

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011092.D
 Acq On : 01 Jul 2019 18:28
 Operator : SY/VA
 Sample : K3628-01
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-217-368

Quant Time: Jul 02 08:37:08 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

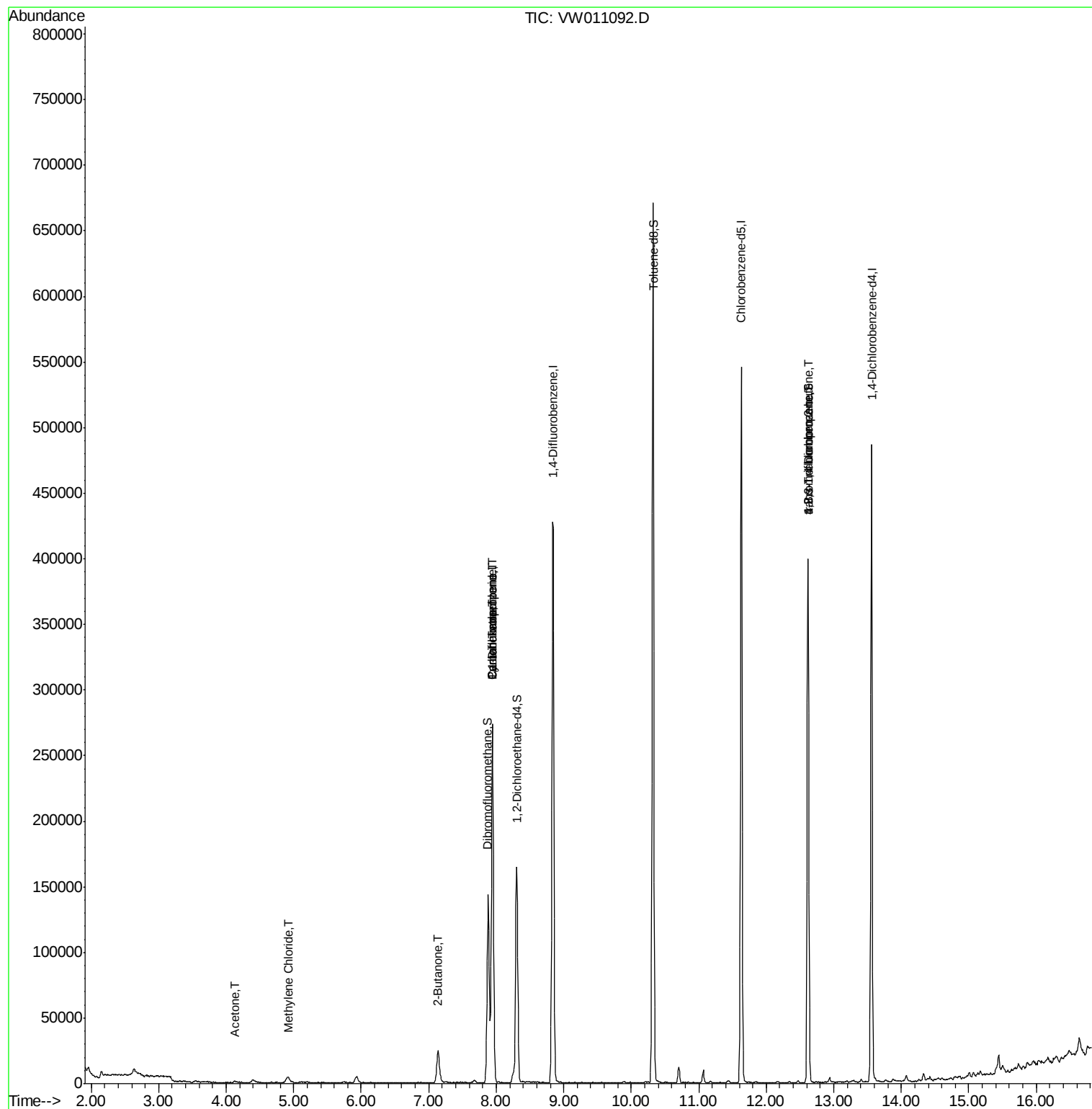
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130675	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	7.88	113	100881	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.32	98	412547	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.62	95	131383	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1833	2.949	ug/l	96
20) Methylene Chloride	4.93	84	3145	1.245	ug/l #	77
25) 2-Butanone	7.13	43	1777	1.881	ug/l #	84
31) Cyclohexane	7.94	56	5300	1.088	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	17538	4.841	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20576	6.896	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	71511	58.734	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71511	118.820	ug/l #	3

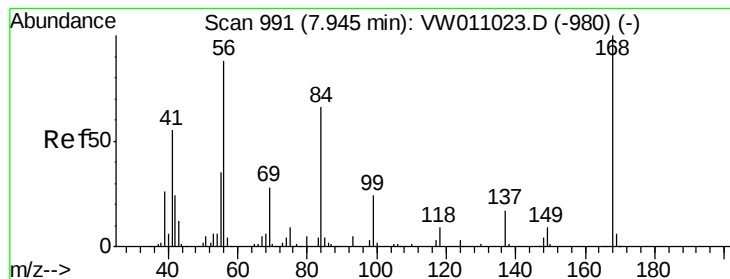
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011092.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

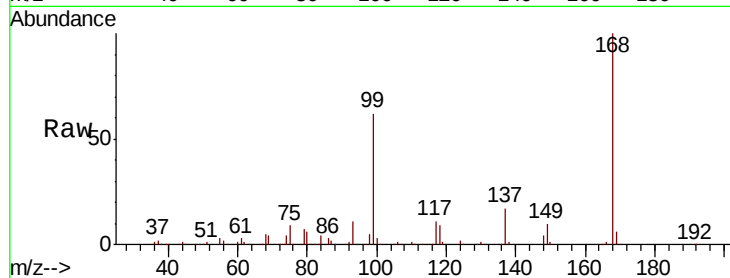
VNJ-217-368

Tot Ion:168 Resp: 194821

Ion Ratio Lower Upper

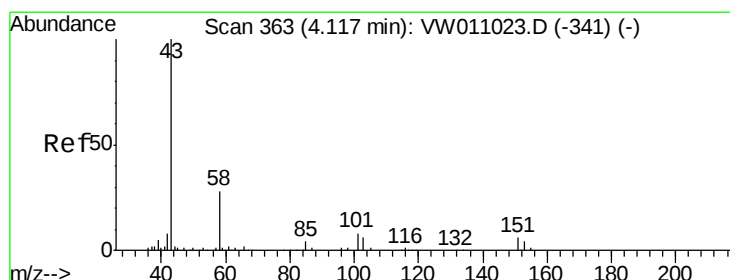
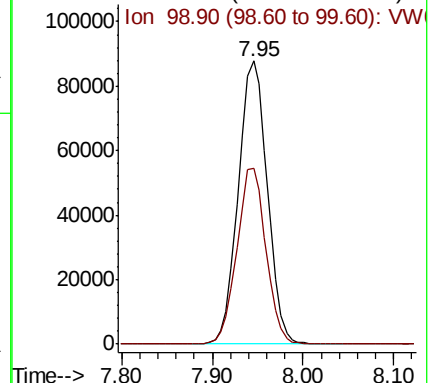
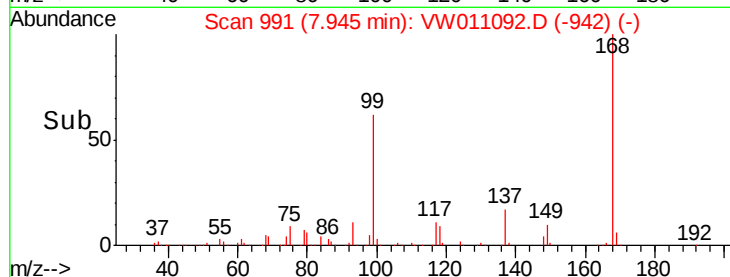
168 100

99 62.3 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: 2.949 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011092.D

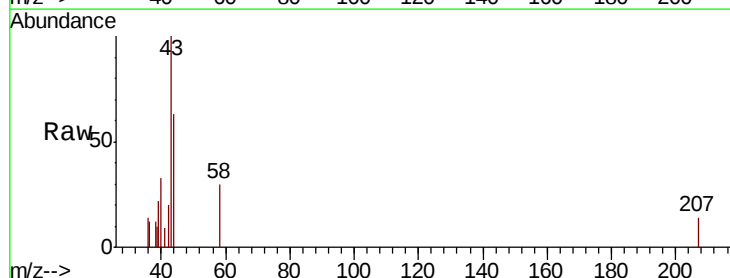
Acq: 01 Jul 2019 18:28

Tgt Ion: 43 Resp: 1833

Ion Ratio Lower Upper

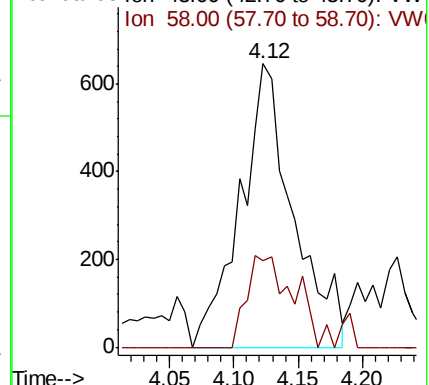
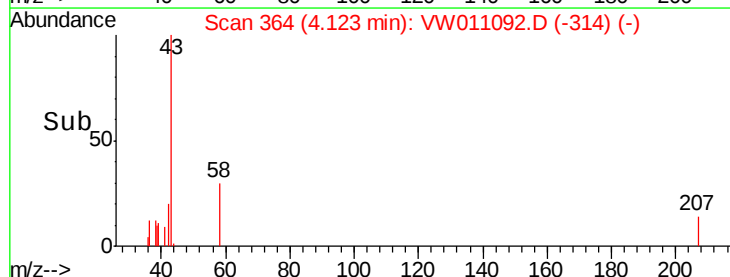
43 100

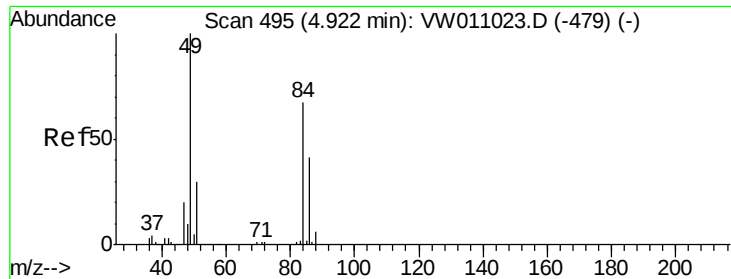
58 30.3 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

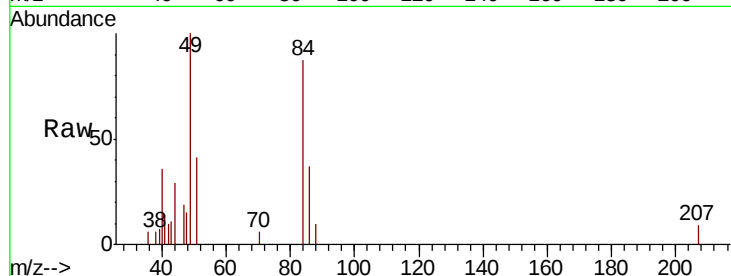




#20
Methvlene Chloride
Concen: 1.245 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

Instrument :
MSVOA_W
ClientSampleId :
VNJ-217-368

Tot Ion: 84 Resp: 3145
Ion Ratio Lower Upper
84 100
49 114.6 119.6 179.4#
51 46.8 35.6 53.4
86 42.9 49.0 73.6#



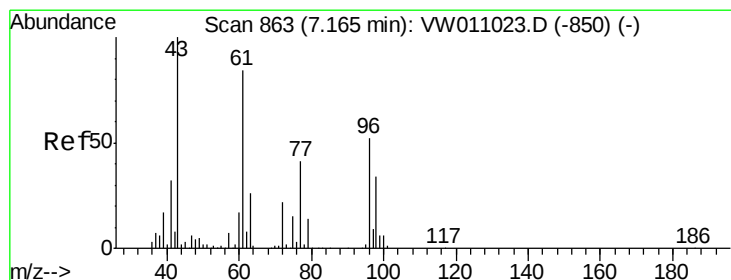
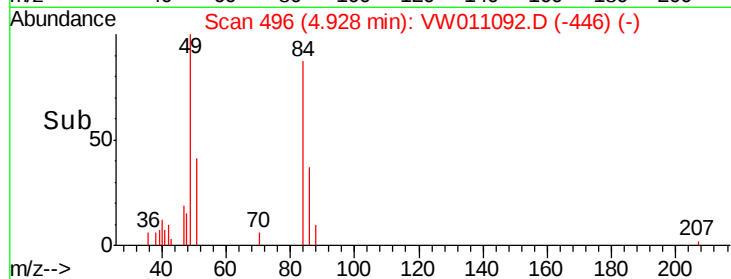
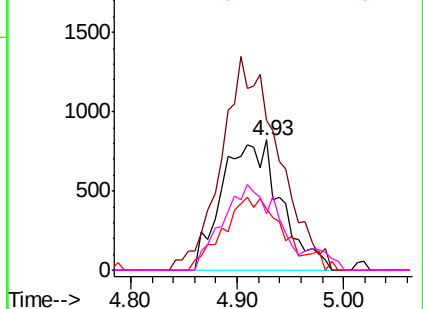
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

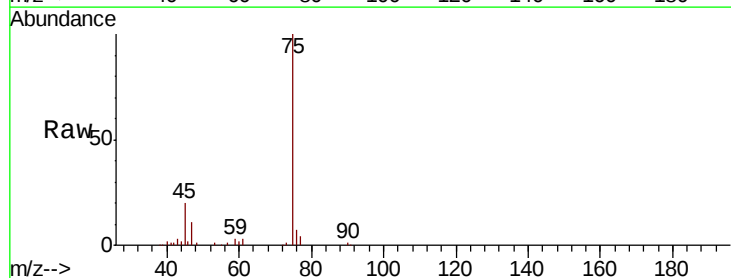
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 1.881 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

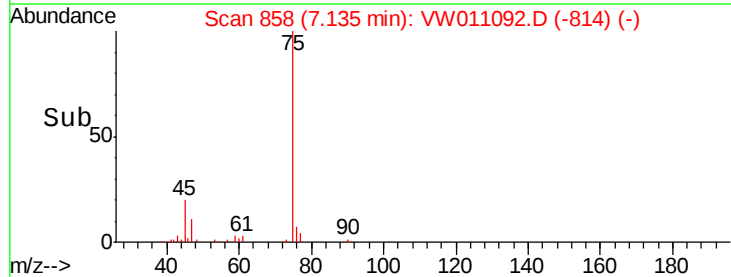
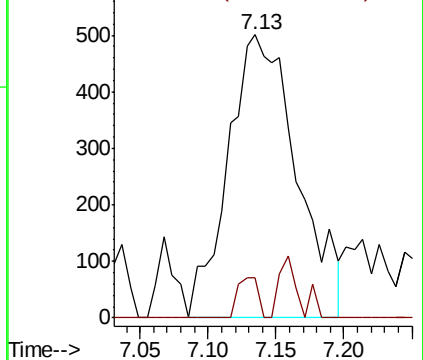
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
72 14.2 17.2 25.8#

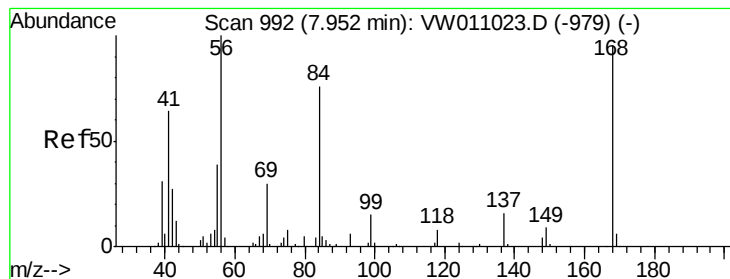


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011092.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

VNJ-217-368

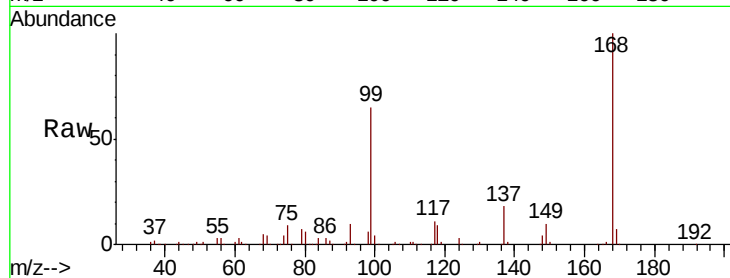
Tot Ion: 56 Resp: 5300

Ion Ratio Lower Upper

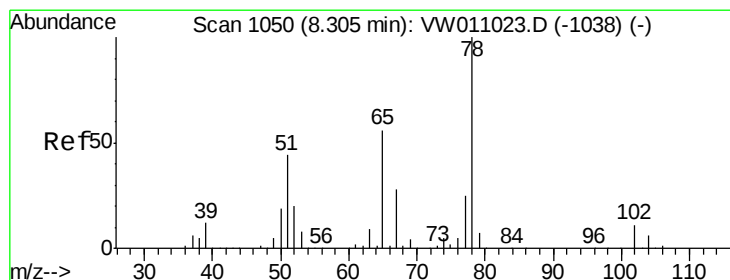
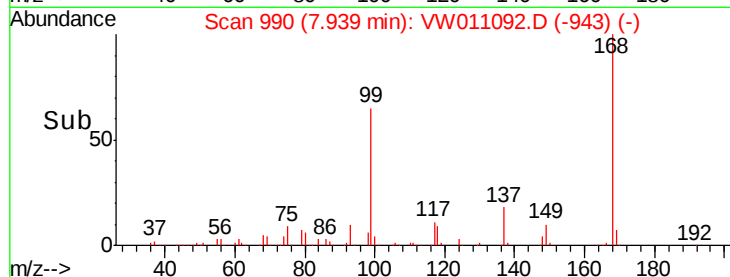
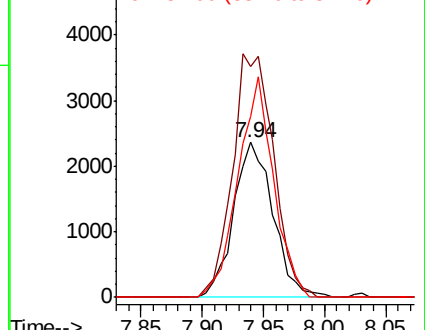
56 100

69 148.8 24.2 36.2#

84 116.6 60.6 90.8#



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: 51.309 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011092.D

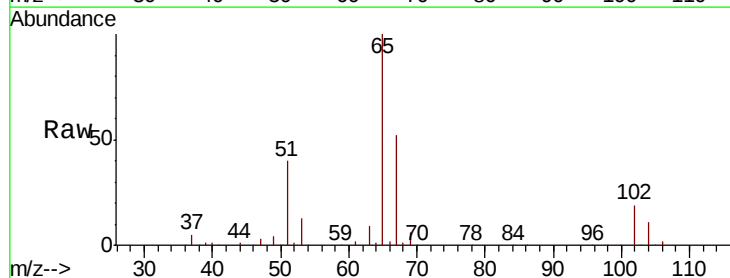
Acq: 01 Jul 2019 18:28

Tgt Ion: 65 Resp: 130675

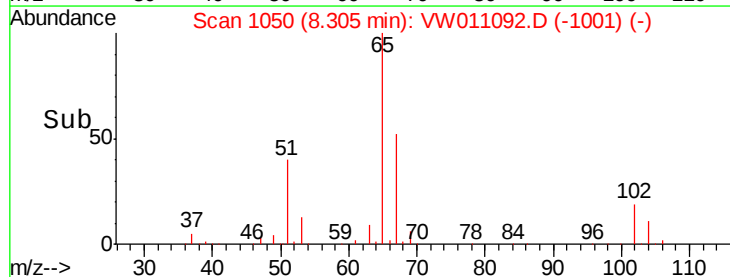
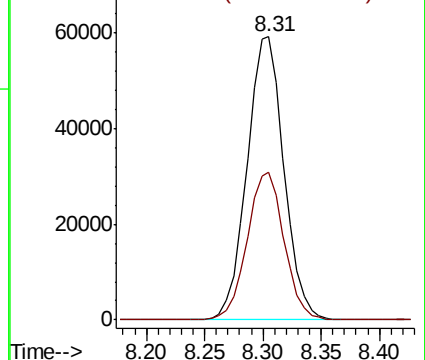
Ion Ratio Lower Upper

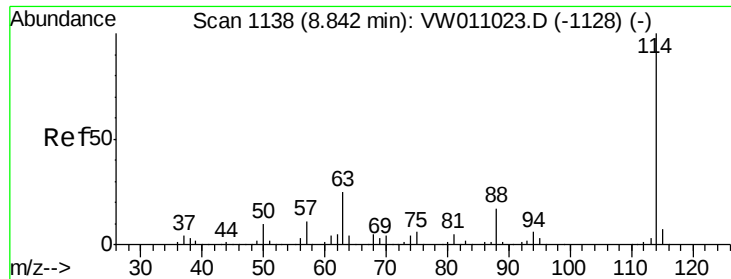
65 100

67 52.4 0.0 102.4



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

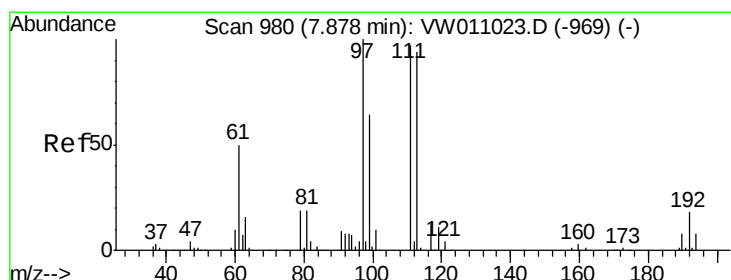
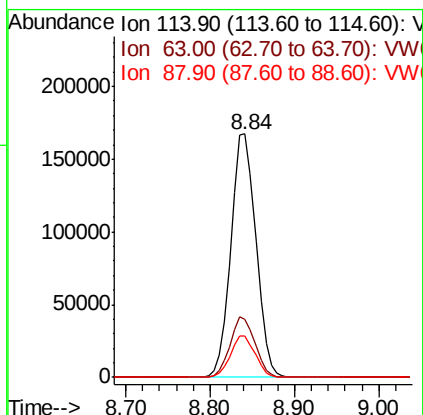
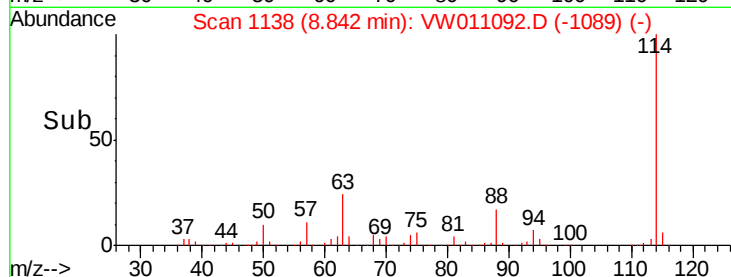
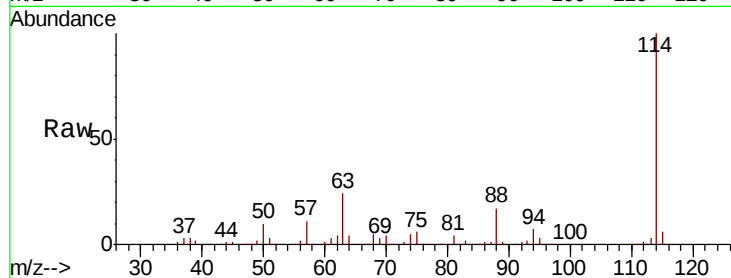




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

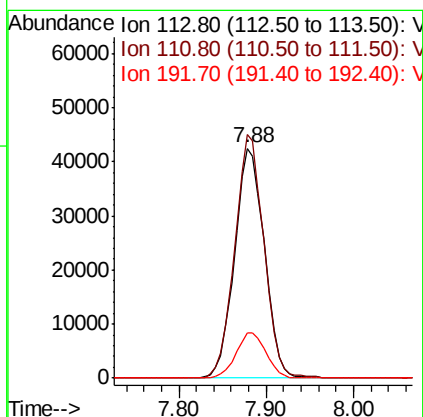
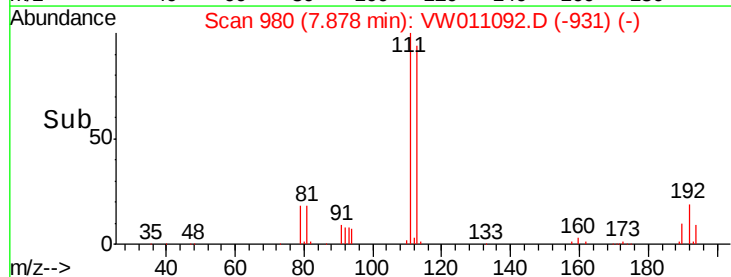
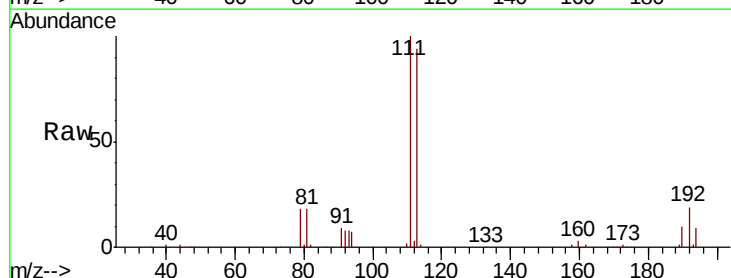
Instrument :
MSVOA_W
ClientSampleId :
VNJ-217-368

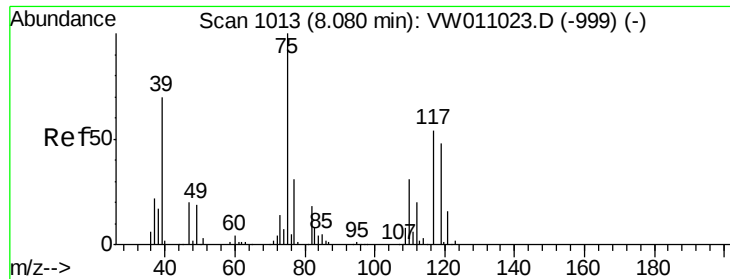
Tot Ion:114 Resp: 337092
Ion Ratio Lower Upper
114 100
63 24.1 0.0 50.6
88 17.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 49.009 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

Tgt Ion:113 Resp: 100881
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 20.0 16.0 24.0

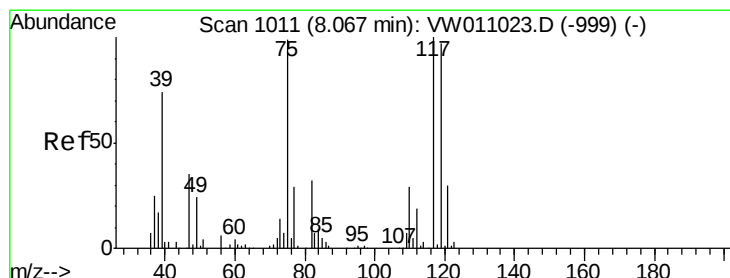
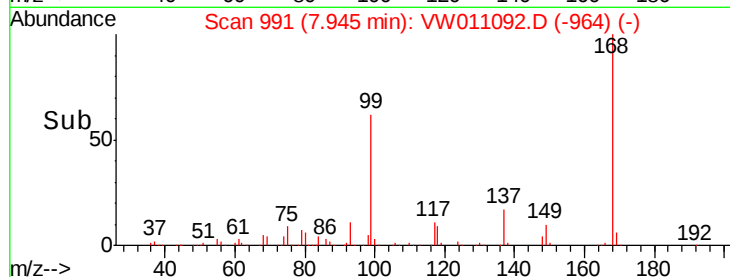
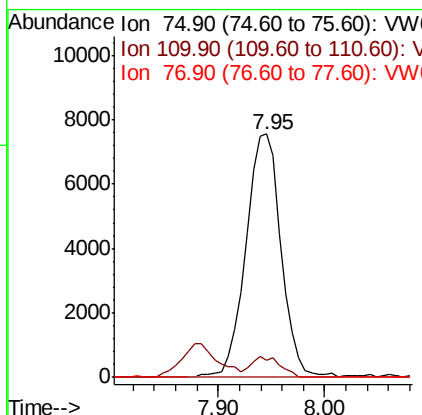
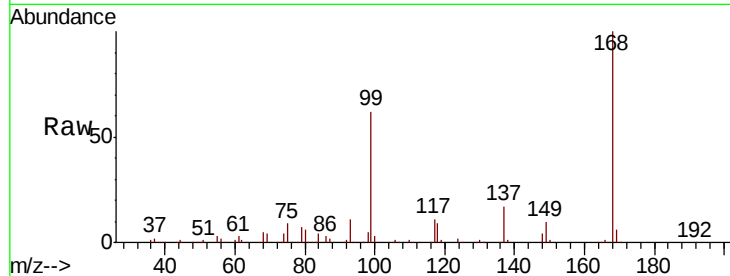




#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011092.D
 Acq: 01 Jul 2019 18:28

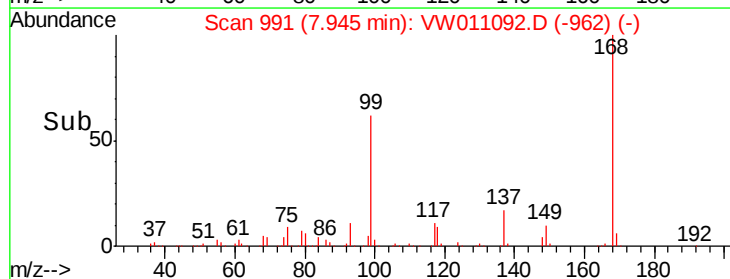
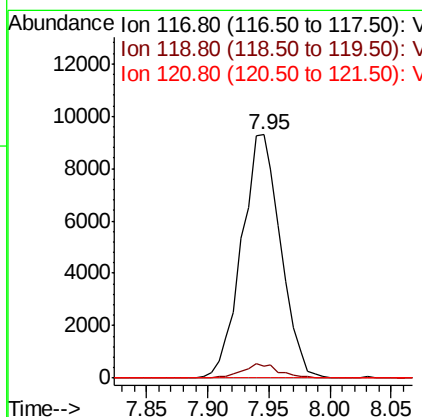
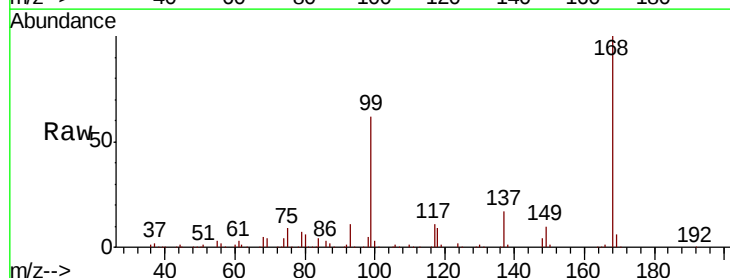
Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-217-368

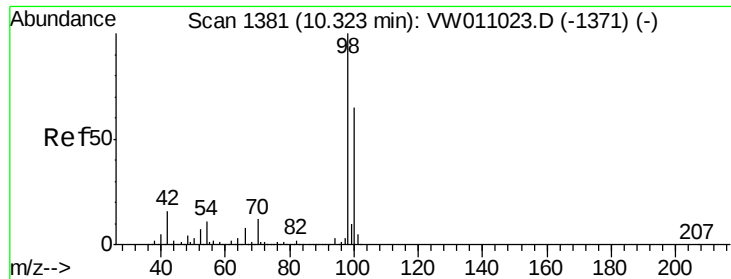
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.8	15.5	46.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.896 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011092.D
 Acq: 01 Jul 2019 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.7	116.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.690 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011092.D

Acq: 01 Jul 2019 18:28

Instrument :

MSVOA_W

ClientSampleId :

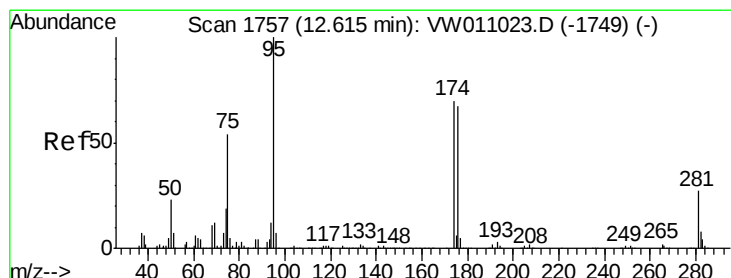
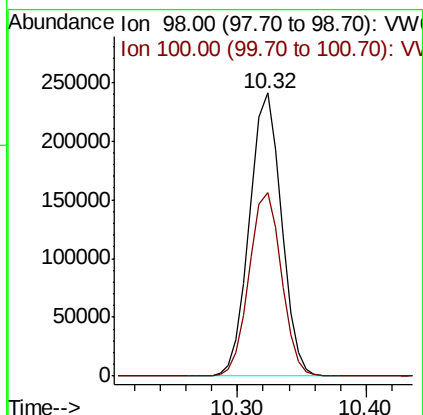
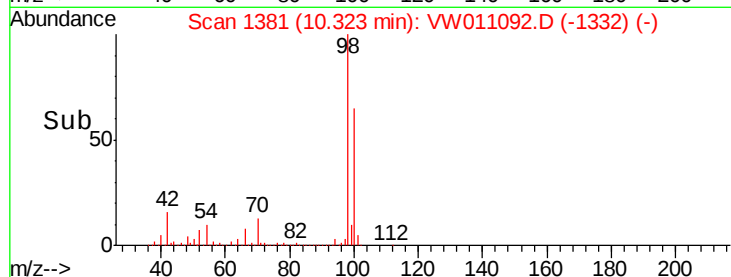
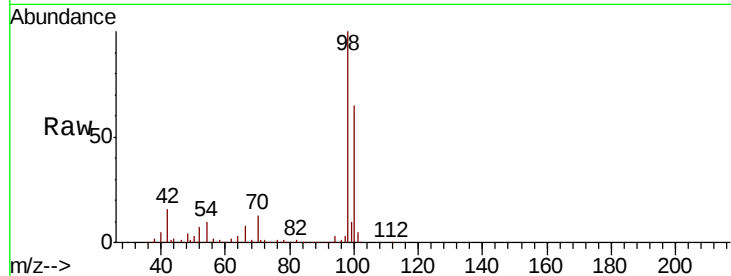
VNJ-217-368

Tot Ion: 98 Resp: 412547

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 42.395 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011092.D

Acq: 01 Jul 2019 18:28

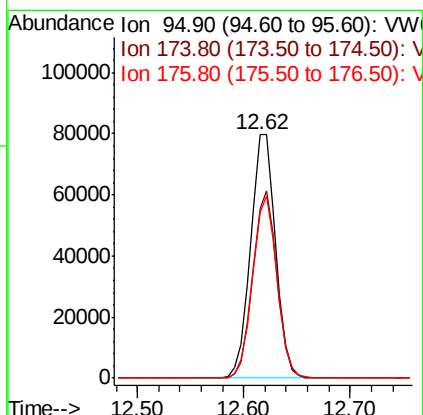
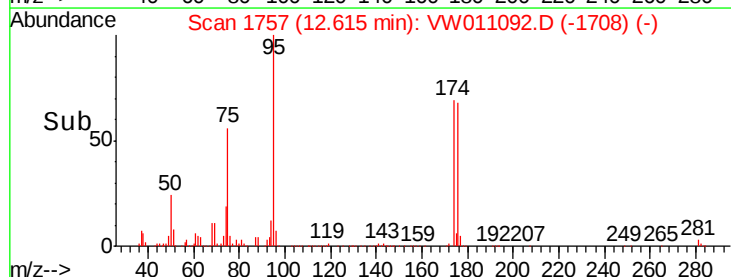
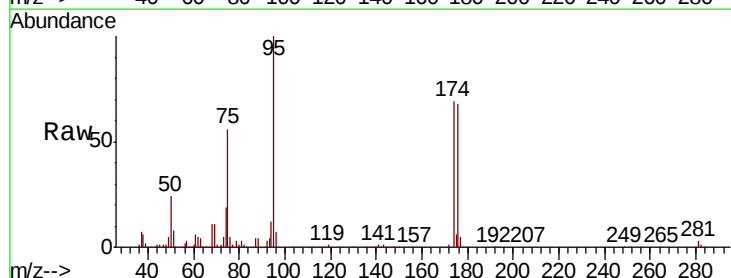
Tgt Ion: 95 Resp: 131383

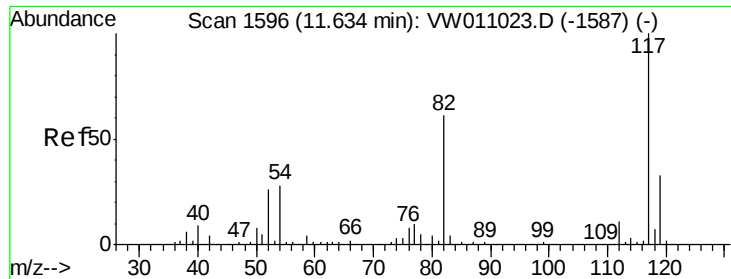
Ion Ratio Lower Upper

95 100

174 74.4 0.0 149.2

176 72.4 0.0 143.6

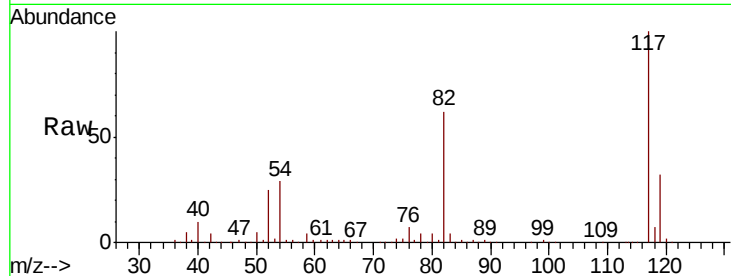




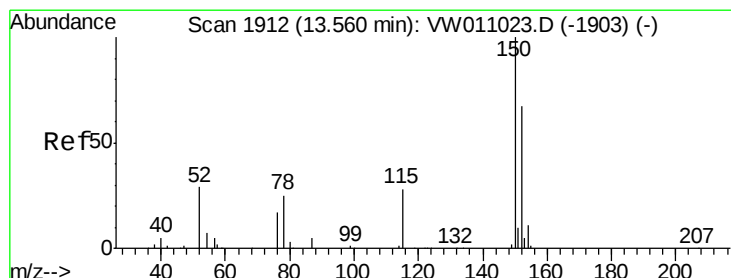
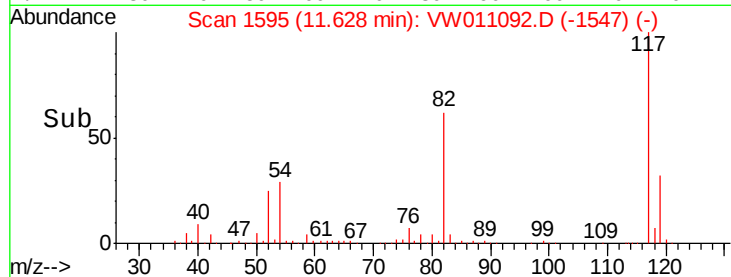
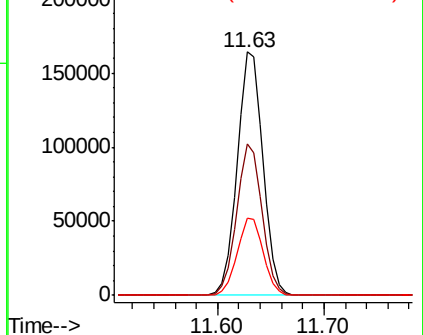
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

Instrument :
MSVOA_W
ClientSampleId :
VNJ-217-368

Tot Ion:117 Resp: 278905
Ion Ratio Lower Upper
117 100
82 62.2 48.6 73.0
119 31.7 26.1 39.1

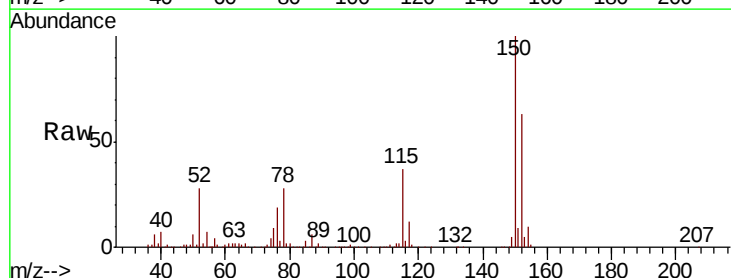


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

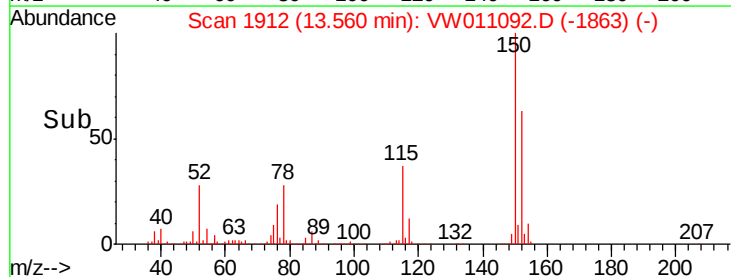
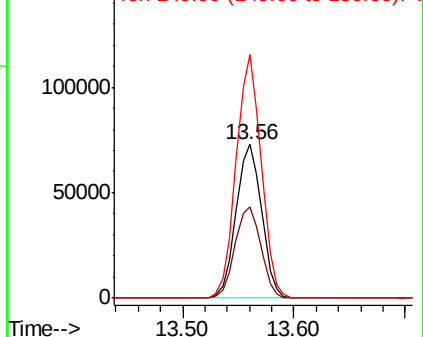


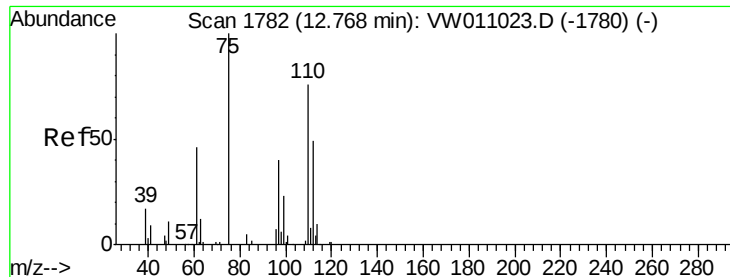
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011092.D
Acq: 01 Jul 2019 18:28

Tgt Ion:152 Resp: 115325
Ion Ratio Lower Upper
152 100
115 60.6 30.7 92.1
150 155.9 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

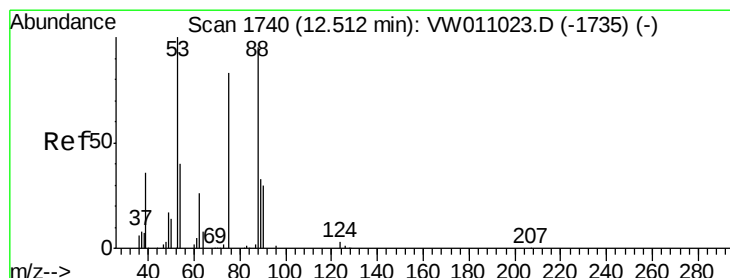
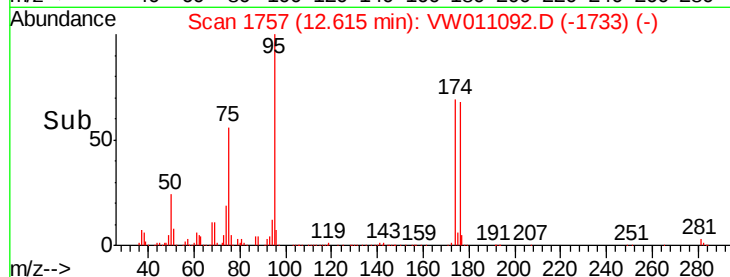
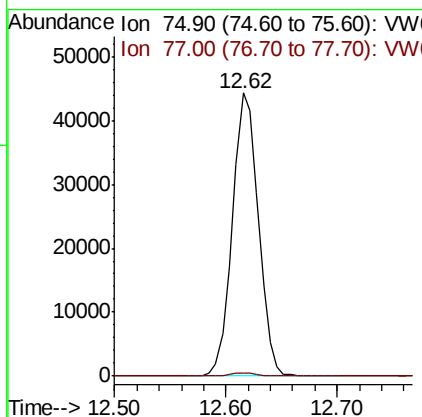
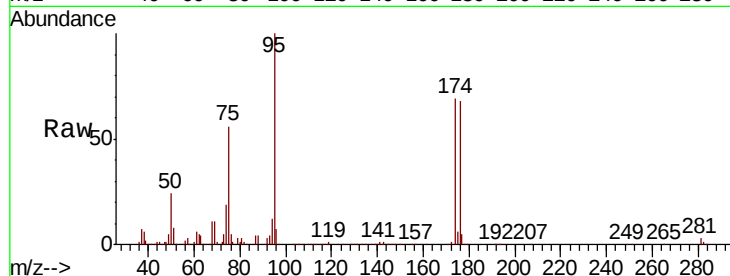




#76
 1,2,3-Trichloropropane
 Concen: 58.734 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011092.D
 Acq: 01 Jul 2019 18:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-217-368

Tot Ion: 75 Resp: 71511
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.820 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011092.D
 Acq: 01 Jul 2019 18:28

Tgt Ion: 75 Resp: 71511
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 34.4 51.6#

