

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011844.D
 Acq On : 12 Aug 2019 11:50
 Operator : SY/VA
 Sample : K4227-14RE
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:44:54 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	212699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113226	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	141055	57.75	ug/l	0.00
Spiked Amount			Recovery	=	115.50%	
35) Dibromofluoromethane	7.88	113	109613	55.70	ug/l	0.00
Spiked Amount			Recovery	=	111.40%	
50) Toluene-d8	10.32	98	432643	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	134145	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	

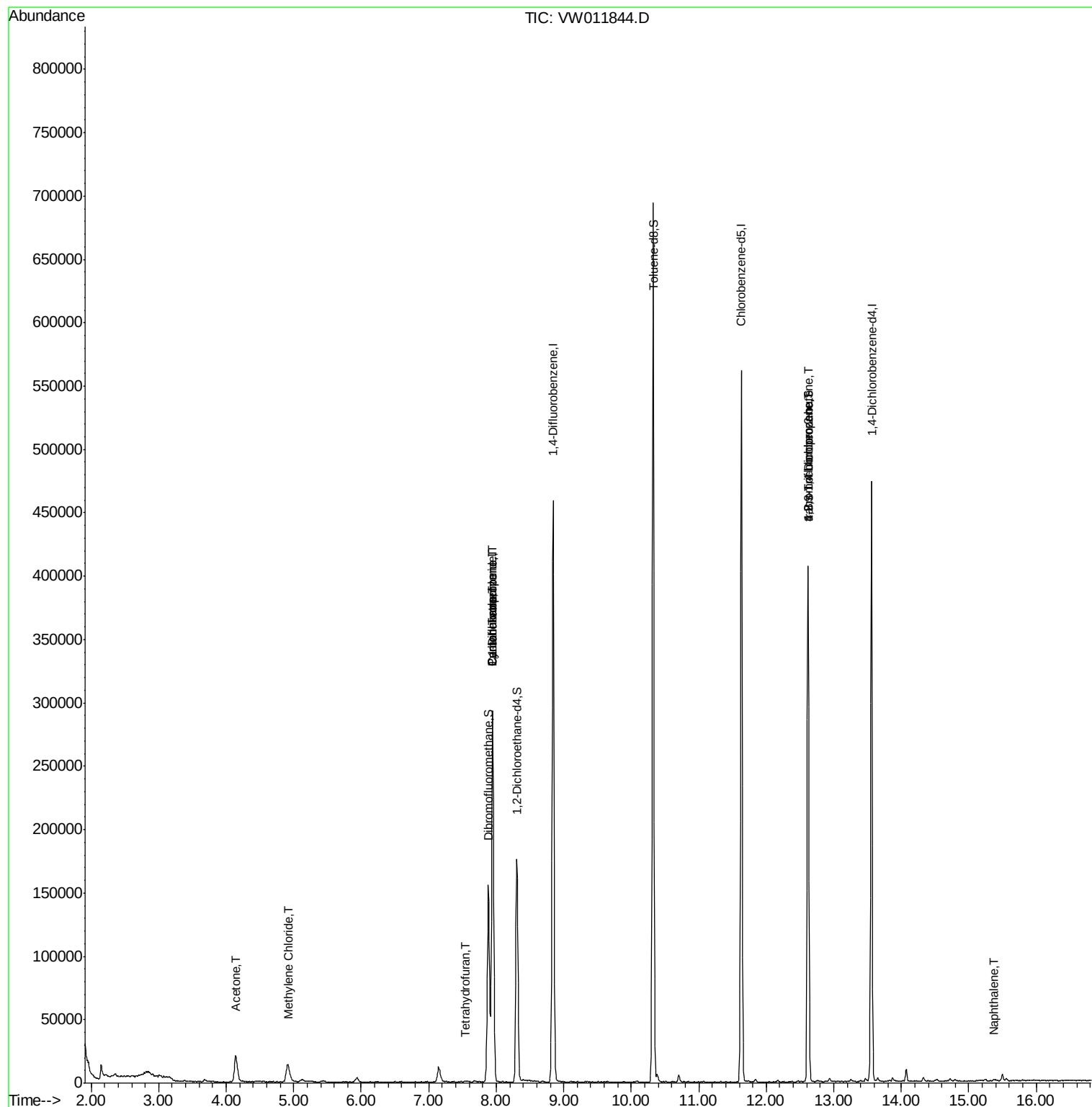
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	448	Below Cal	#	33
16) Acetone	4.14	43	43147	55.536	ug/l	96
20) Methylene Chloride	4.91	84	11232	4.192	ug/l	97
29) Tetrahydrofuran	7.54	42	764	1.315	ug/l #	55
31) Cyclohexane	7.95	56	5465	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18414	5.048	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21072	6.748	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	72302	60.349	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72302	139.084	ug/l #	6
95) Naphthalene	15.36	128	788	2.235	ug/l #	86

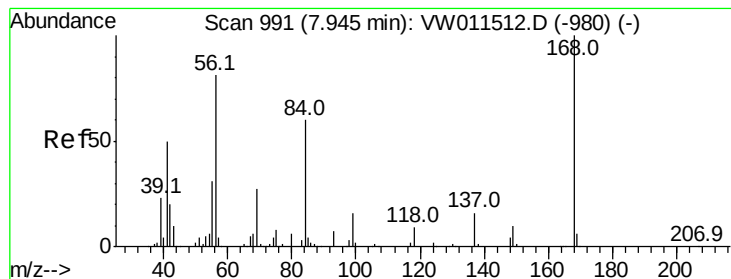
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
Data File : VW011844.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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Response via : Initial Calibration

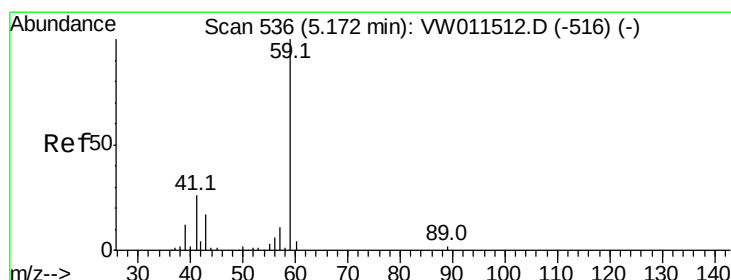
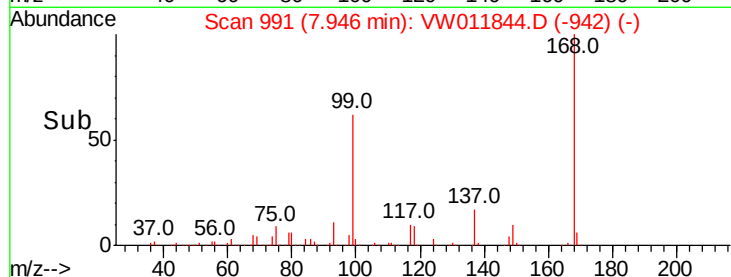
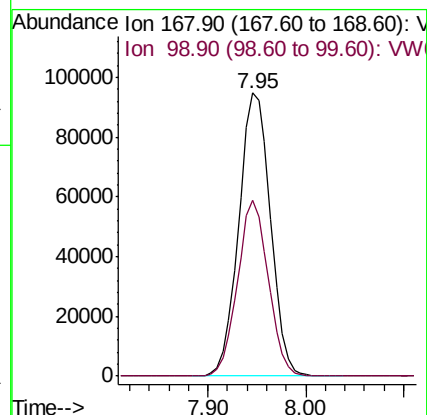
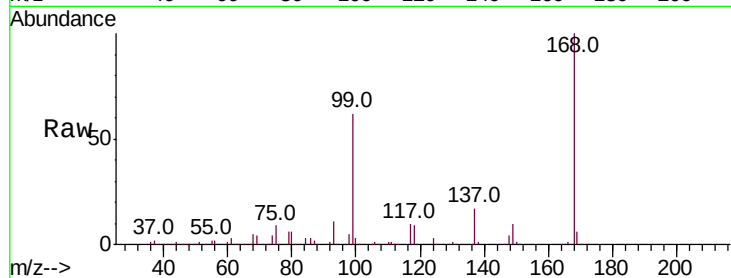




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

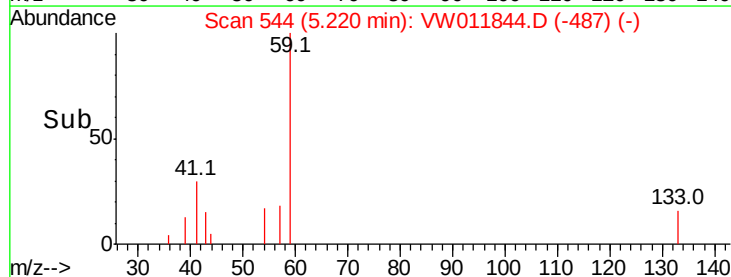
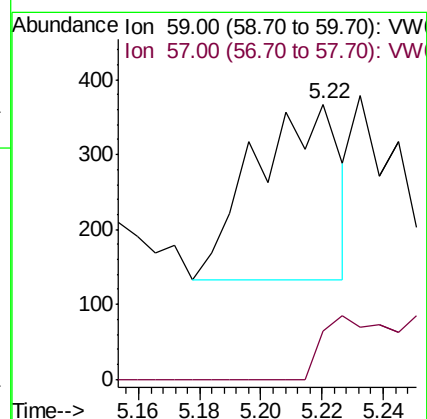
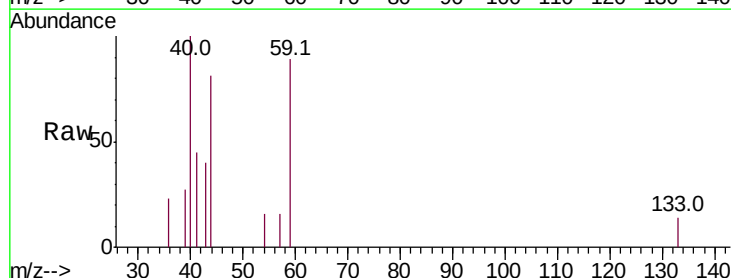
Instrument :
MSVOA_W
ClientSampleId :

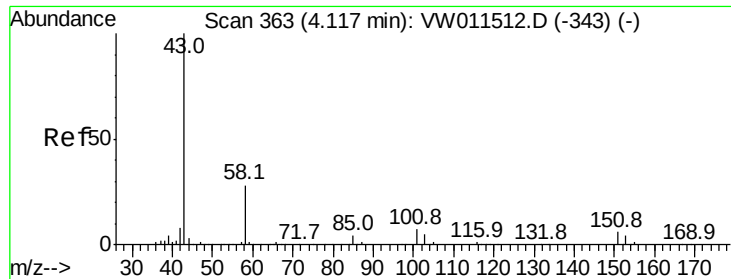
Tot Ion:168 Resp: 212699
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 544
Delta R.T. 0.05 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 35.9 8.5 12.7#

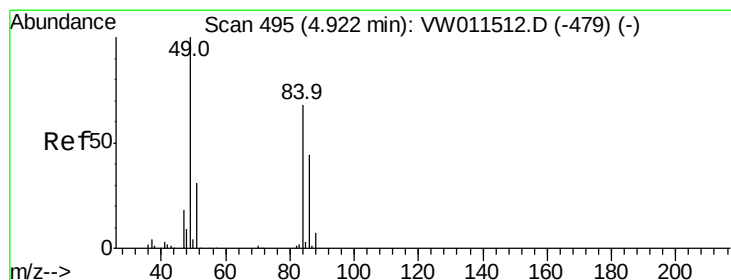
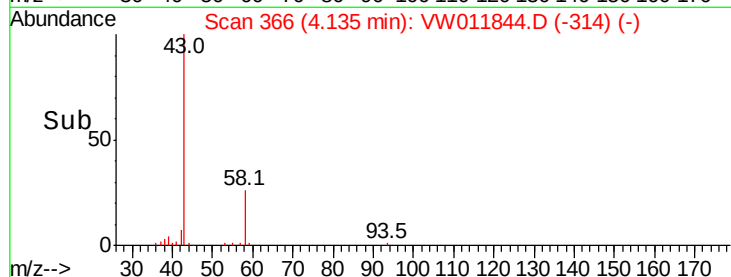
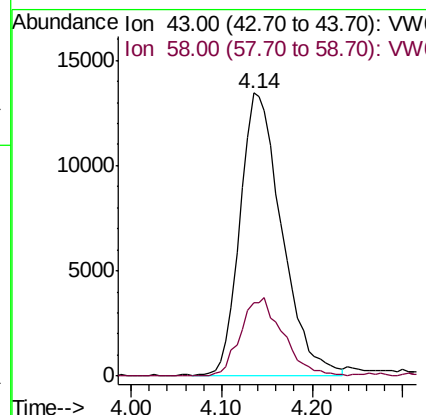
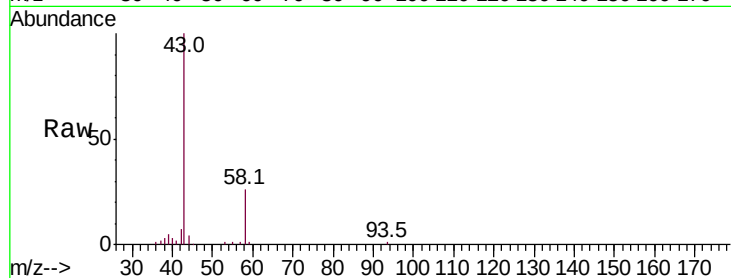




#16
Acetone
Concen: 55.536 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

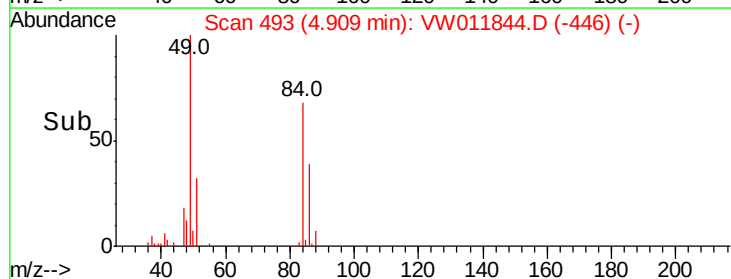
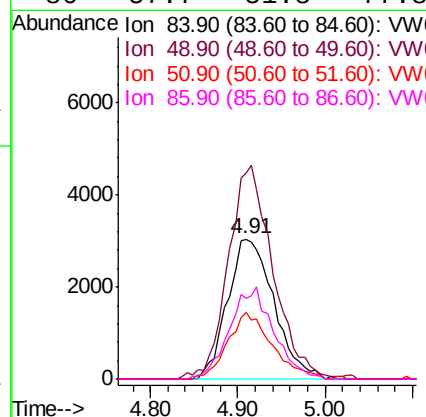
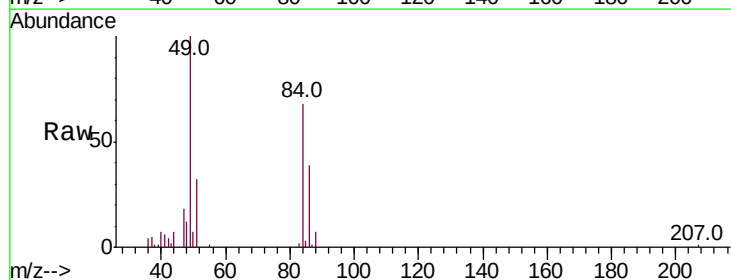
Instrument :
MSVOA_W
ClientSampled :

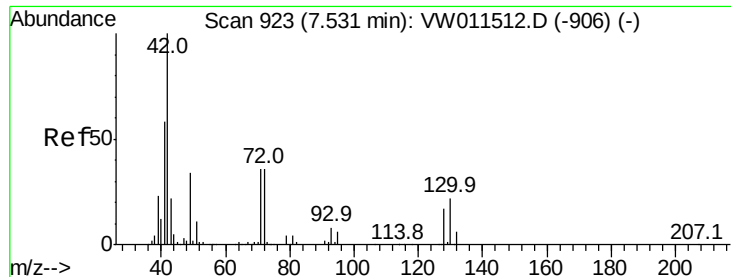
Tot Ion: 43 Resp: 43147
Ion Ratio Lower Upper
43 100
58 25.8 22.3 33.5



#20
Methylene Chloride
Concen: 4.192 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Tgt Ion: 84 Resp: 11232
Ion Ratio Lower Upper
84 100
49 146.0 117.8 176.6
51 47.4 37.0 55.4
86 57.7 51.8 77.8

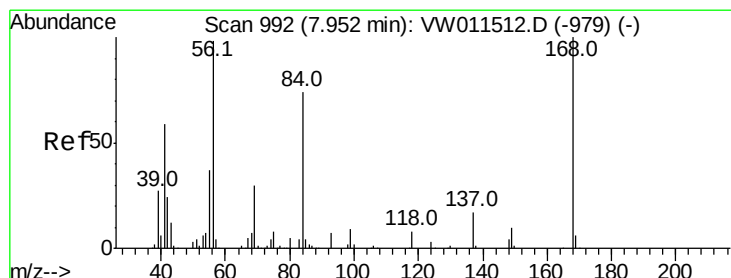
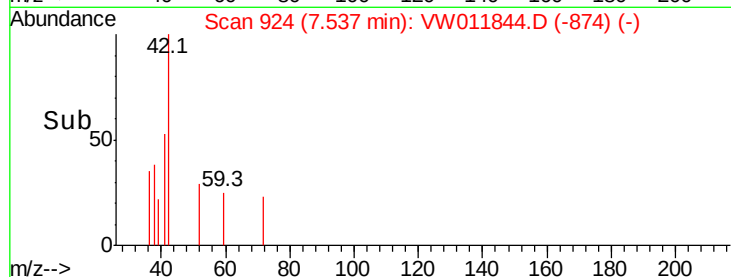
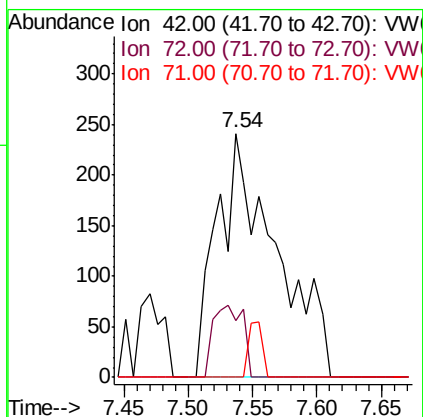
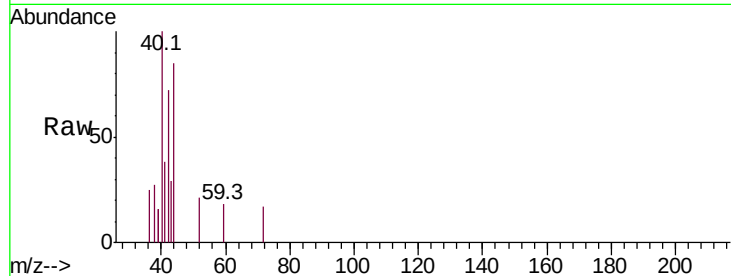




#29
Tetrahydrofuran
Concen: 1.315 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

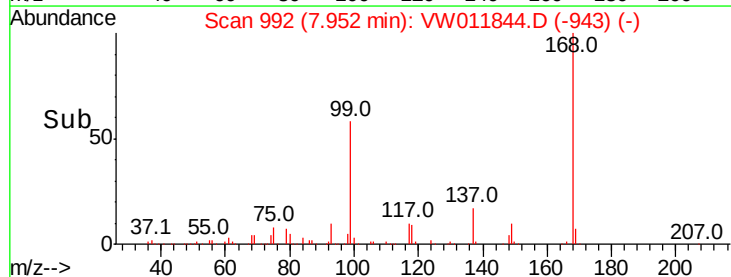
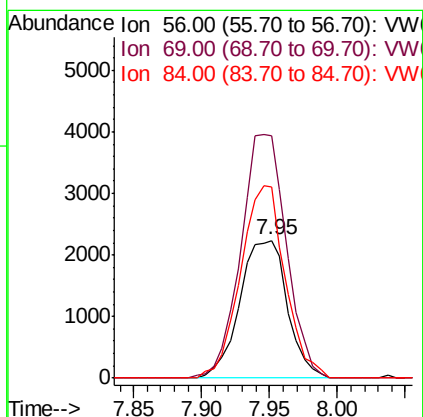
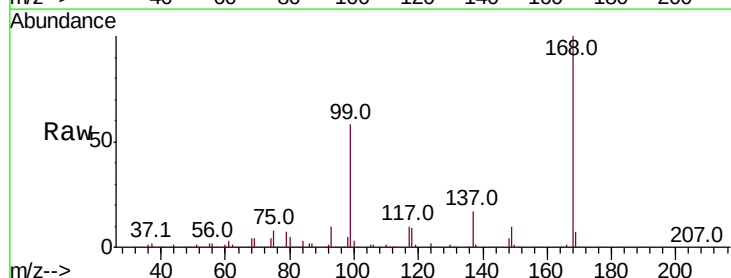
Instrument :
MSVOA_W
ClientSampled :

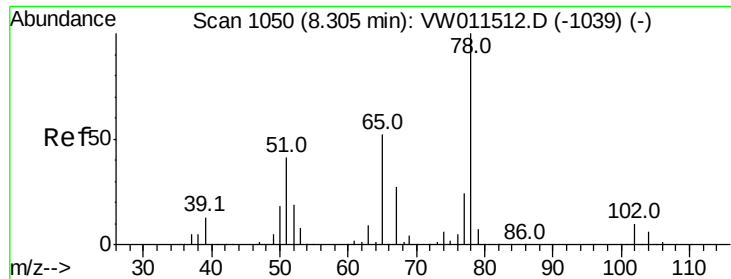
Tot Ion: 42 Resp: 764
Ion Ratio Lower Upper
42 100
72 15.3 27.1 40.7#
71 0.0 26.2 39.4#



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Tgt Ion: 56 Resp: 5465
Ion Ratio Lower Upper
56 100
69 176.3 24.3 36.5#
84 139.0 60.4 90.6#

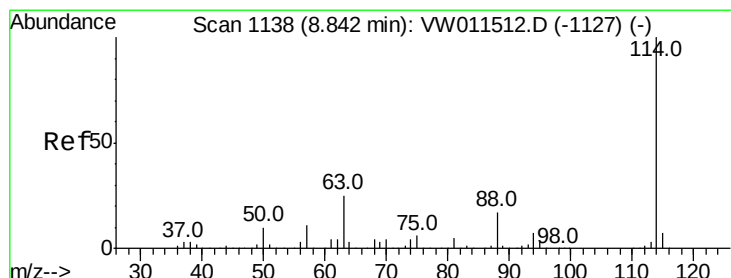
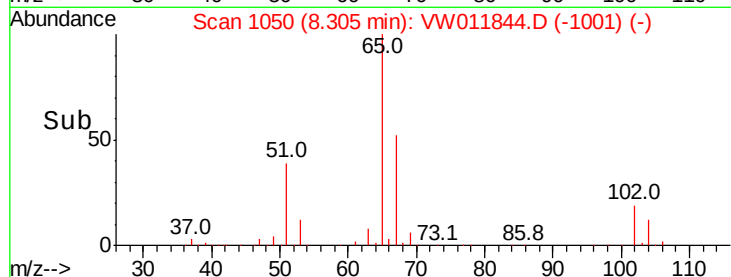
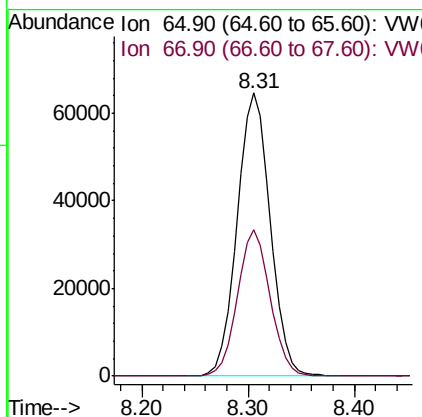
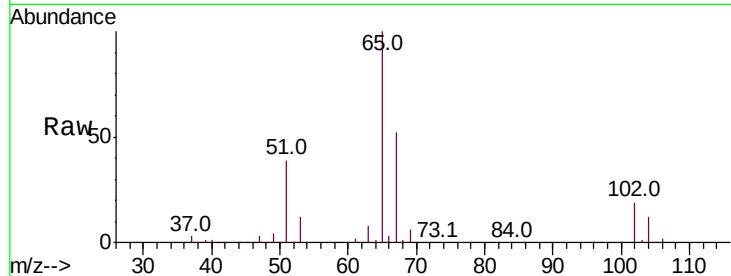




#33
 1,2-Dichloroethane-d4
 Concen: 57.753 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011844.D
 Acq: 12 Aug 2019 11:50

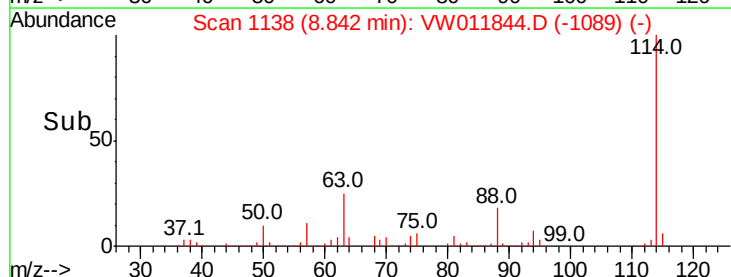
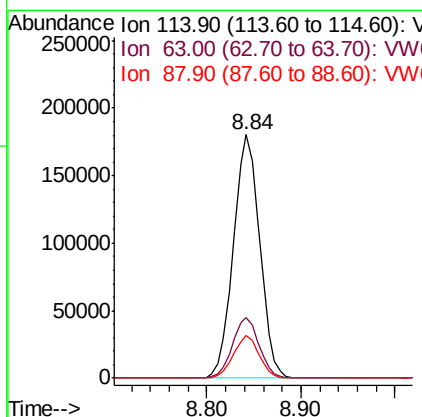
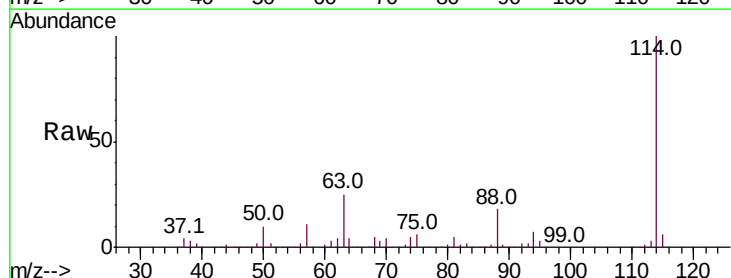
Instrument :
 MSVOA_W
 ClientSampleId :

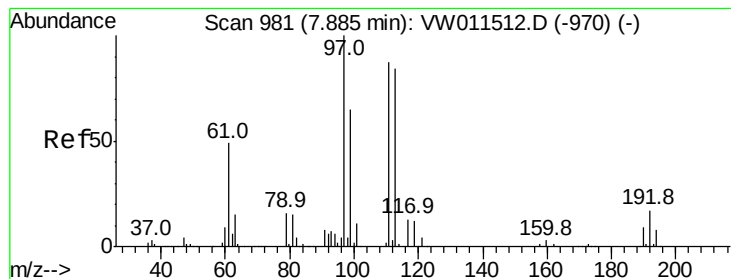
Tot Ion: 65 Resp: 141055
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011844.D
 Acq: 12 Aug 2019 11:50

Tgt Ion: 114 Resp: 350785
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.699 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011844.D

Acq: 12 Aug 2019 11:50

Instrument :

MSVOA_W

ClientSampled :

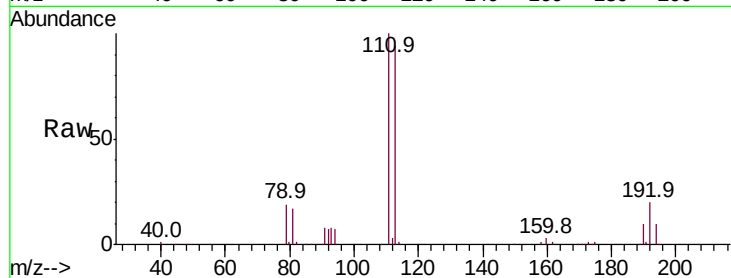
Tot Ion:113 Resp: 109613

Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

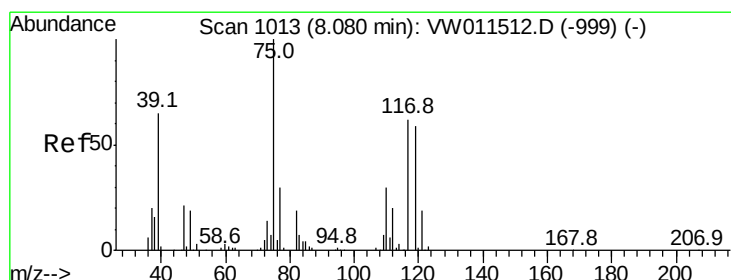
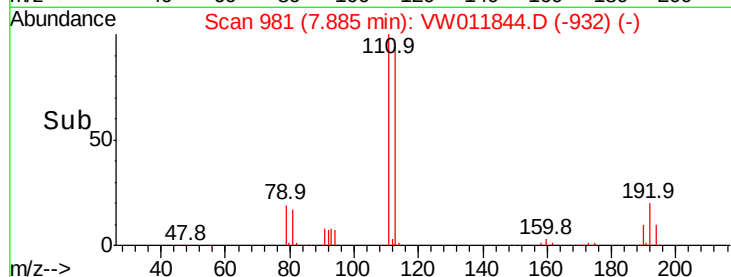
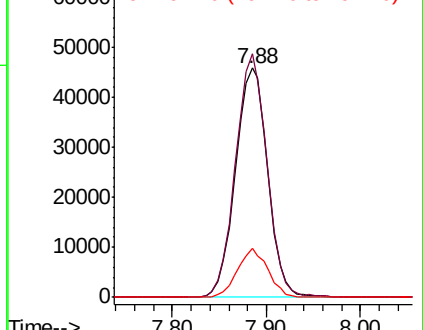
192 20.1 16.1 24.1



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: 5.048 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011844.D

Acq: 12 Aug 2019 11:50

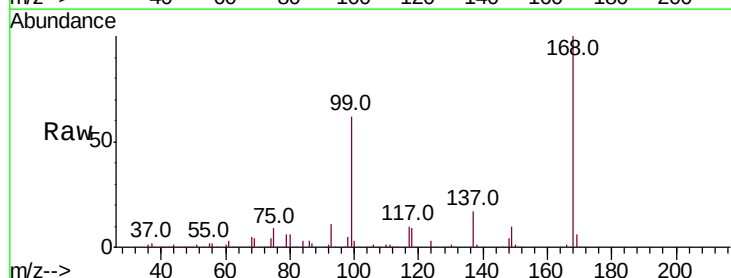
Tgt Ion: 75 Resp: 18414

Ion Ratio Lower Upper

75 100

110 9.1 15.6 46.8#

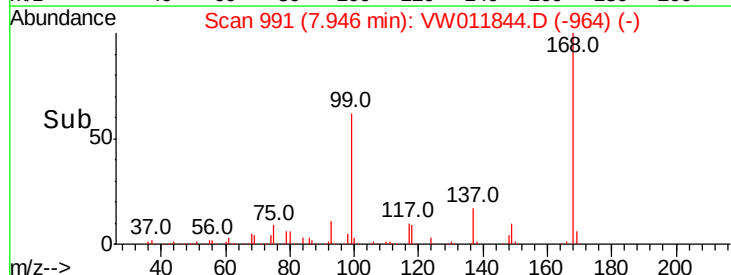
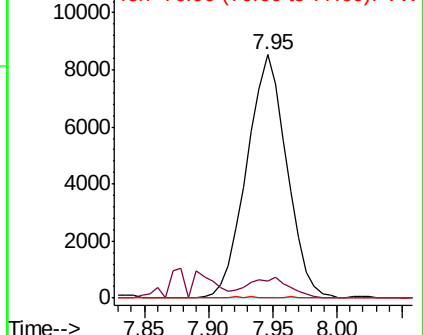
77 0.1 24.3 36.5#

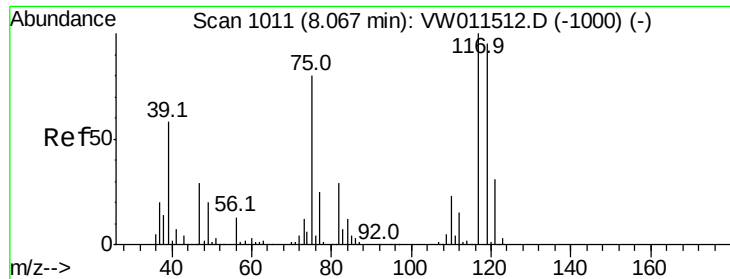


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

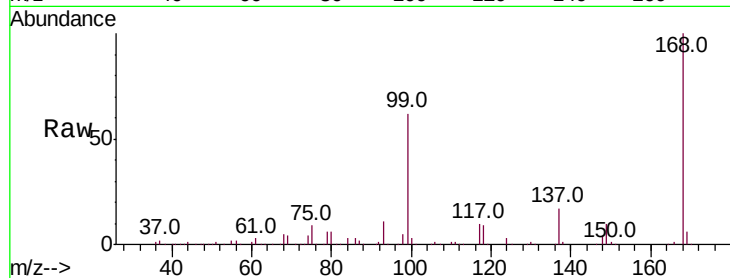




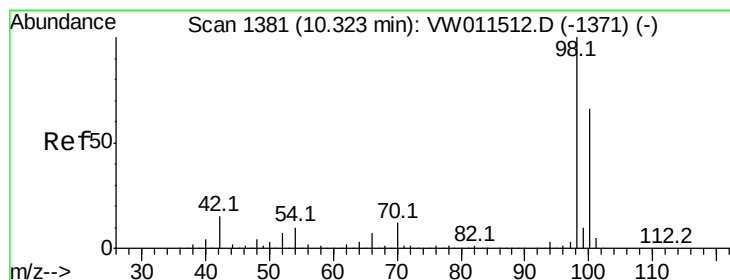
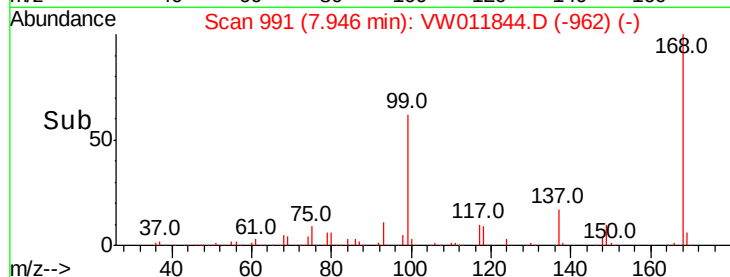
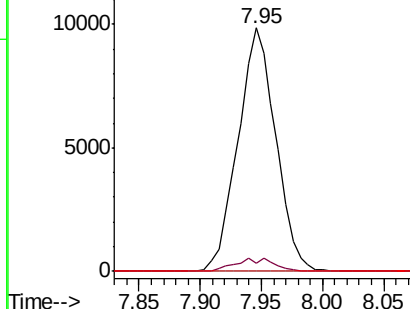
#38
Carbon Tetrachloride
Concen: 6.748 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 21072
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.7 37.1#

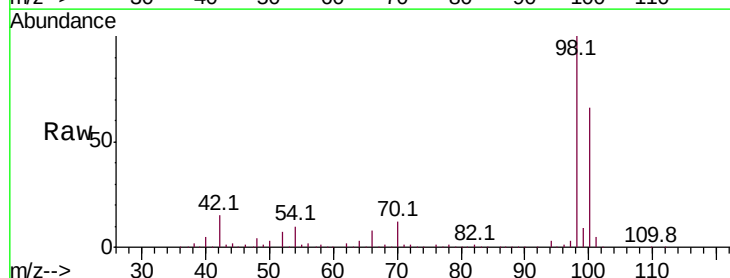


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

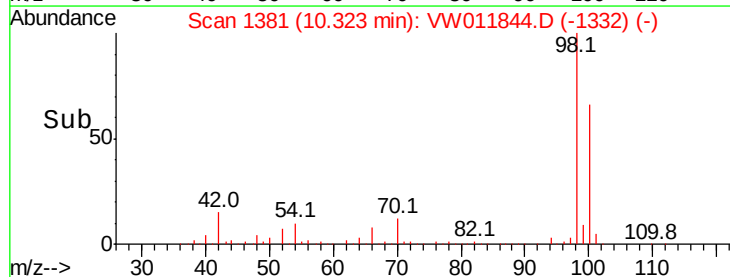
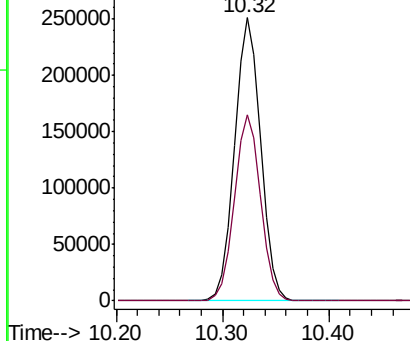


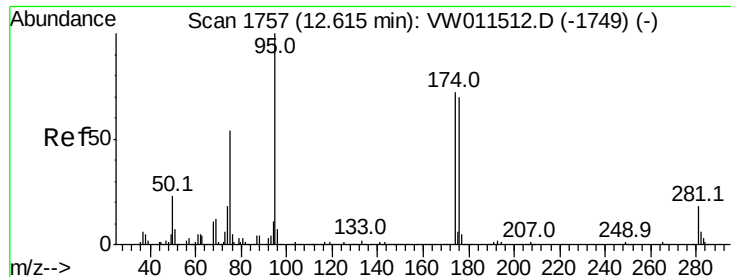
#50
Toluene-d8
Concen: 53.695 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Tgt Ion: 98 Resp: 432643
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.698 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011844.D

Acq: 12 Aug 2019 11:50

Instrument :

MSVOA_W

ClientSampleId :

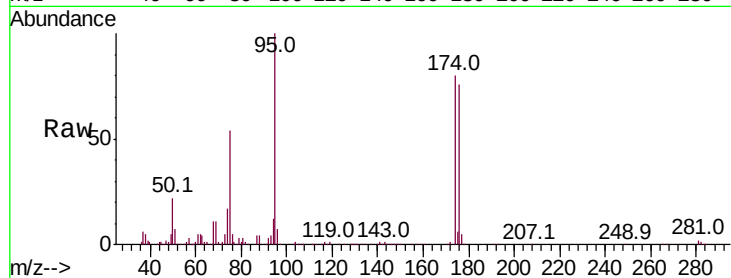
Tot Ion: 95 Resp: 134145

Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.2

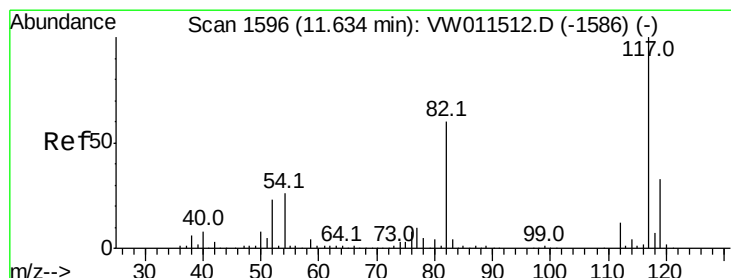
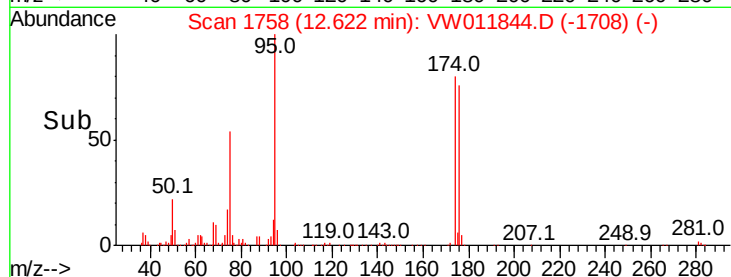
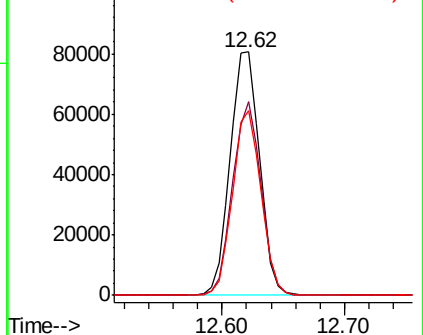
176 73.2 0.0 144.4



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# 1596

Delta R.T. 0.00 min

Lab File: VW011844.D

Acq: 12 Aug 2019 11:50

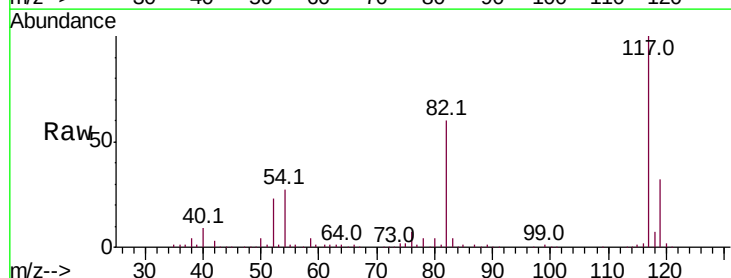
Tgt Ion: 117 Resp: 292042

Ion Ratio Lower Upper

117 100

82 60.3 47.9 71.9

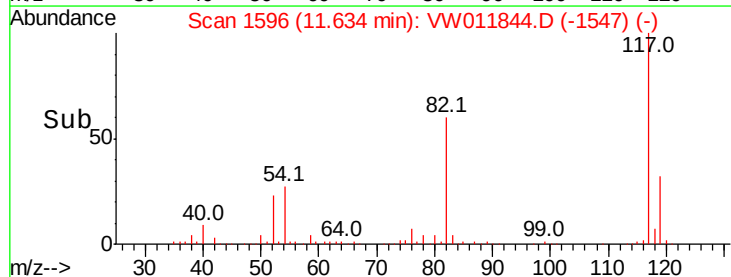
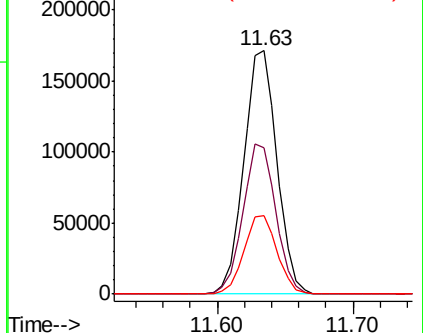
119 32.2 26.2 39.2

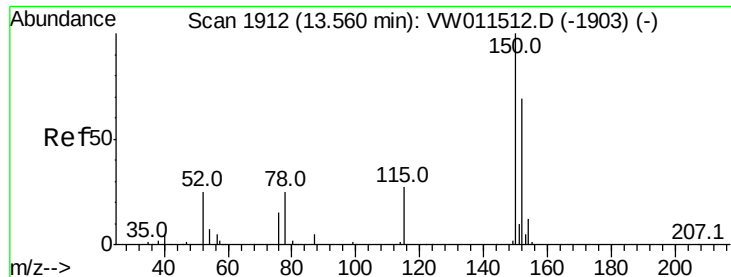


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011844.D

Acq: 12 Aug 2019 11:50

Instrument :

MSVOA_W

ClientSampleId :

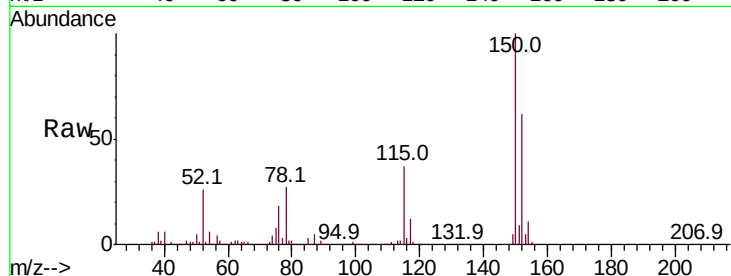
Tot Ion:152 Resp: 113226

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

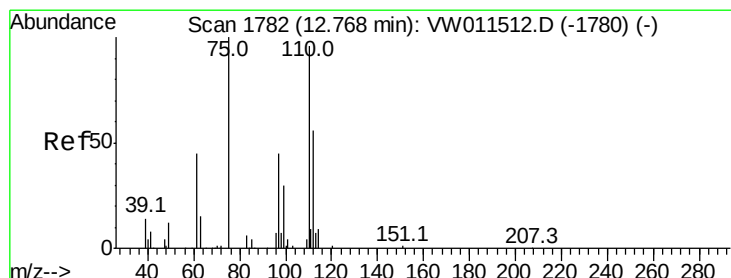
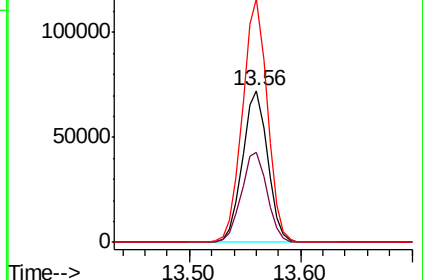
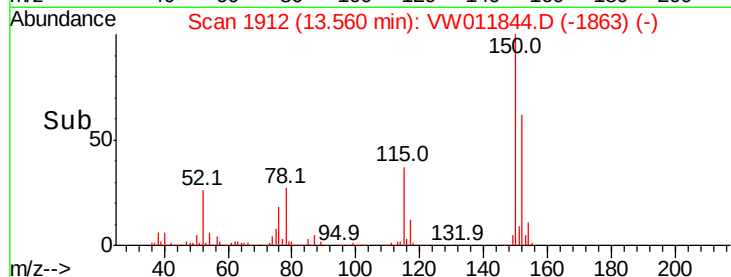
150 158.7 0.0 352.6



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: 60.349 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011844.D

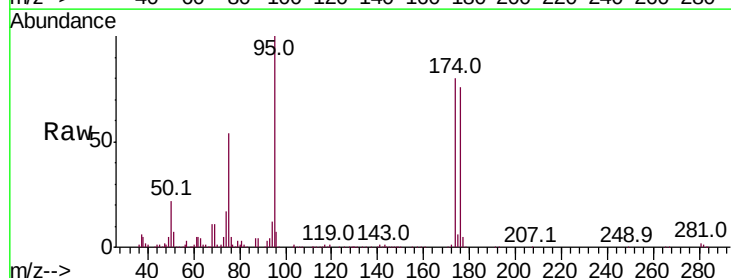
Acq: 12 Aug 2019 11:50

Tgt Ion: 75 Resp: 72302

Ion Ratio Lower Upper

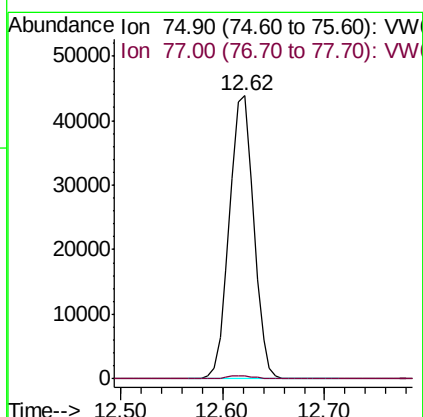
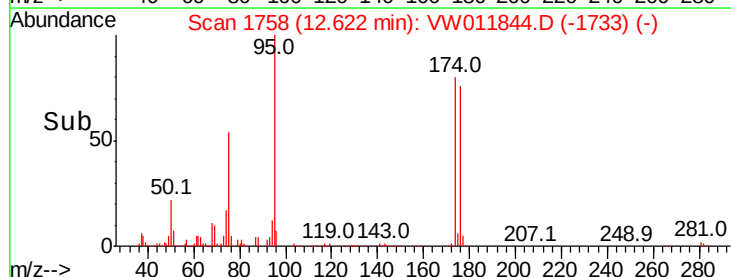
75 100

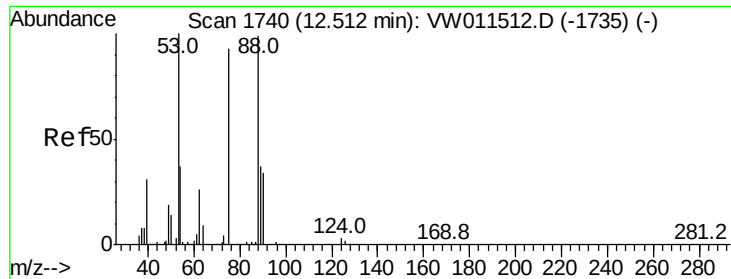
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

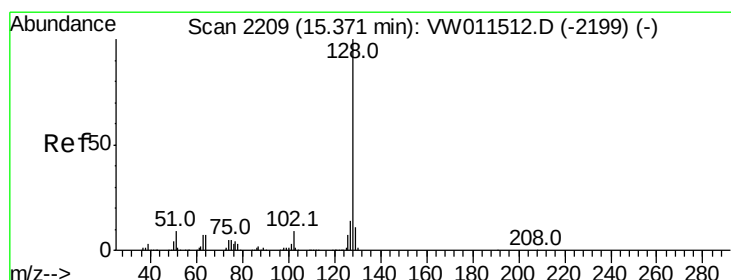
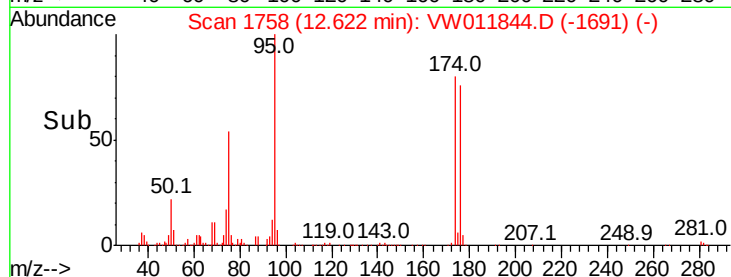
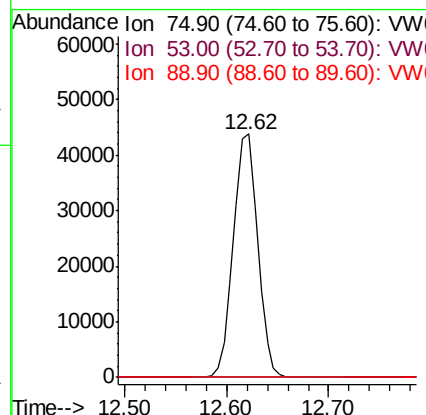
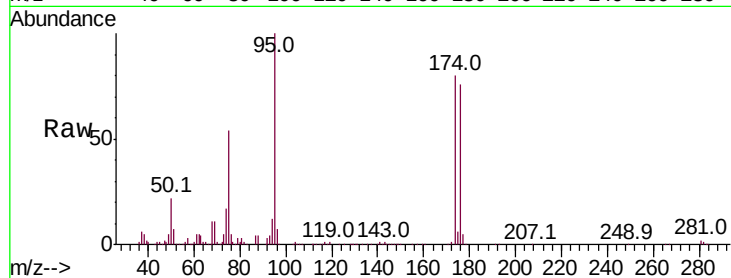




#81
trans-1,4-Dichloro-2-butene
Concen: 139.084 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 72302
Ion Ratio Lower Upper
75 100
53 0.2 88.0 132.0#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.235 ug/l
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW011844.D
Acq: 12 Aug 2019 11:50

Tgt Ion: 128 Resp: 788
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 0.0 8.6 13.0#

