

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011851.D
 Acq On : 12 Aug 2019 14:50
 Operator : SY/VA
 Sample : K4229-06
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 07:46:09 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

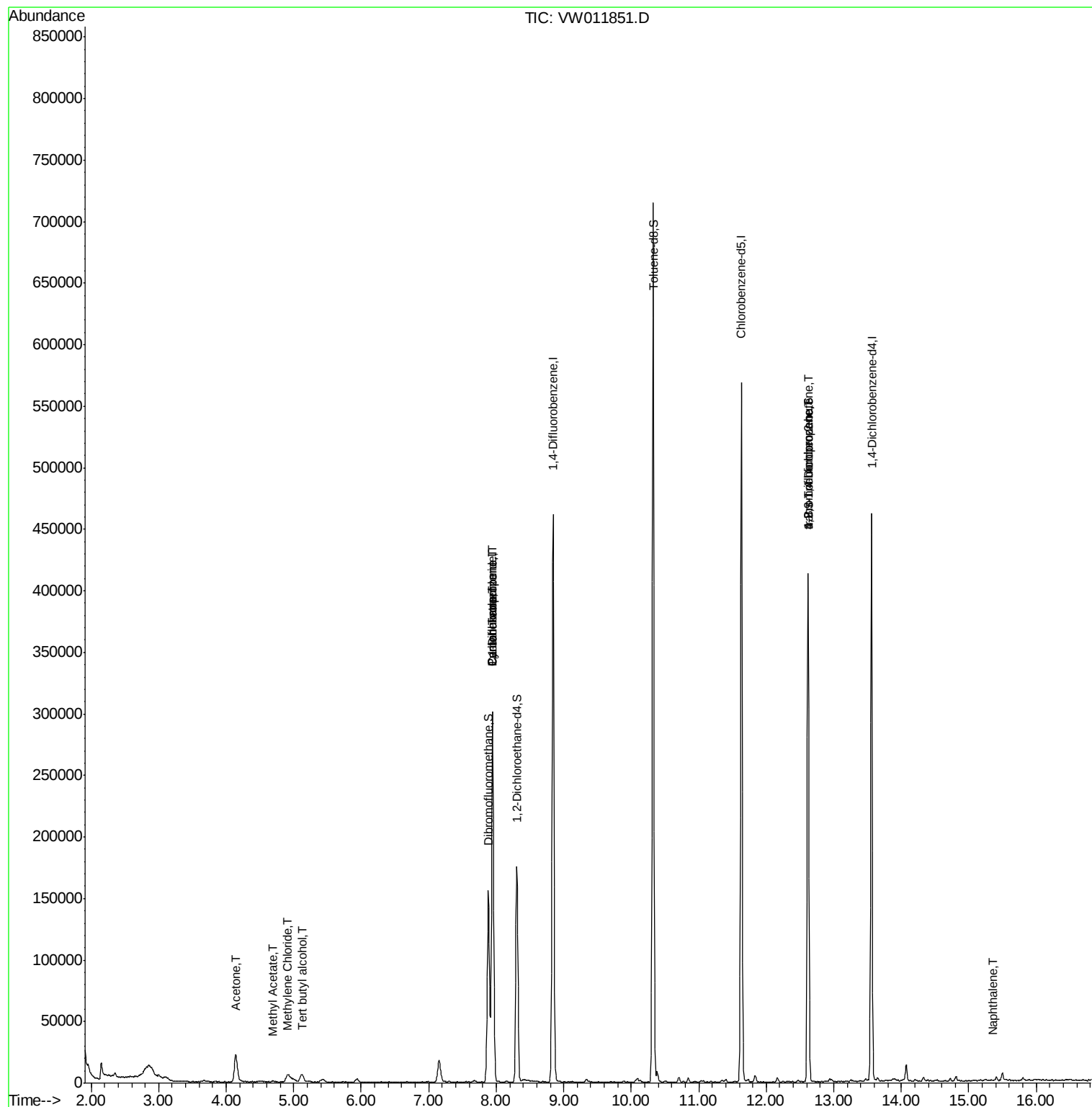
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140350	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	7.88	113	110896	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
50) Toluene-d8	10.32	98	438312	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.62	95	134586	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	6581	20.259	ug/l #	72
16) Acetone	4.14	43	47820	61.777	ug/l	96
18) Methyl Acetate	4.68	43	2820	1.622	ug/l #	89
20) Methylene Chloride	4.91	84	4079	1.528	ug/l #	89
31) Cyclohexane	7.94	56	5761	1.266	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	18413	4.964	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21718	6.840	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	72791	61.223	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72791	141.099	ug/l #	6
95) Naphthalene	15.36	128	630	2.202	ug/l #	92

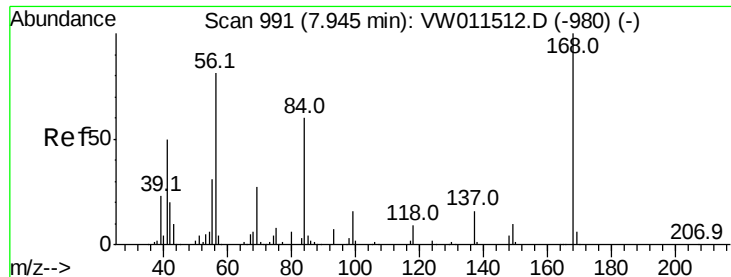
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011851.D

Acq: 12 Aug 2019 14:50

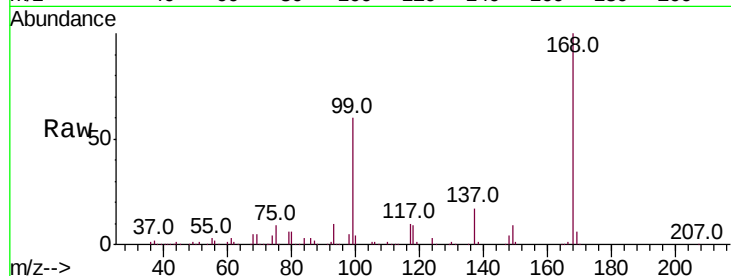
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 211921

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

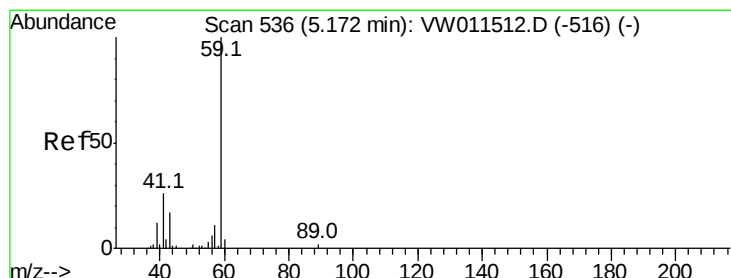
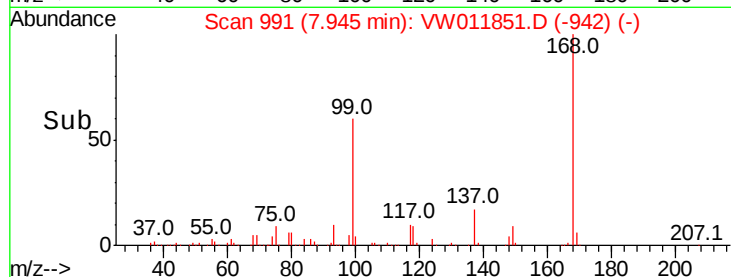
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 20.259 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: VW011851.D

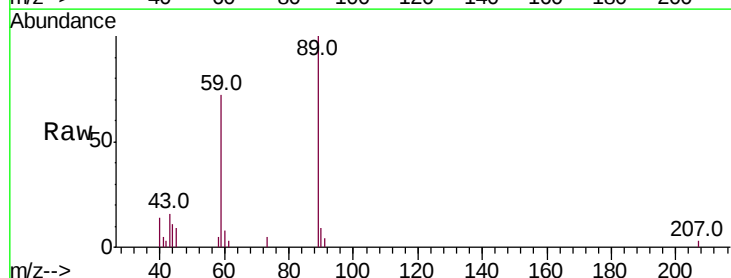
Acq: 12 Aug 2019 14:50

Tgt Ion: 59 Resp: 6581

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

2000

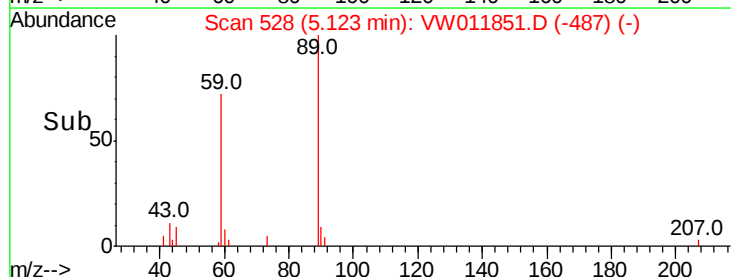
1500

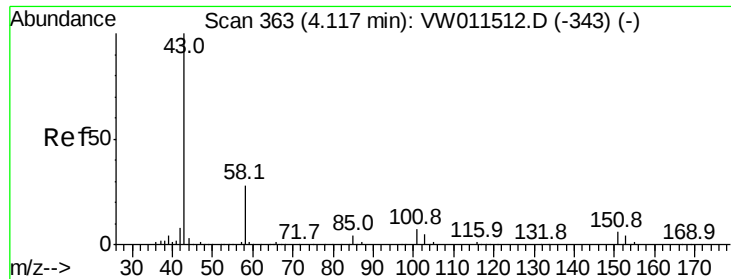
1000

500

0

Time--> 5.00 5.10 5.20





#16

Acetone

Concen: 61.777 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

Instrument :

MSVOA_W

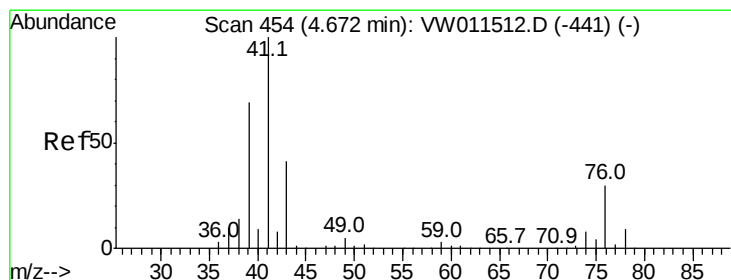
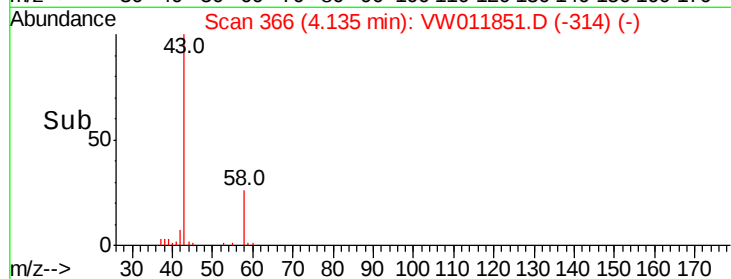
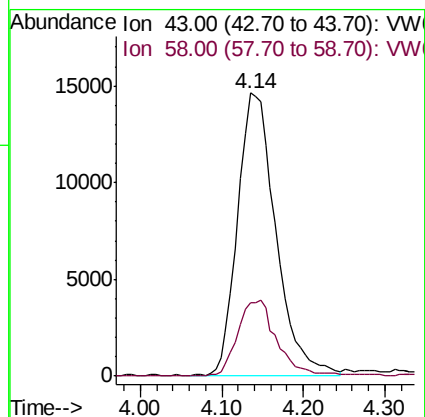
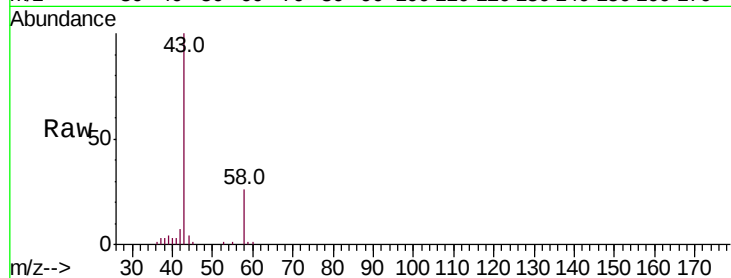
ClientSampleId :

Tot Ion: 43 Resp: 47820

Ion Ratio Lower Upper

43 100

58 25.8 22.3 33.5



#18

Methyl Acetate

Concen: 1.622 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW011851.D

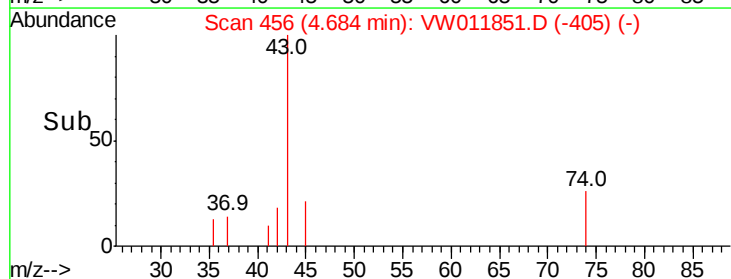
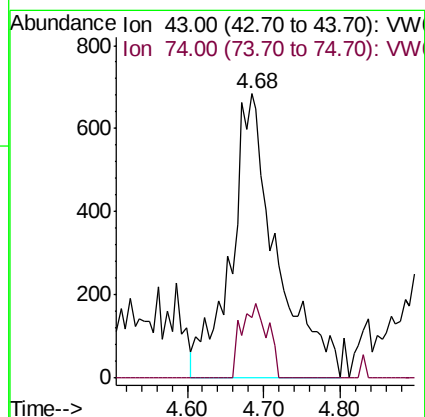
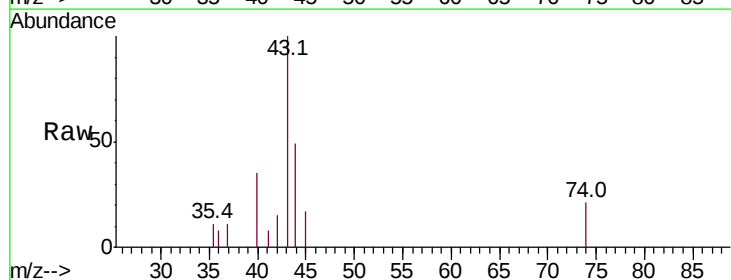
Acq: 12 Aug 2019 14:50

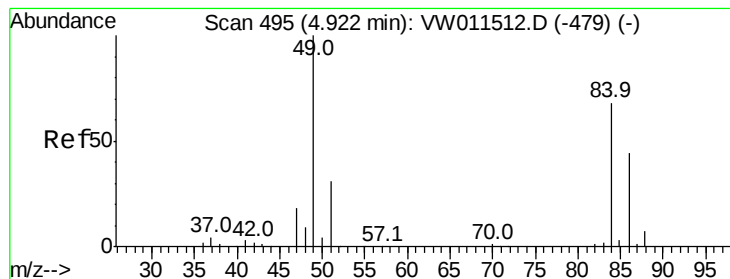
Tgt Ion: 43 Resp: 2820

Ion Ratio Lower Upper

43 100

74 15.0 15.9 23.9#





#20

Methvlene Chloride

Concen: 1.528 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 4079

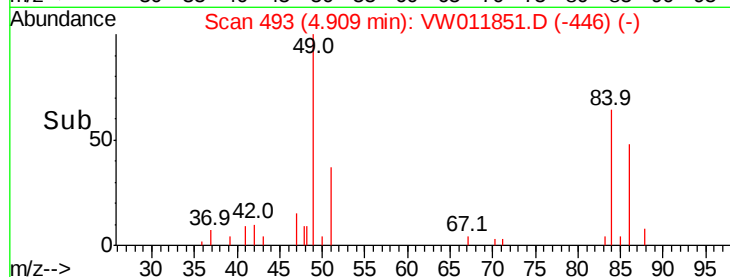
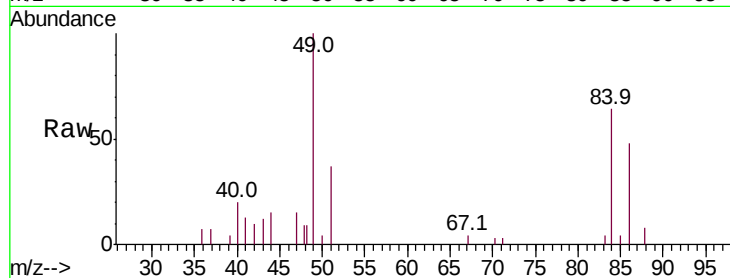
Ion Ratio Lower Upper

84 100

49 157.3 117.8 176.6

51 57.7 37.0 55.4#

86 75.8 51.8 77.8

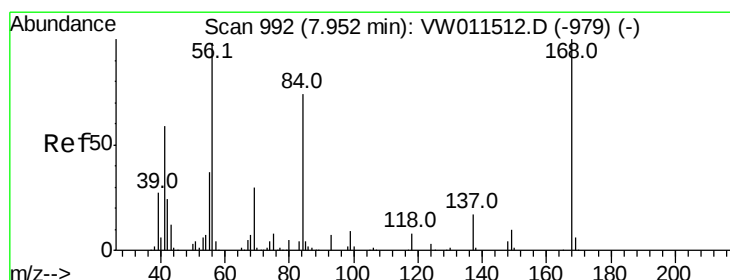
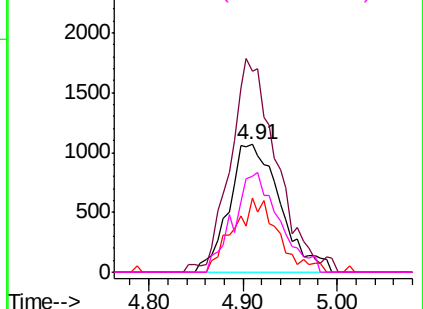


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.266 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

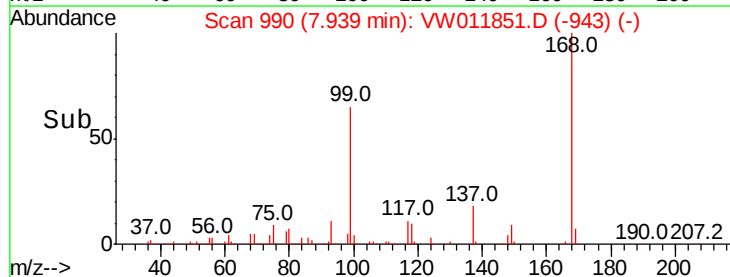
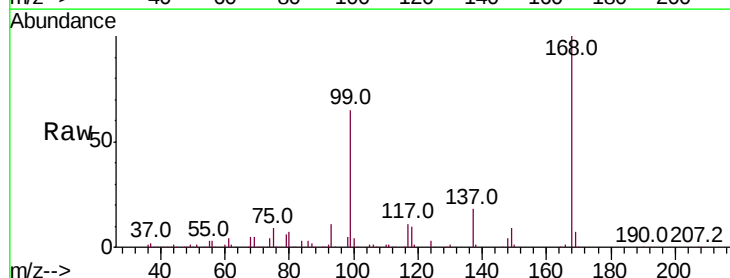
Tgt Ion: 56 Resp: 5761

Ion Ratio Lower Upper

56 100

69 159.4 24.3 36.5#

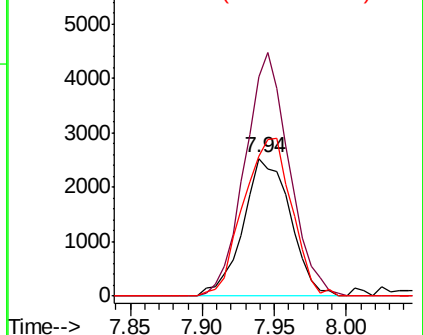
84 102.1 60.4 90.6#

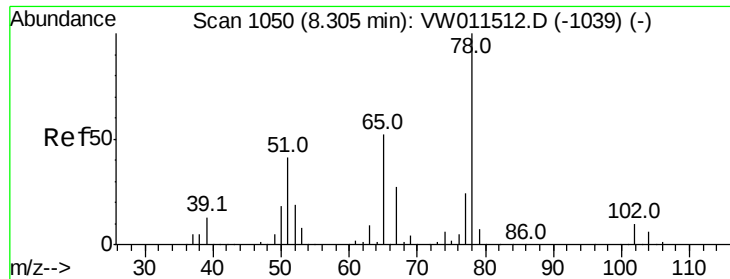


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

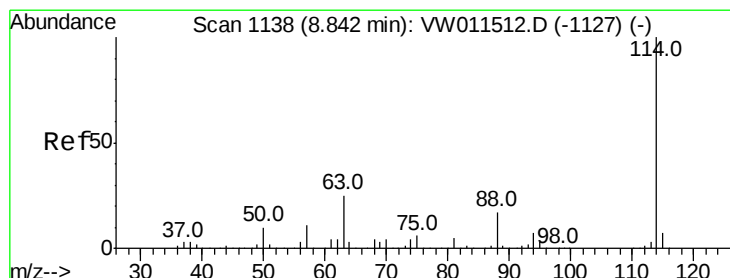
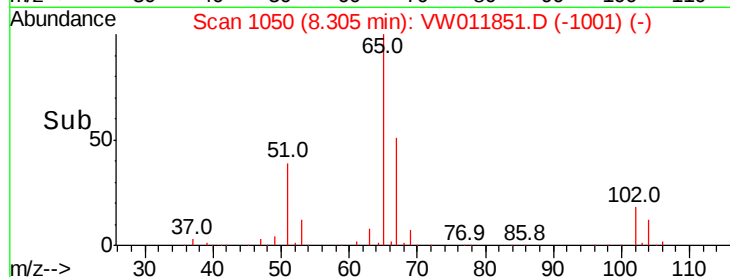
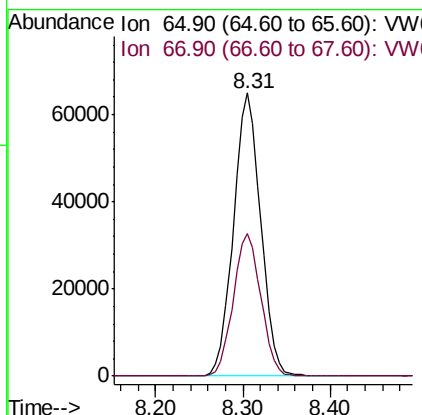
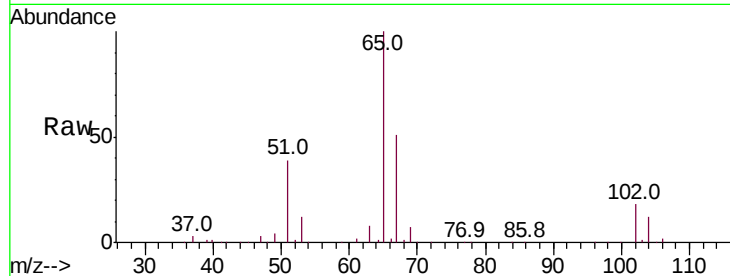




#33
 1,2-Dichloroethane-d4
 Concen: 57.675 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011851.D
 Acq: 12 Aug 2019 14:50

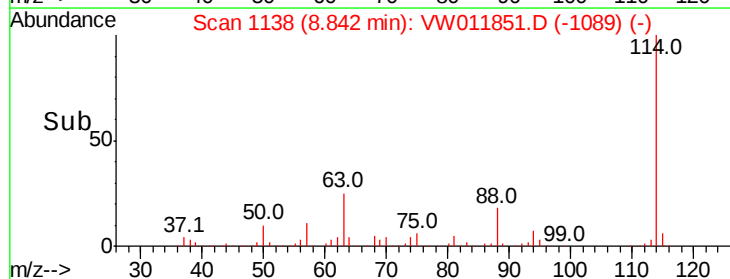
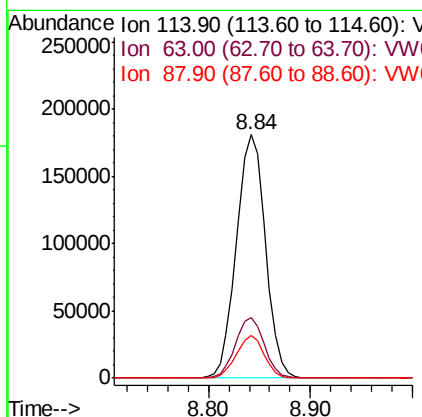
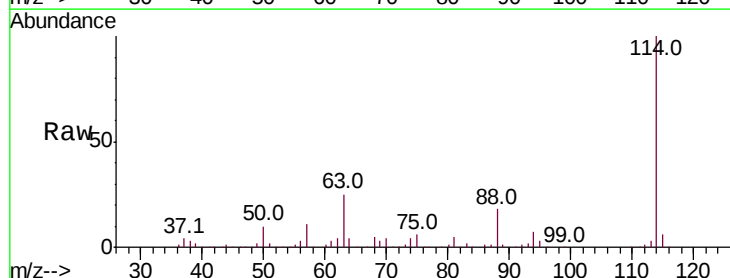
Instrument :
 MSVOA_W
 ClientSampleId :

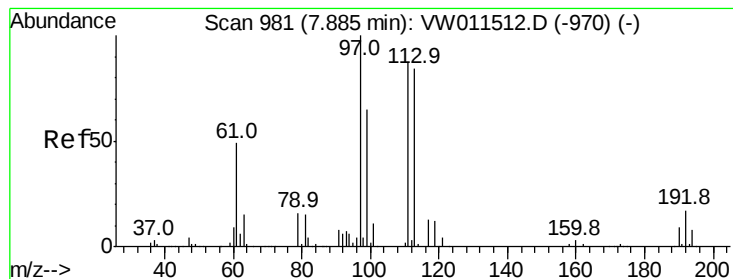
Tot Ion: 65 Resp: 140350
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011851.D
 Acq: 12 Aug 2019 14:50

Tgt Ion: 114 Resp: 356698
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.416 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :

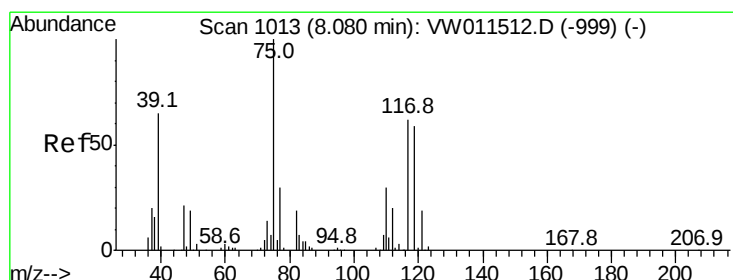
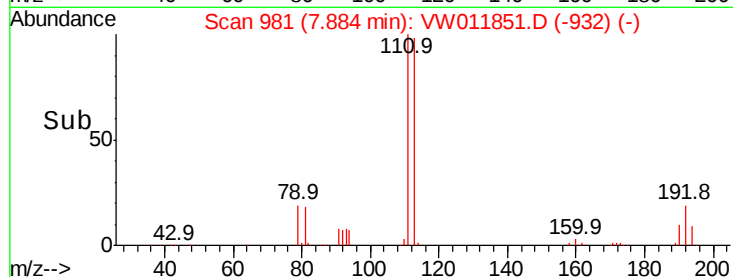
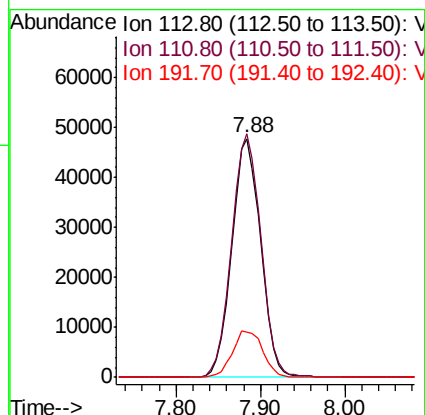
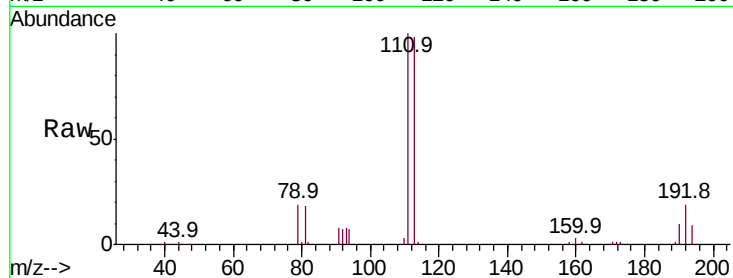
Tot Ion:113 Resp: 110896

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

192 20.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.964 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011851.D

Acq: 12 Aug 2019 14:50

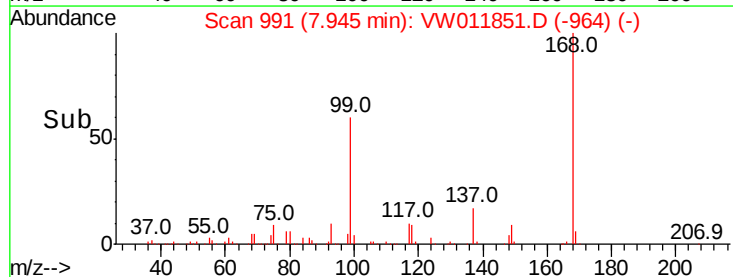
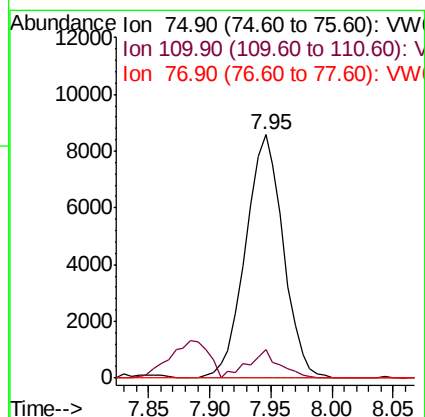
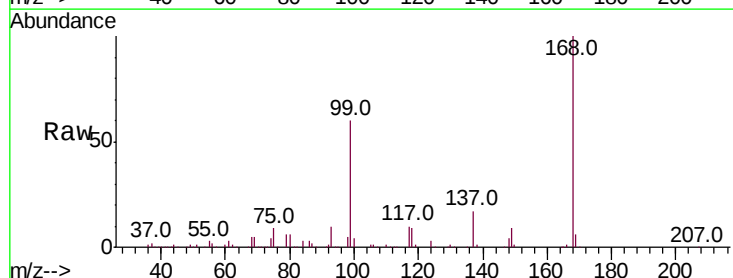
Tgt Ion: 75 Resp: 18413

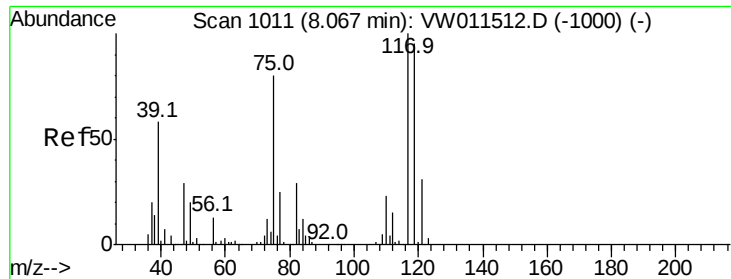
Ion Ratio Lower Upper

75 100

110 8.8 15.6 46.8#

77 0.0 24.3 36.5#

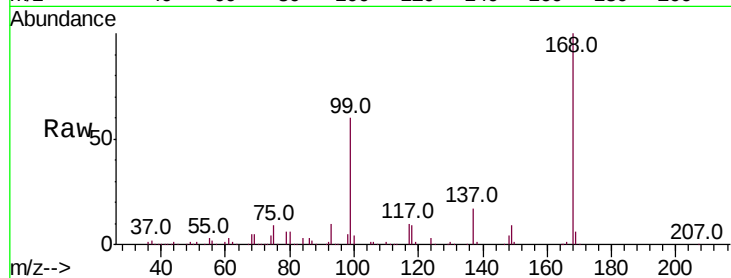




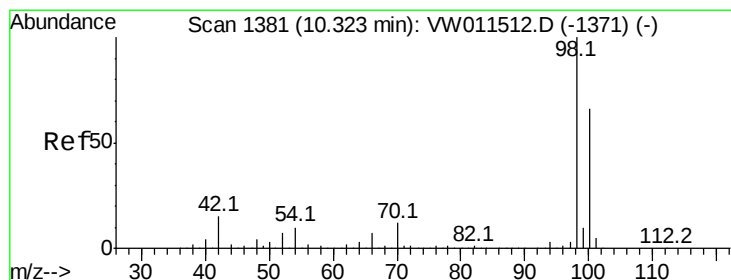
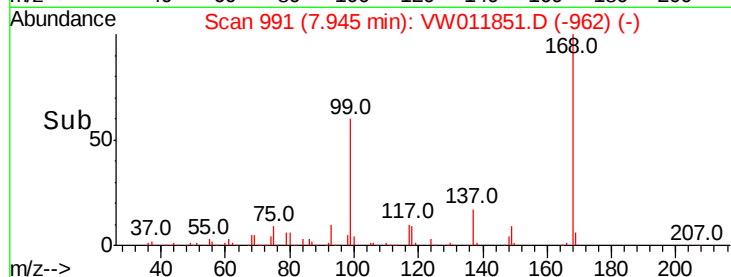
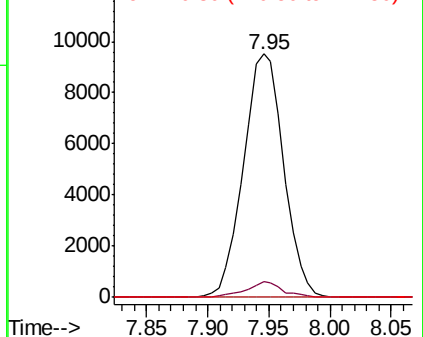
#38
Carbon Tetrachloride
Concen: 6.840 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 21718
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.7 37.1#

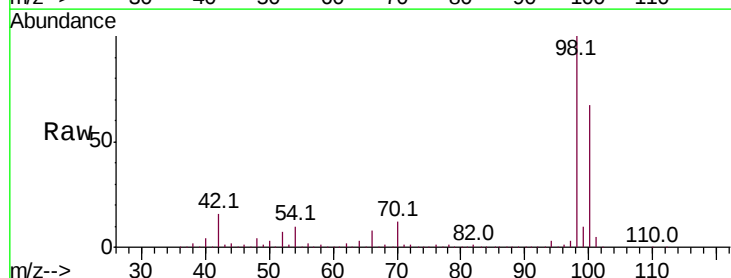


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

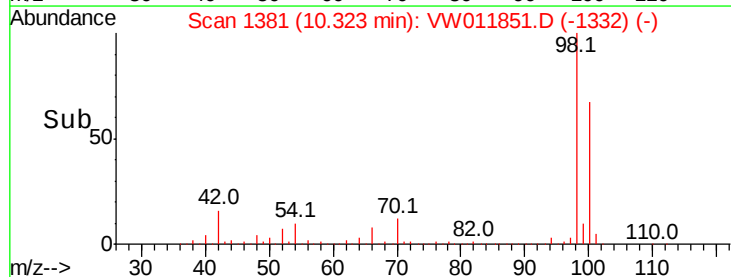
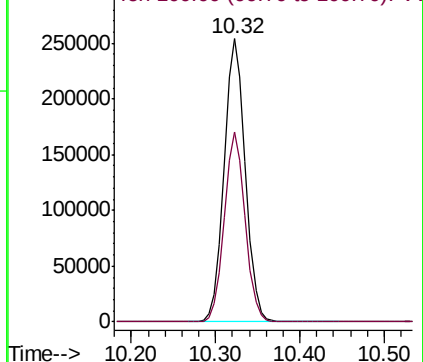


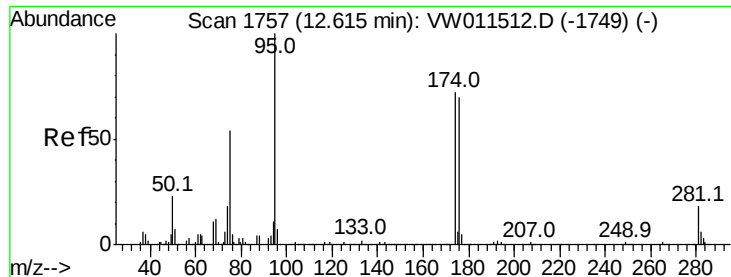
#50
Toluene-d8
Concen: 53.497 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Tgt Ion: 98 Resp: 438312
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): V

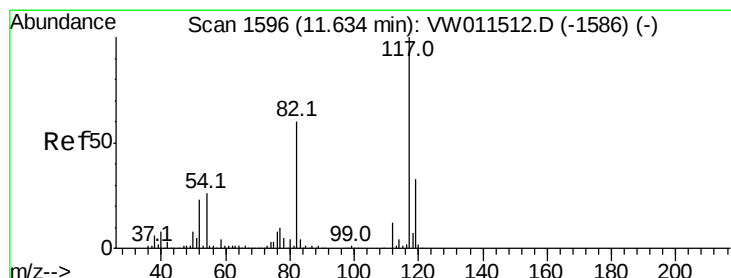
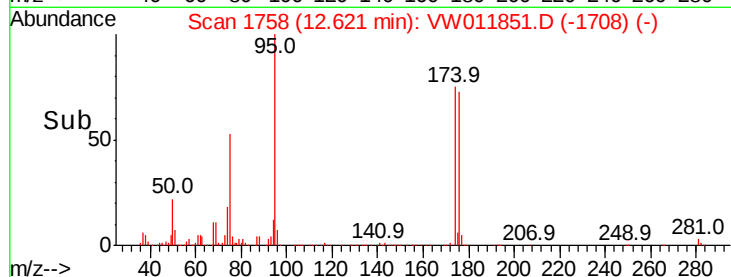
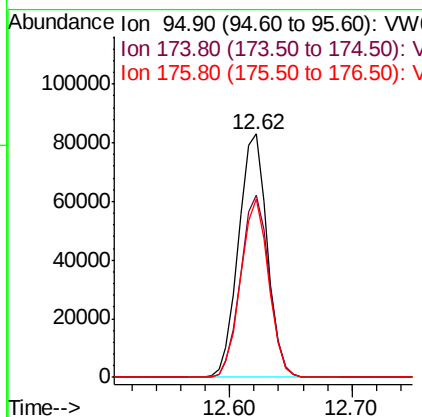
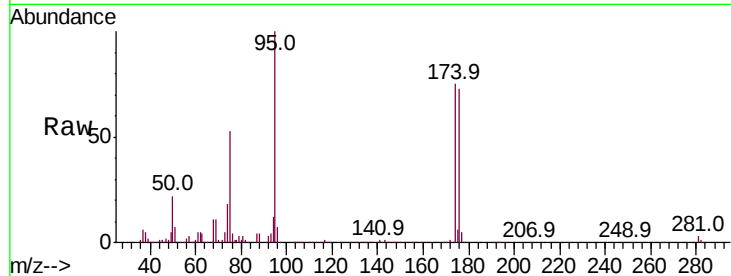




#62
4-Bromofluorobenzene
Concen: 46.074 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

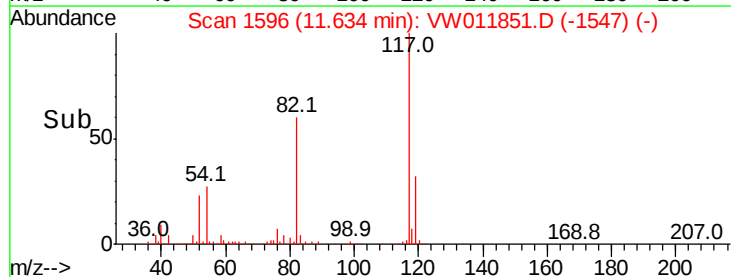
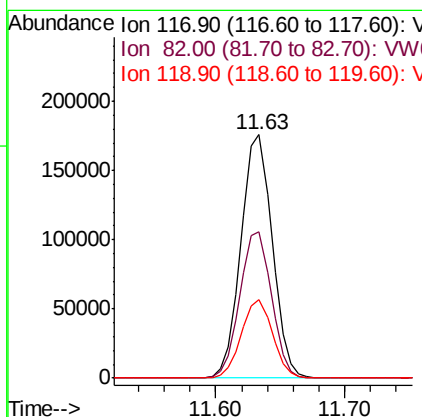
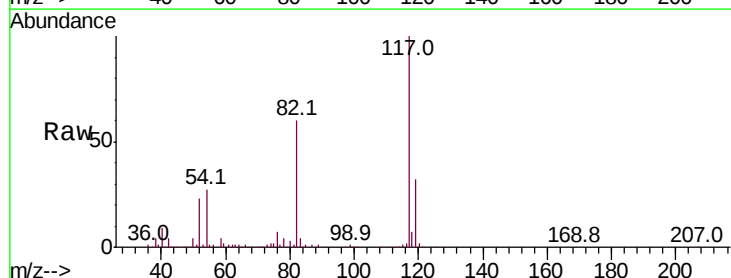
Instrument :
MSVOA_W
ClientSampleId :

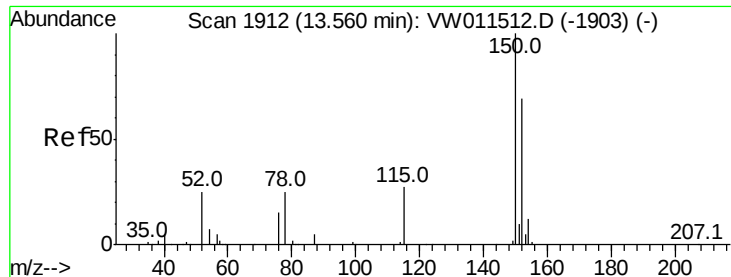
Tot Ion: 95 Resp: 134586
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.2
176 71.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Tgt Ion: 117 Resp: 295463
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 32.1 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: VW011851.D

Acq: 12 Aug 2019 14:50

Instrument :

MSVOA_W

ClientSampled :

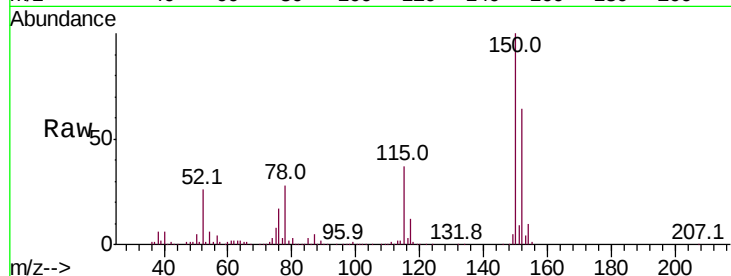
Tot Ion:152 Resp: 112364

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

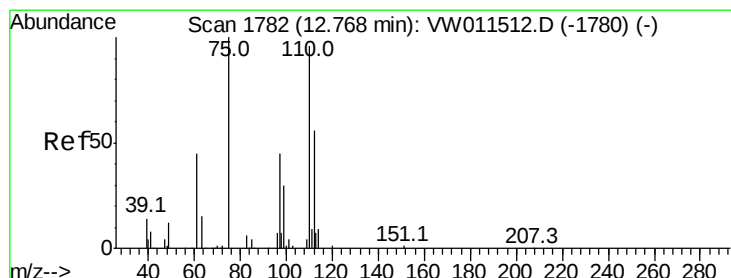
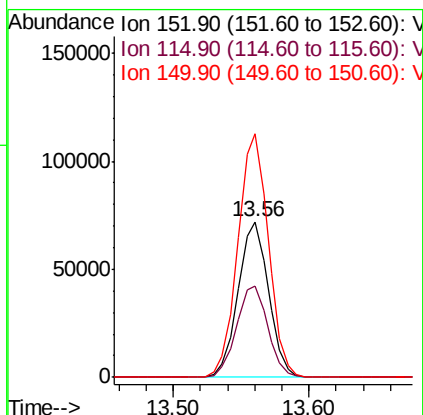
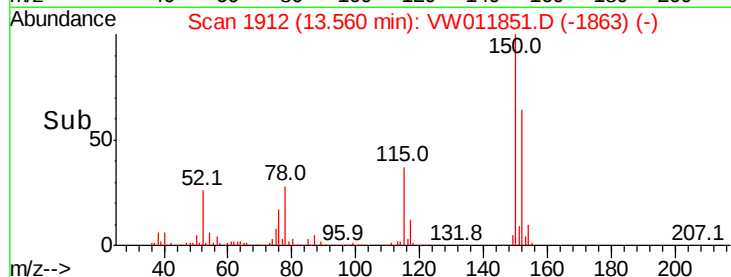
150 156.8 0.0 352.6



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: 61.223 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011851.D

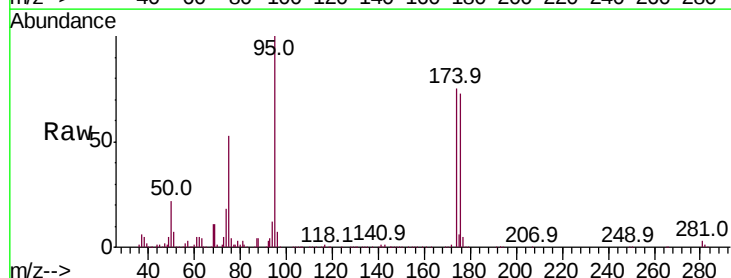
Acq: 12 Aug 2019 14:50

Tgt Ion: 75 Resp: 72791

Ion Ratio Lower Upper

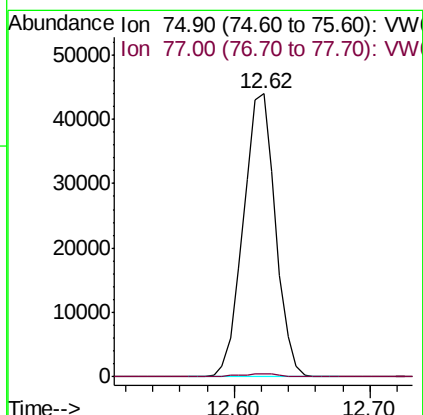
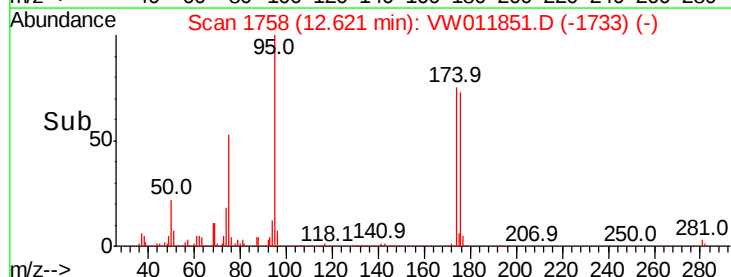
75 100

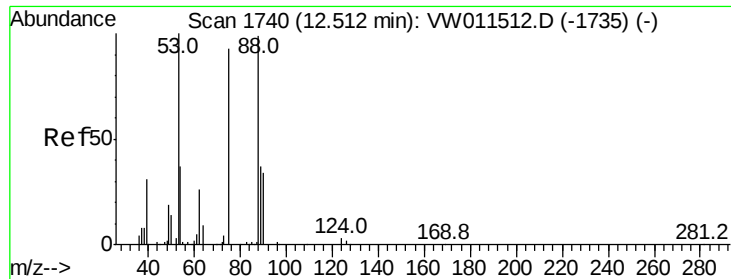
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

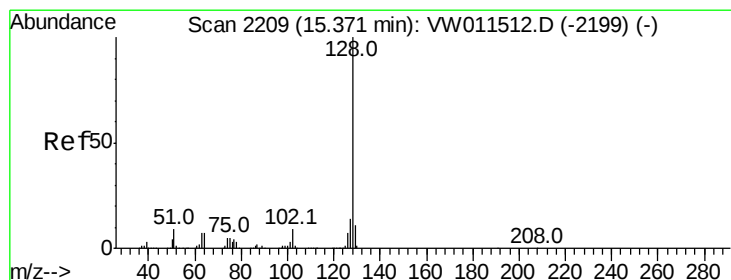
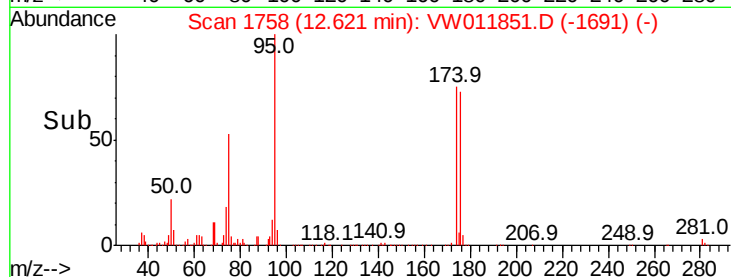
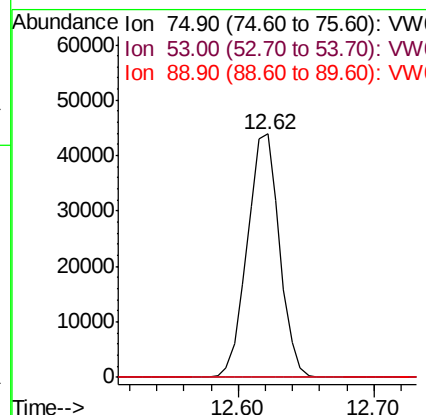
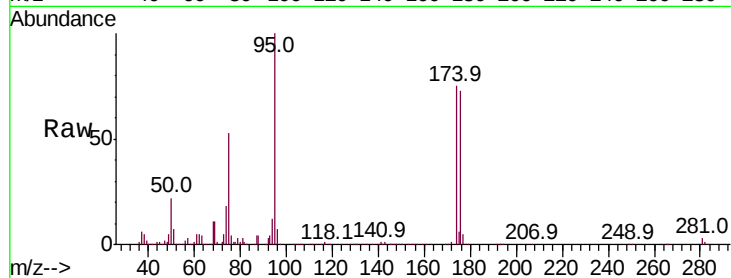




#81
trans-1,4-Dichloro-2-butene
Concen: 141.099 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 72791
Ion Ratio Lower Upper
75 100
53 0.3 88.0 132.0#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.202 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011851.D
Acq: 12 Aug 2019 14:50

Tgt Ion: 128 Resp: 630
Ion Ratio Lower Upper
128 100
127 8.3 10.6 16.0#
129 10.3 8.6 13.0

