

Data File : VW012718.D
Acq On : 07 Sep 2019 14:09
Operator : SY/VA
Sample : VW0907SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBL01

Quant Time: Sep 08 05:09:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148260	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153197	59.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.74%	
35) Dibromofluoromethane	7.88	113	118774	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
50) Toluene-d8	10.32	98	481498	56.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.00%	
62) 4-Bromofluorobenzene	12.62	95	165489	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	

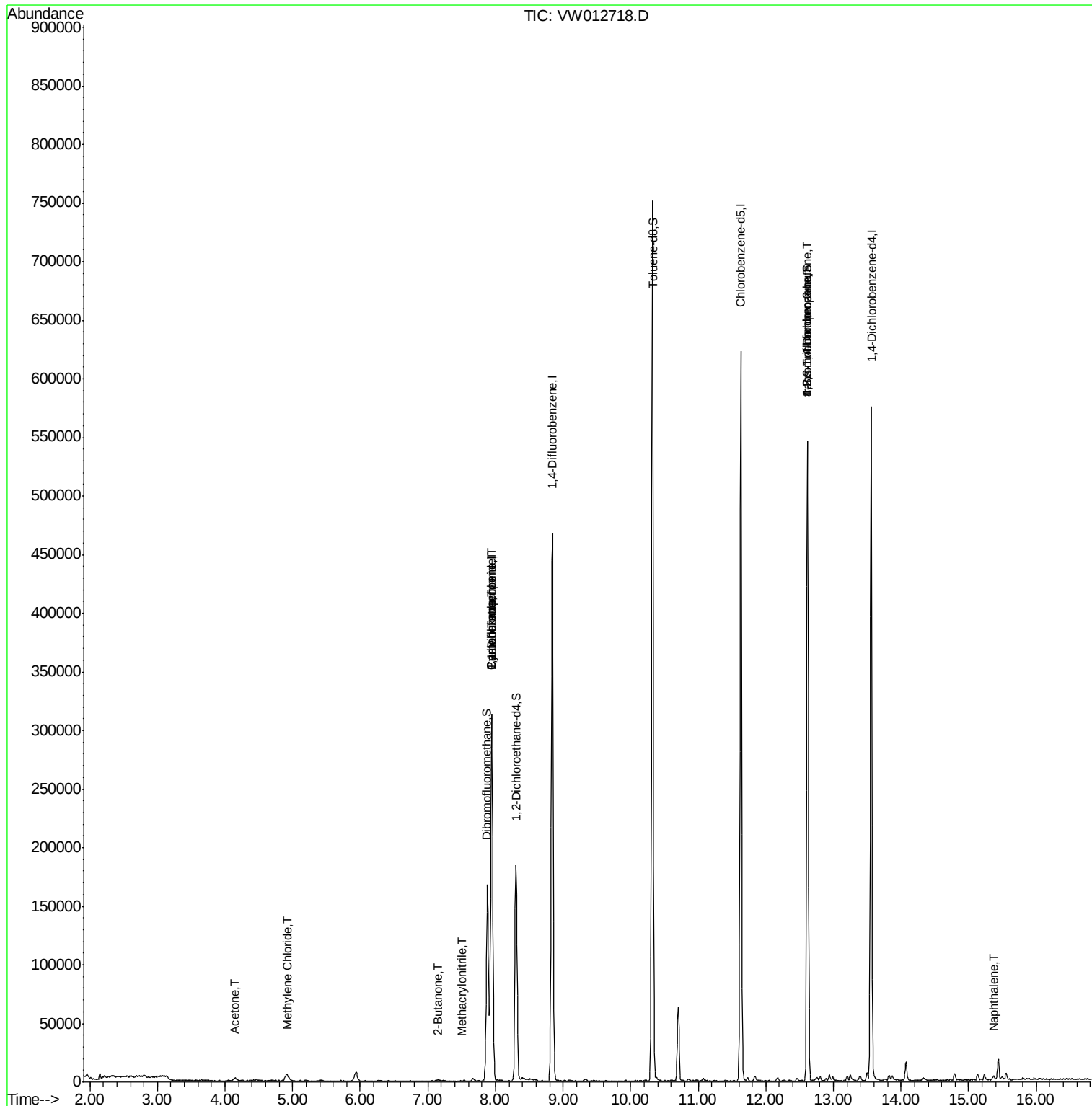
Target Compounds			Qvalue			
16) Acetone	4.14	43	6022	8.561	ug/l	100
20) Methylene Chloride	4.92	84	4292	1.950	ug/l #	82
25) 2-Butanone	7.15	43	223	19.879	ug/l #	53
31) Cyclohexane	7.95	56	5789	1.526	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	19029	5.853	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24063	7.509	ug/l #	17
41) Methacrylonitrile	7.50	41	198	3.969	ug/l #	57
76) 1,2,3-Trichloropropane	12.62	75	89128	58.791	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89128	124.346	ug/l #	6
95) Naphthalene	15.37	128	2912	4.866	ug/l	94

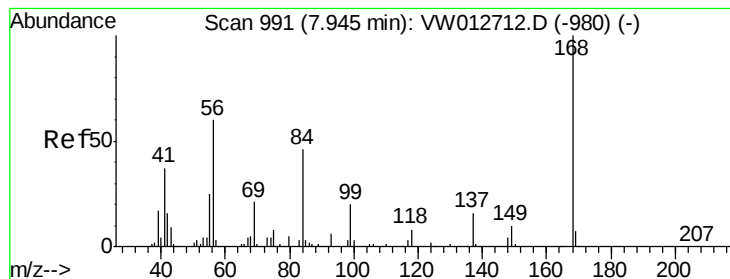
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW012718.D
Acq On : 07 Sep 2019 14:09
Operator : SY/VA
Sample : VW0907SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBL01

Quant Time: Sep 08 05:09:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012718.D

Acq: 07 Sep 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

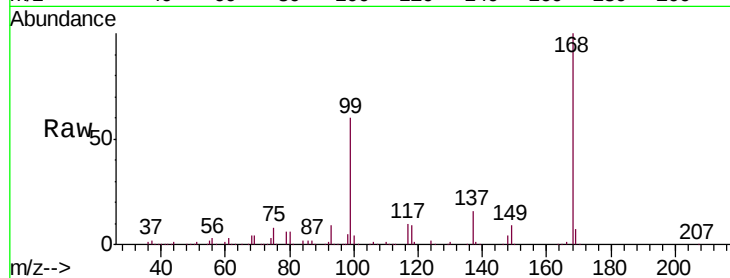
VW0907SBL01

Tgt Ion:168 Resp: 230937

Ion Ratio Lower Upper

168 100

99 59.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

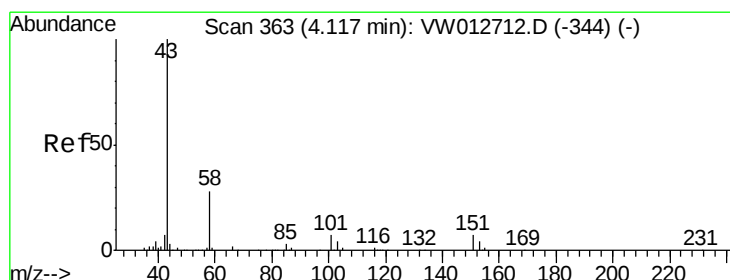
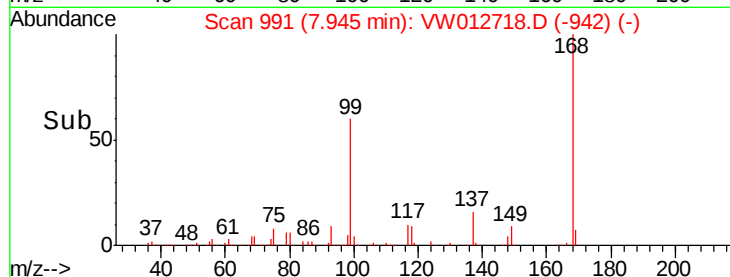
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.561 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012718.D

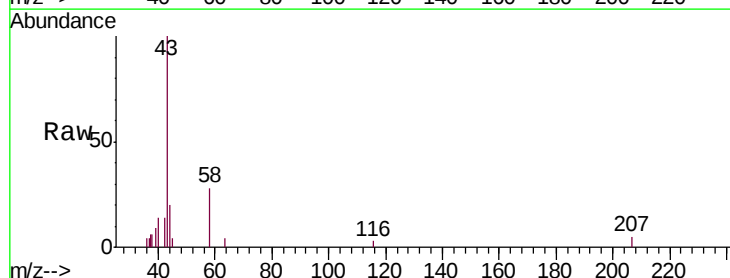
Acq: 07 Sep 2019 14:09

Tgt Ion: 43 Resp: 6022

Ion Ratio Lower Upper

43 100

58 28.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

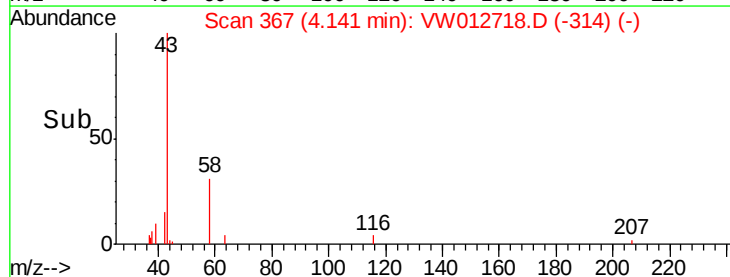
1500

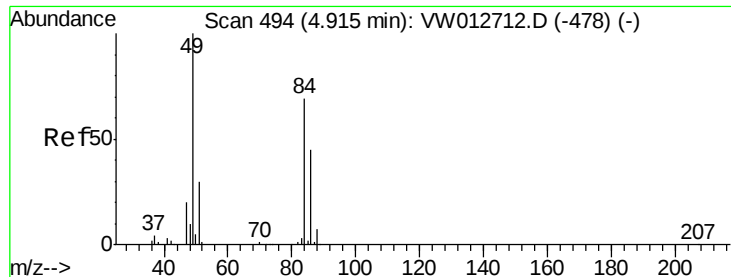
1000

500

0

Time--> 4.00 4.10 4.20 4.30

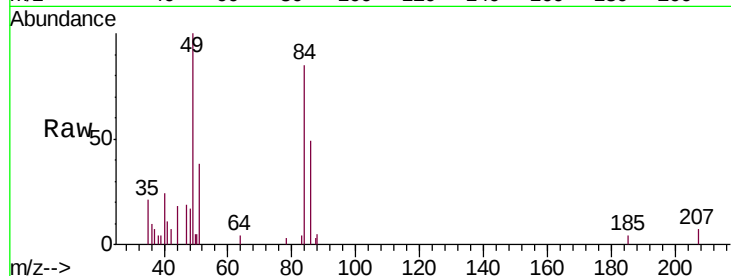




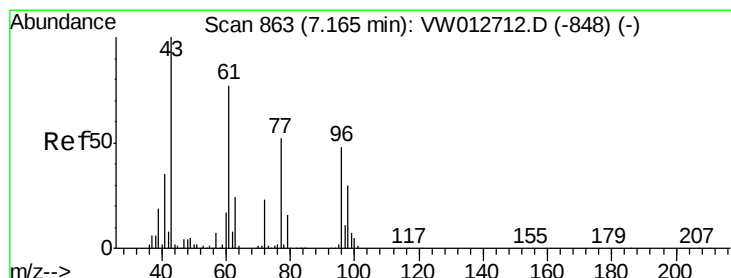
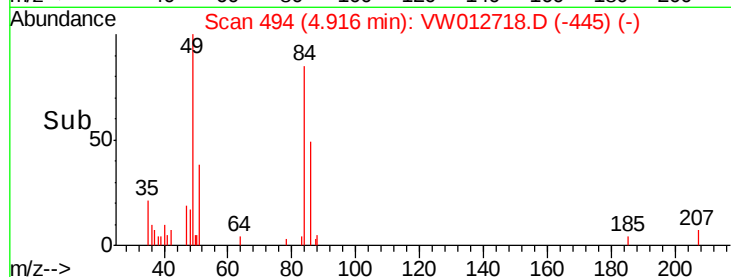
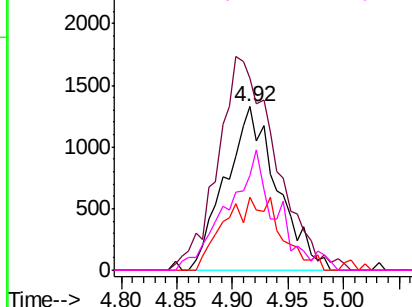
#20
Methylene Chloride
Concen: 1.950 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW012718.D
Acq: 07 Sep 2019 14:09

Instrument :
MSVOA_W
ClientSampled :
VW0907SBL01

Tgt Ion: 84 Resp: 4292
Ion Ratio Lower Upper
84 100
49 110.3 115.4 173.0#
51 44.5 34.9 52.3
86 57.7 52.2 78.4

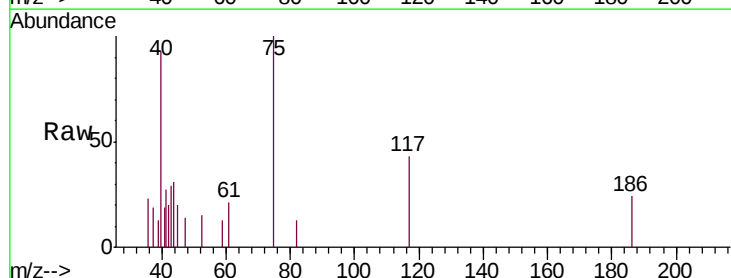


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

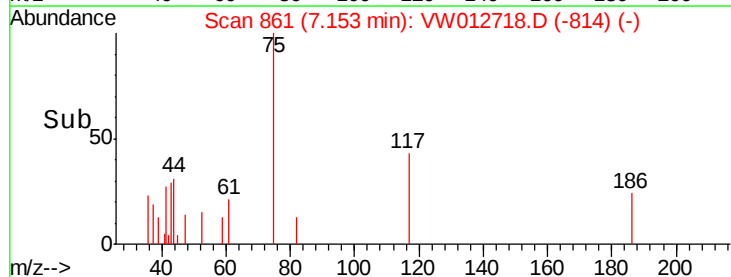
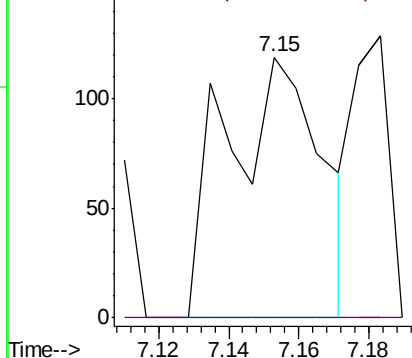


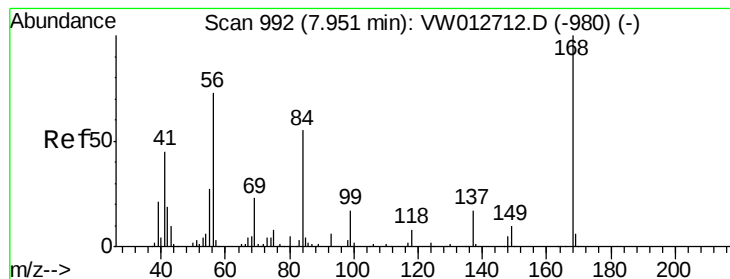
#25
2-Butanone
Concen: 19.879 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: VW012718.D
Acq: 07 Sep 2019 14:09

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#



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





#31

Cyclohexane

Concen: 1.526 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012718.D

Acq: 07 Sep 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBL01

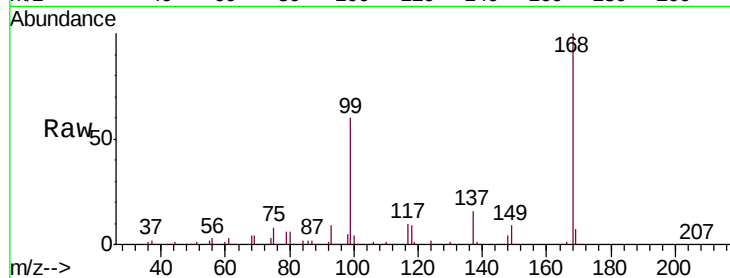
Tgt Ion: 56 Resp: 5789

Ion Ratio Lower Upper

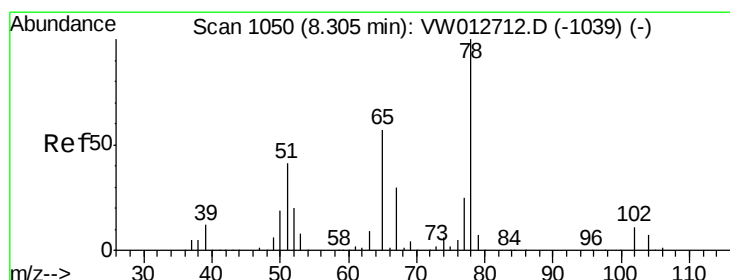
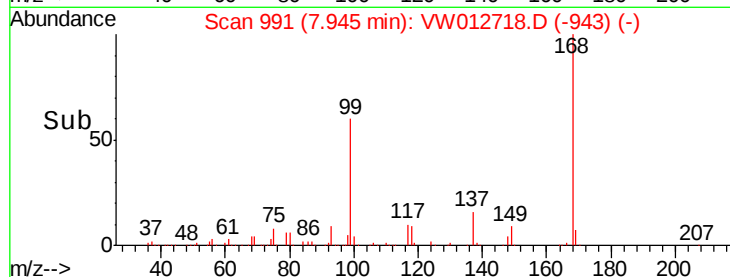
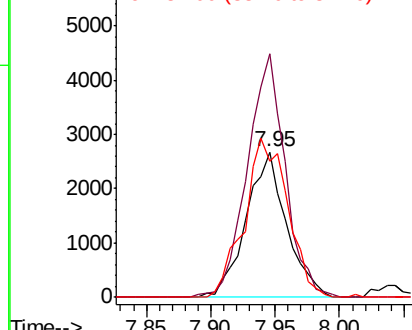
56 100

69 167.1 25.7 38.5#

84 93.1 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: 59.371 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012718.D

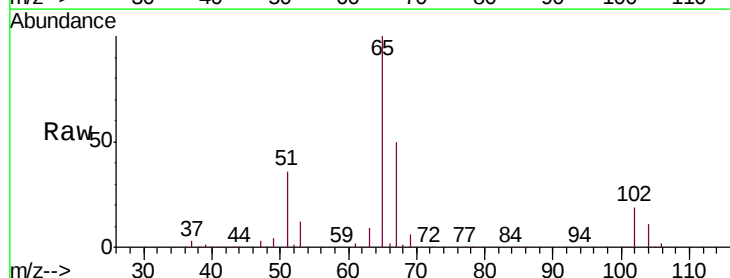
Acq: 07 Sep 2019 14:09

Tgt Ion: 65 Resp: 153197

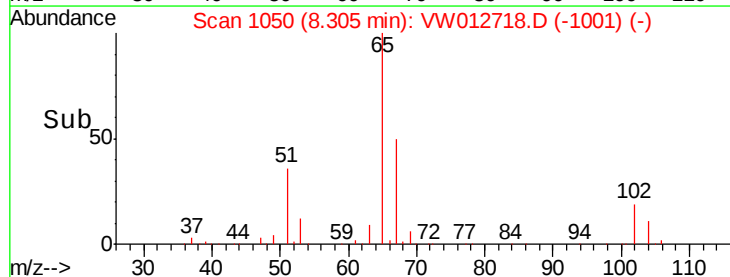
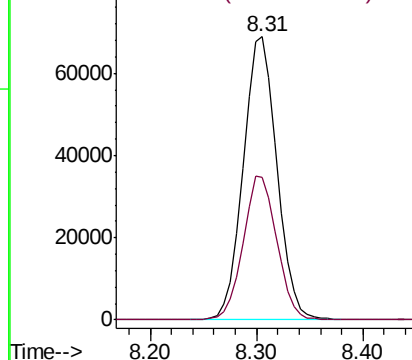
Ion Ratio Lower Upper

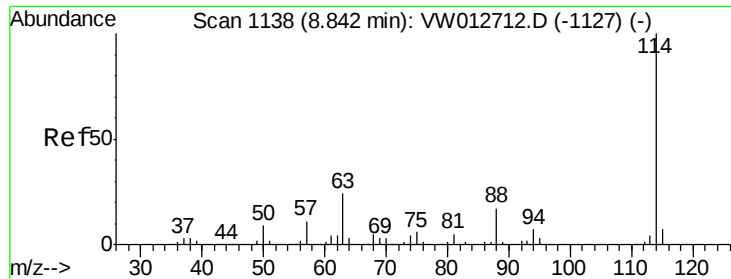
65 100

67 51.0 0.0 101.8



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

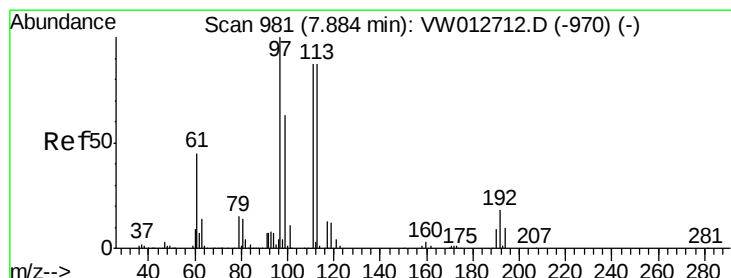
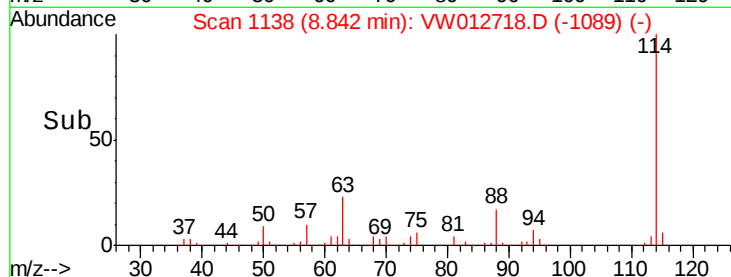
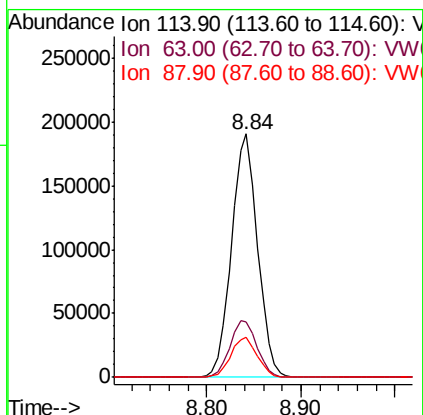
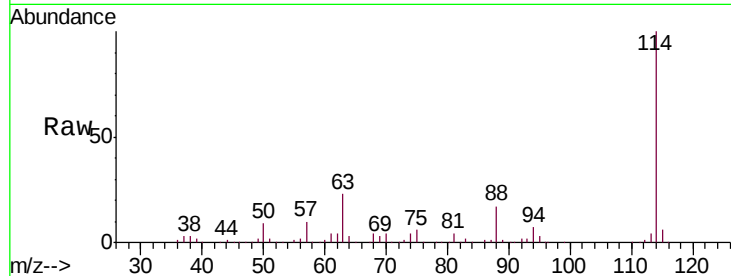




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012718.D
 Acq: 07 Sep 2019 14:09

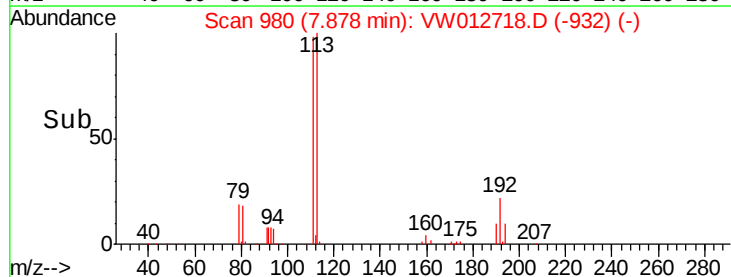
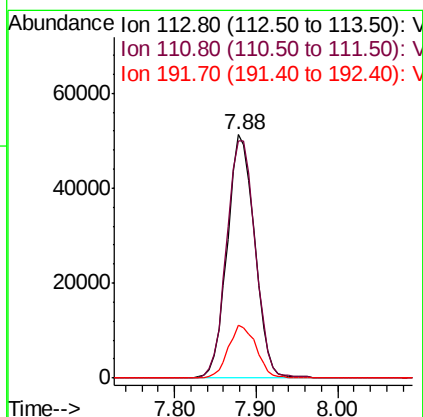
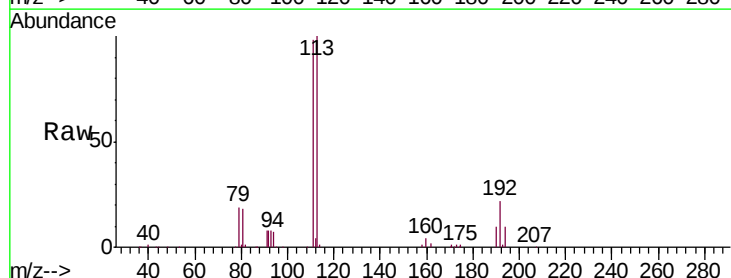
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBL01

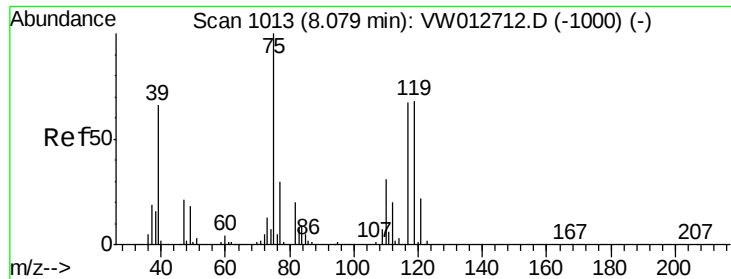
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.2
88	16.6	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 54.601 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012718.D
 Acq: 07 Sep 2019 14:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.2	120.4
192	22.0	17.3	25.9

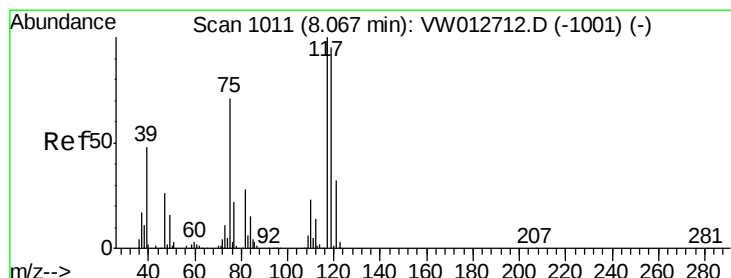
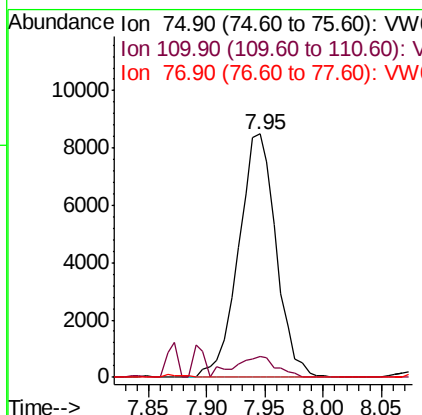
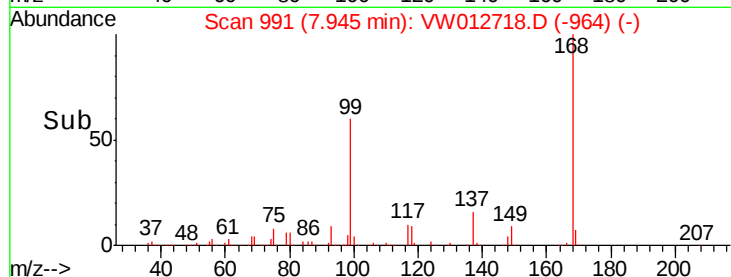
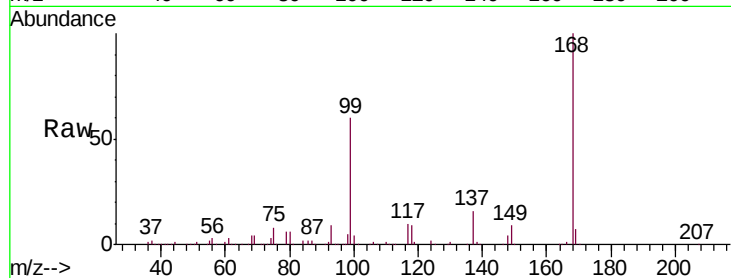




#36
 1,1-Dichloropropene
 Concen: 5.853 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012718.D
 Acq: 07 Sep 2019 14:09

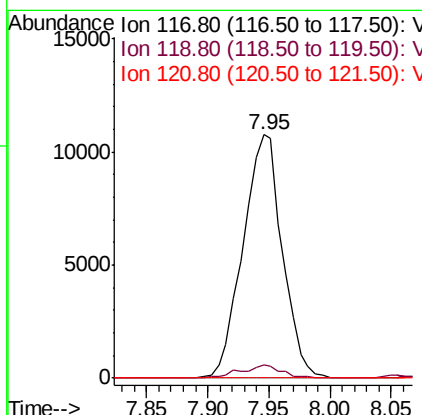
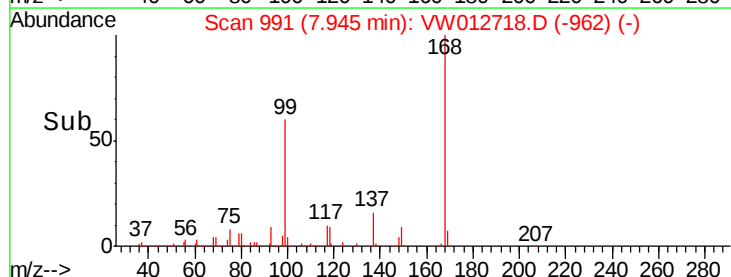
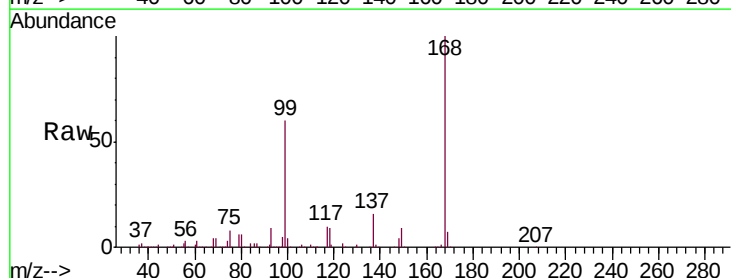
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBL01

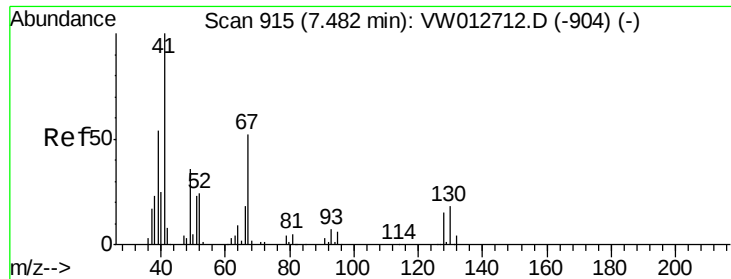
Tgt Ion: 75 Resp: 19029
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.9 47.7#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 7.509 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012718.D
 Acq: 07 Sep 2019 14:09

Tgt Ion: 117 Resp: 24063
 Ion Ratio Lower Upper
 117 100
 119 5.6 76.2 114.2#
 121 0.0 25.4 38.2#

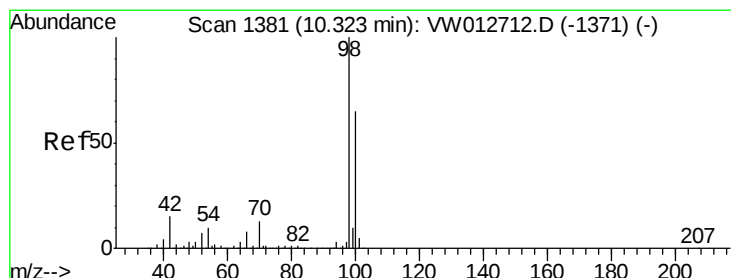
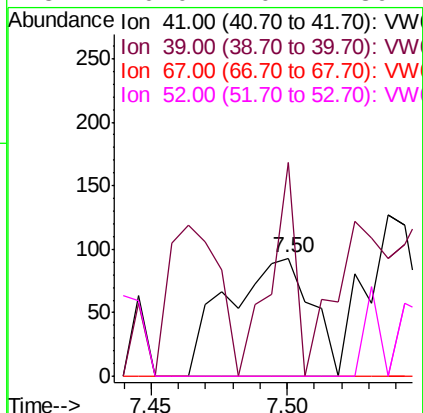
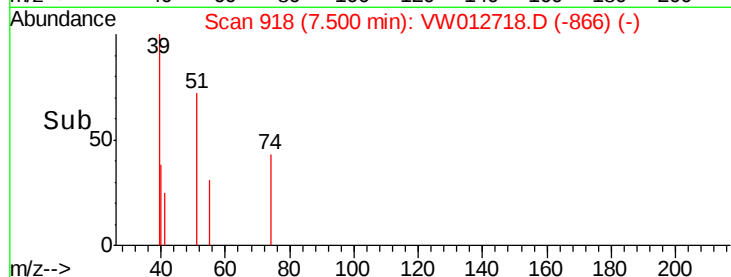
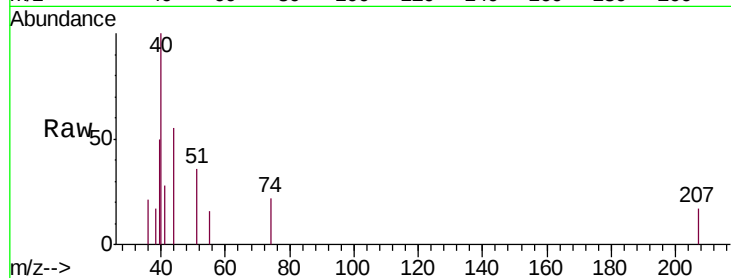




#41
Methacrylonitrile
Concen: 3.969 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.02 min
Lab File: VW012718.D
Acq: 07 Sep 2019 14:09

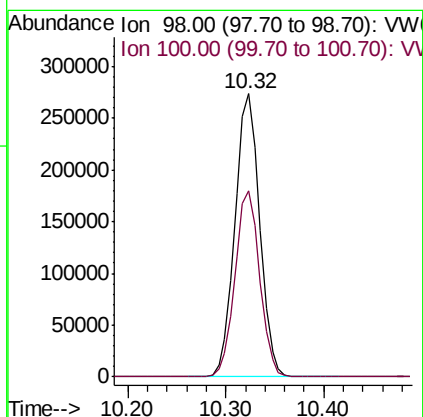
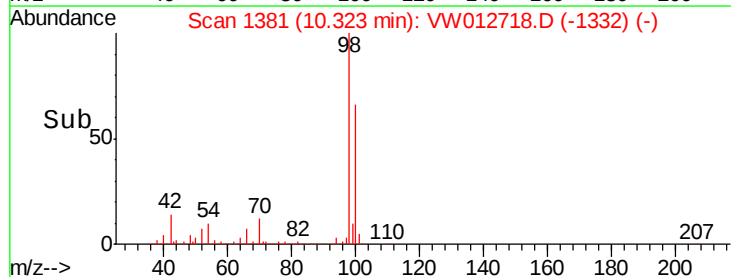
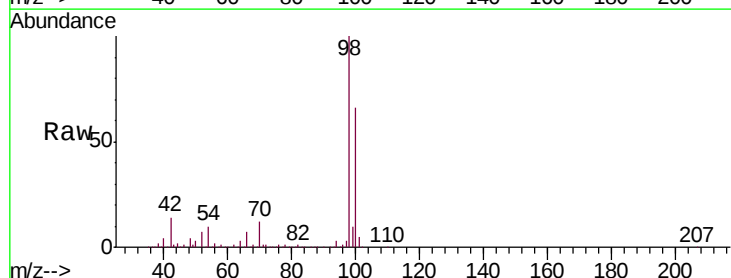
Instrument :
MSVOA_W
ClientSampled :
VW0907SBL01

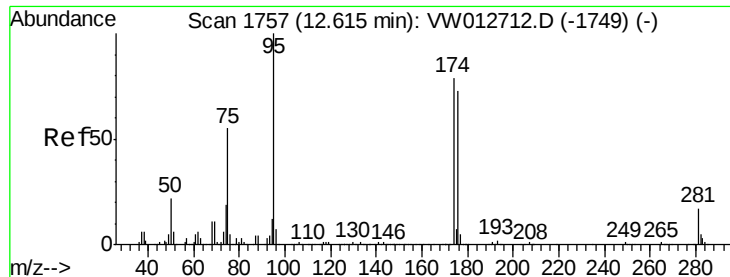
Tgt Ion: 41 Resp: 198
Ion Ratio Lower Upper
41 100
39 53.5 47.5 71.3
67 0.0 45.1 67.7#
52 0.0 20.2 30.2#



#50
Toluene-d8
Concen: 56.498 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012718.D
Acq: 07 Sep 2019 14:09

Tgt Ion: 98 Resp: 481498
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

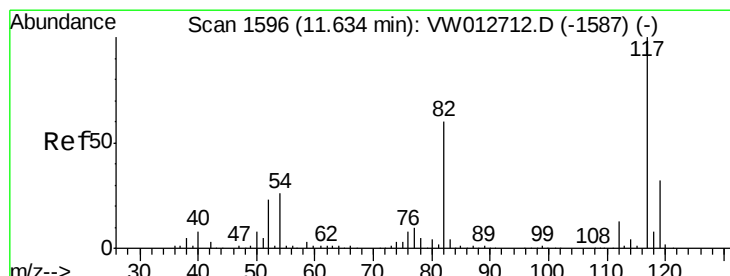
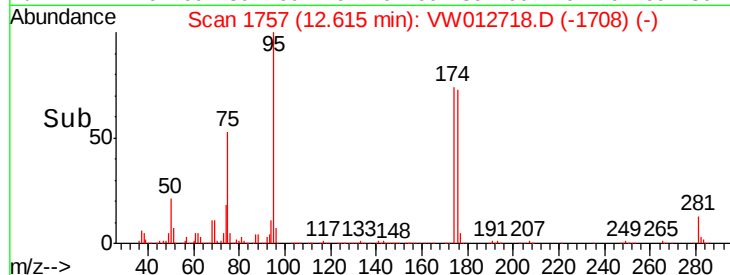
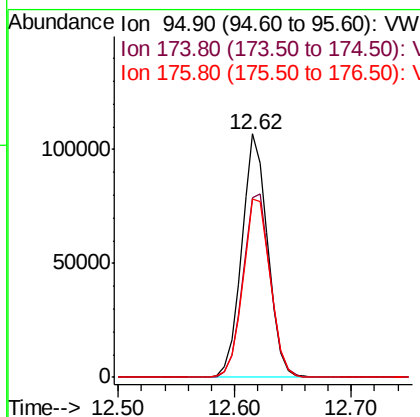
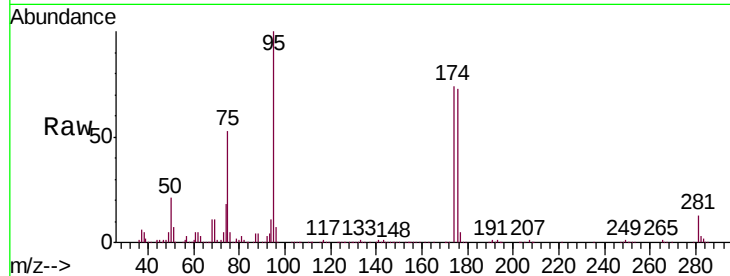




#62
4-Bromofluorobenzene
Concen: 53.489 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012718.D
Acq: 07 Sep 2019 14:09

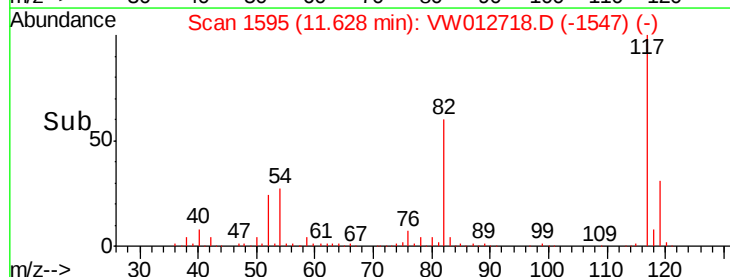
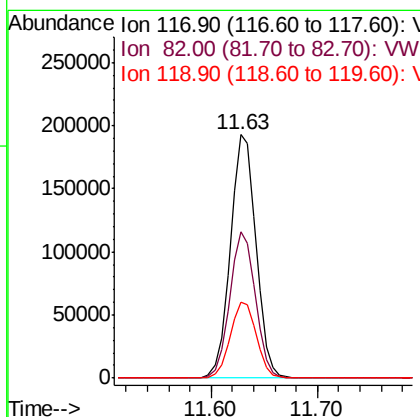
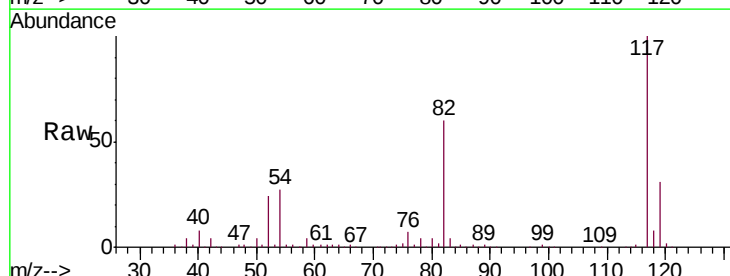
Instrument :
MSVOA_W
ClientSampleId :
VW0907SBL01

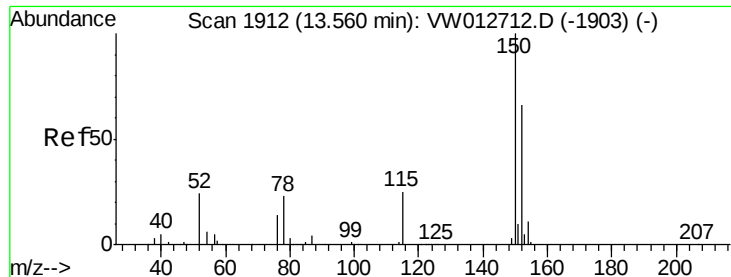
Tgt Ion: 95 Resp: 165489
Ion Ratio Lower Upper
95 100
174 79.7 0.0 161.0
176 77.9 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012718.D
Acq: 07 Sep 2019 14:09

Tgt Ion: 117 Resp: 325251
Ion Ratio Lower Upper
117 100
82 59.9 48.2 72.4
119 31.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012718.D

Acq: 07 Sep 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBL01

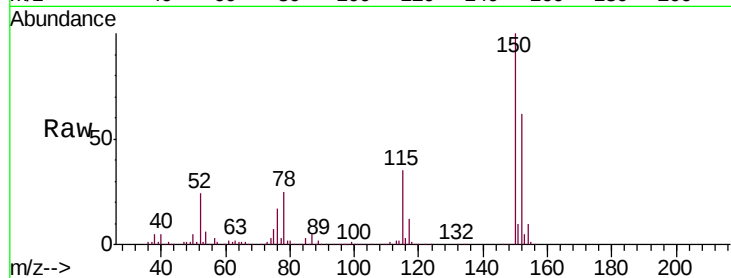
Tgt Ion:152 Resp: 148260

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.1

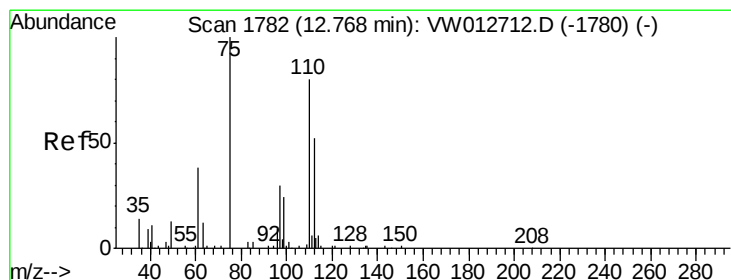
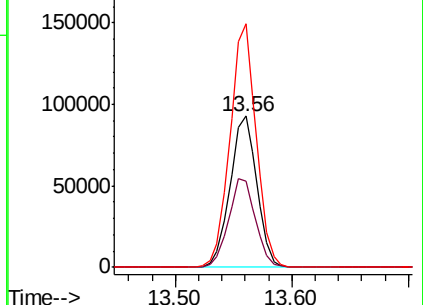
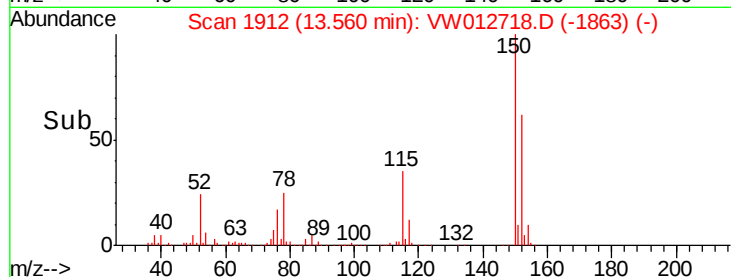
150 157.1 0.0 349.0



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: 58.791 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012718.D

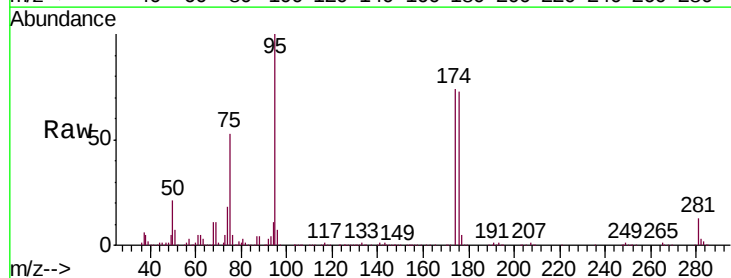
Acq: 07 Sep 2019 14:09

Tgt Ion: 75 Resp: 89128

Ion Ratio Lower Upper

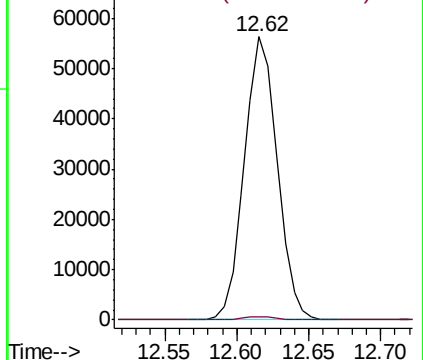
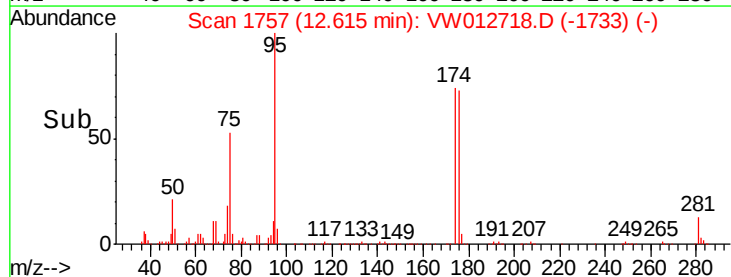
75 100

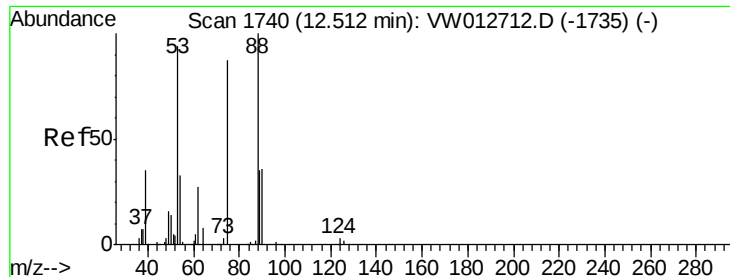
77 1.1 0.0 0.0#



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: 124.346 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012718.D

Acq: 07 Sep 2019 14:09

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBL01

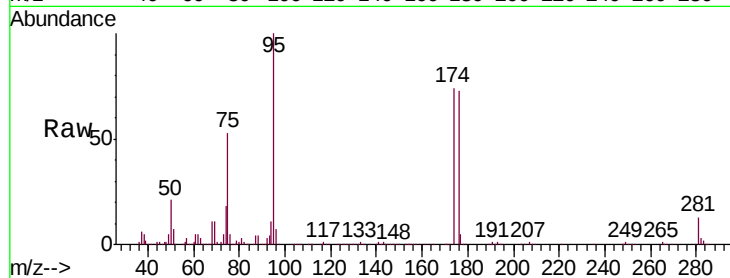
Tgt Ion: 75 Resp: 89128

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

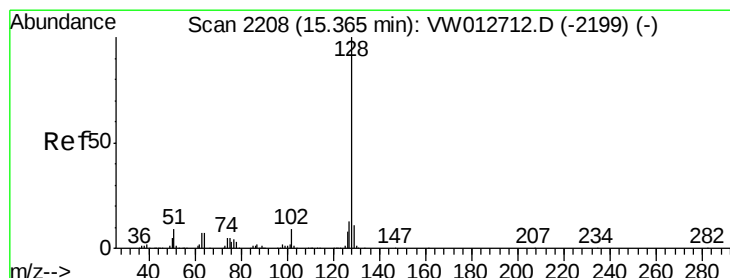
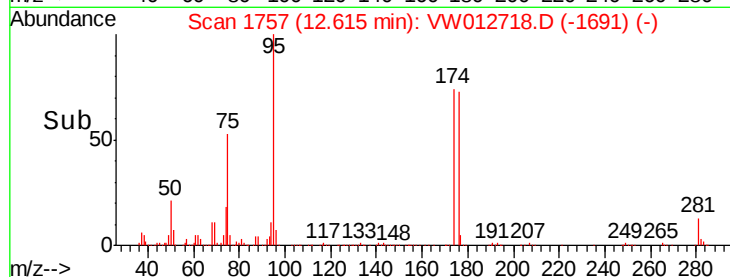
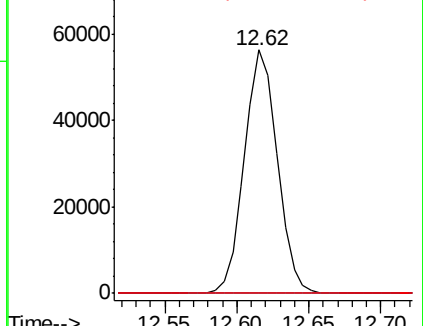
89 0.1 35.5 53.3#



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



#95

Naphthalene

Concen: 4.866 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012718.D

Acq: 07 Sep 2019 14:09

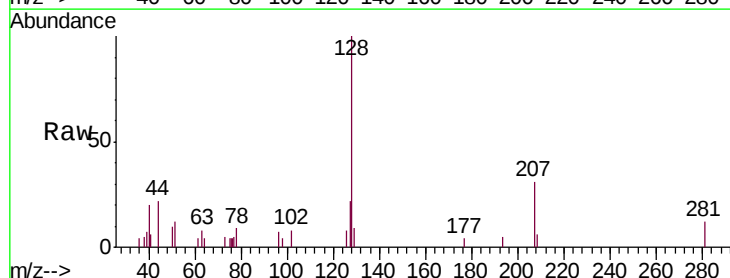
Tgt Ion: 128 Resp: 2912

Ion Ratio Lower Upper

128 100

127 15.9 10.7 16.1

129 9.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

