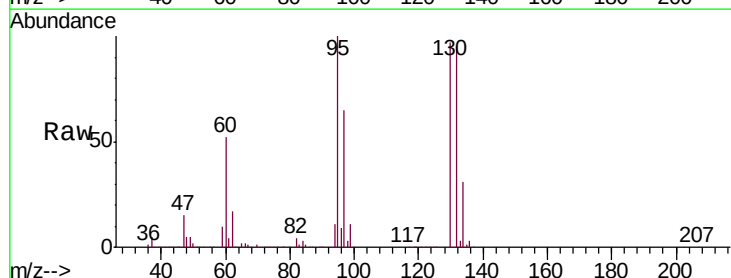
Tgt Ion: 83 Resp: 51110

Ion Ratio Lower Upper

83 100

55 0.5 71.8 107.8#

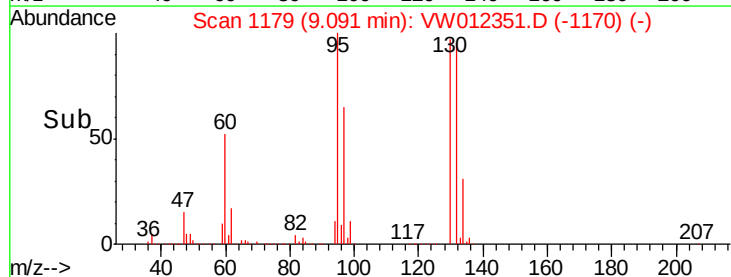
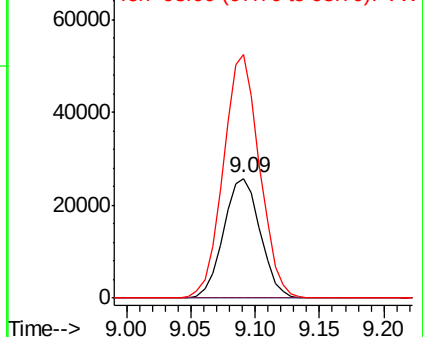
98 202.9 37.8 56.8#

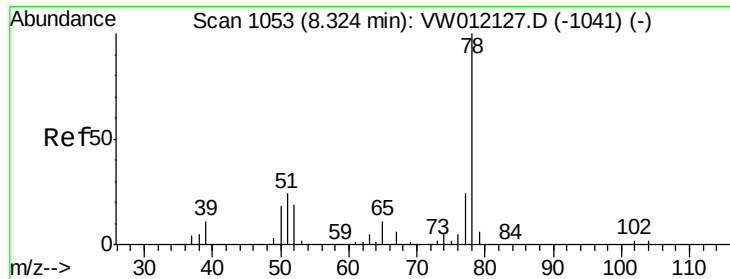


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 3.462 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

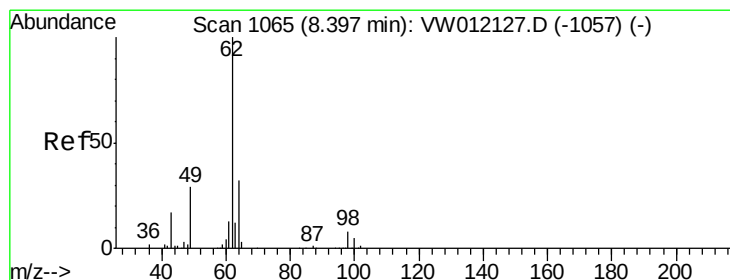
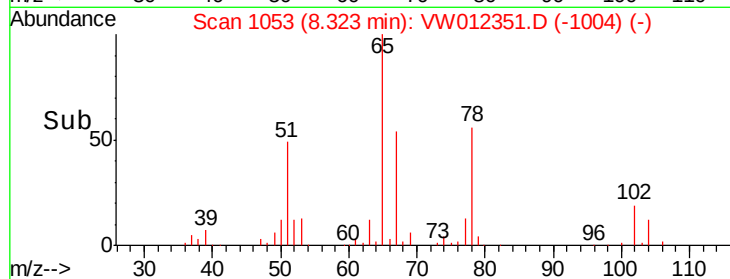
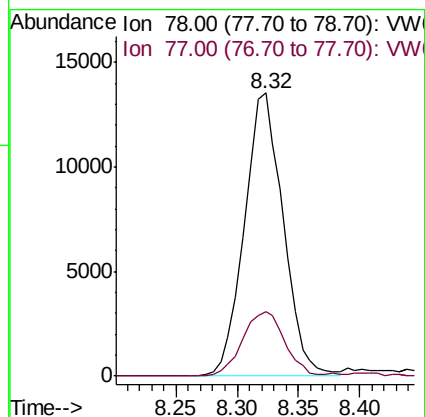
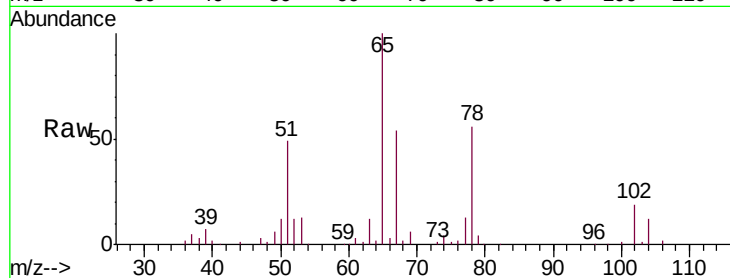
ClientSampleId :

Tot Ion: 78 Resp: 29921

Ion Ratio Lower Upper

78 100

77 22.9 19.5 29.3



#42

1,2-Dichloroethane

Concen: 2.465 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012351.D

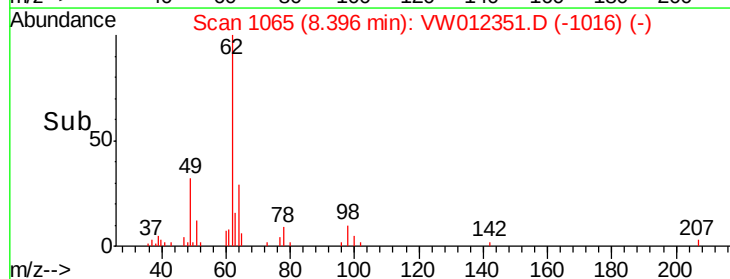
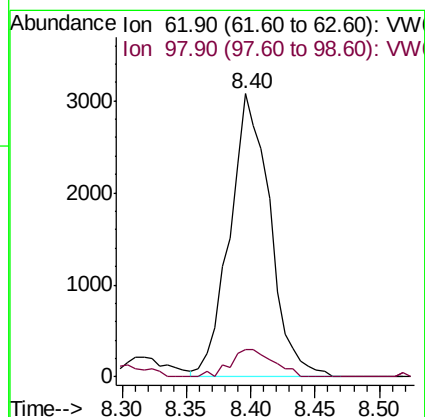
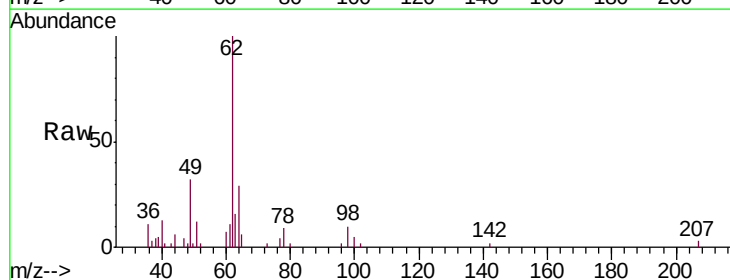
Acq: 30 Aug 2019 15:42

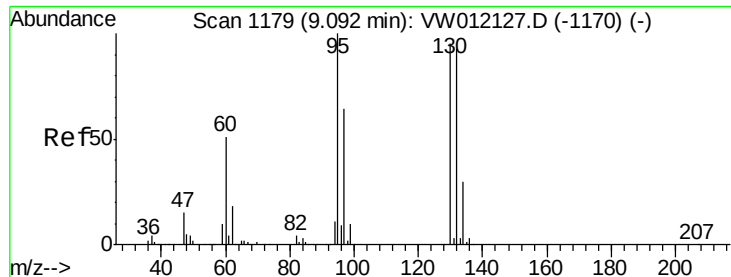
Tgt Ion: 62 Resp: 6676

Ion Ratio Lower Upper

62 100

98 10.6 0.0 16.6





#44

Trichloroethene

Concen: 1824.975 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

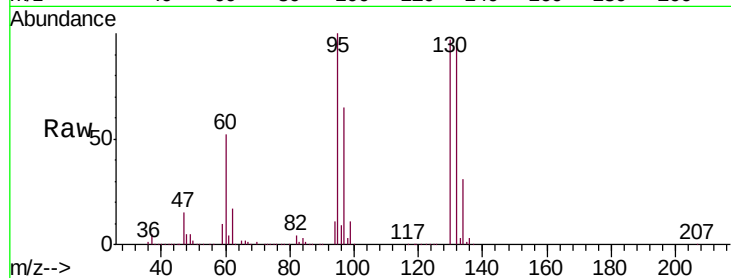
ClientSampled :

Tot Ion:130 Resp: 3833887

Ion Ratio Lower Upper

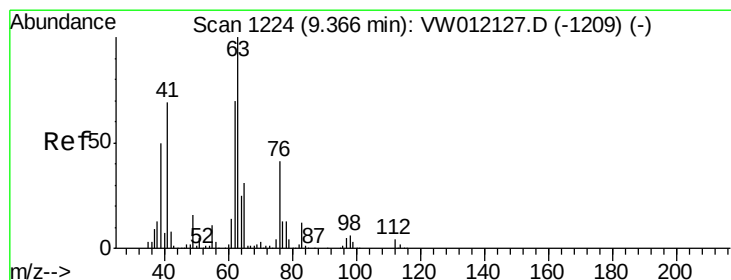
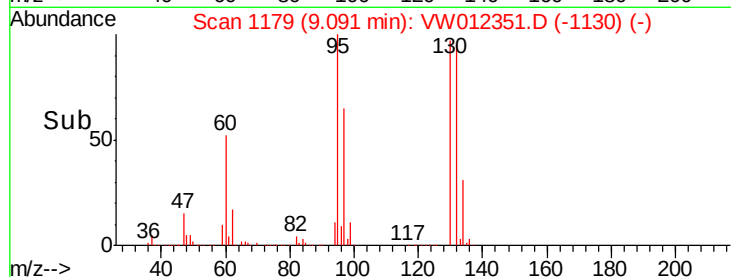
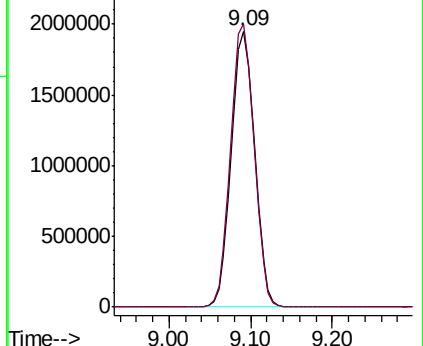
130 100

95 102.7 0.0 210.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 4.567 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.28 min

Lab File: VW012351.D

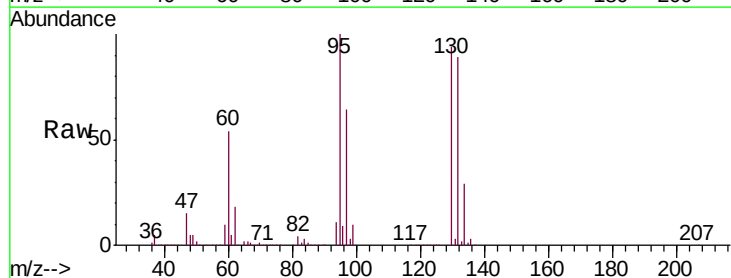
Acq: 30 Aug 2019 15:42

Tgt Ion: 63 Resp: 10621

Ion Ratio Lower Upper

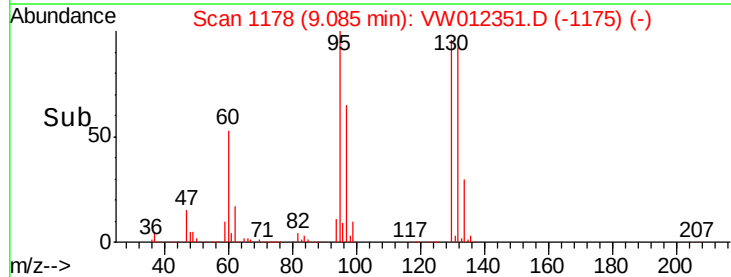
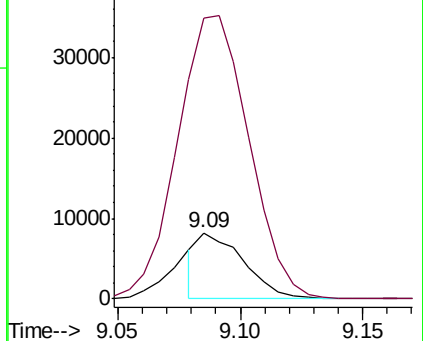
63 100

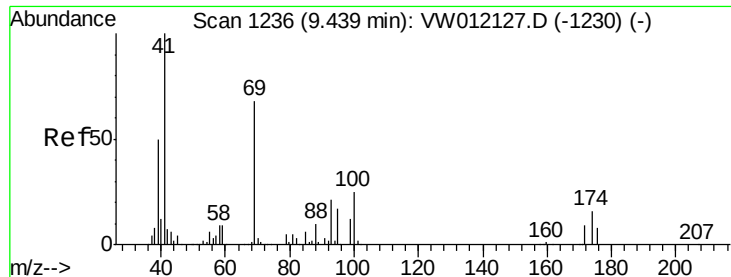
65 423.3 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

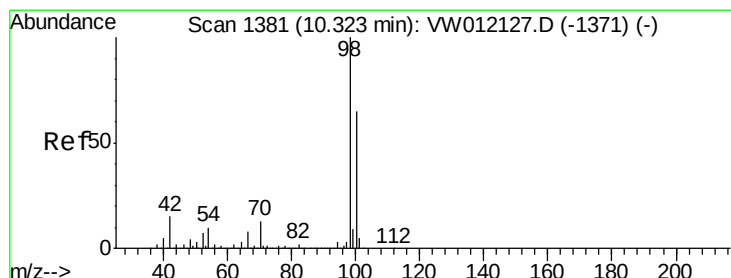
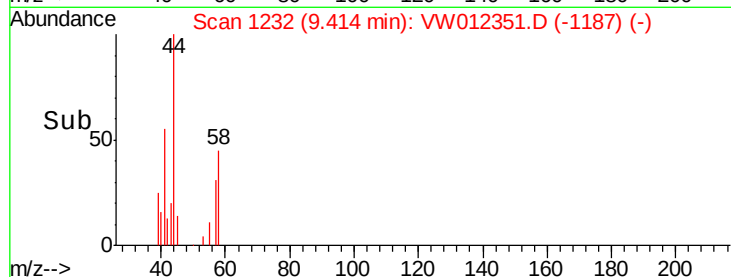
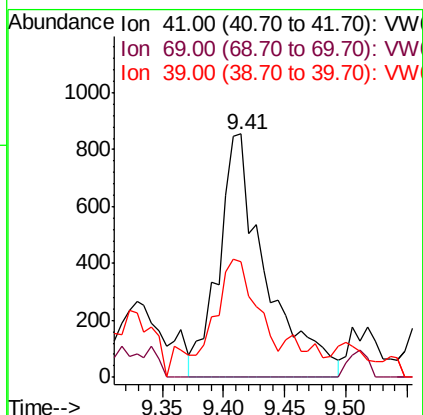
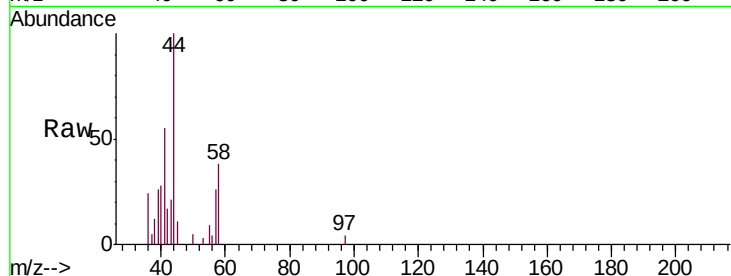




#48
Methyl methacrylate
Concen: 1.491 ug/l
RT: 9.41 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

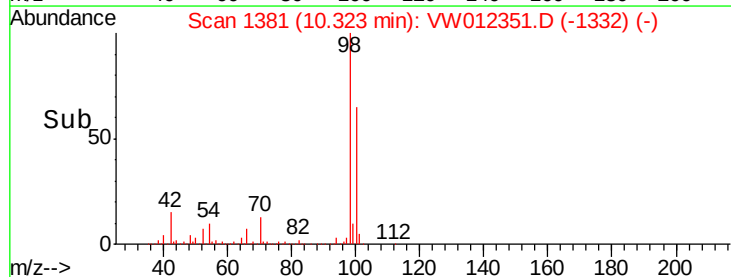
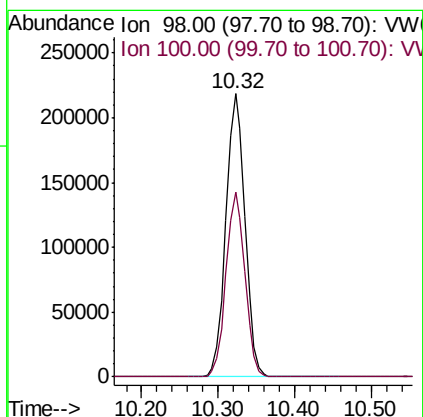
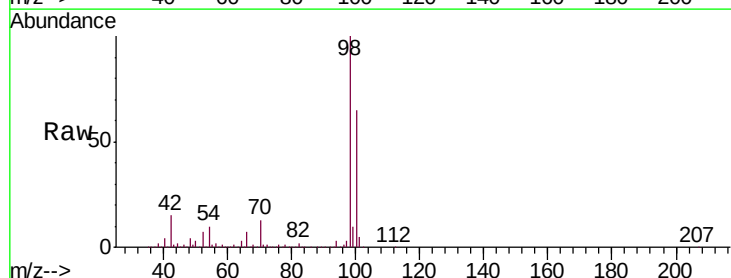
Instrument :
MSVOA_W
ClientSampled :

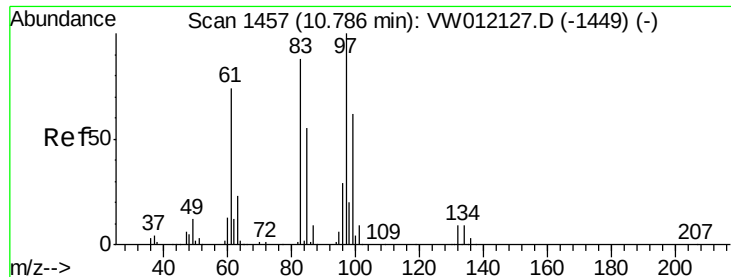
Tot Ion: 41 Resp: 2280
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 31.9 42.0 63.0#



#50
Toluene-d8
Concen: 50.751 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Tgt Ion: 98 Resp: 376183
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

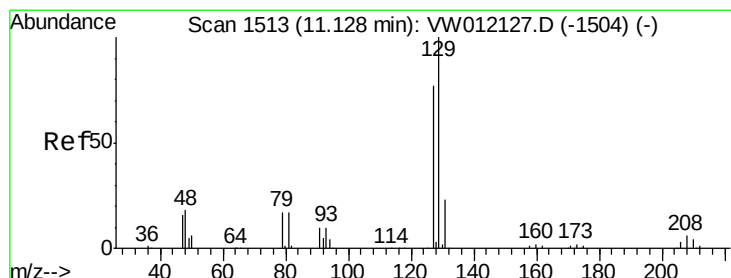
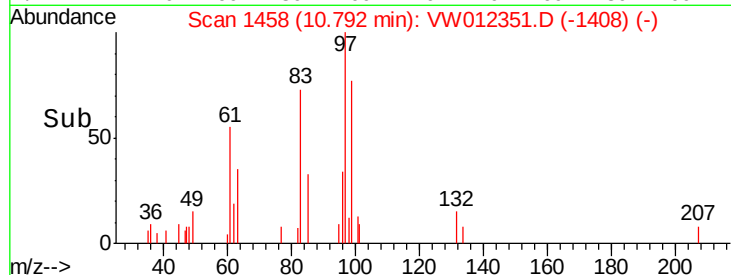
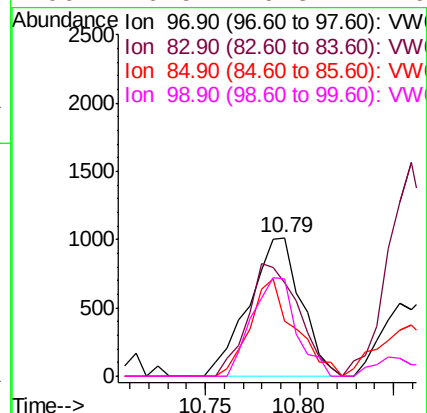
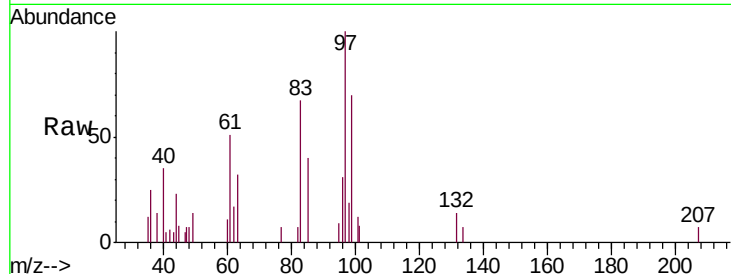




#55
 1,1,2-Trichloroethane
 Concen: 1.328 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

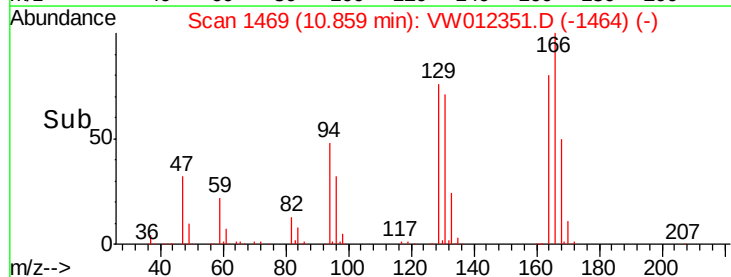
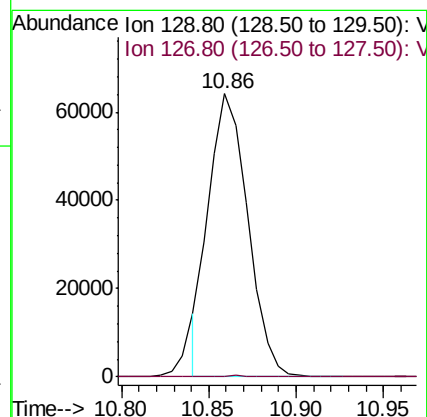
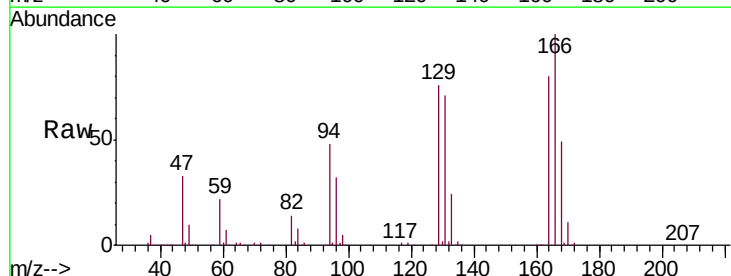
Instrument :
 MSVOA_W
 ClientSampled :

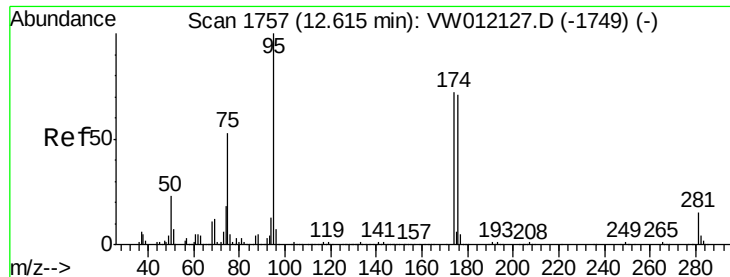
Tot Ion:	97	Resp:	1945
Ion	Ratio	Lower	Upper
97	100		
83	67.4	70.8	106.2#
85	39.6	43.8	65.8#
99	70.5	49.8	74.6



#60
 Dibromochloromethane
 Concen: 61.186 ug/l
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.27 min
 Lab File: VW012351.D
 Acq: 30 Aug 2019 15:42

Tgt Ion:	129	Resp:	99780
Ion	Ratio	Lower	Upper
129	100		
127	0.3	38.6	115.8#





#62

4-Bromofluorobenzene

Concen: 45.402 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

ClientSampled :

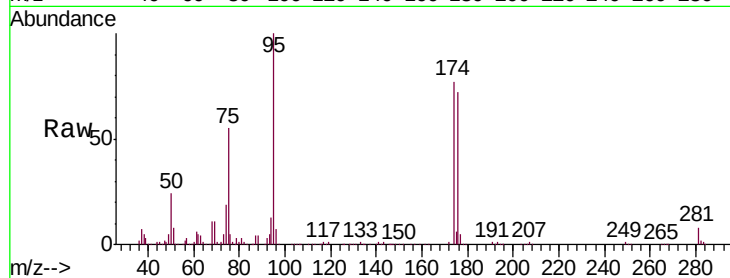
Tot Ion: 95 Resp: 118627

Ion Ratio Lower Upper

95 100

174 78.3 0.0 150.8

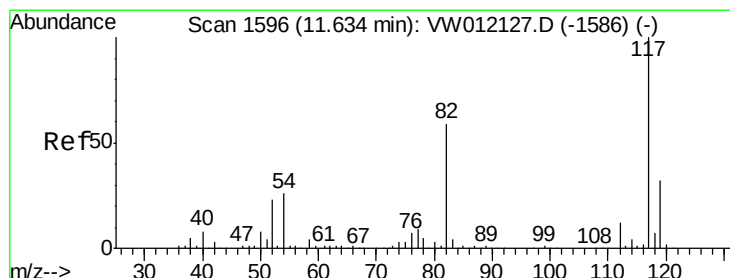
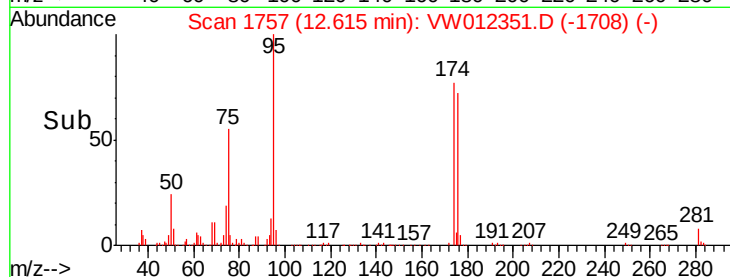
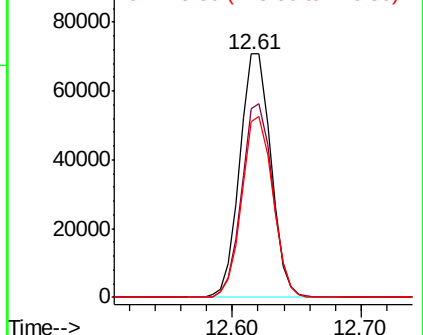
176 73.7 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012351.D

Acq: 30 Aug 2019 15:42

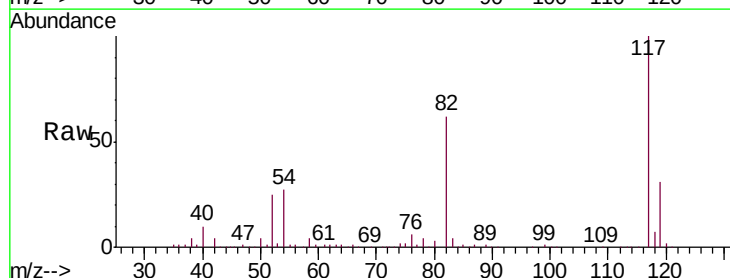
Tgt Ion: 117 Resp: 258866

Ion Ratio Lower Upper

117 100

82 61.7 47.4 71.2

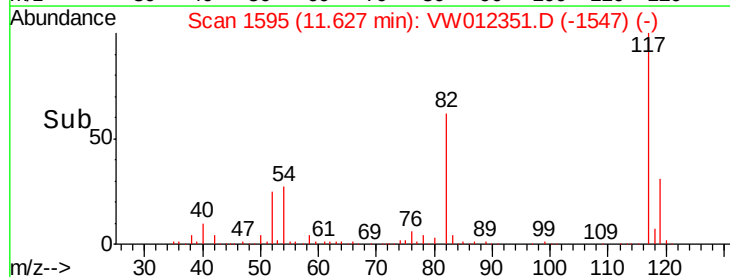
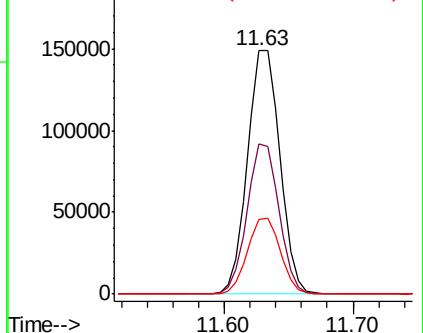
119 30.6 25.4 38.2

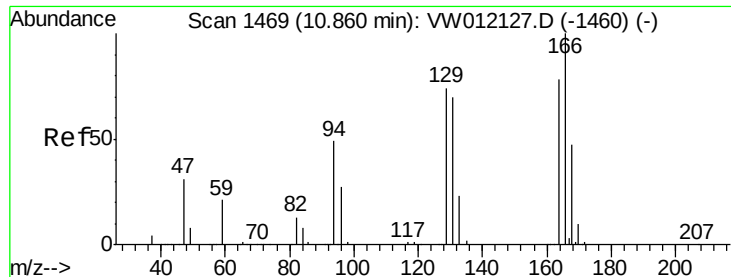


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

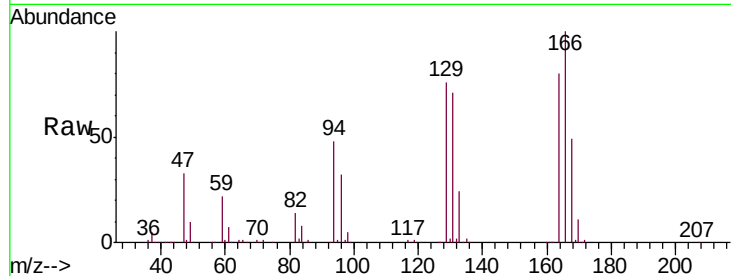




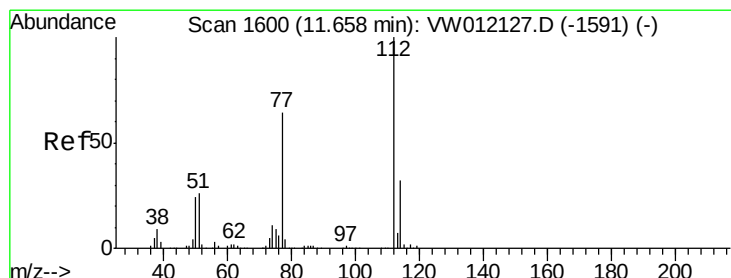
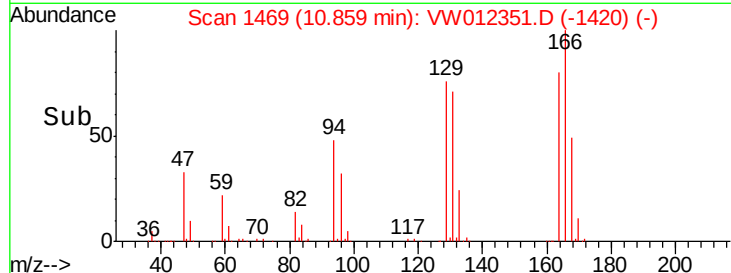
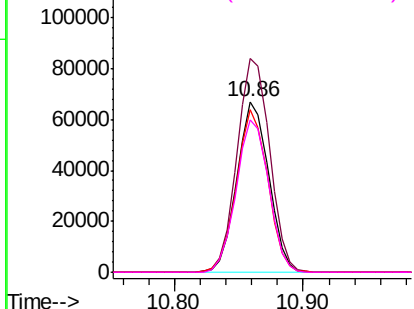
#64
Tetrachloroethene
Concen: 68.343 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:164 Resp: 114701
Ion Ratio Lower Upper
164 100
166 125.3 102.4 153.6
129 95.7 75.8 113.6
131 89.3 71.4 107.2

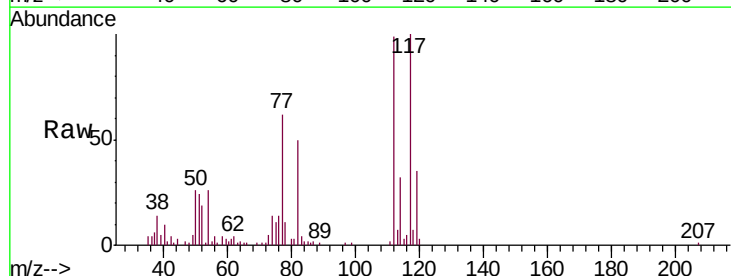


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

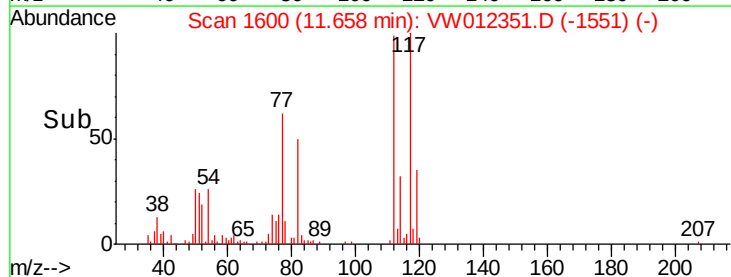
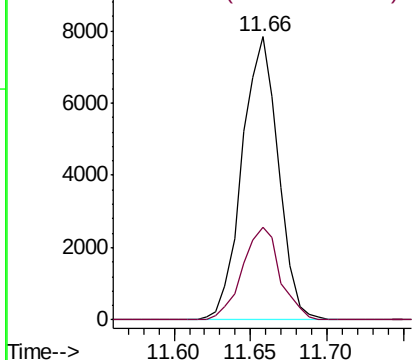


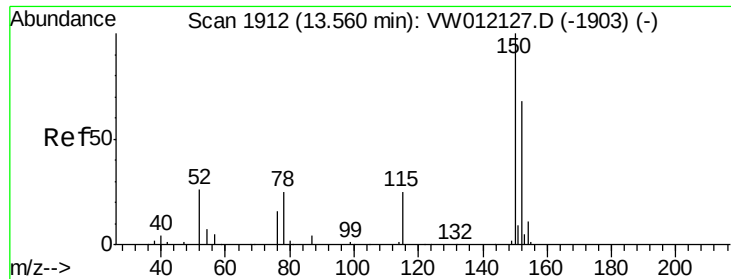
#65
Chlorobenzene
Concen: 2.531 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Tgt Ion:112 Resp: 12900
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VW012351.D

Acq: 30 Aug 2019 15:42

Instrument :

MSVOA_W

ClientSampleId :

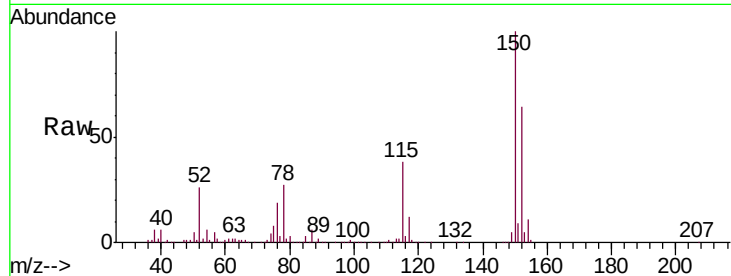
Tot Ion:152 Resp: 99960

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

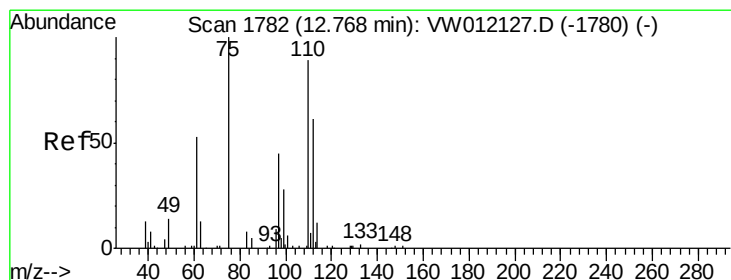
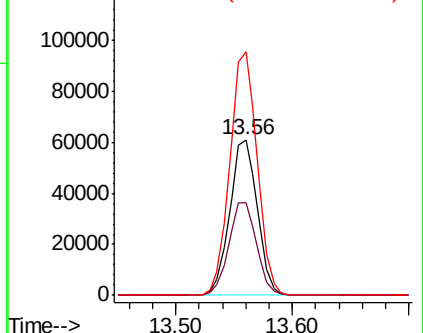
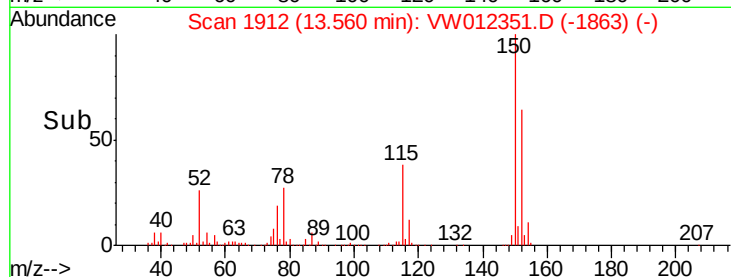
150 156.5 0.0 345.8



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: 65.862 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012351.D

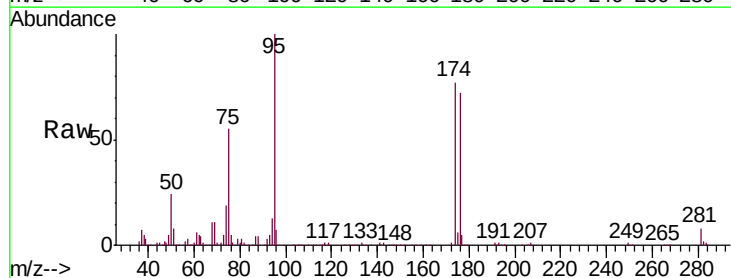
Acq: 30 Aug 2019 15:42

Tgt Ion: 75 Resp: 64119

Ion Ratio Lower Upper

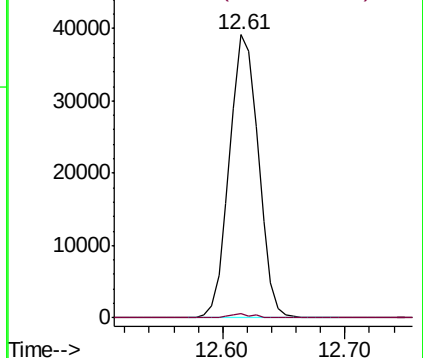
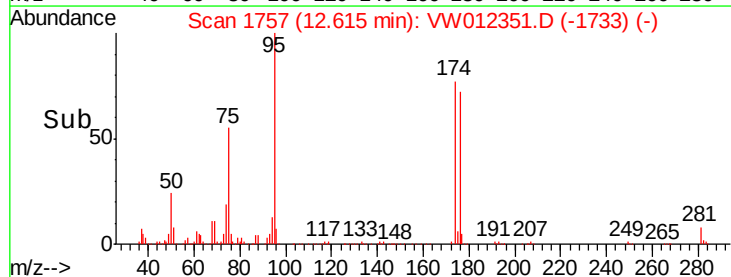
75 100

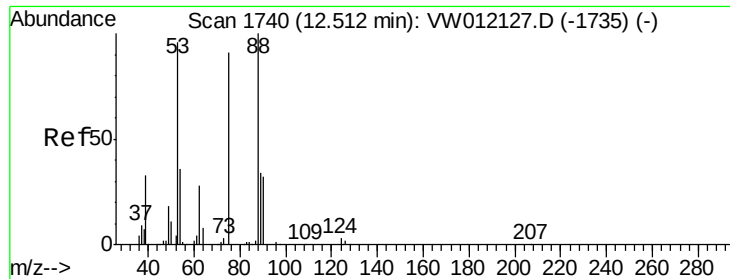
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

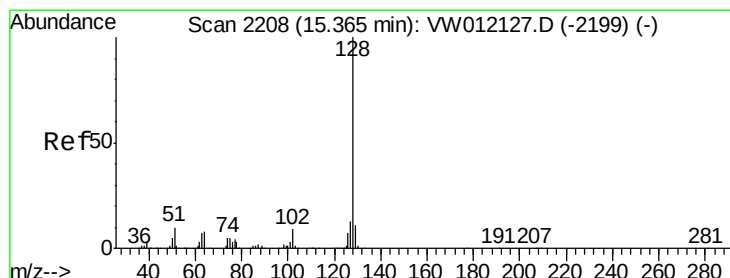
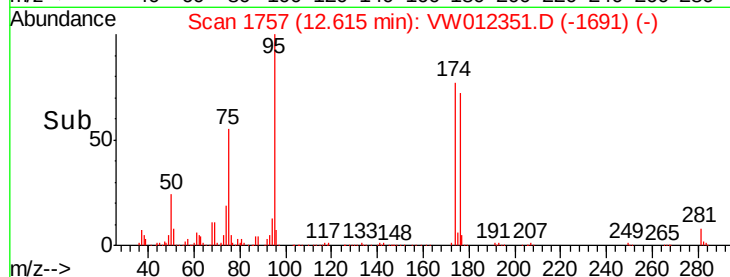
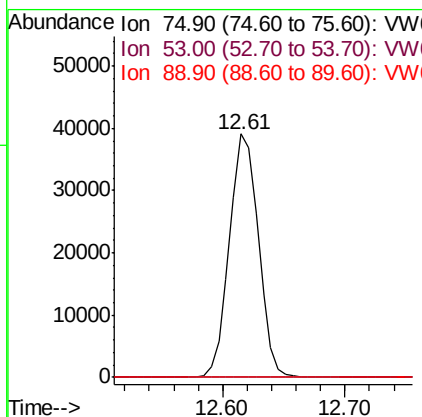
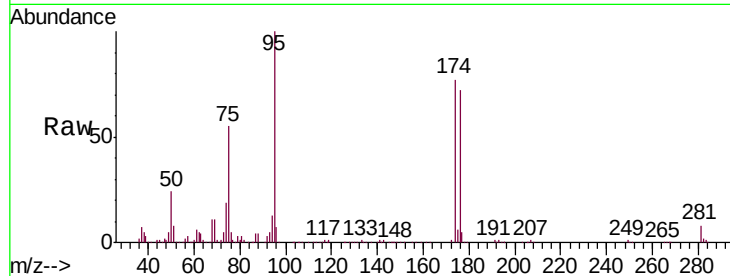




#81
trans-1,4-Dichloro-2-butene
Concen: 144.404 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 64119
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.398 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012351.D
Acq: 30 Aug 2019 15:42

Tgt Ion: 128 Resp: 316
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.7 13.1#

