

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011220.D
 Acq On : 11 Jul 2019 11:00
 Operator : SY/VA
 Sample : VW0712SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBL01

Quant Time: Jul 12 08:29:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148364	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	135820	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
35) Dibromofluoromethane	7.88	113	106648	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
50) Toluene-d8	10.32	98	438242	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.62	95	157849	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	

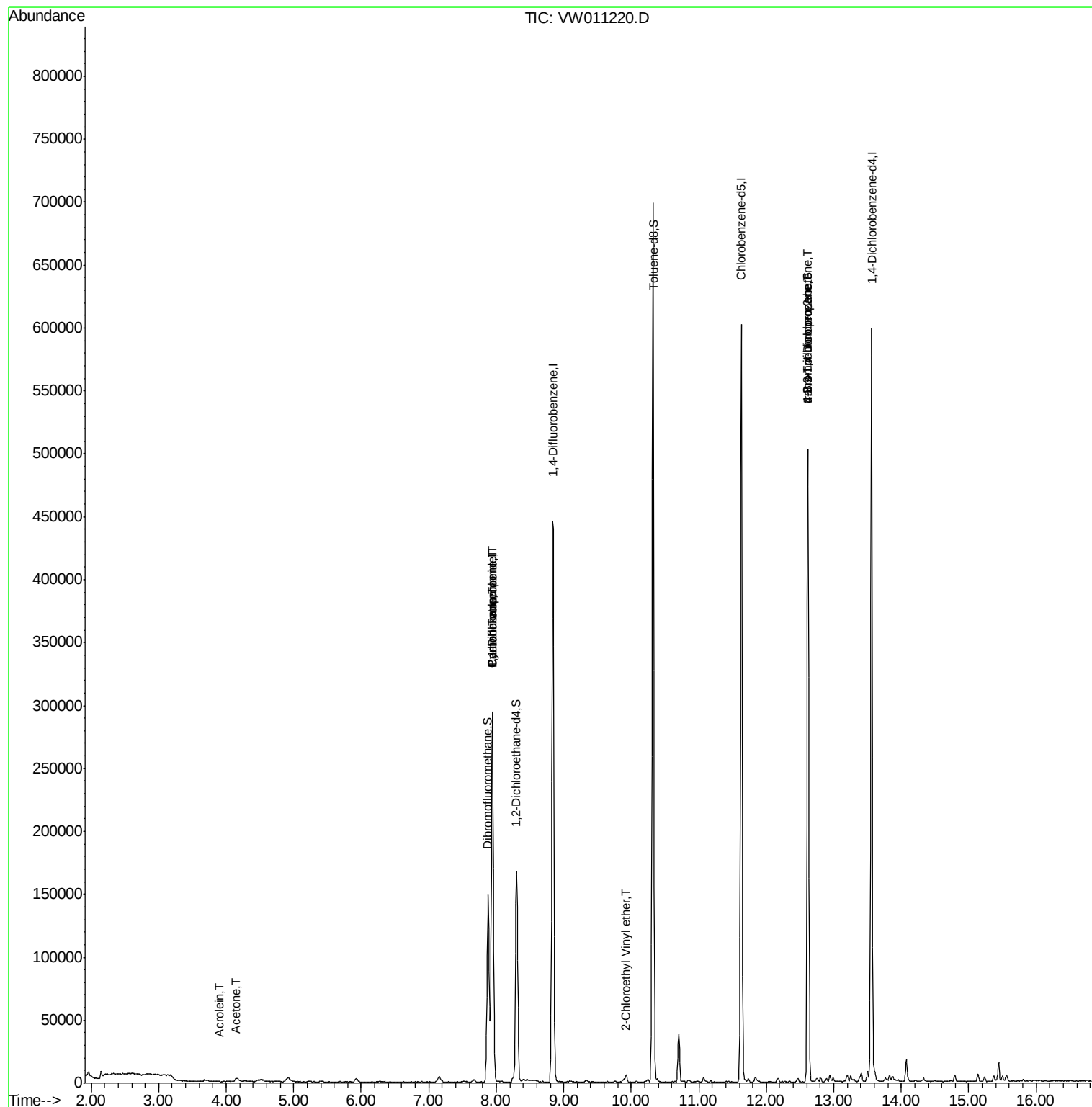
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.91	56	234	1.473	ug/l #	14
16) Acetone	4.15	43	7959	12.278	ug/l	95
18) Methyl Acetate	4.68	43	97	Below Cal	#	57
31) Cyclohexane	7.95	56	5943	1.139	ug/l #	5
36) 1,1-Dichloropropene	7.94	75	18986	4.994	ug/l #	51
38) Carbon Tetrachloride	7.94	117	22029	6.836	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.92	63	2284	1.707	ug/l	93
76) 1,2,3-Trichloropropane	12.62	75	85360	49.786	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85360	112.607	ug/l #	6

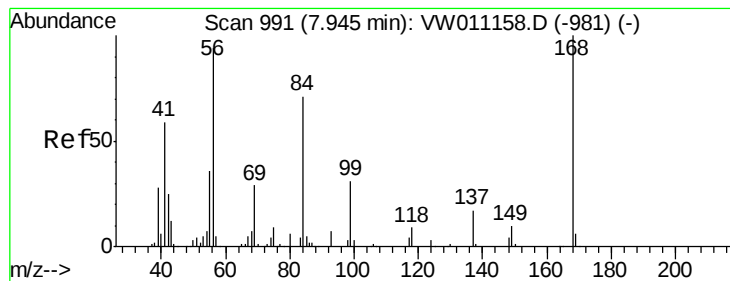
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071219\
Data File : VW011220.D
Acq On : 11 Jul 2019 11:00
Operator : SY/VA
Sample : VW0712SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBL01

Quant Time: Jul 12 08:29:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011220.D

Acq: 11 Jul 2019 11:00

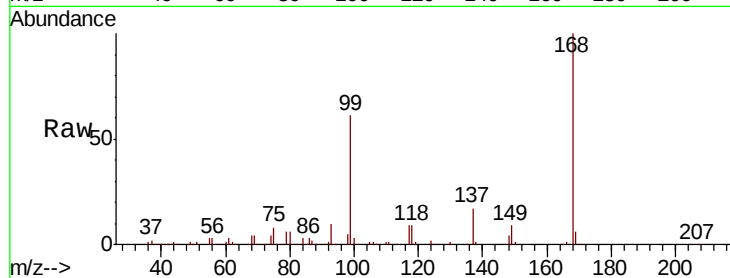
Instrument :
MSVOA_W
ClientSampleId :
VW0712SBL01

Tot Ion:168 Resp: 214412

Ion Ratio Lower Upper

168 100

99 61.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

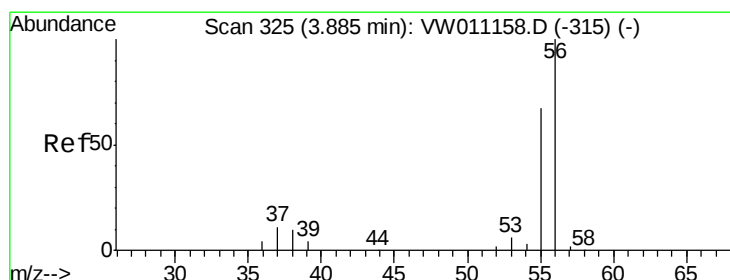
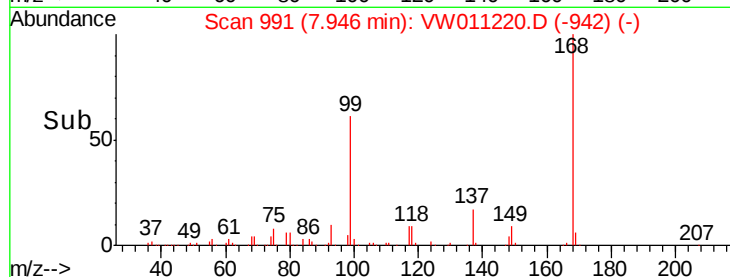
40000

20000

0

Time-->

7.90 8.00



#13

Acrolein

Concen: 1.473 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.02 min

Lab File: VW011220.D

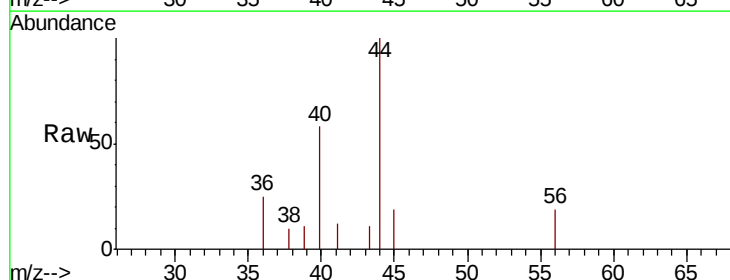
Acq: 11 Jul 2019 11:00

Tgt Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.91

120

100

80

60

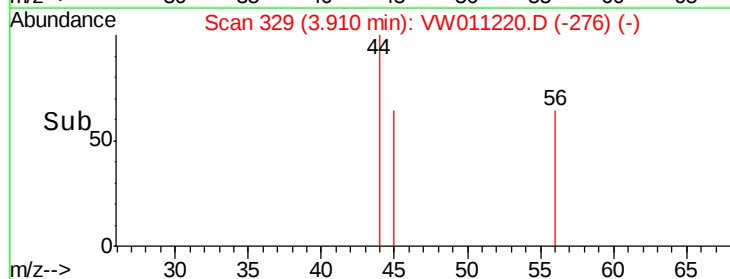
40

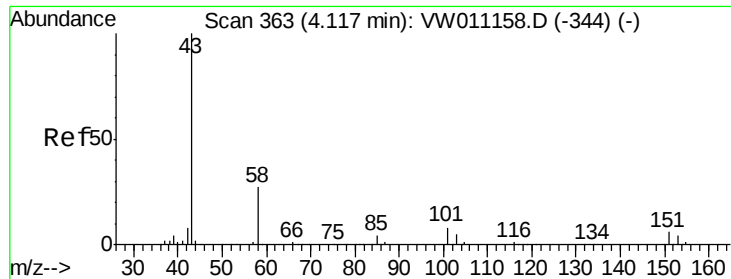
20

0

Time-->

3.85 3.90 3.95





#16

Acetone

Concen: 12.278 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.04 min

Lab File: VW011220.D

Acq: 11 Jul 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

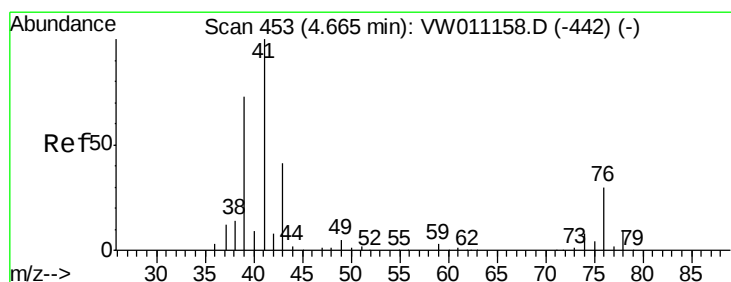
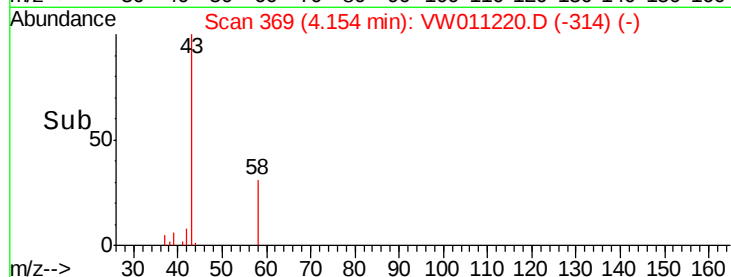
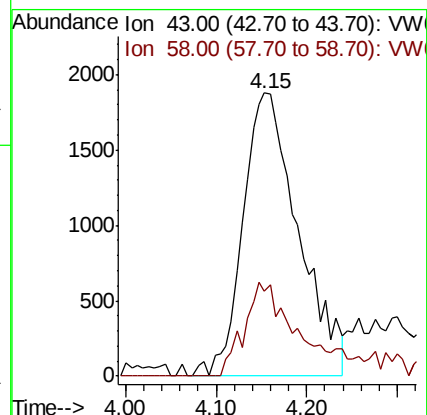
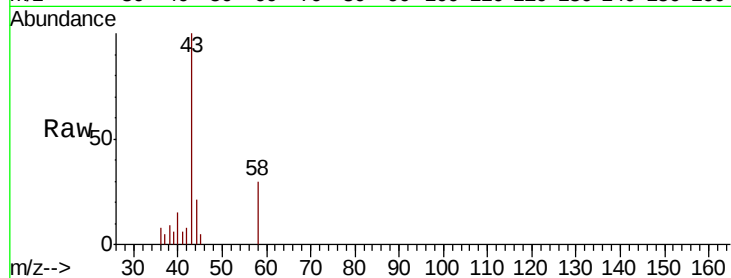
VW0712SBL01

Tot Ion: 43 Resp: 7959

Ion Ratio Lower Upper

43 100

58 29.9 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW011220.D

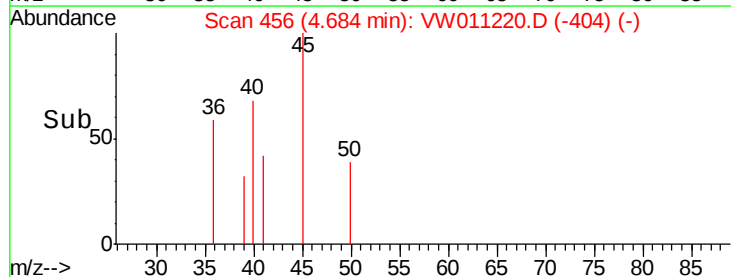
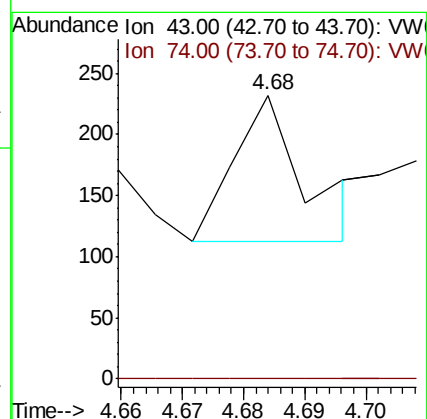
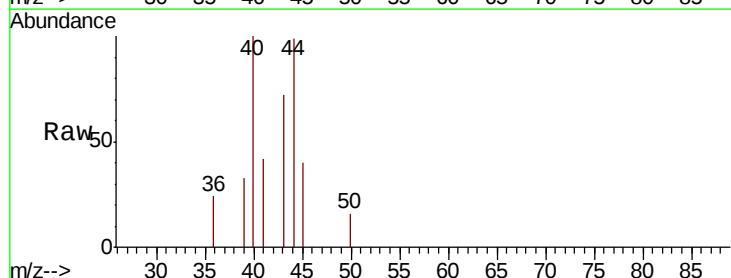
Acq: 11 Jul 2019 11:00

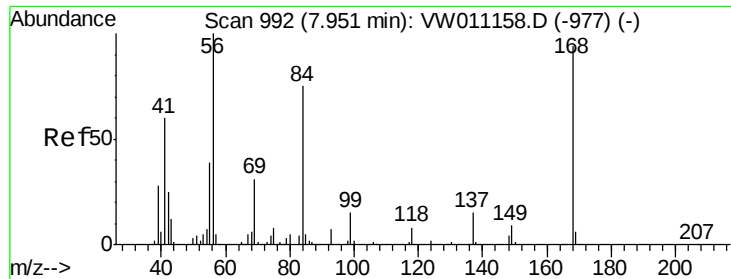
Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#

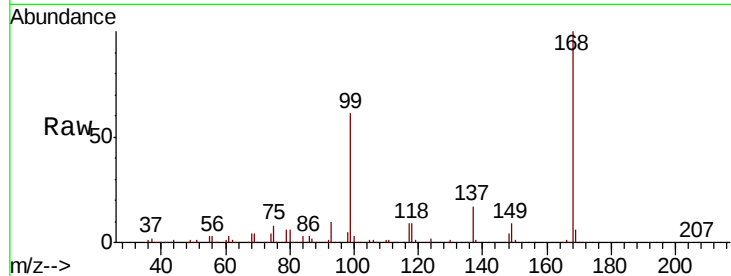




#31
Cvclohexane
Concen: 1.139 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011220.D
Acq: 11 Jul 2019 11:00

Instrument :
MSVOA_W
ClientSampleId :
VW0712SBL01

Tot Ion	56	Resp	5943
Ion Ratio	Lower	Upper	
56	100		
69	152.1	24.6	36.8#
84	111.6	60.1	90.1#

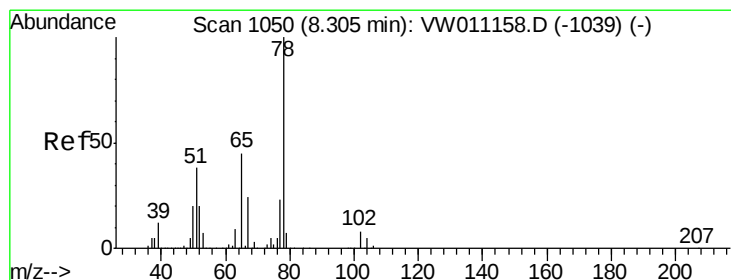
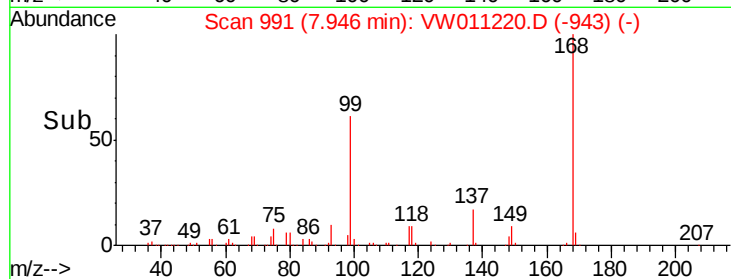
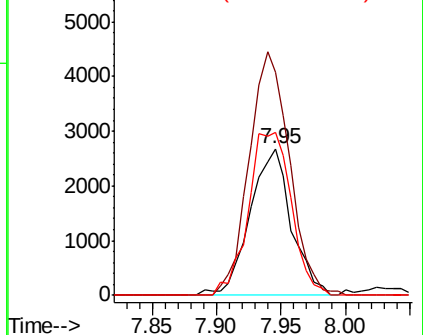


Abundance

Ion 56.00 (55.70 to 56.70): VW

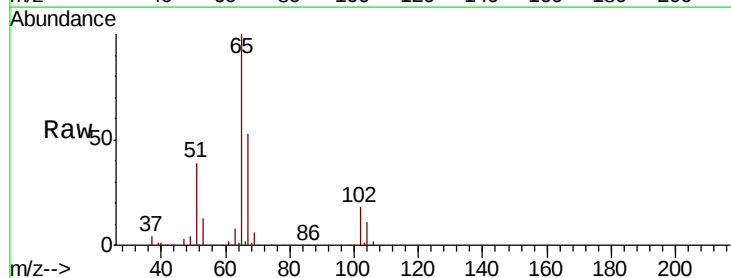
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33
1,2-Dichloroethane-d4
Concen: 50.413 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011220.D
Acq: 11 Jul 2019 11:00

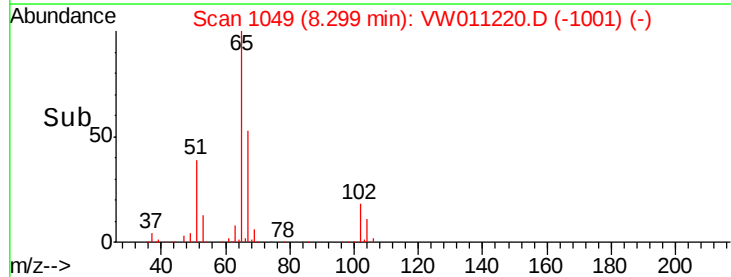
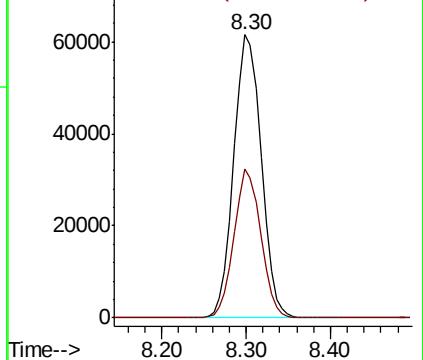
Tgt Ion	65	Resp	135820
Ion Ratio	Lower	Upper	
65	100		
67	51.1	0.0	104.4

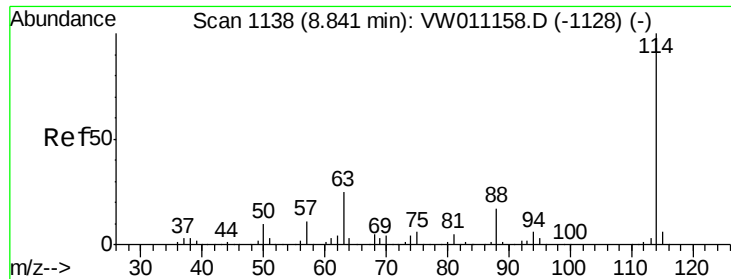


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

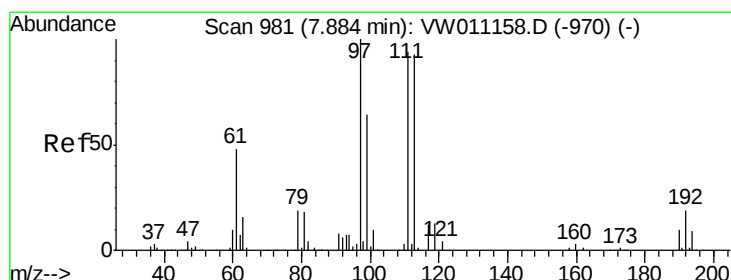
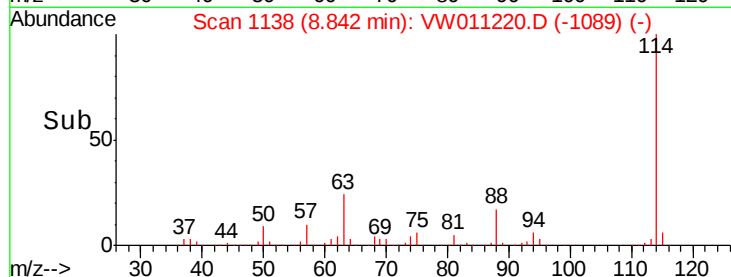
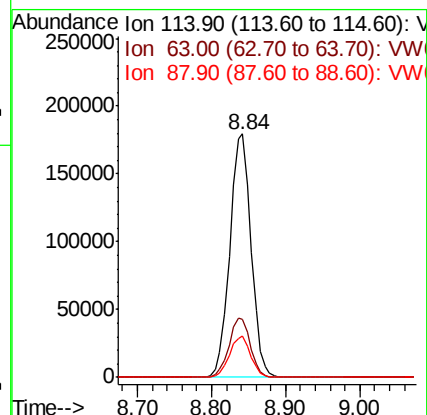
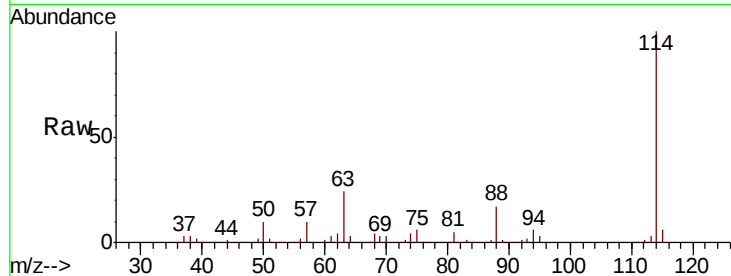




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011220.D
 Acq: 11 Jul 2019 11:00

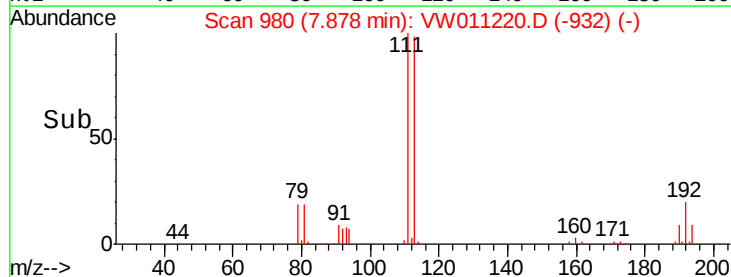
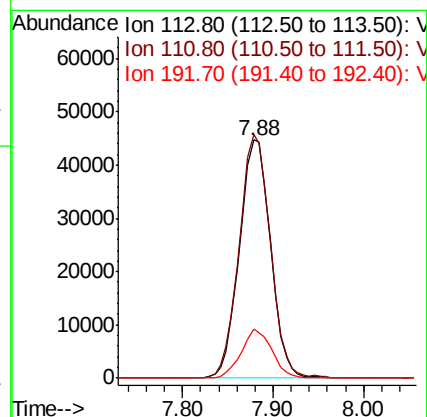
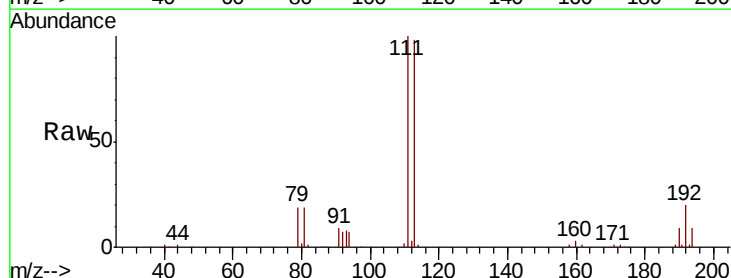
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBL01

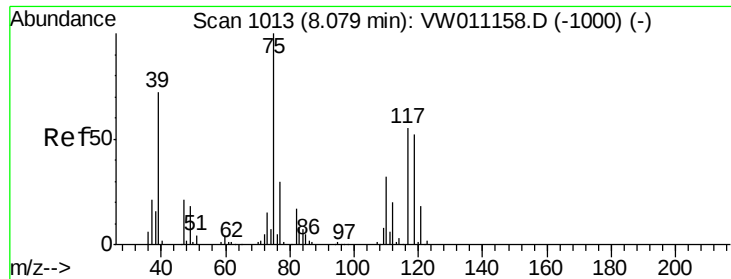
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	50.8
88	16.8	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 50.122 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011220.D
 Acq: 11 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	20.0	15.8	23.8

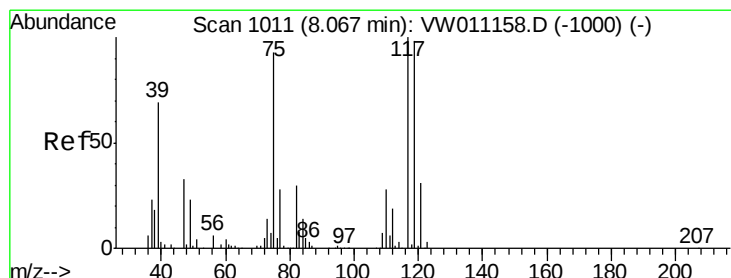
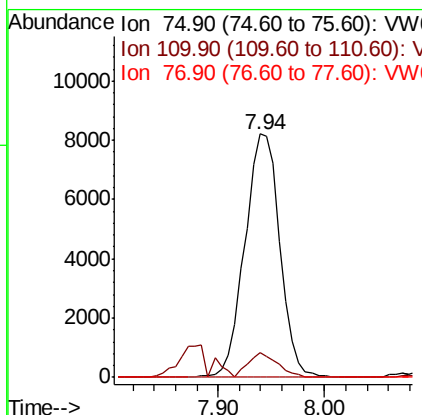
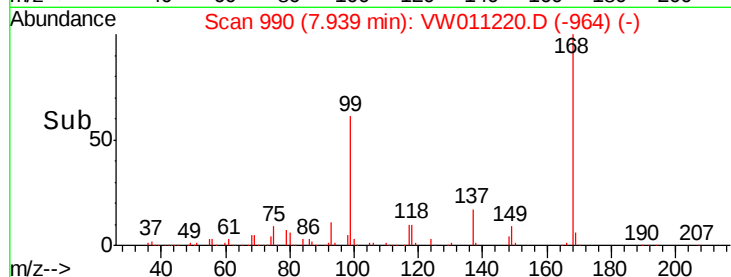
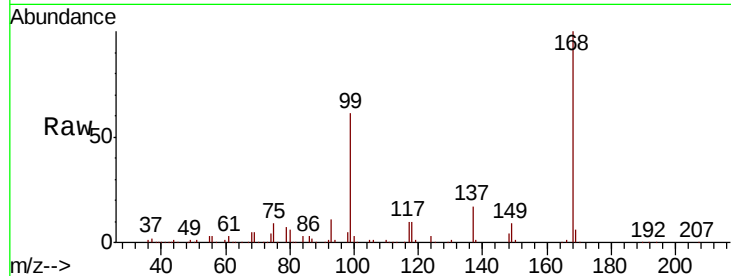




#36
 1,1-Dichloropropene
 Concen: 4.994 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011220.D
 Acq: 11 Jul 2019 11:00

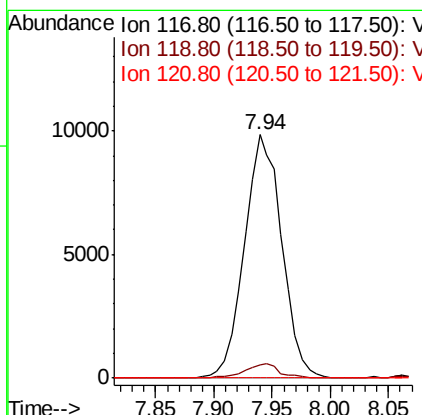
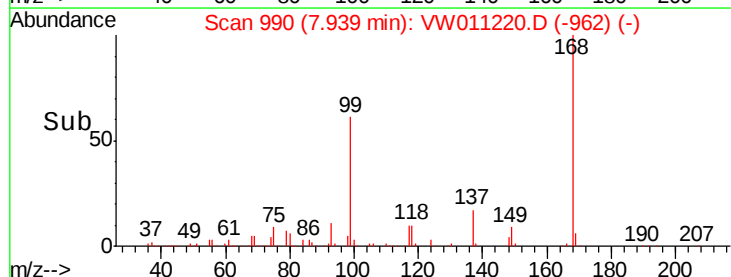
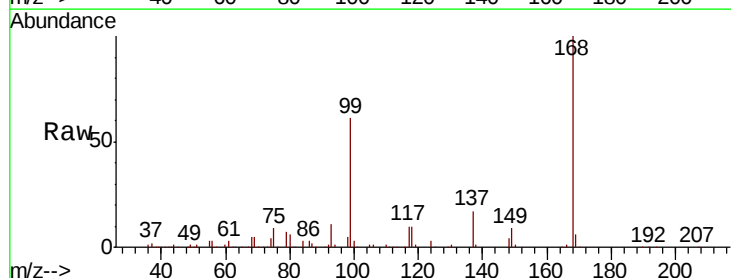
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBL01

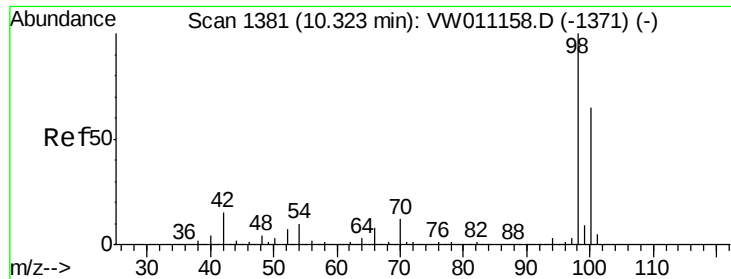
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.836 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011220.D
 Acq: 11 Jul 2019 11:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.1	117.1#
121	0.0	25.1	37.7#

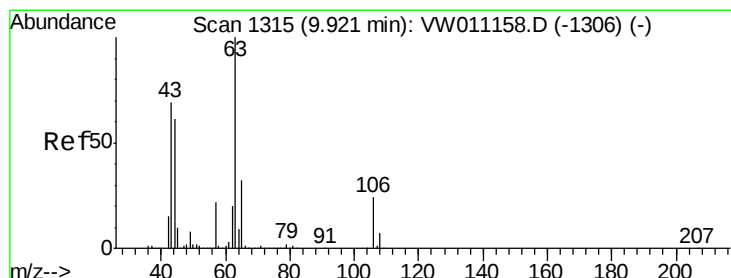
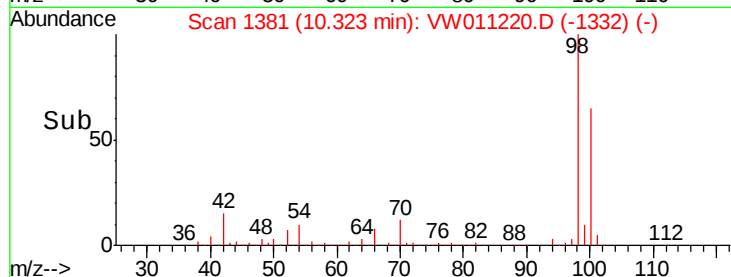
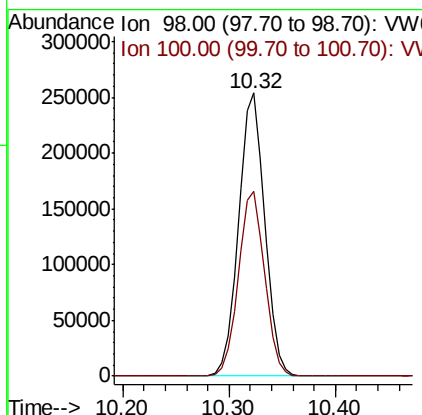
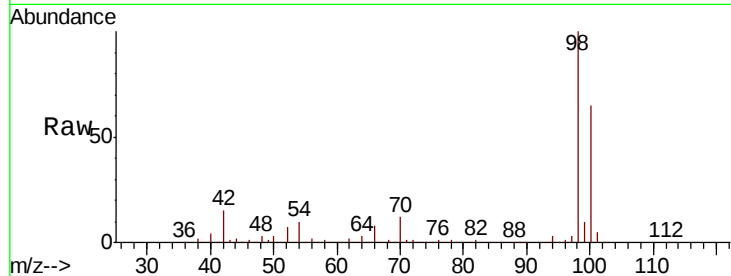




#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011220.D
Acq: 11 Jul 2019 11:00

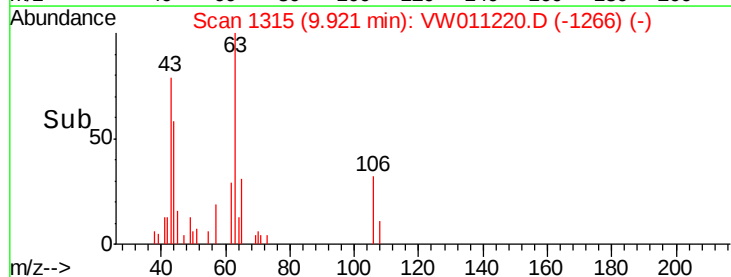
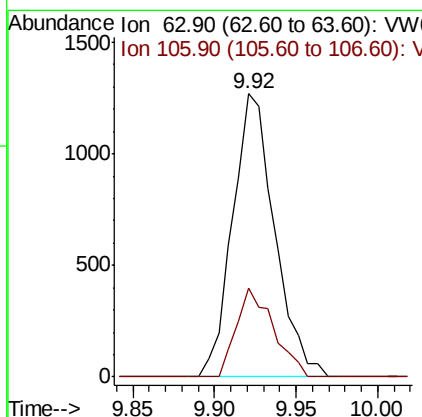
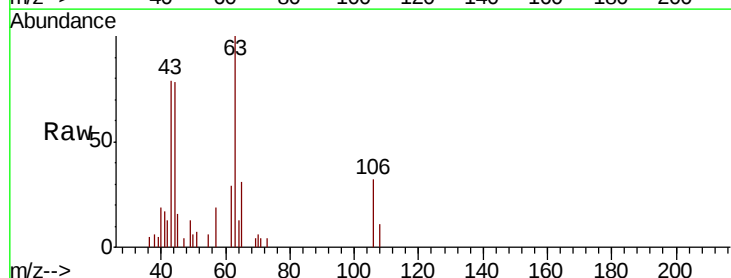
Instrument :
MSVOA_W
ClientSampleId :
VW0712SBL01

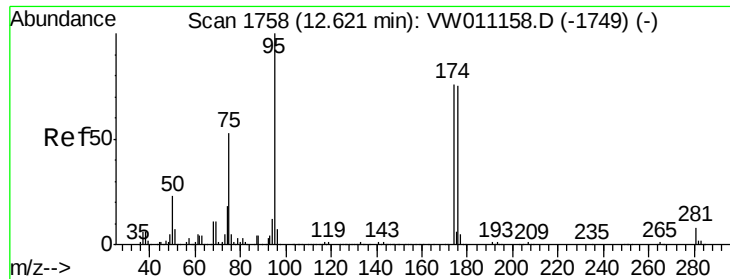
Tot Ion: 98 Resp: 438242
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 1.707 ug/l
RT: 9.92 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VW011220.D
Acq: 11 Jul 2019 11:00

Tgt Ion: 63 Resp: 2284
Ion Ratio Lower Upper
63 100
106 27.6 19.4 29.0

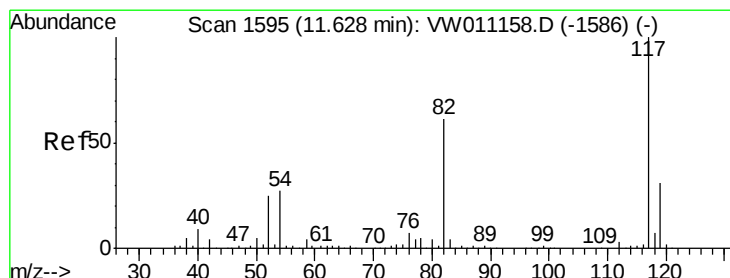
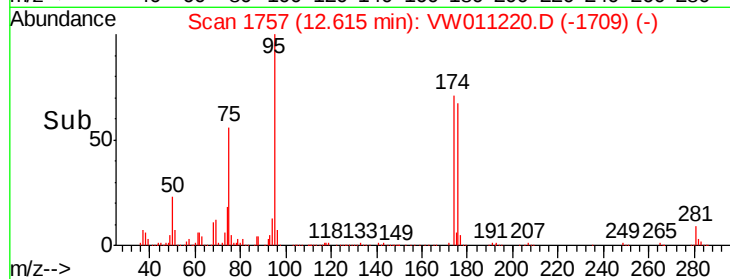
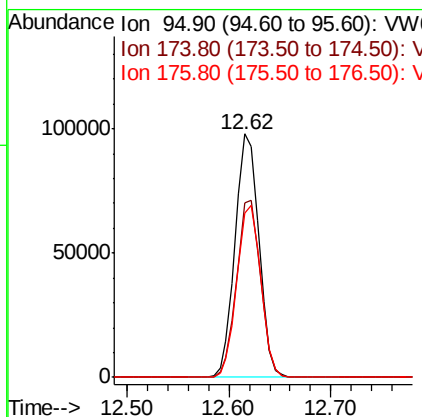
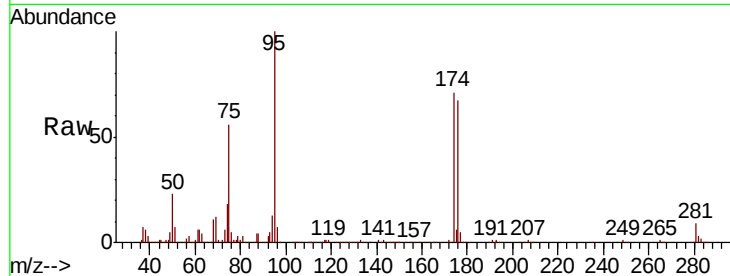




#62
4-Bromofluorobenzene
Concen: 50.072 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011220.D
Acq: 11 Jul 2019 11:00

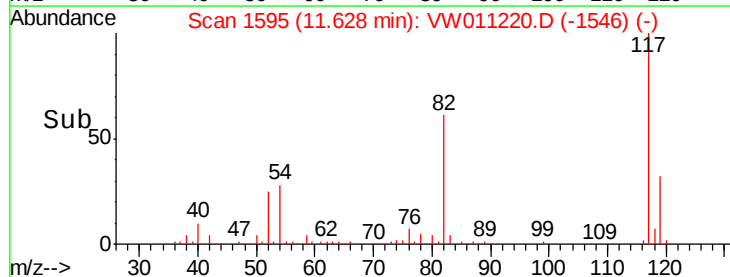
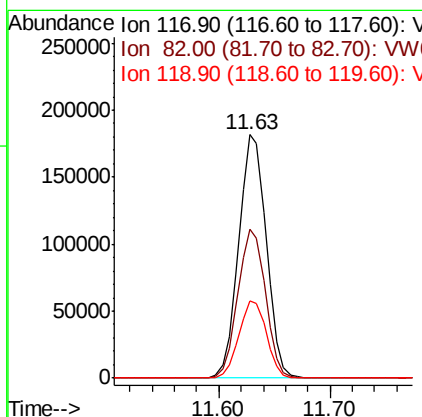
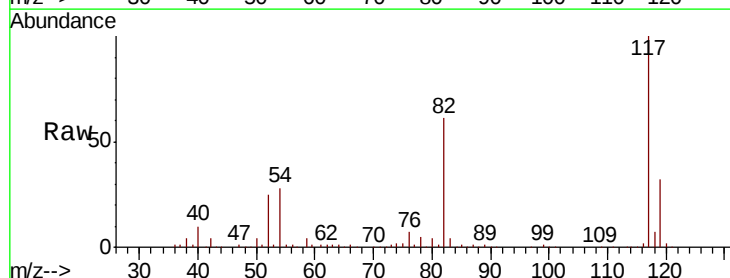
Instrument :
MSVOA_W
ClientSampleId :
VW0712SBL01

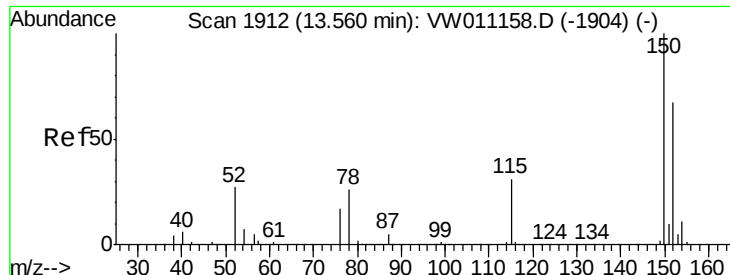
Tot Ion: 95 Resp: 157849
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.6
176 71.1 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011220.D
Acq: 11 Jul 2019 11:00

Tgt Ion: 117 Resp: 311003
Ion Ratio Lower Upper
117 100
82 61.4 48.9 73.3
119 31.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011220.D

Acq: 11 Jul 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBL01

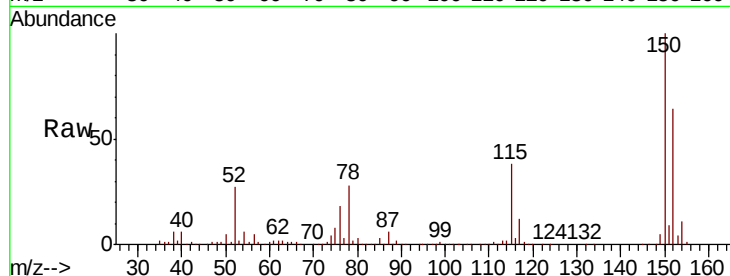
Tot Ion:152 Resp: 148364

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 156.4 0.0 346.0

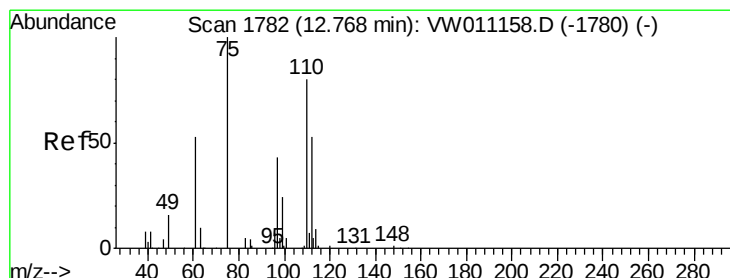
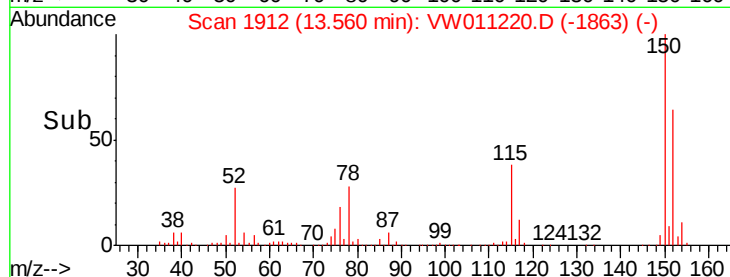
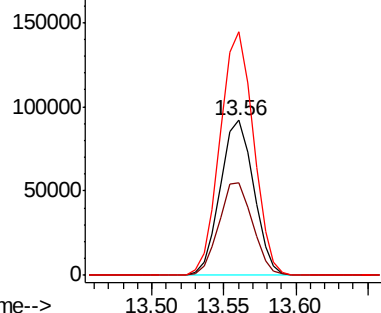


Abundance

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: 49.786 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011220.D

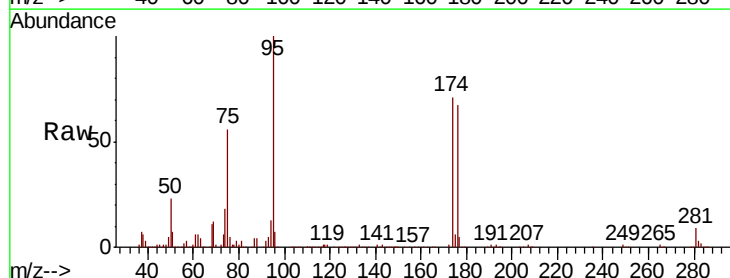
Acq: 11 Jul 2019 11:00

Tgt Ion: 75 Resp: 85360

Ion Ratio Lower Upper

75 100

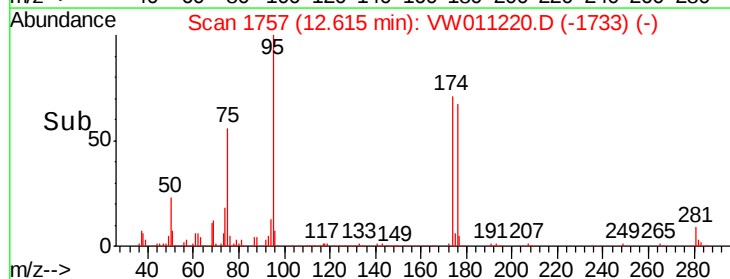
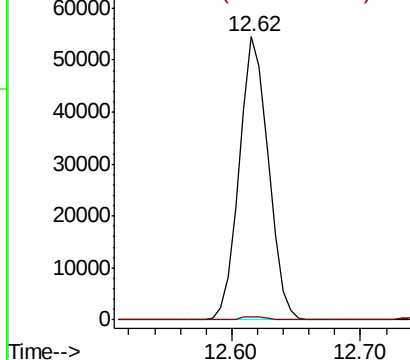
77 1.3 0.0 0.0#

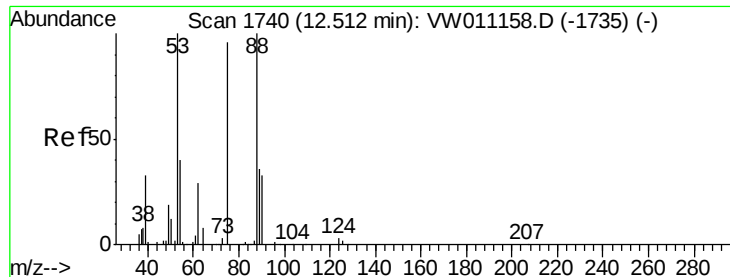


Abundance

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: 112.607 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011220.D

Acq: 11 Jul 2019 11:00

Instrument :

MSVOA_W

ClientSampleId :

VW0712SBL01

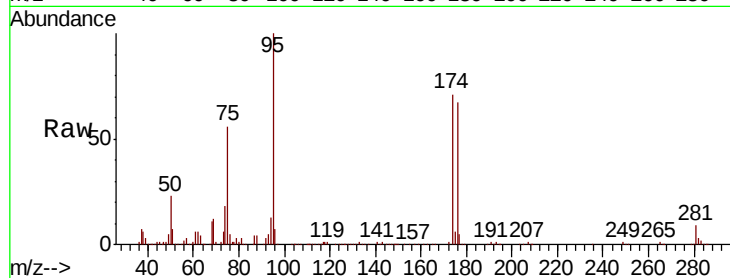
Tot Ion: 75 Resp: 85360

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.1 34.3 51.5#



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

