

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011045.D
 Acq On : 28 Jun 2019 05:05
 Operator : SY/VA
 Sample : K3159-11
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 08:36:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137104	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	155549	52.99	ug/l	0.00
Spiked Amount						
			Recovery	=	105.98%	
35) Dibromofluoromethane	7.88	113	118170	50.53	ug/l	0.00
Spiked Amount						
			Recovery	=	101.06%	
50) Toluene-d8	10.32	98	481890	50.06	ug/l	0.00
Spiked Amount						
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	162973	46.29	ug/l	0.00
Spiked Amount						
			Recovery	=	92.58%	

Target Compounds

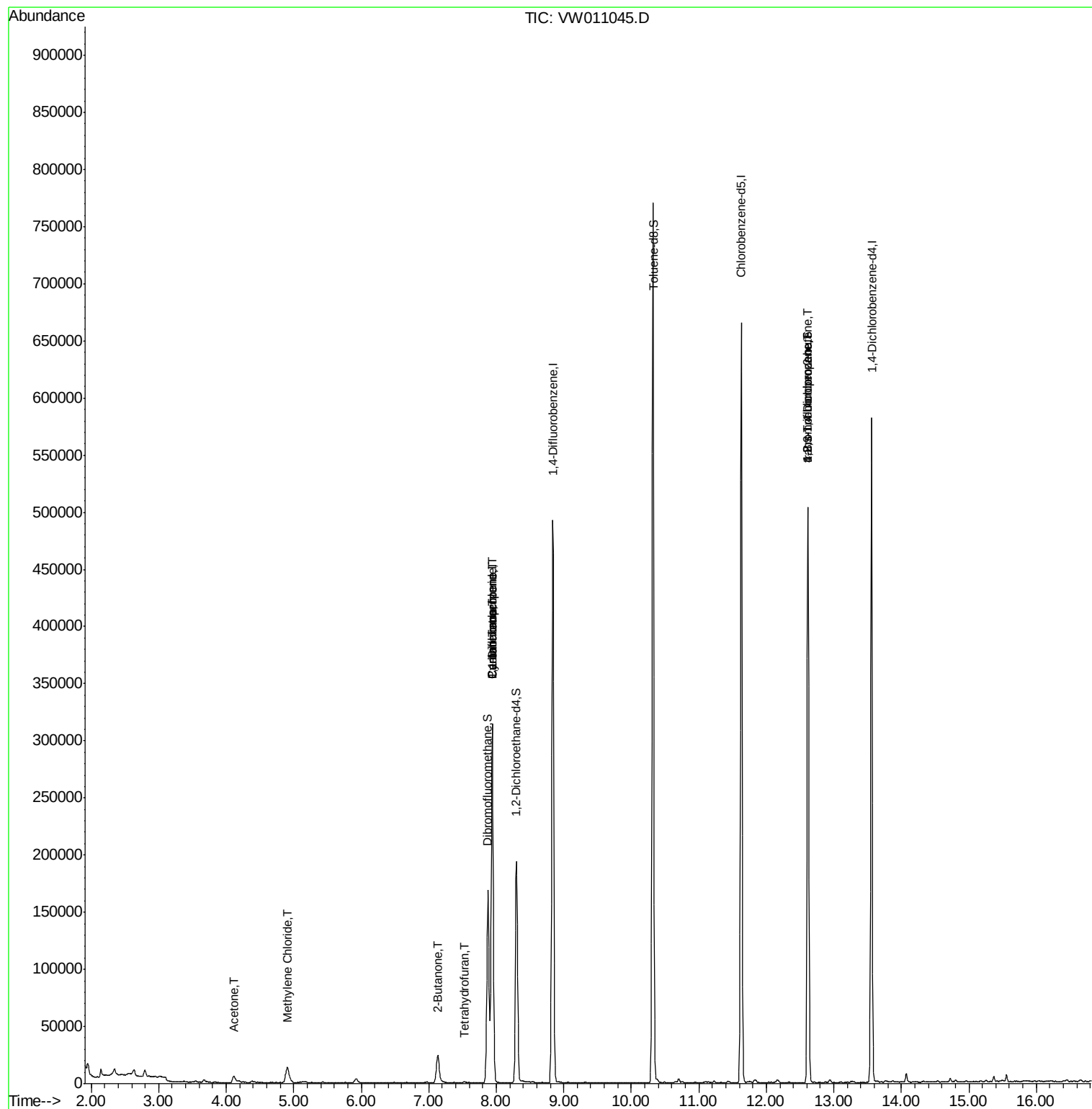
						Qvalue
16) Acetone	4.11	43	11783	16.446	ug/l	90
20) Methylene Chloride	4.91	84	10078	3.462	ug/l	93
25) 2-Butanone	7.12	43	2102	1.930	ug/l #	54
29) Tetrahydrofuran	7.52	42	793	1.170	ug/l #	70
31) Cyclohexane	7.94	56	6222	1.108	ug/l #	12
36) 1,1-Dichloropropene	7.94	75	20200	4.907	ug/l #	52
38) Carbon Tetrachloride	7.94	117	23143	6.827	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	89499	61.832	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89499	124.869	ug/l #	3

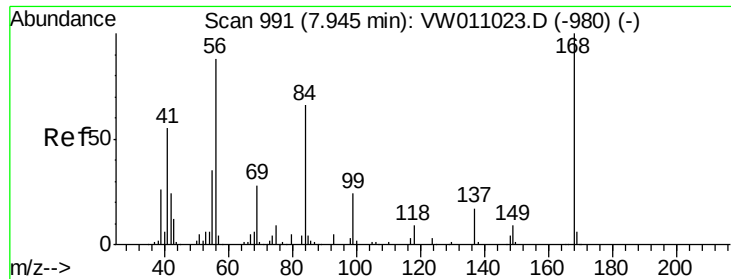
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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Quant Time: Jun 28 08:36:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011045.D

Acq: 28 Jun 2019 05:05

Instrument :

MSVOA_W

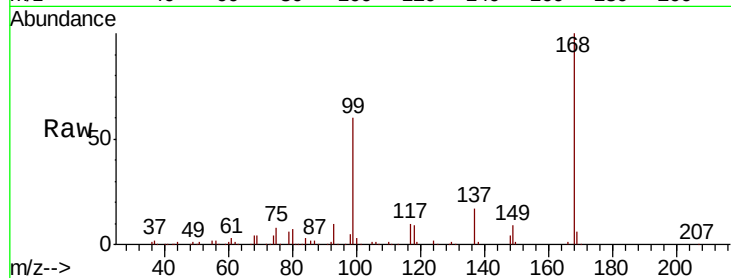
ClientSampleId :

Tot Ion:168 Resp: 224536

Ion Ratio Lower Upper

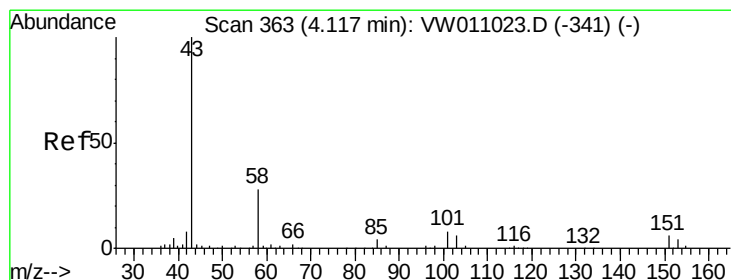
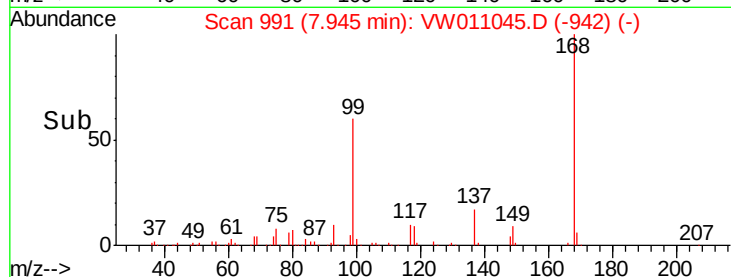
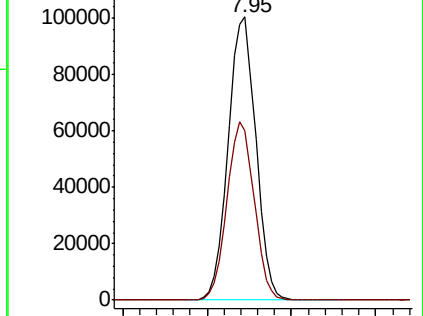
168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.446 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011045.D

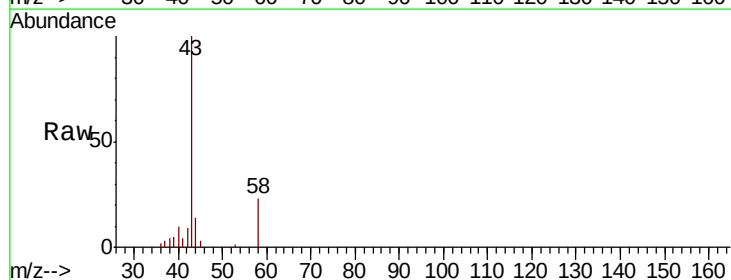
Acq: 28 Jun 2019 05:05

Tgt Ion: 43 Resp: 11783

Ion Ratio Lower Upper

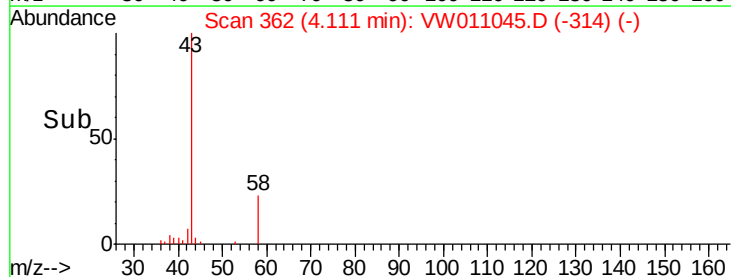
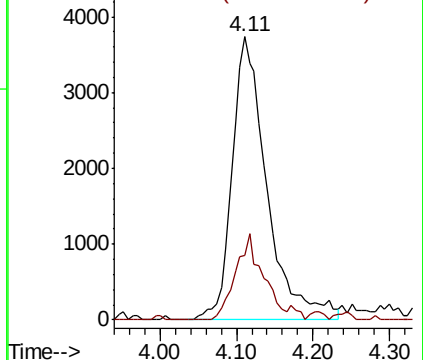
43 100

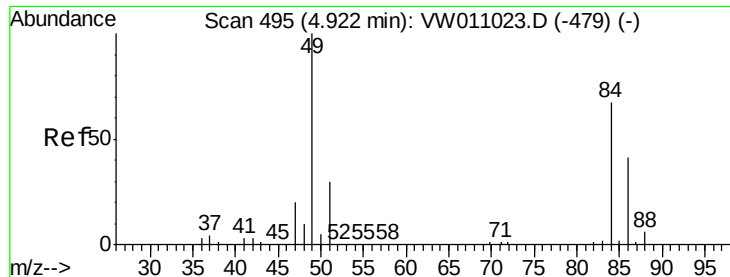
58 22.8 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

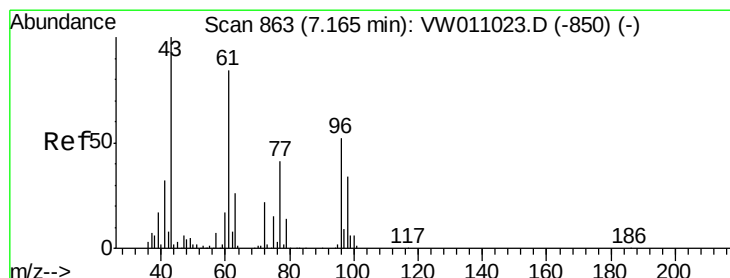
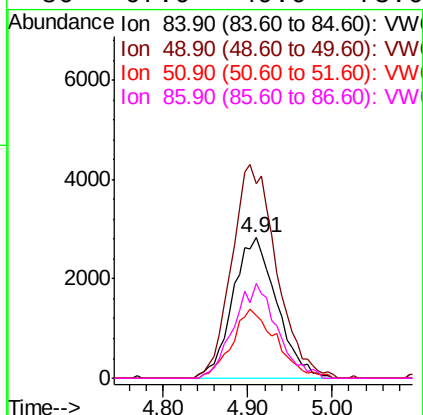
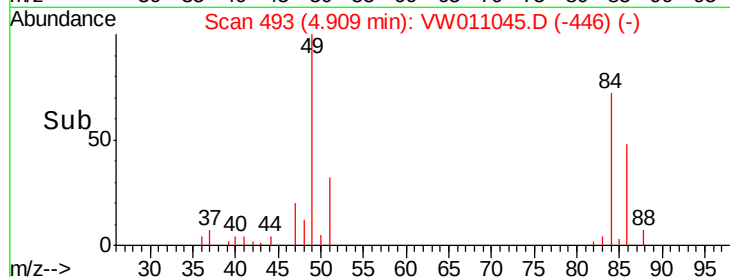
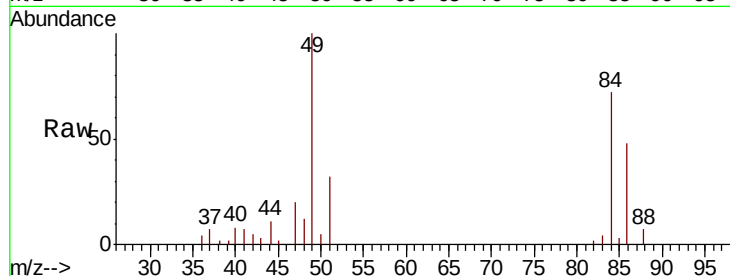




#20
Methvlene Chloride
Concen: 3.462 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

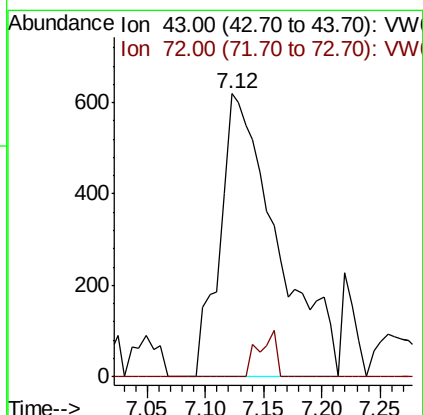
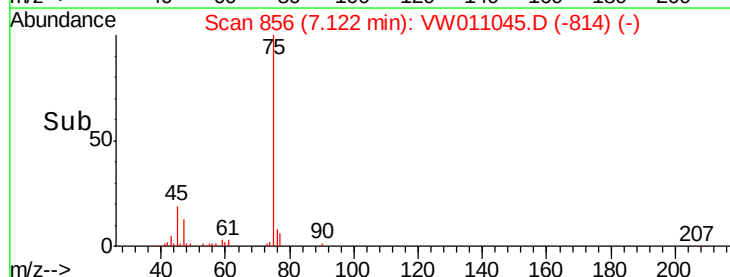
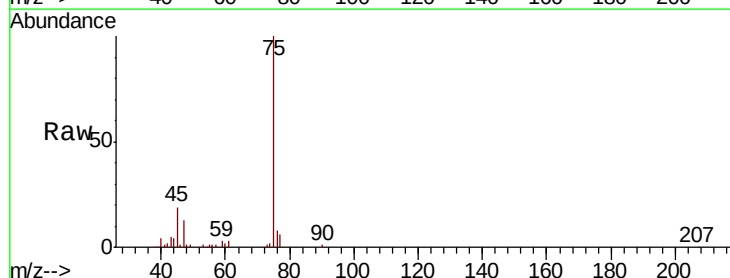
Instrument :
MSVOA_W
ClientSampled :

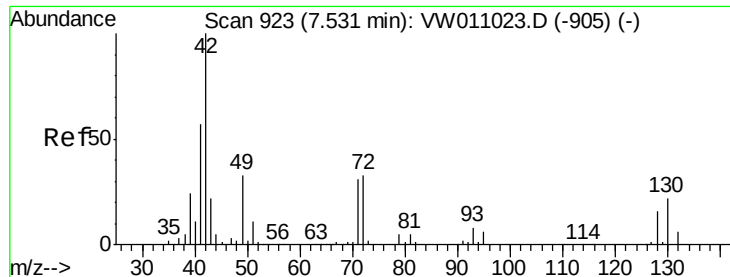
Tot Ion: 84 Resp: 10078
Ion Ratio Lower Upper
84 100
49 138.7 119.6 179.4
51 44.7 35.6 53.4
86 67.0 49.0 73.6



#25
2-Butanone
Concen: 1.930 ug/l
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
72 0.0 17.2 25.8#

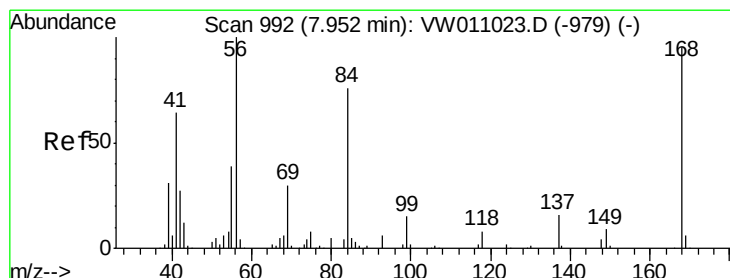
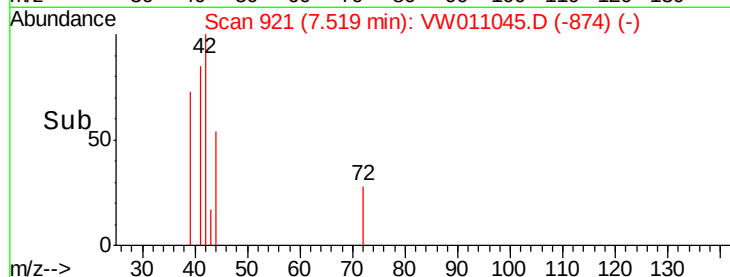
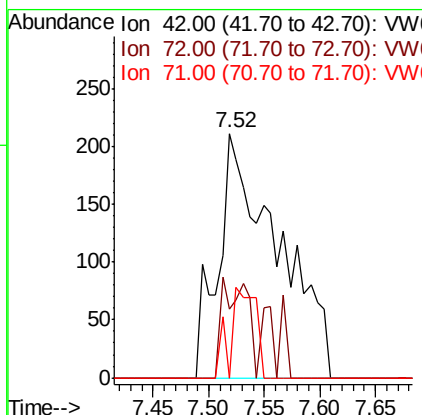
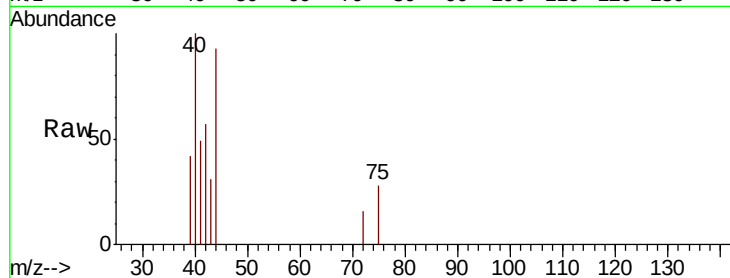




#29
Tetrahydrofuran
Concen: 1.170 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

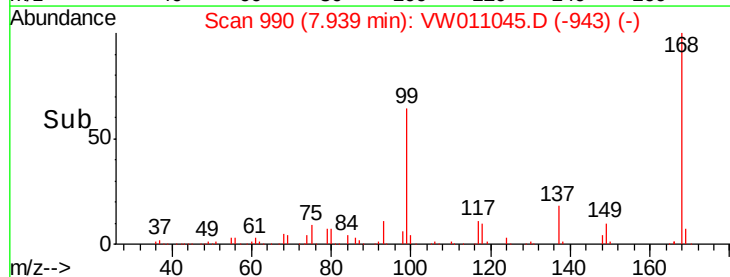
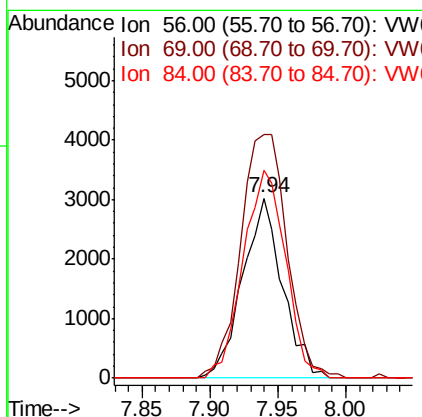
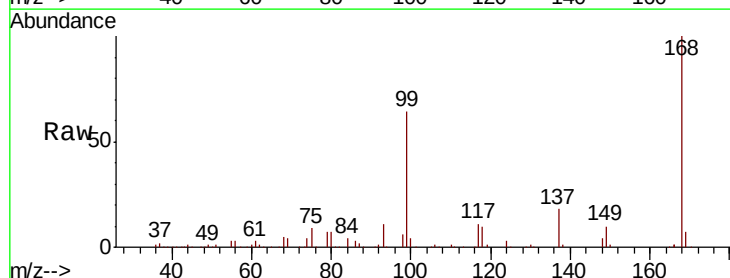
Instrument :
MSVOA_W
ClientSampleId :

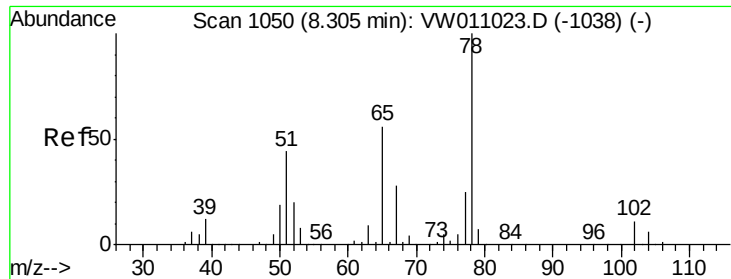
Tot Ion: 42 Resp: 793
Ion Ratio Lower Upper
42 100
72 16.8 27.4 41.0#
71 15.6 25.6 38.4#



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

Tgt Ion: 56 Resp: 6222
Ion Ratio Lower Upper
56 100
69 135.5 24.2 36.2#
84 115.3 60.6 90.8#

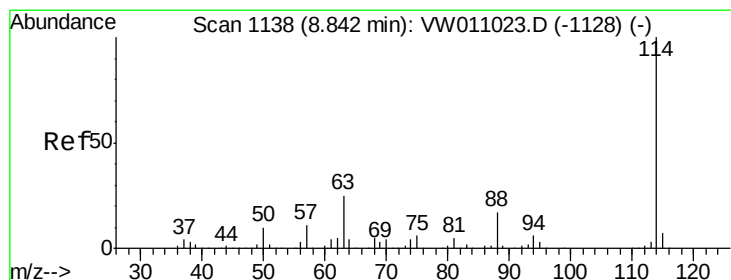
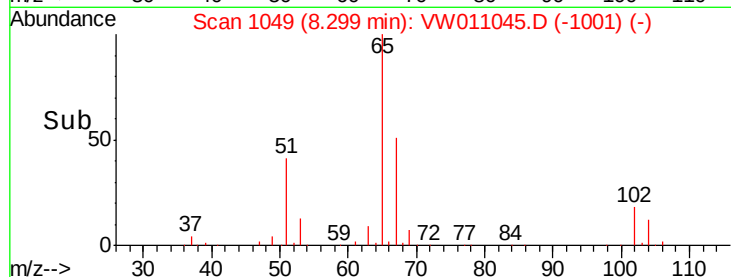
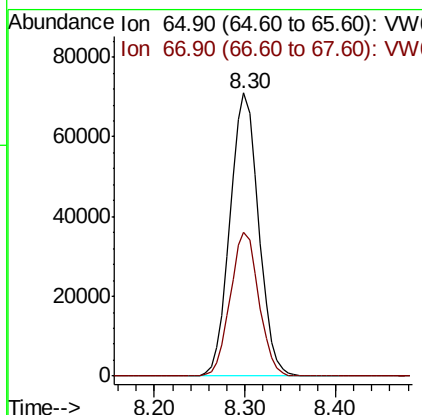
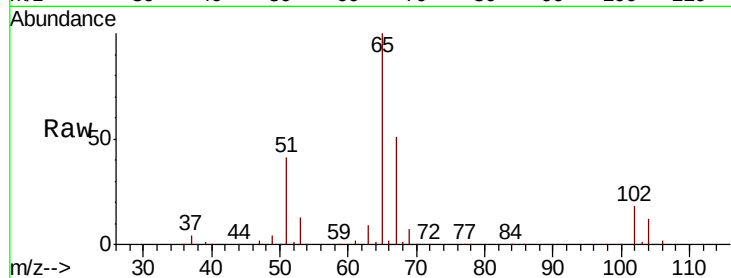




#33
 1,2-Dichloroethane-d4
 Concen: 52.993 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

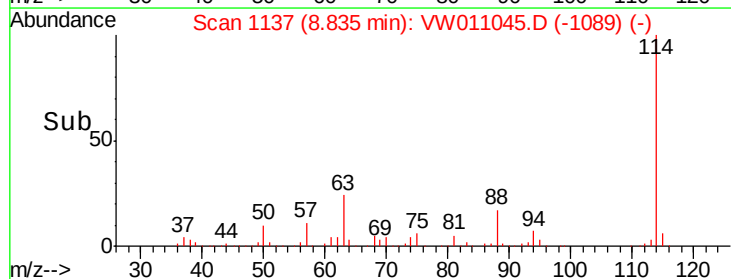
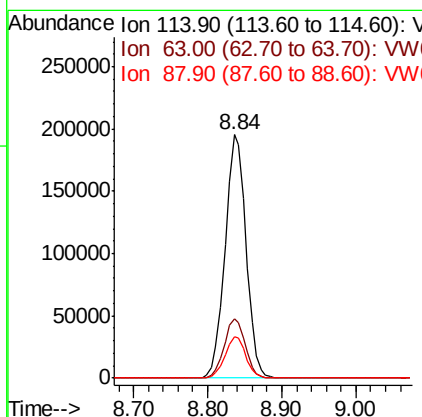
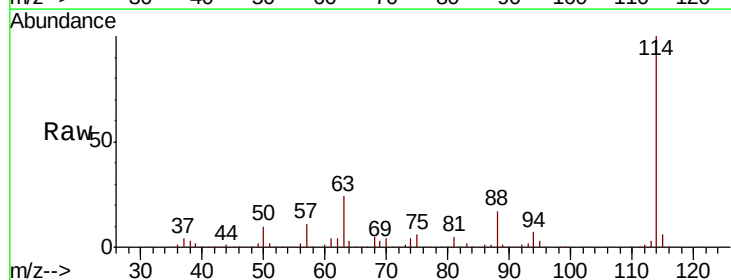
Instrument :
 MSVOA_W
 ClientSampleId :

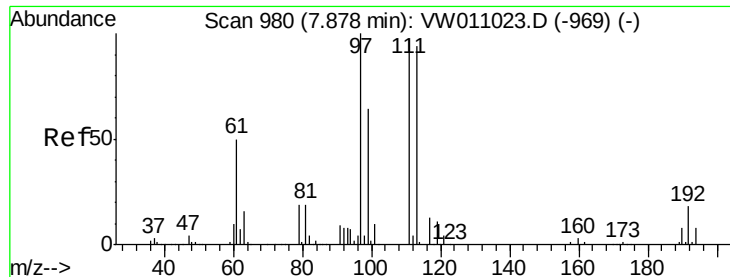
Tot Ion: 65 Resp: 155549
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

Tgt Ion: 114 Resp: 383001
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.6
 88 16.8 0.0 34.0

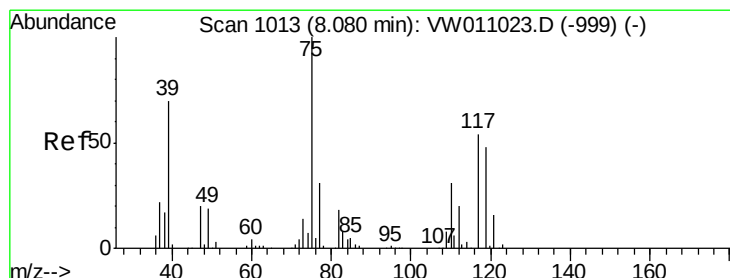
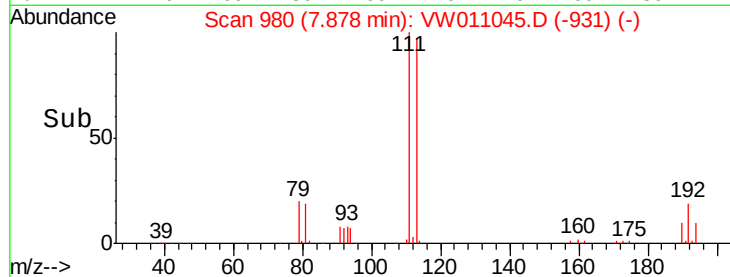
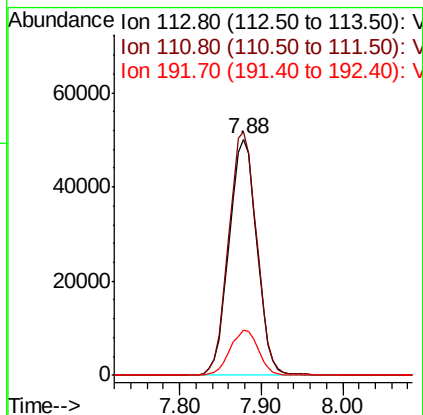
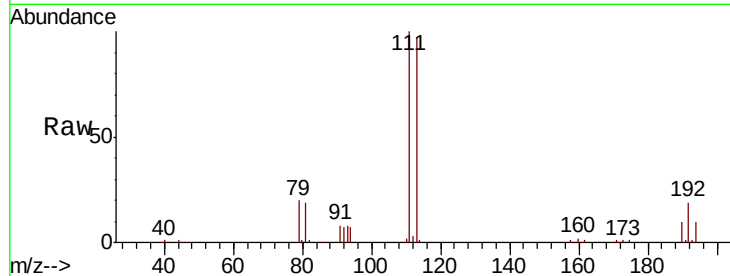




#35
 Dibromofluoromethane
 Concen: 50.527 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

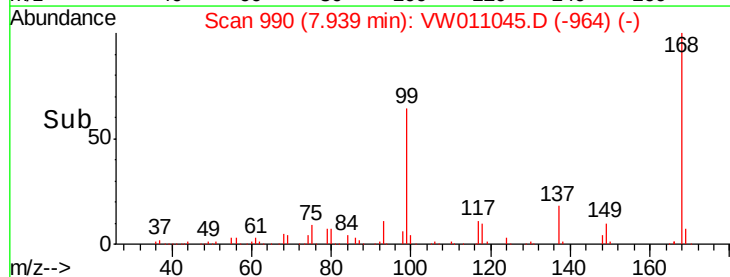
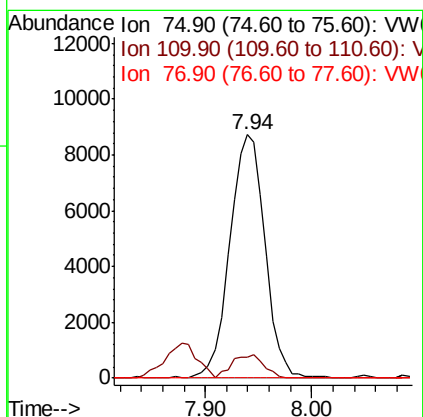
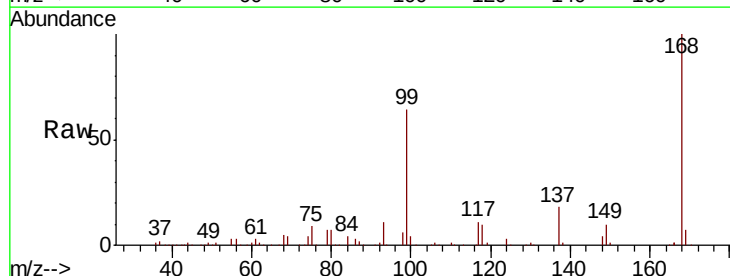
Instrument :
 MSVOA_W
 ClientSampleId :

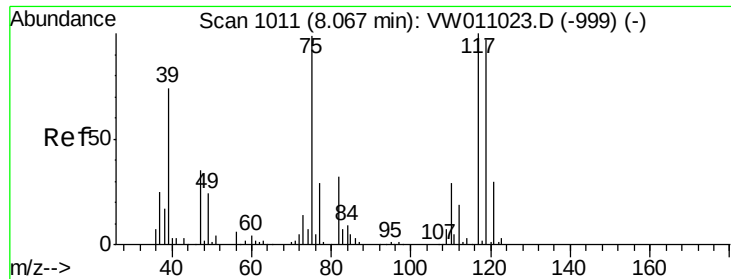
Tot Ion:113 Resp: 118170
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 19.3 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

Tgt Ion: 75 Resp: 20200
 Ion Ratio Lower Upper
 75 100
 110 8.8 15.5 46.5#
 77 0.0 24.9 37.3#

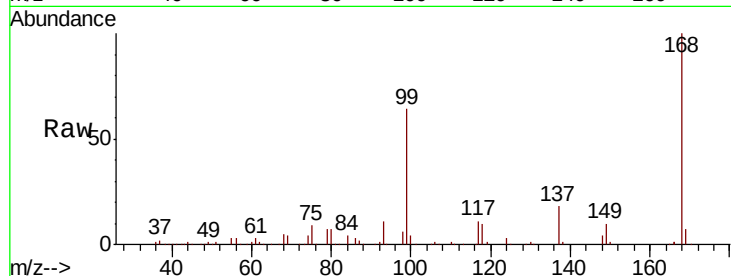




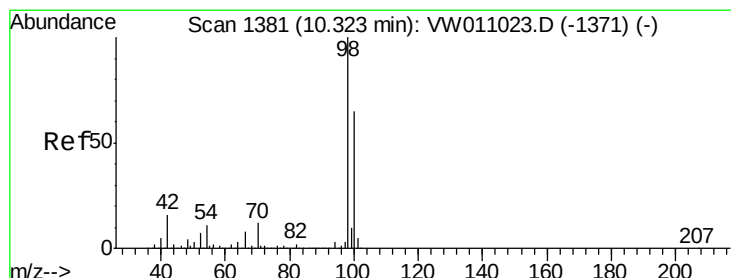
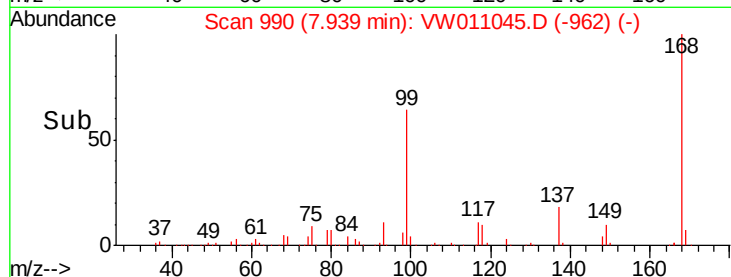
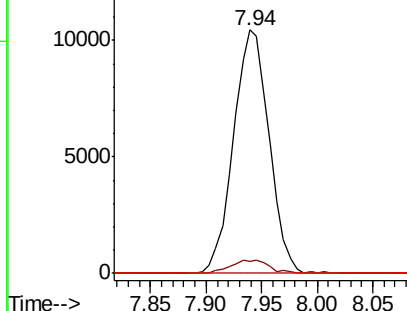
#38
Carbon Tetrachloride
Concen: 6.827 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 23143
Ion Ratio Lower Upper
117 100
119 5.1 77.7 116.5#
121 0.0 23.9 35.9#

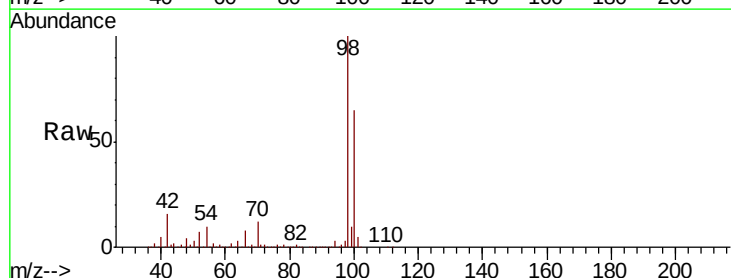


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

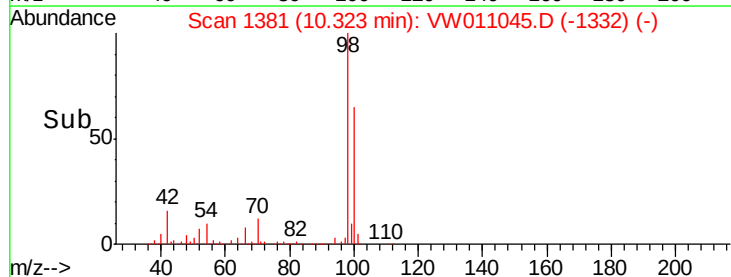
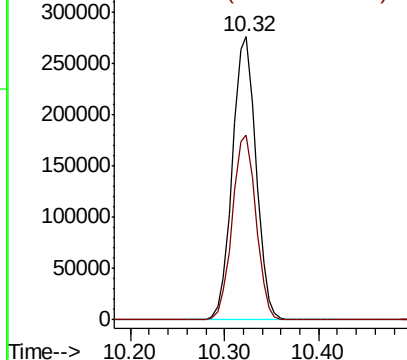


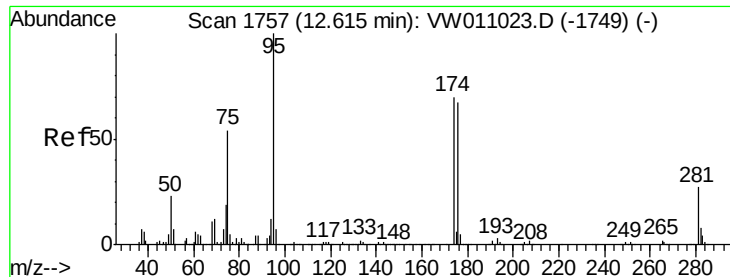
#50
Toluene-d8
Concen: 50.056 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

Tgt Ion: 98 Resp: 481890
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



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





#62

4-Bromofluorobenzene

Concen: 46.285 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011045.D

Acq: 28 Jun 2019 05:05

Instrument :

MSVOA_W

ClientSampled :

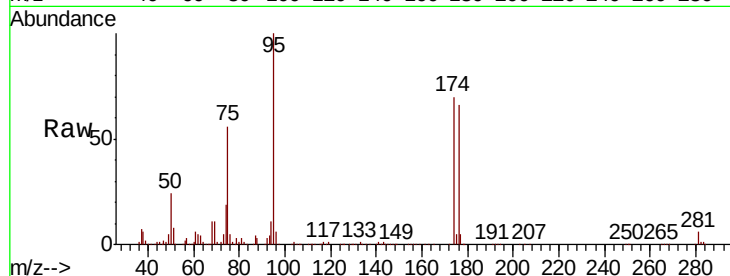
Tot Ion: 95 Resp: 162973

Ion Ratio Lower Upper

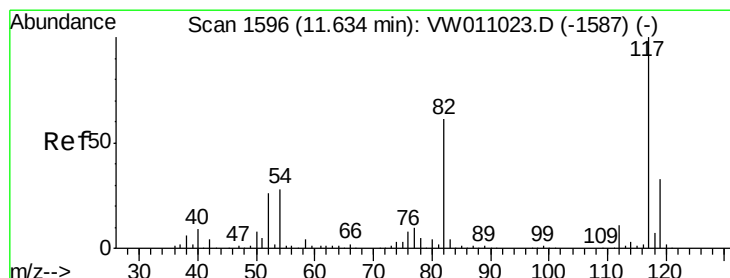
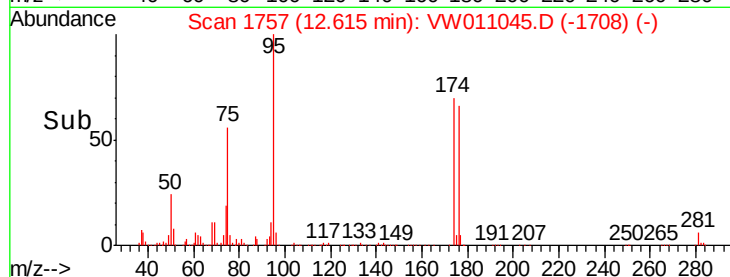
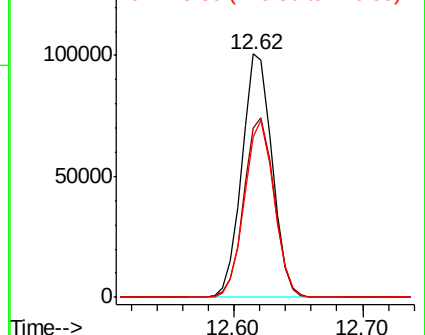
95 100

174 74.1 0.0 149.2

176 71.4 0.0 143.6



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: VW011045.D

Acq: 28 Jun 2019 05:05

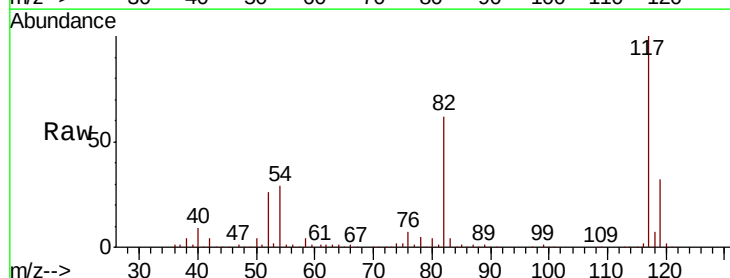
Tgt Ion: 117 Resp: 337675

Ion Ratio Lower Upper

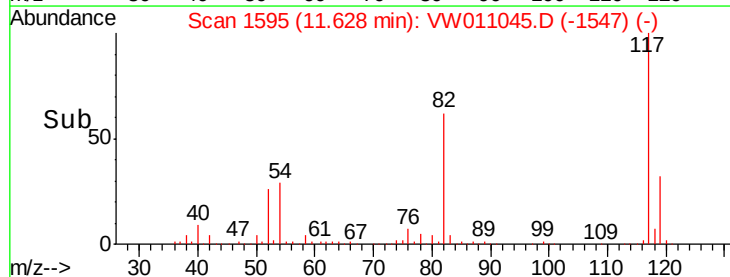
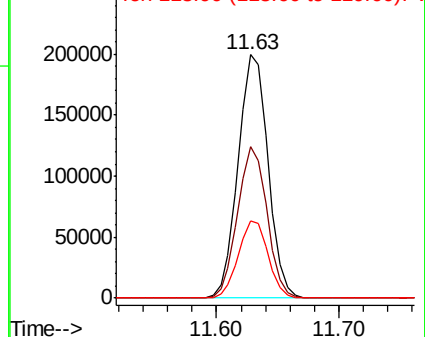
117 100

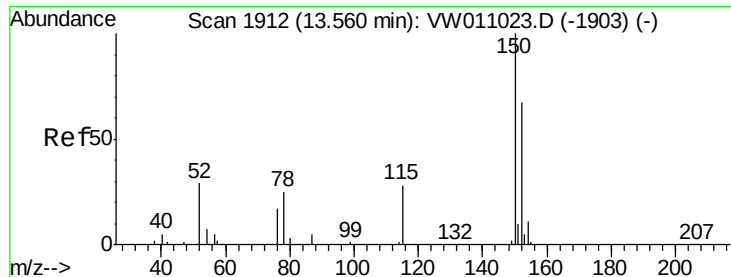
82 62.1 48.6 73.0

119 31.6 26.1 39.1



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: VW011045.D

Acq: 28 Jun 2019 05:05

Instrument :

MSVOA_W

ClientSampleId :

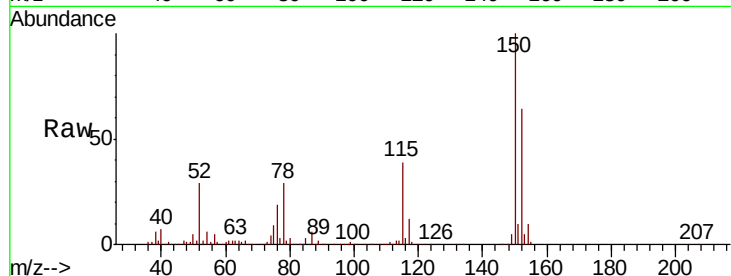
Tot Ion:152 Resp: 137104

Ion Ratio Lower Upper

152 100

115 61.3 30.7 92.1

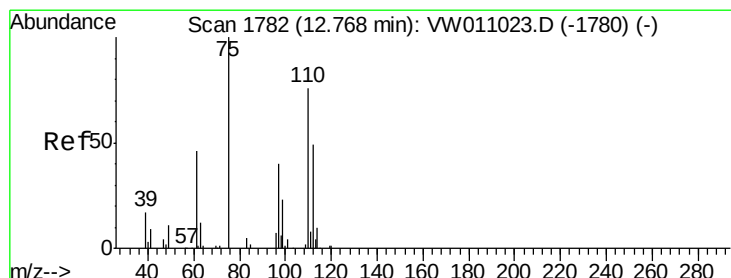
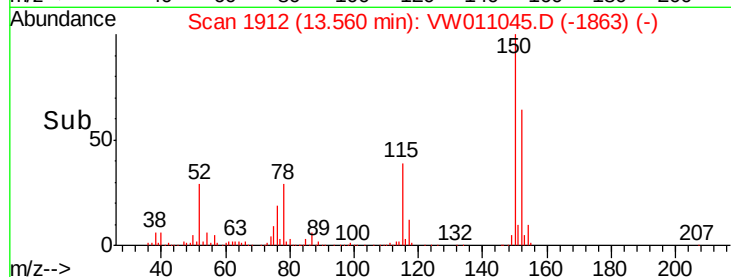
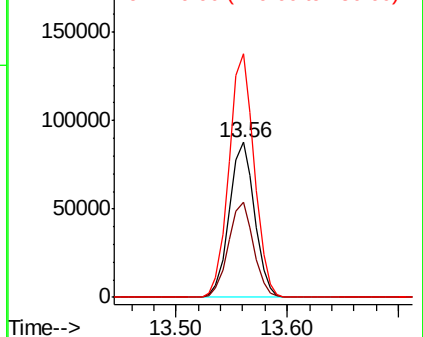
150 157.3 0.0 341.8



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: 61.832 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011045.D

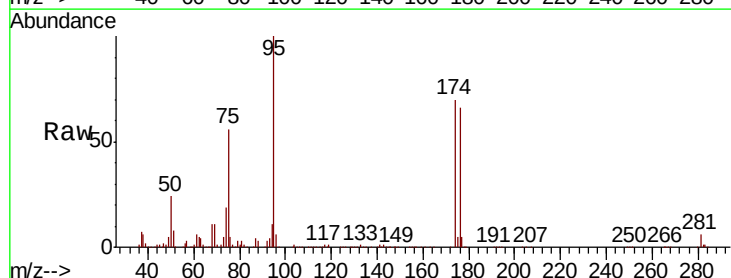
Acq: 28 Jun 2019 05:05

Tgt Ion: 75 Resp: 89499

Ion Ratio Lower Upper

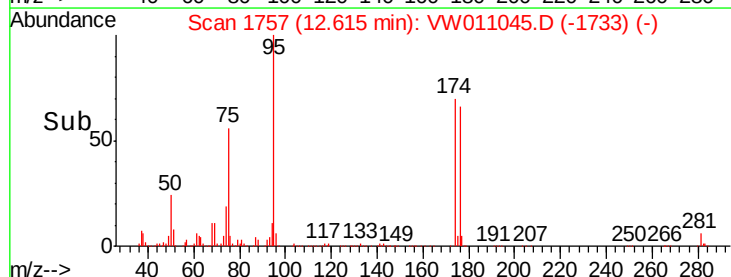
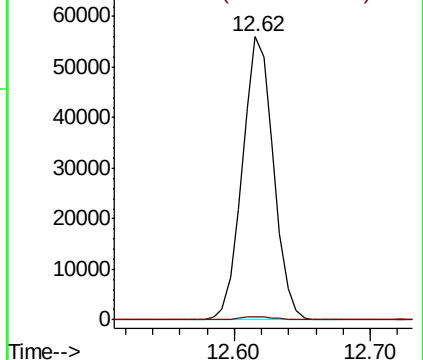
75 100

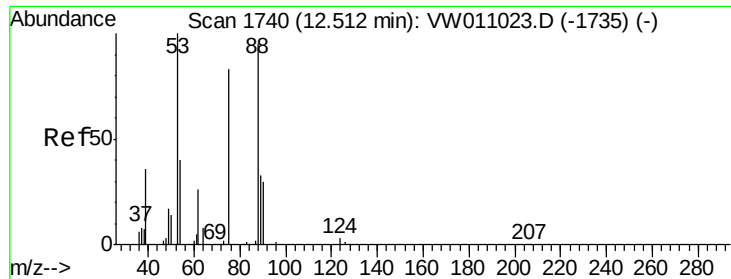
77 1.2 0.0 0.0#



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: 124.869 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011045.D

Acq: 28 Jun 2019 05:05

Instrument :

MSVOA_W

ClientSampleId :

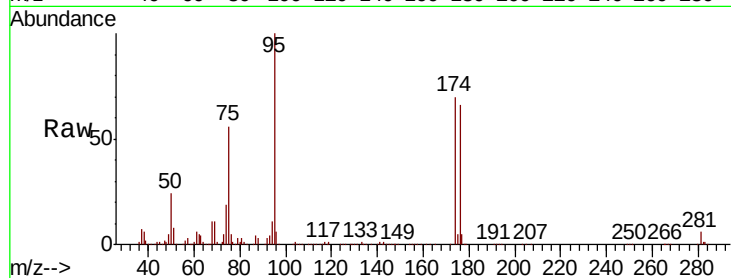
Tot Ion: 75 Resp: 89499

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

