

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011199.D
 Acq On : 10 Jul 2019 19:36
 Operator : SY/VA
 Sample : VW0711SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBL01

Quant Time: Jul 11 08:07:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

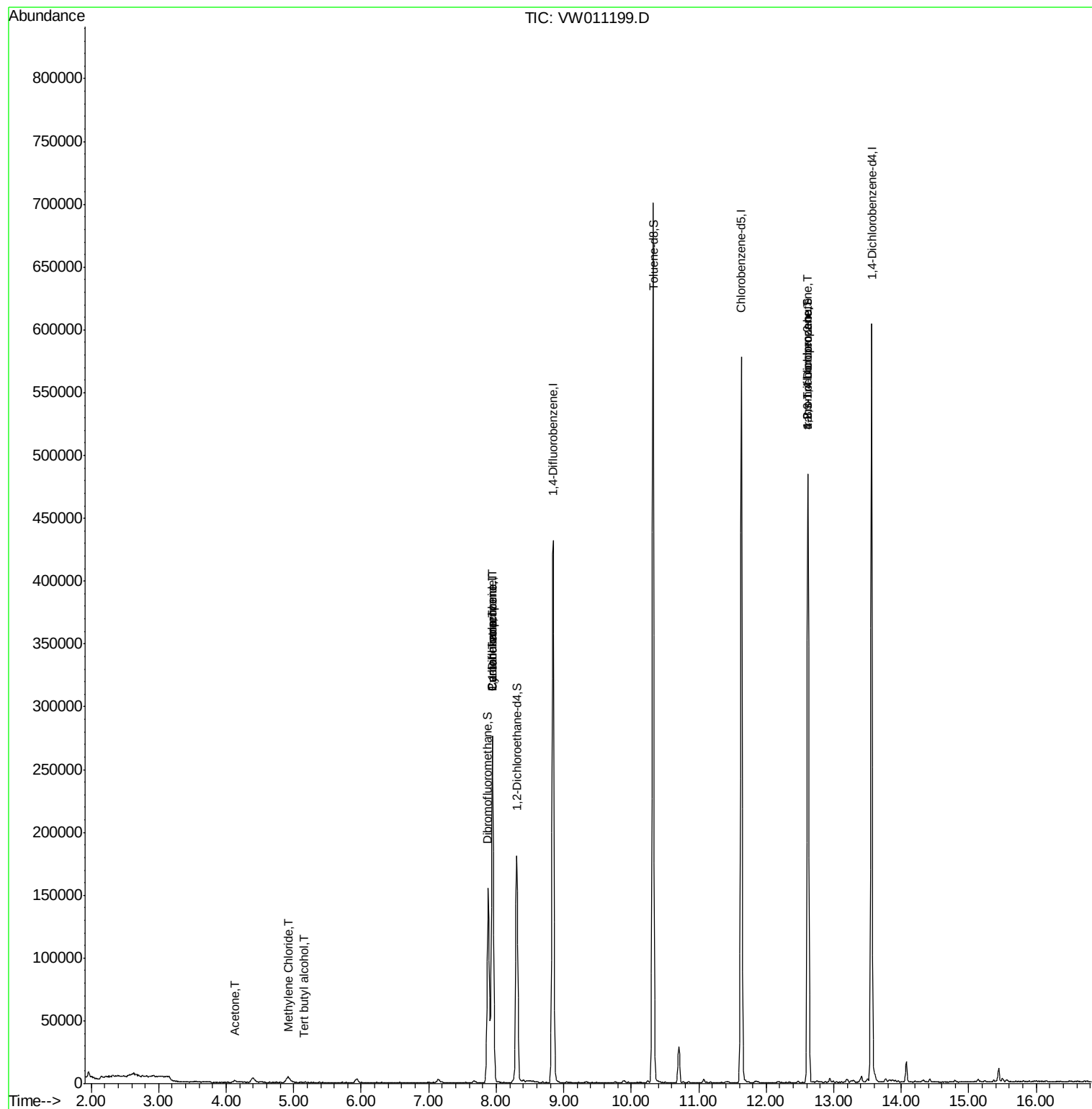
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142801	57.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.72%	
35) Dibromofluoromethane	7.88	113	109811	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	10.32	98	434777	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.62	95	157519	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	206	1.127	ug/l #	70
16) Acetone	4.13	43	3641	6.131	ug/l	91
20) Methylene Chloride	4.92	84	3751	1.601	ug/l #	77
31) Cyclohexane	7.95	56	5168	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17616	4.918	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19803	6.522	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	85610	51.767	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85610	117.087	ug/l #	5

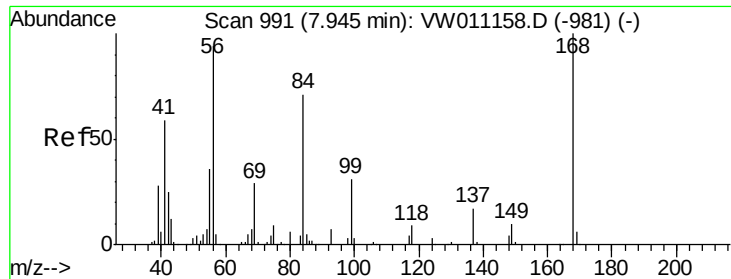
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :
VW0711SBL01

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Quant Title : SW846 8260
QLast Update : Wed Jul 10 06:41:08 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: VW011199.D

Acq: 10 Jul 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

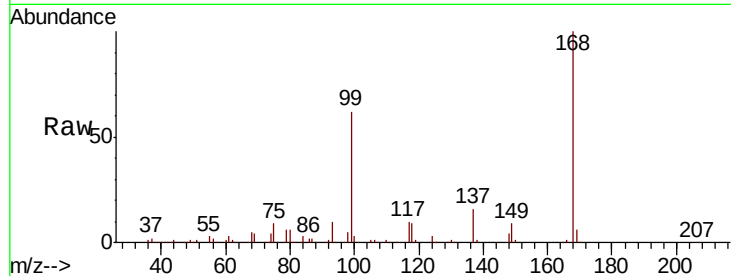
VW0711SBL01

Tot Ion:168 Resp: 196428

Ion Ratio Lower Upper

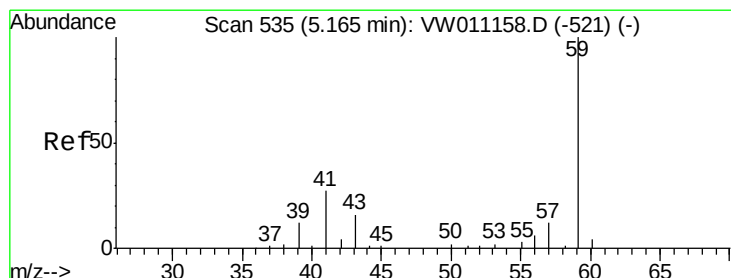
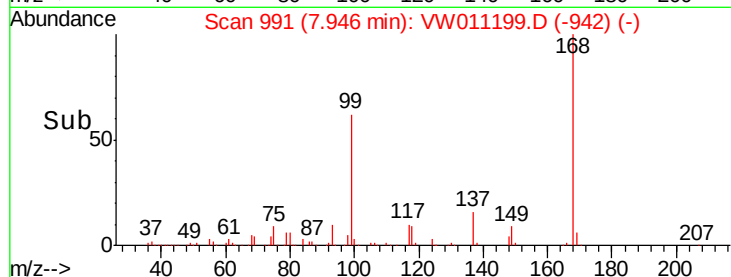
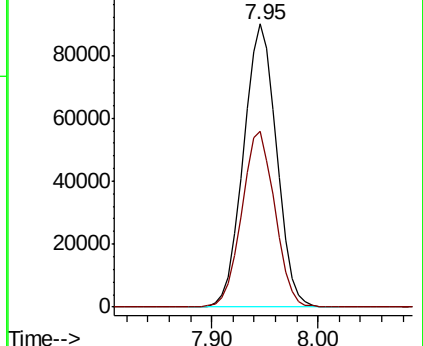
168 100

99 62.0 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.127 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011199.D

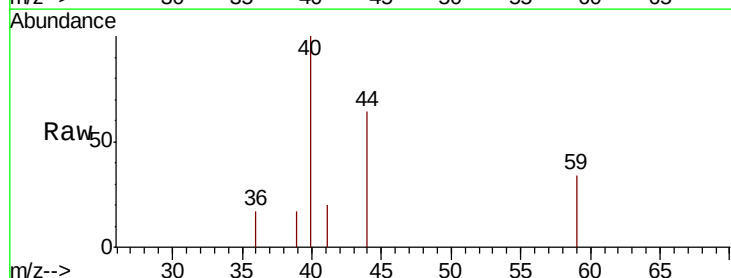
Acq: 10 Jul 2019 19:36

Tgt Ion: 59 Resp: 206

Ion Ratio Lower Upper

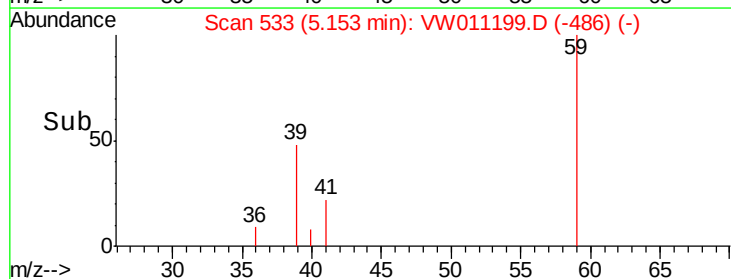
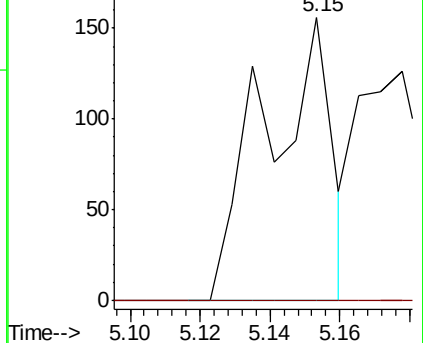
59 100

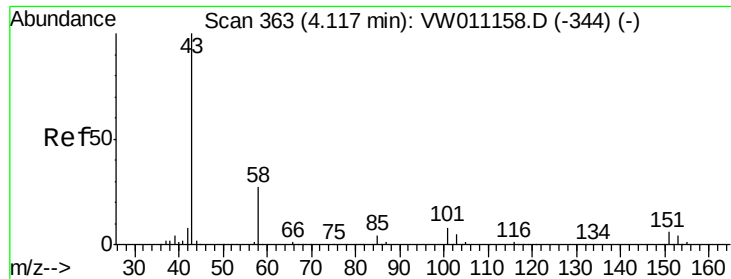
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 6.131 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

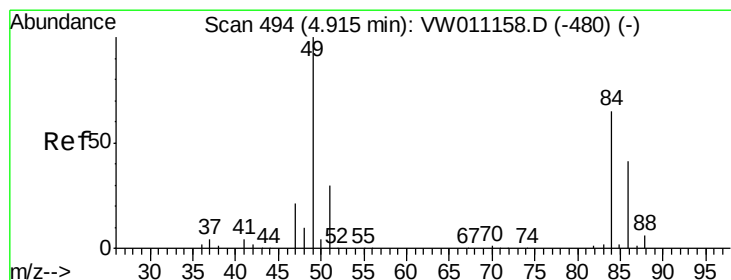
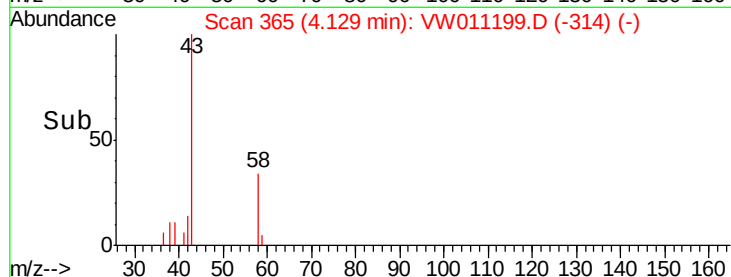
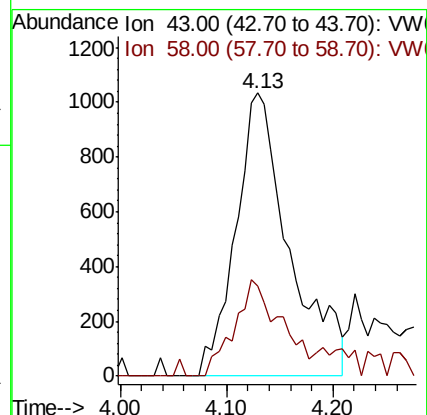
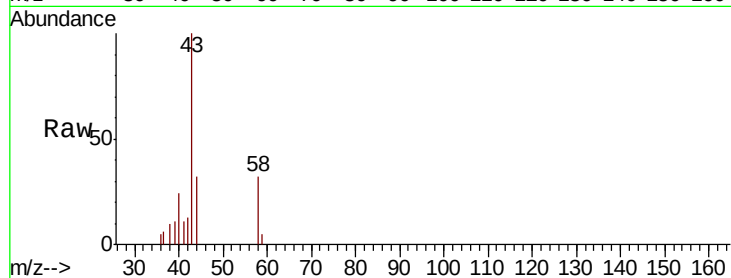
VW0711SBL01

Tot Ion: 43 Resp: 3641

Ion Ratio Lower Upper

43 100

58 31.8 21.8 32.6



#20

Methylene Chloride

Concen: 1.601 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

Tgt Ion: 84 Resp: 3751

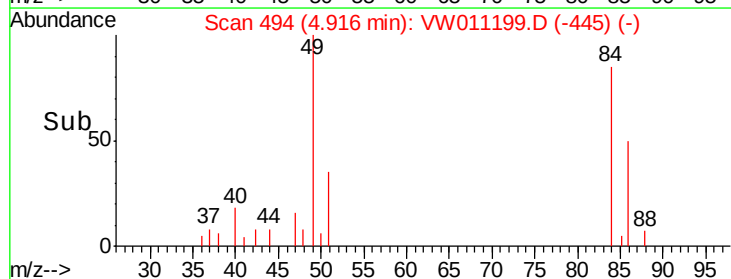
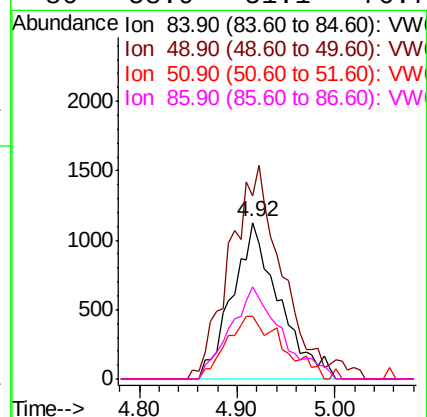
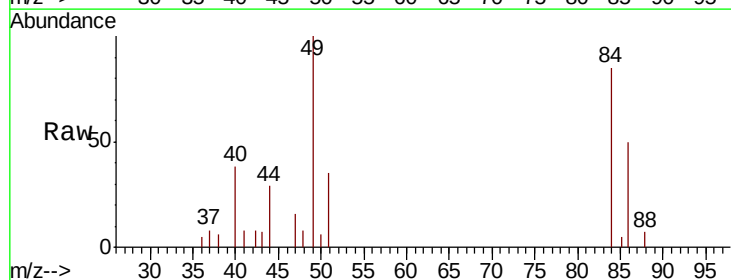
Ion Ratio Lower Upper

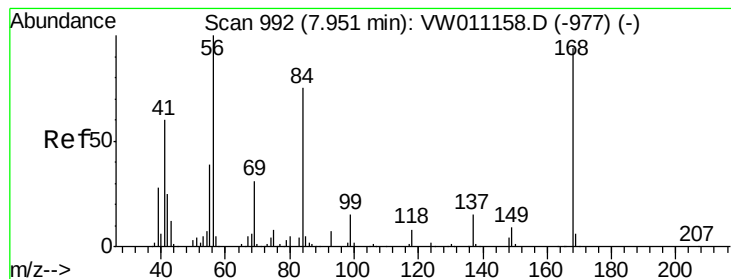
84 100

49 111.1 123.8 185.6#

51 40.5 37.4 56.2

86 58.9 51.1 76.7





#31

Cyclohexane

Concen: 1.081 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBL01

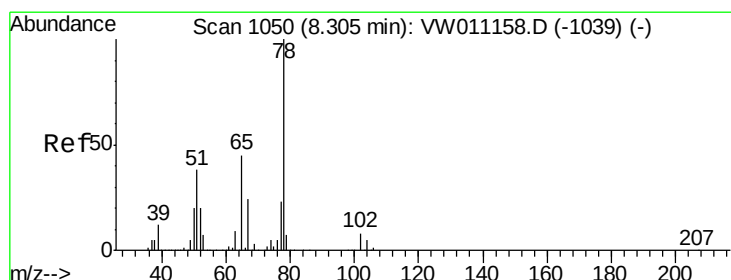
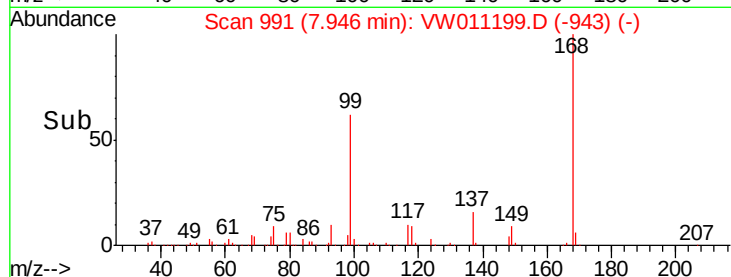
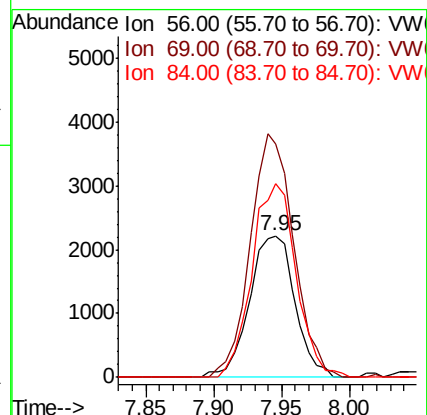
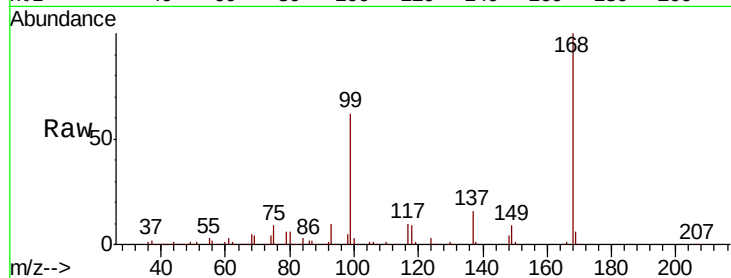
Tot Ion: 56 Resp: 5168

Ion Ratio Lower Upper

56 100

69 164.6 24.6 36.8#

84 136.9 60.1 90.1#



#33

1,2-Dichloroethane-d4

Concen: 57.857 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011199.D

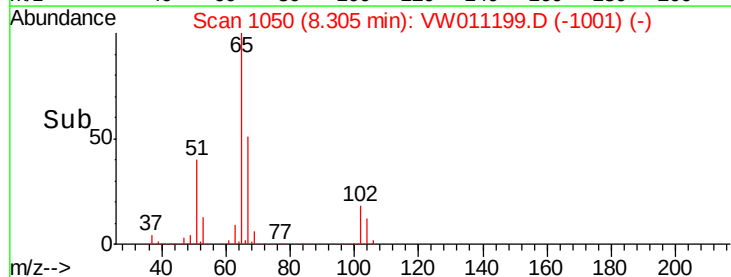
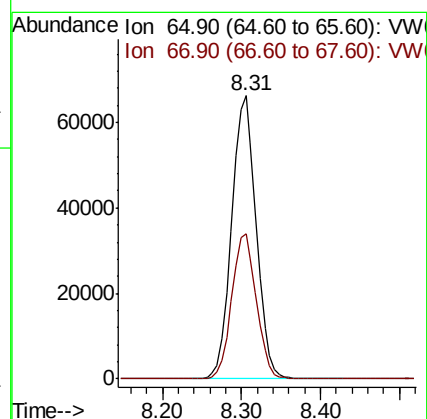
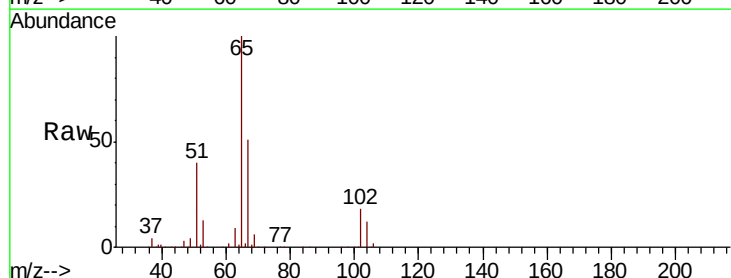
Acq: 10 Jul 2019 19:36

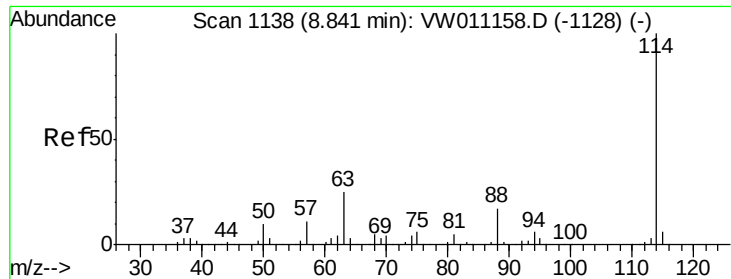
Tgt Ion: 65 Resp: 142801

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4

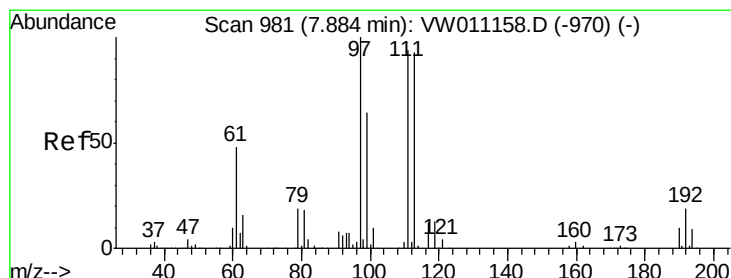
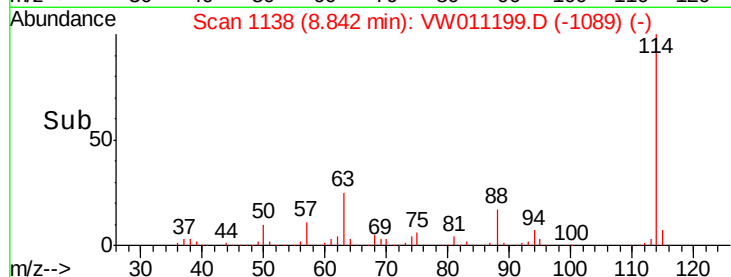
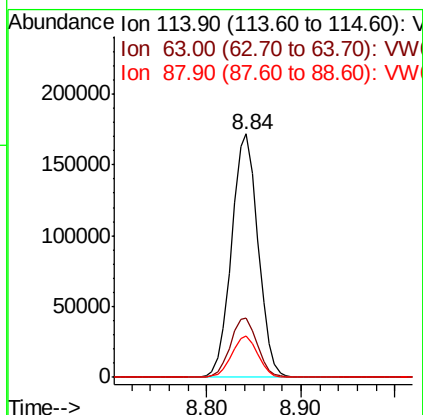
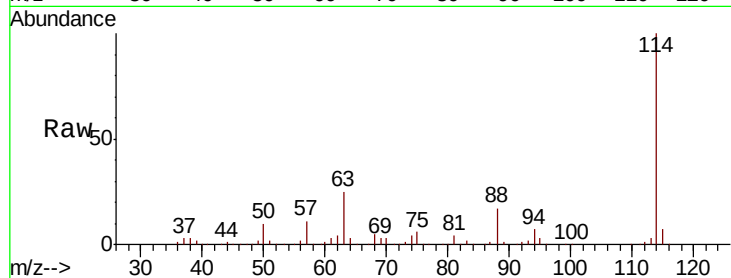




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011199.D
 Acq: 10 Jul 2019 19:36

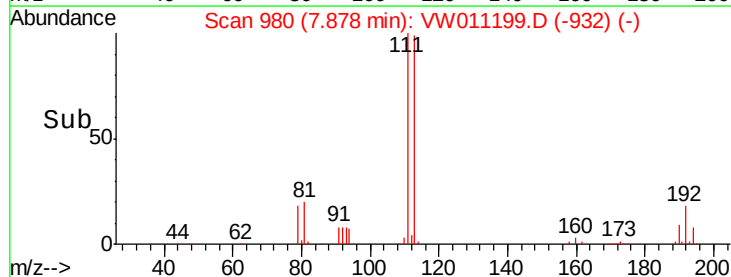
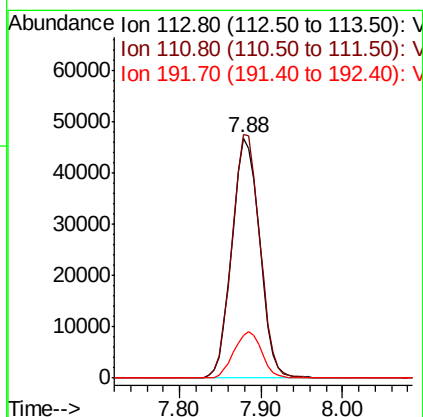
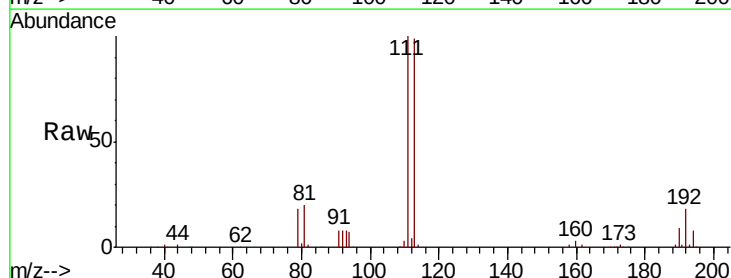
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBL01

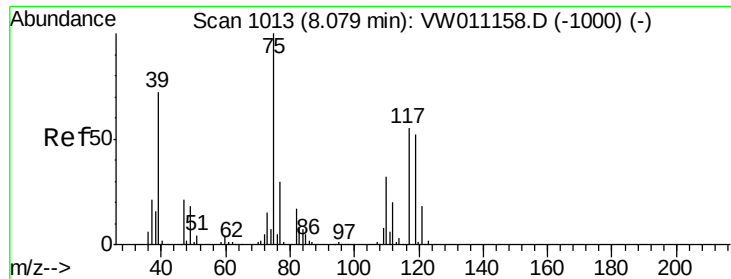
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.8
88	16.9	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 54.776 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011199.D
 Acq: 10 Jul 2019 19:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	19.4	15.8	23.8

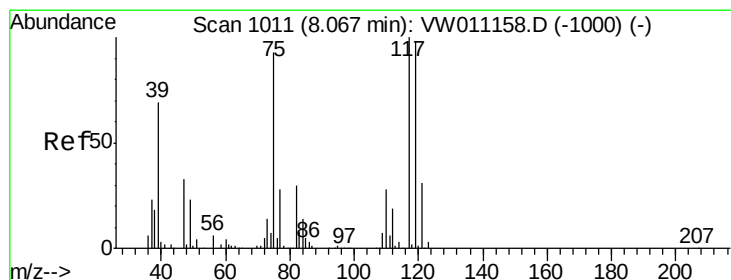
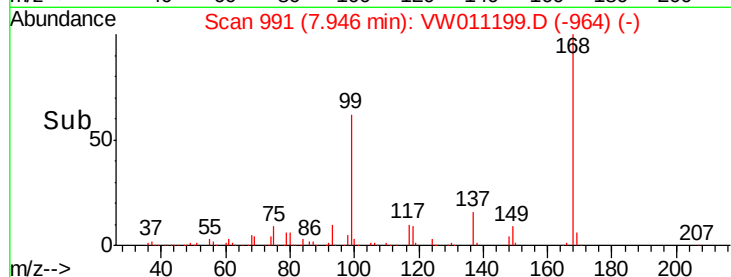
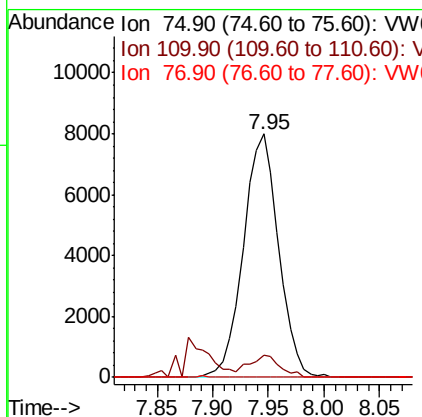
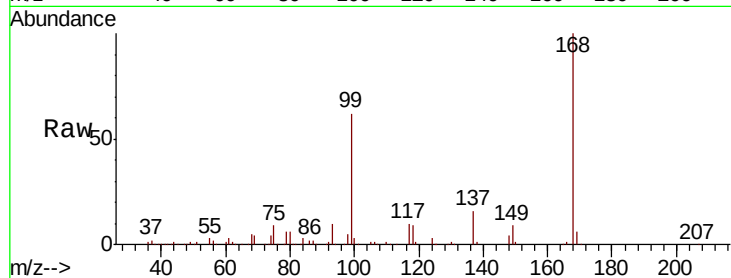




#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011199.D
 Acq: 10 Jul 2019 19:36

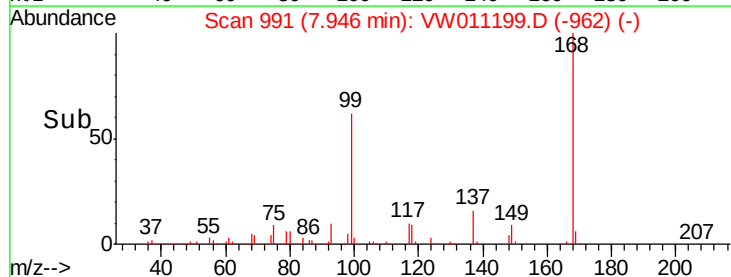
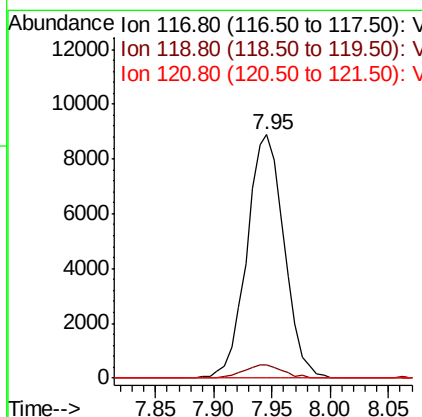
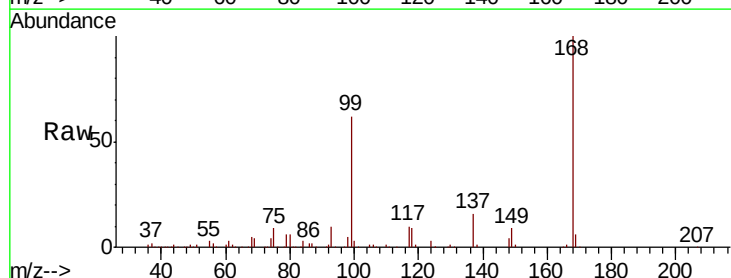
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBL01

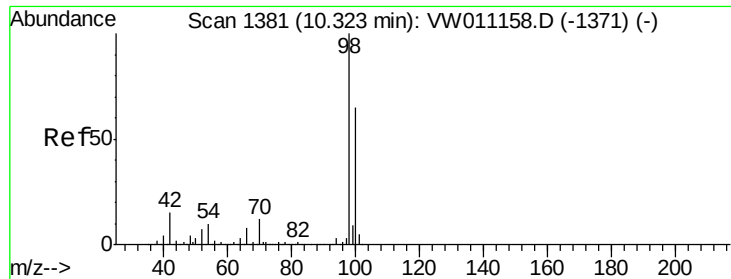
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.522 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011199.D
 Acq: 10 Jul 2019 19:36

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

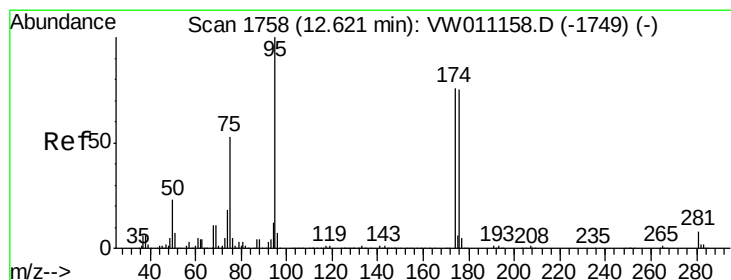
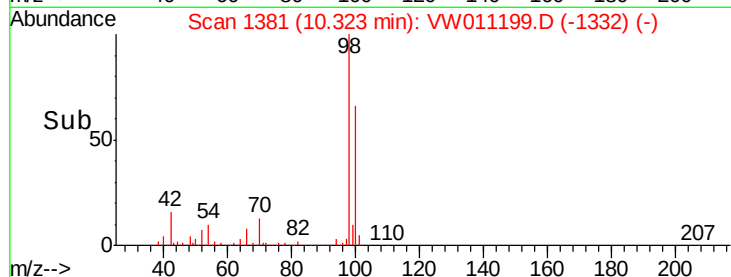
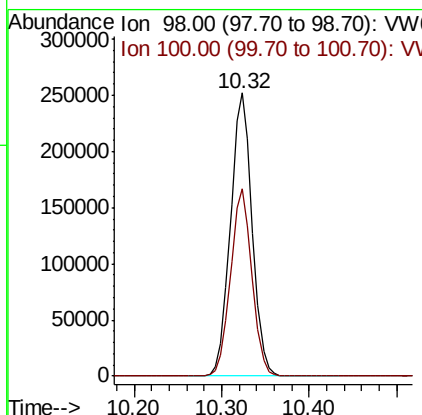
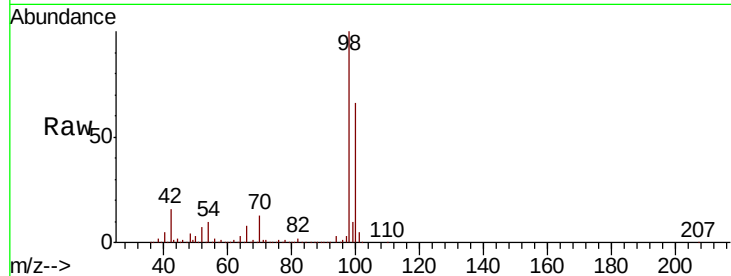




#50
Toluene-d8
Concen: 53.654 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011199.D
Acq: 10 Jul 2019 19:36

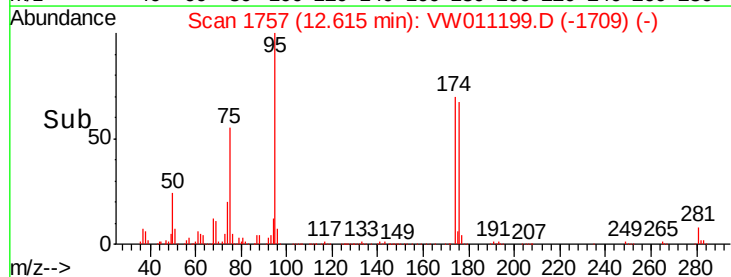
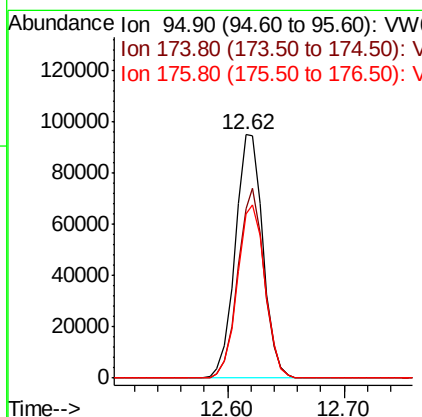
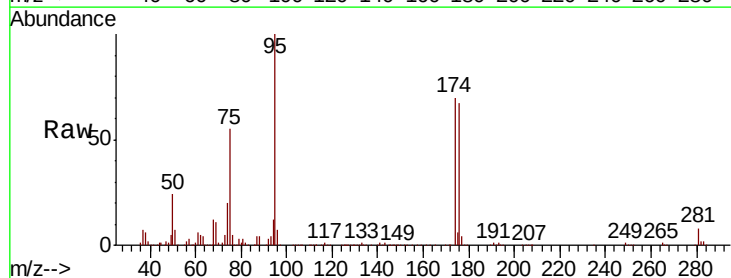
Instrument :
MSVOA_W
ClientSampleId :
VW0711SBL01

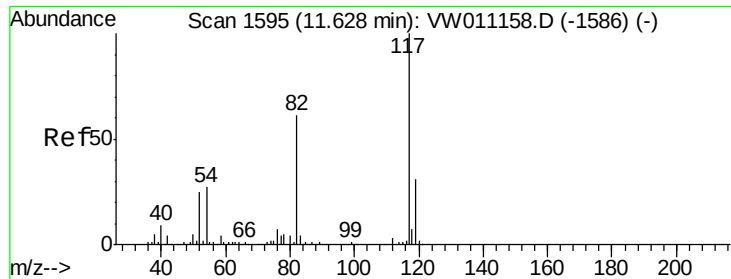
Tot Ion: 98 Resp: 434777
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.034 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011199.D
Acq: 10 Jul 2019 19:36

Tgt Ion: 95 Resp: 157519
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.6
176 71.3 0.0 144.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

VW0711SBL01

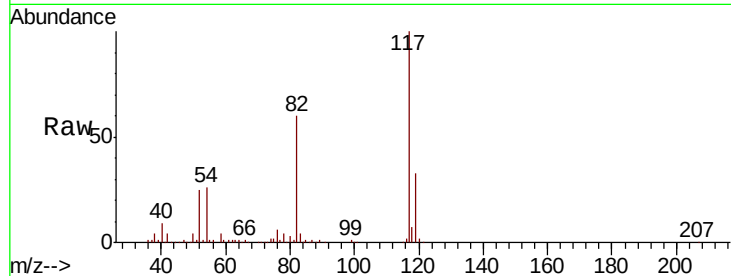
Tot Ion:117 Resp: 301631

Ion Ratio Lower Upper

117 100

82 60.5 48.9 73.3

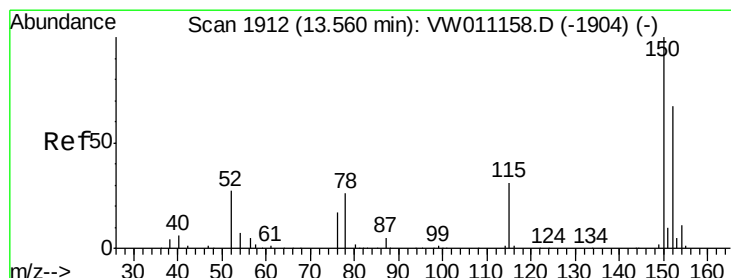
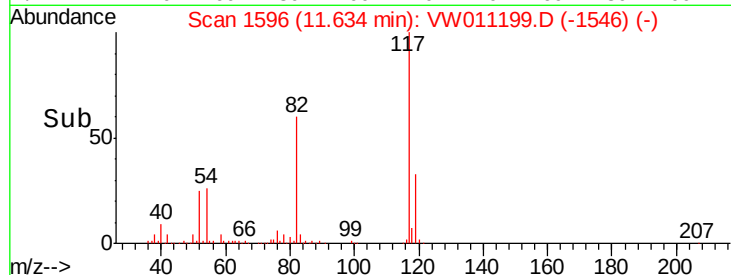
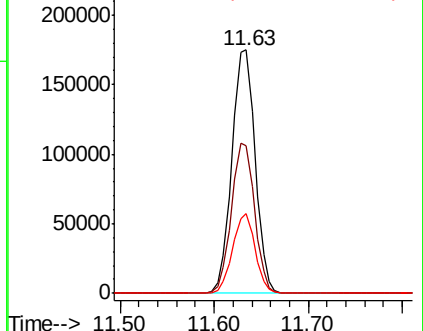
119 32.6 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

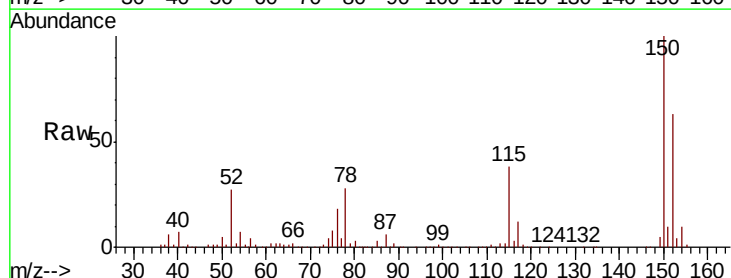
Tgt Ion:152 Resp: 143105

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

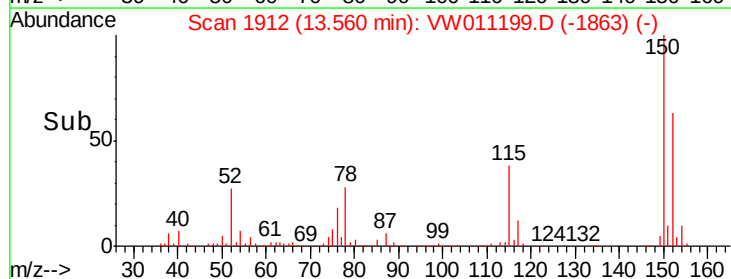
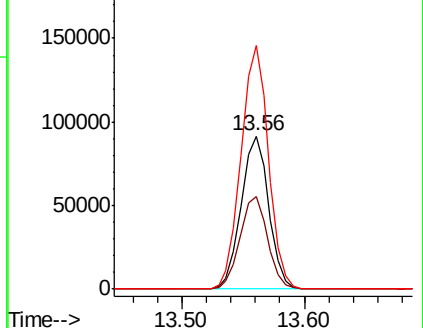
150 158.3 0.0 346.0

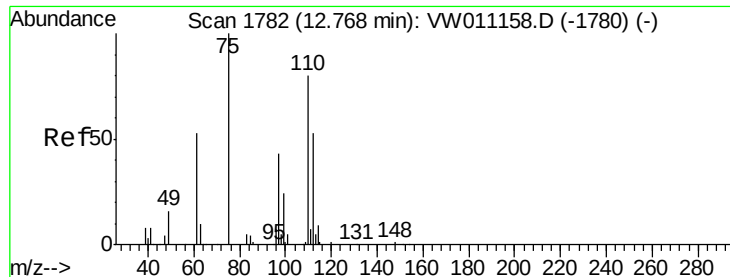


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 51.767 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

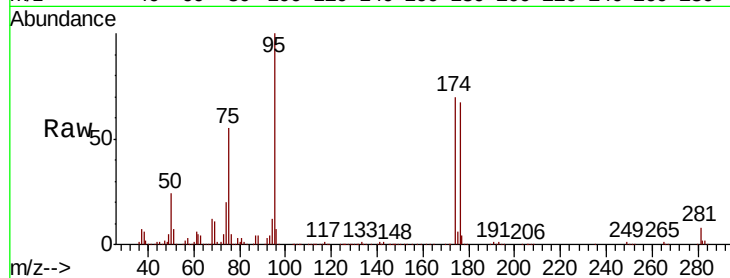
VW0711SBL01

Tot Ion: 75 Resp: 85610

Ion Ratio Lower Upper

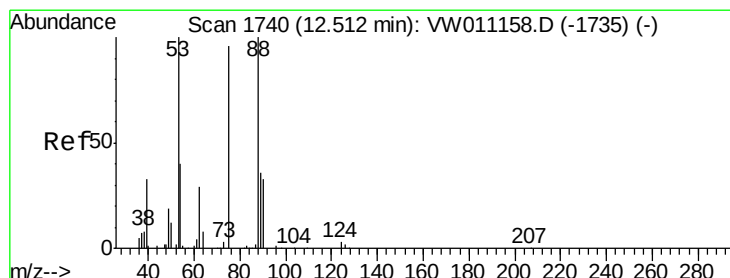
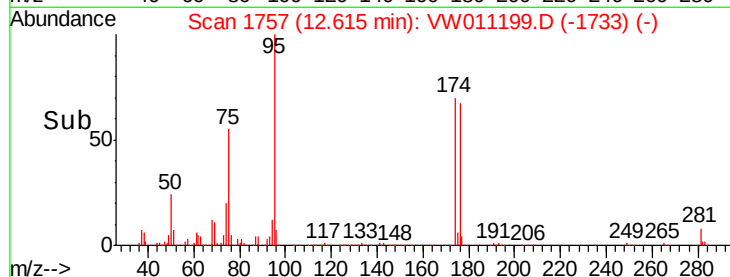
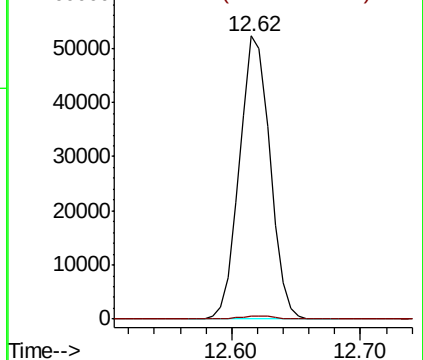
75 100

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: 117.087 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011199.D

Acq: 10 Jul 2019 19:36

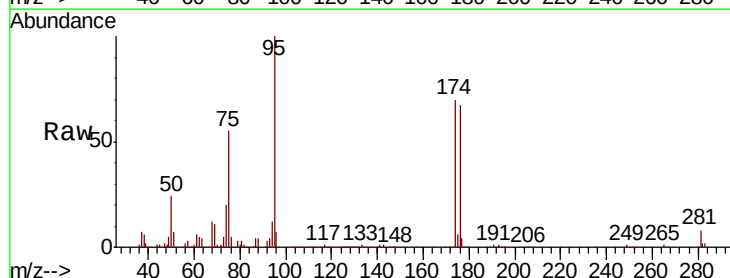
Tgt Ion: 75 Resp: 85610

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.0 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

