

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007378.D
 Acq On : 11 Dec 2018 03:07
 Operator : SY/AP
 Sample : VW1210SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBL01

Quant Time: Dec 11 03:31:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	140615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43965	48.03	ug/l	0.00
Spiked Amount						
			Recovery	=	96.06%	
35) Dibromofluoromethane	7.88	113	41559	48.82	ug/l	0.00
Spiked Amount						
			Recovery	=	97.64%	
50) Toluene-d8	10.32	98	152916	47.91	ug/l	0.00
Spiked Amount						
			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.62	95	56554	48.20	ug/l	0.00
Spiked Amount						
			Recovery	=	96.40%	

Target Compounds

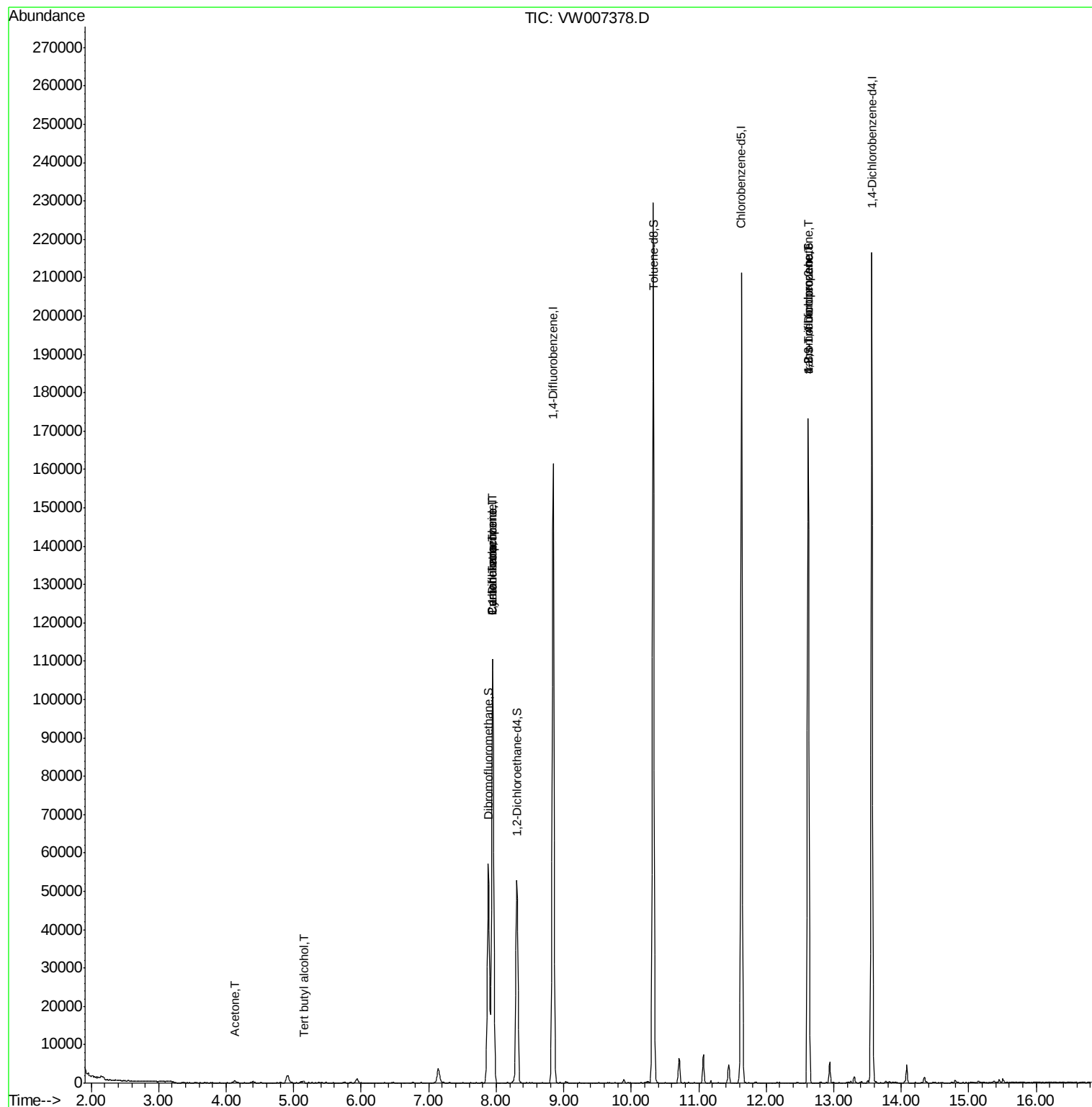
					Qvalue	
11) Tert butyl alcohol	5.15	59	169	2.688	ug/l #	74
16) Acetone	4.14	43	1308	8.181	ug/l	96
20) Methylene Chloride	4.90	84	1720	Below Cal		93
31) Cyclohexane	7.95	56	1470	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6261	4.881	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8578	6.146	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	28309	59.955	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	28309	132.440	ug/l #	7

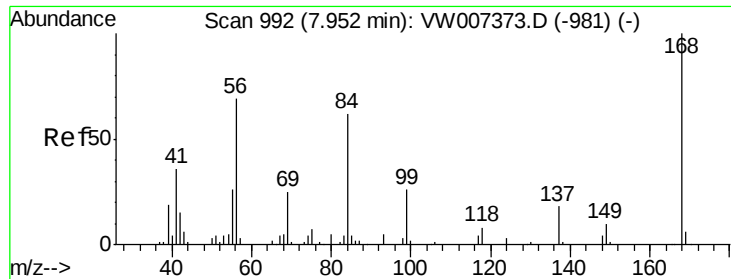
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
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Sample : VW1210SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

Quant Time: Dec 11 03:31:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

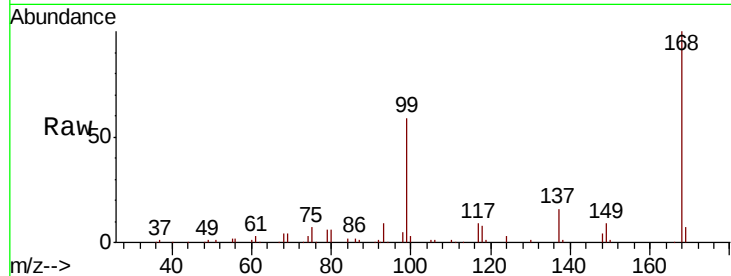
VW1211SBL01

Tgt Ion: 168 Resp: 82509

Ion Ratio Lower Upper

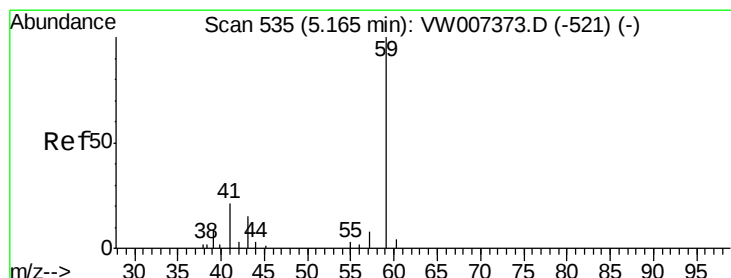
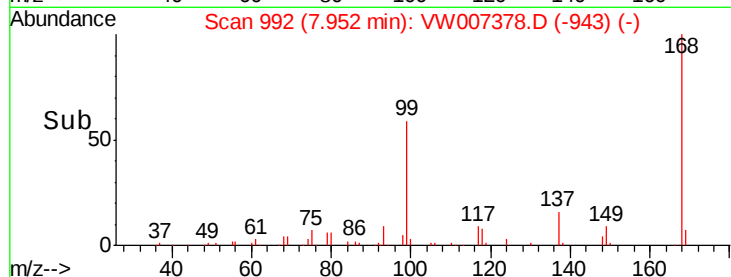
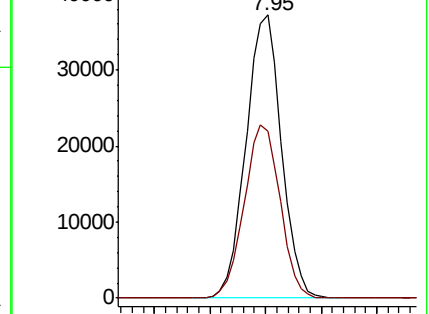
168 100

99 59.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.688 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007378.D

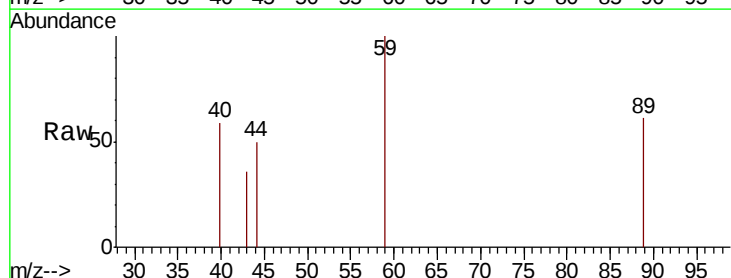
Acq: 11 Dec 2018 03:07

Tgt Ion: 59 Resp: 169

Ion Ratio Lower Upper

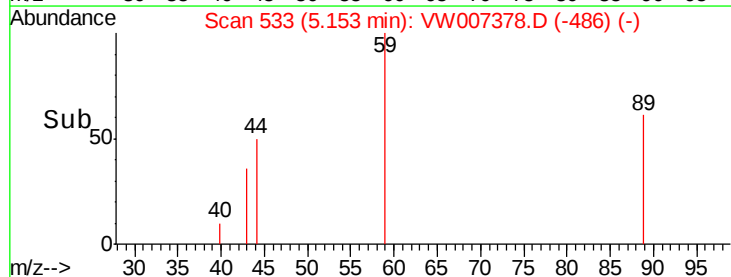
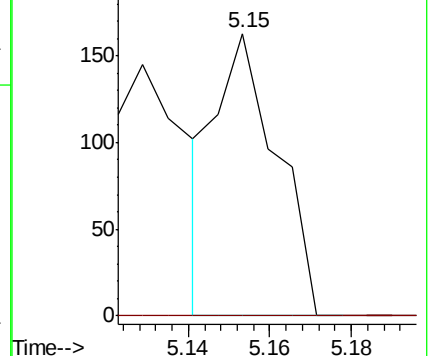
59 100

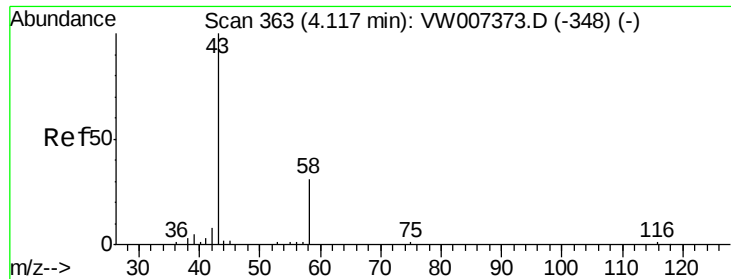
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 8.181 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

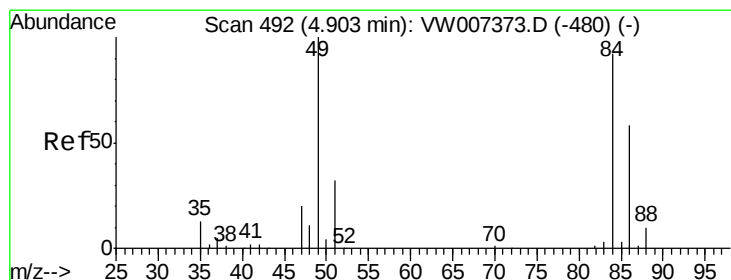
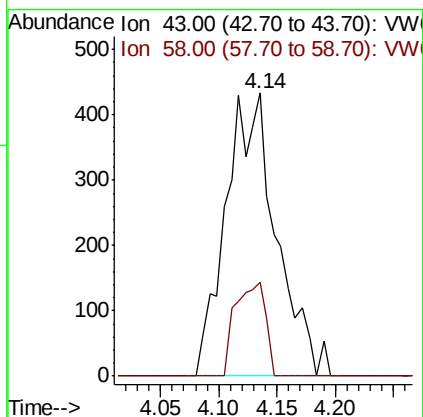
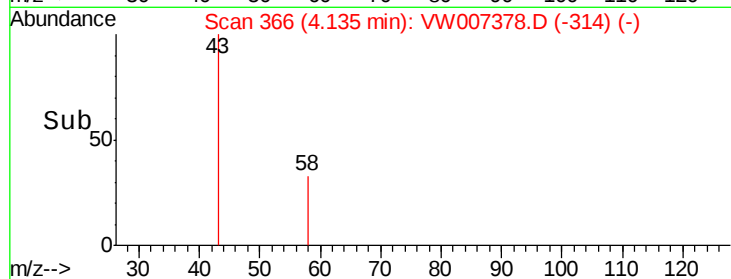
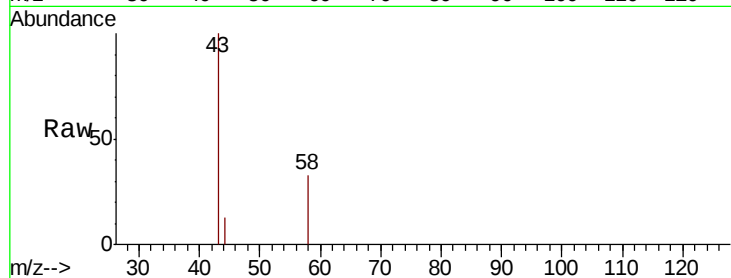
VW1211SBL01

Tgt Ion: 43 Resp: 1308

Ion Ratio Lower Upper

43 100

58 33.3 24.9 37.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Tgt Ion: 84 Resp: 1720

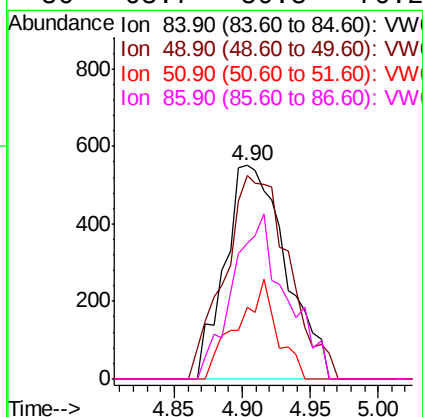
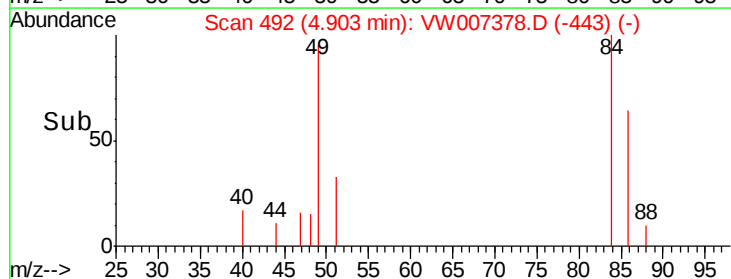
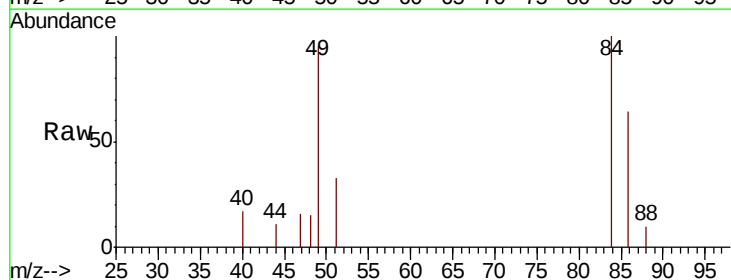
Ion Ratio Lower Upper

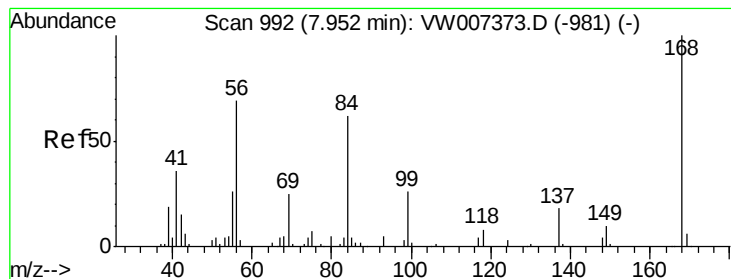
84 100

49 95.5 87.1 130.7

51 33.4 28.2 42.2

86 63.7 50.8 76.2





#31

Cyclohexane

Concen: 1.034 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBL01

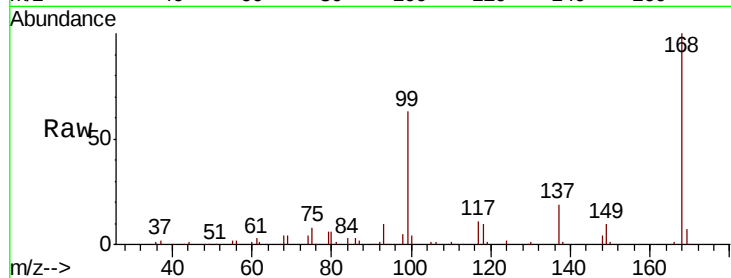
Tgt Ion: 56 Resp: 1470

Ion Ratio Lower Upper

56 100

69 206.7 28.9 43.3#

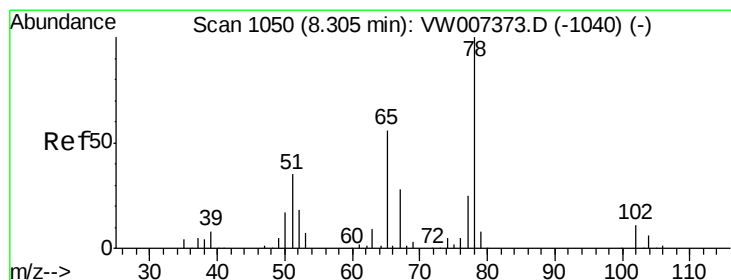
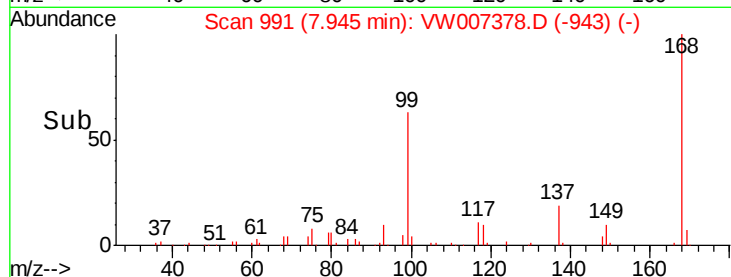
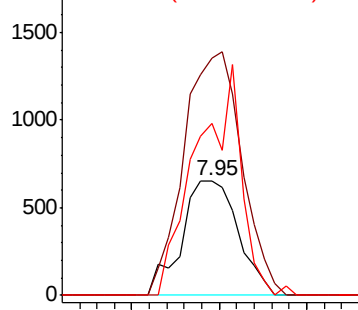
84 150.1 71.8 107.6#



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: 48.030 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007378.D

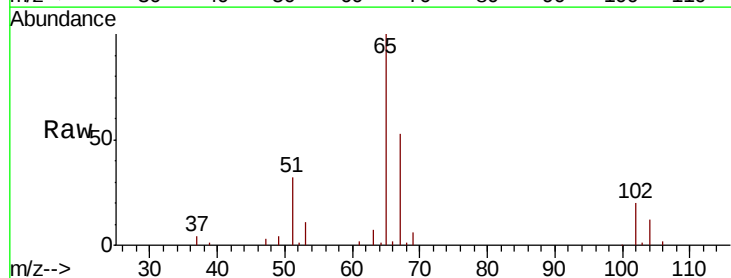
Acq: 11 Dec 2018 03:07

Tgt Ion: 65 Resp: 43965

Ion Ratio Lower Upper

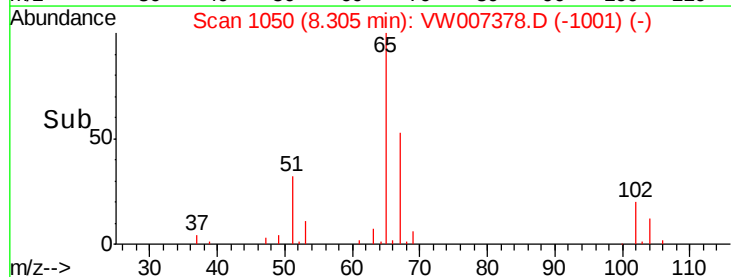
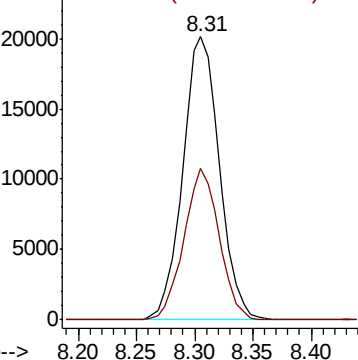
65 100

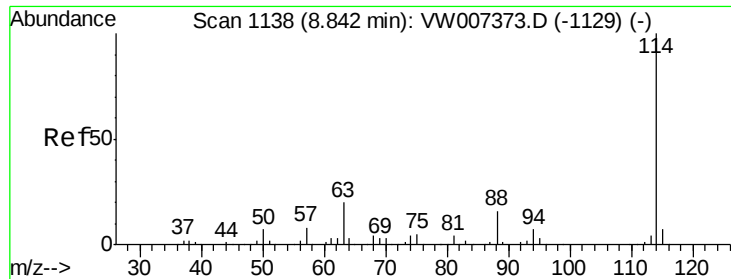
67 51.6 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

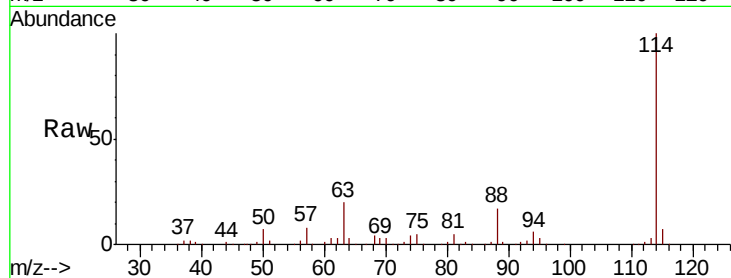




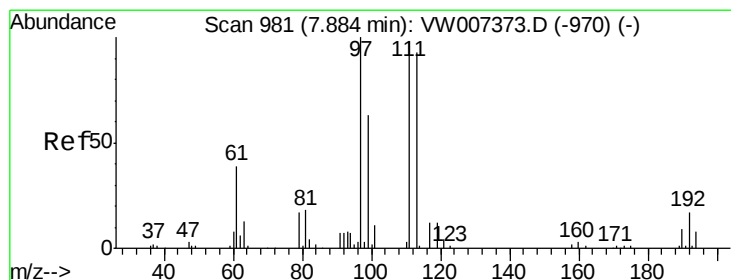
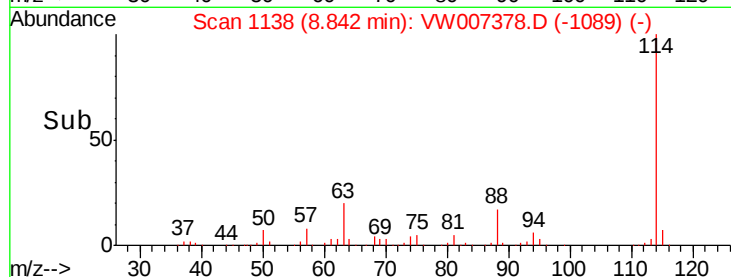
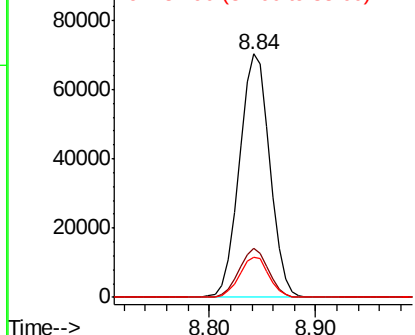
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007378.D
 Acq: 11 Dec 2018 03:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBL01

Tgt Ion:114 Resp: 140615
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 16.6 0.0 31.4

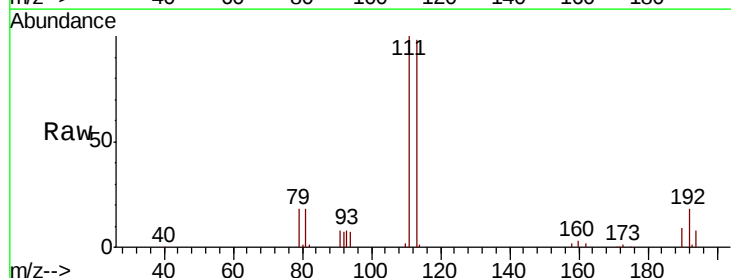


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

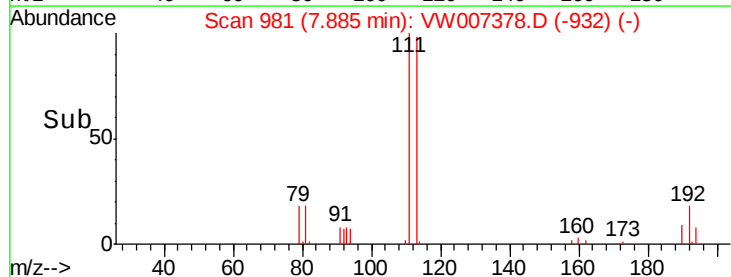
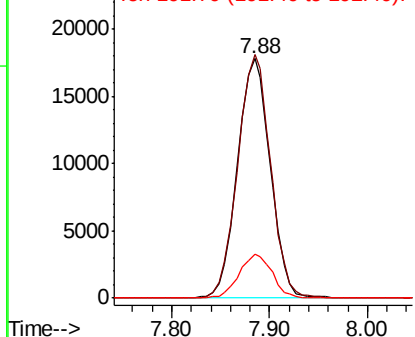


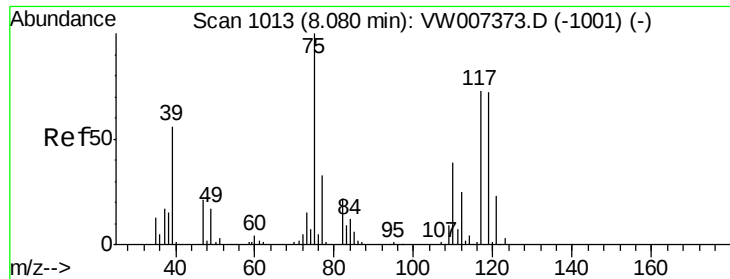
#35
 Dibromofluoromethane
 Concen: 48.824 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007378.D
 Acq: 11 Dec 2018 03:07

Tgt Ion:113 Resp: 41559
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.1 121.7
 192 18.2 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

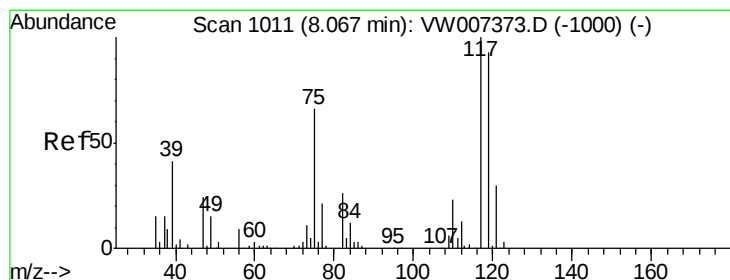
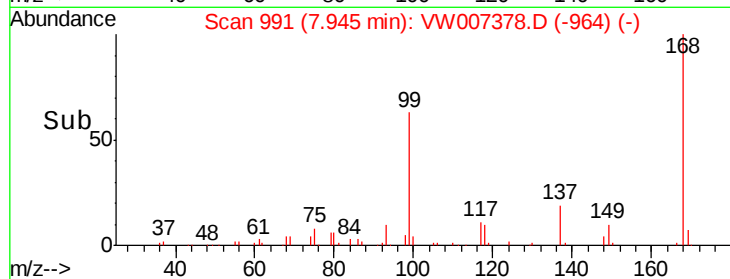
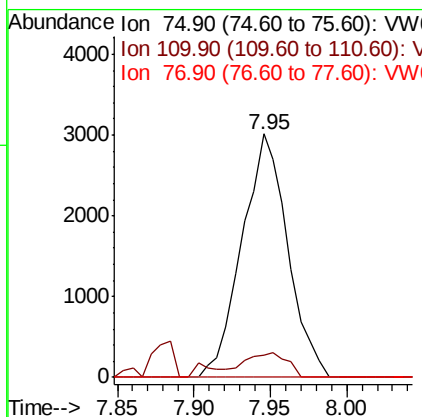
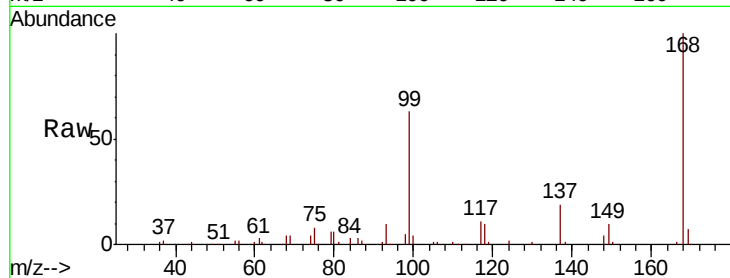




#36
 1,1-Dichloropropene
 Concen: 4.881 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007378.D
 Acq: 11 Dec 2018 03:07

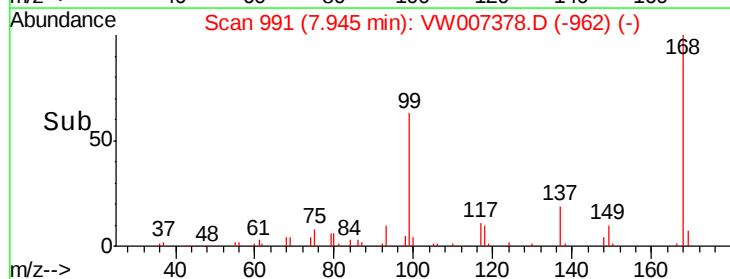
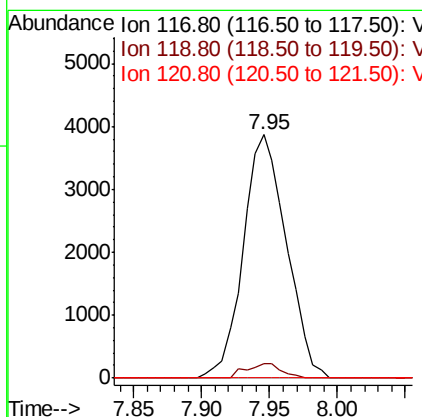
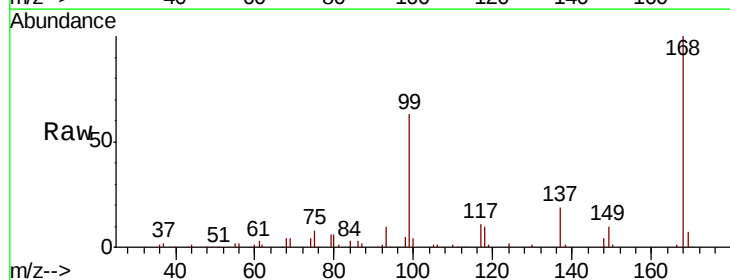
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBL01

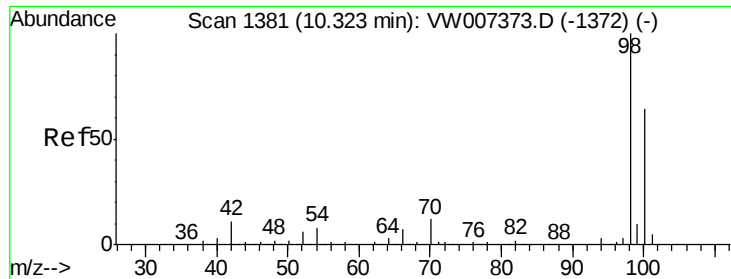
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.146 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007378.D
 Acq: 11 Dec 2018 03:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 47.913 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

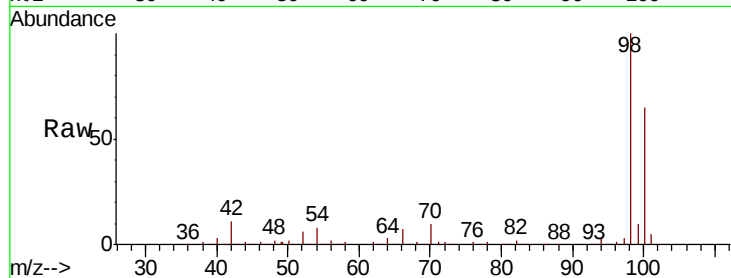
VW1211SBL01

Tgt Ion: 98 Resp: 152916

Ion Ratio Lower Upper

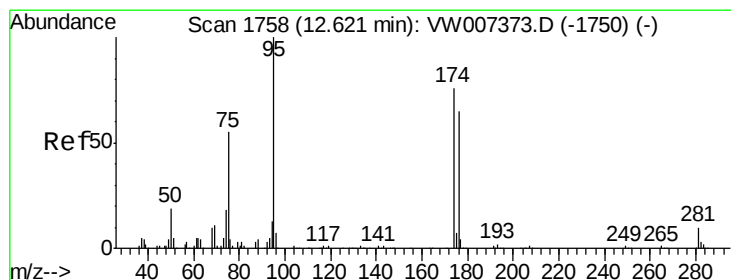
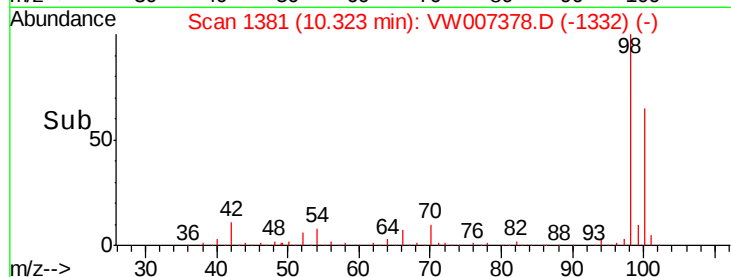
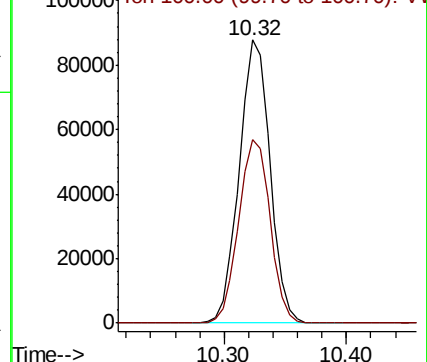
98 100

100 66.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.195 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

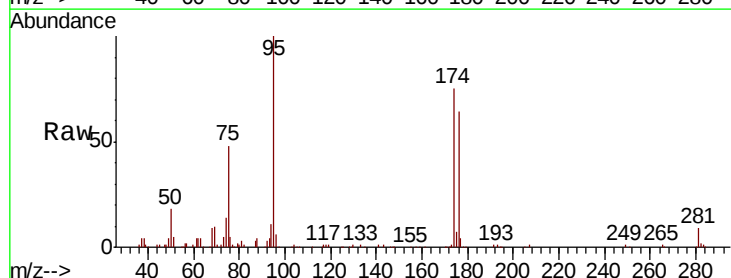
Tgt Ion: 95 Resp: 56554

Ion Ratio Lower Upper

95 100

174 76.8 0.0 147.2

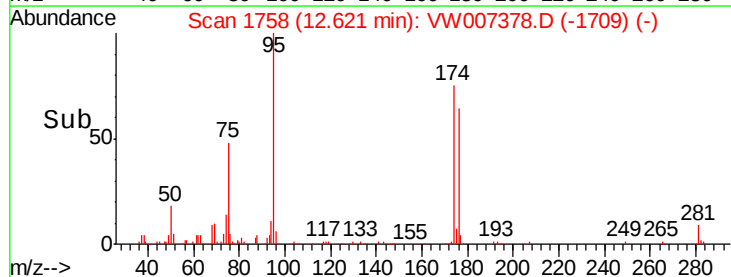
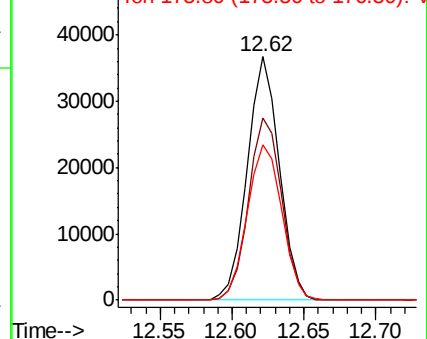
176 68.8 0.0 138.8

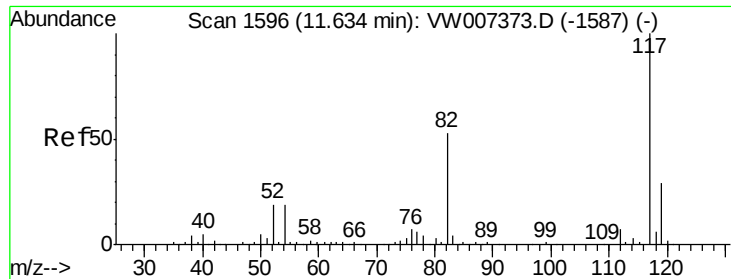


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

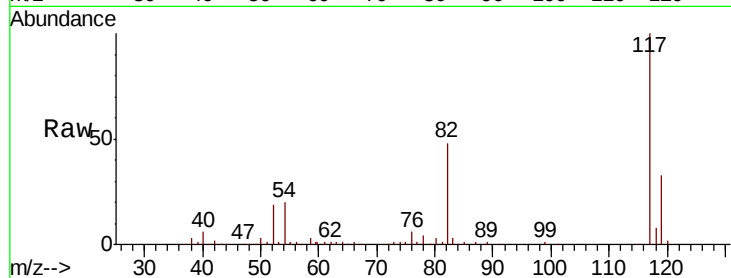




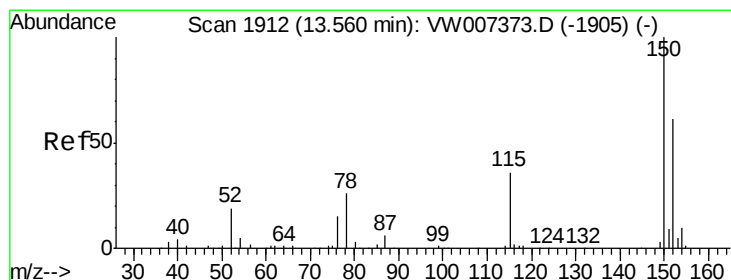
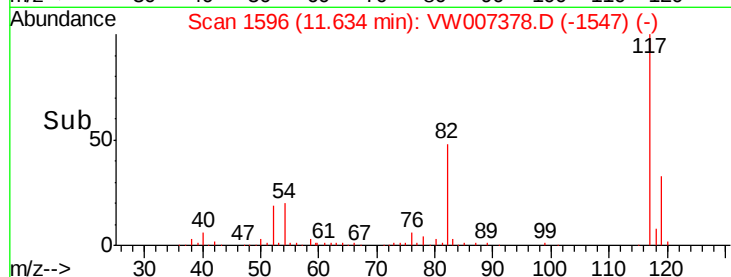
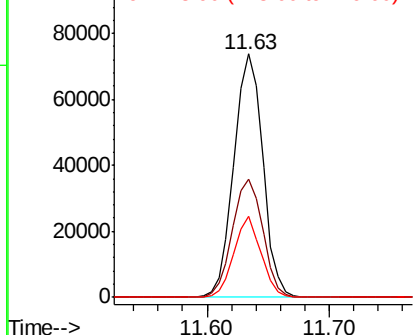
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007378.D
Acq: 11 Dec 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBL01

Tgt Ion:117 Resp: 120577
Ion Ratio Lower Upper
117 100
82 48.4 42.3 63.5
119 33.2 23.0 34.6

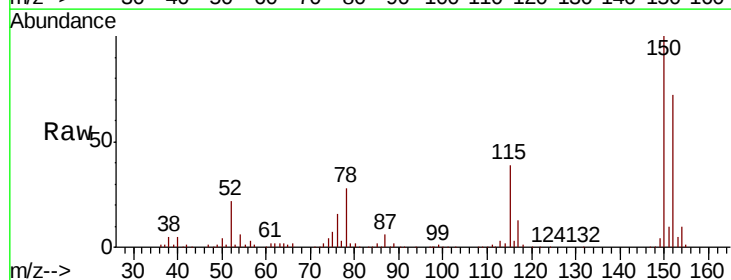


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

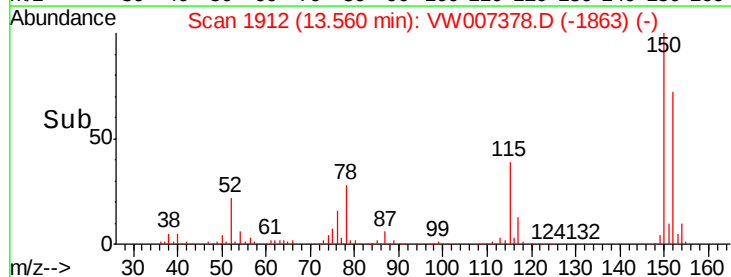
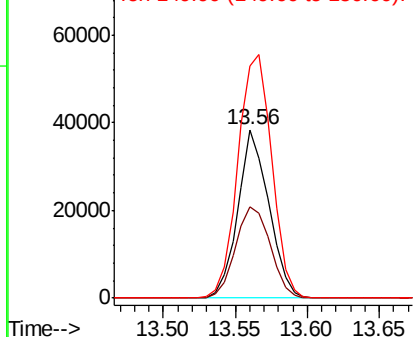


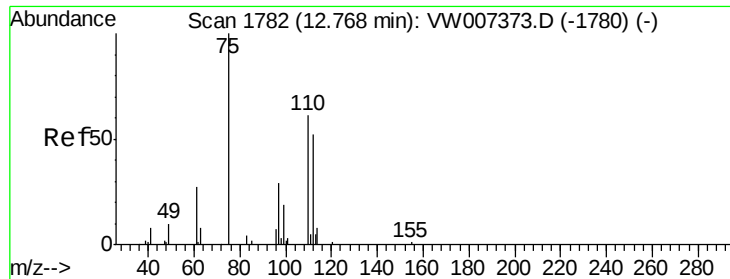
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007378.D
Acq: 11 Dec 2018 03:07

Tgt Ion:152 Resp: 57266
Ion Ratio Lower Upper
152 100
115 61.1 31.4 94.2
150 158.0 0.0 358.4



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: 59.955 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Instrument :

MSVOA_W

ClientSampleId :

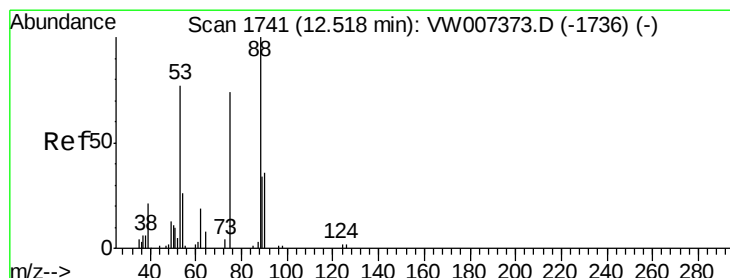
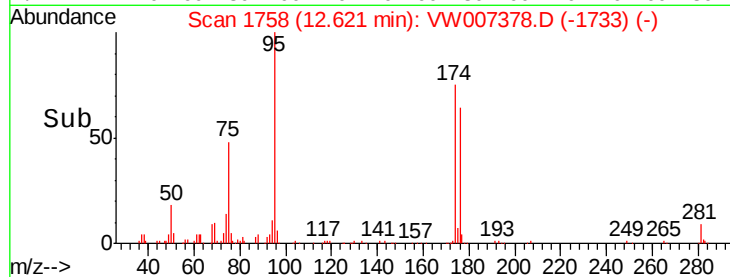
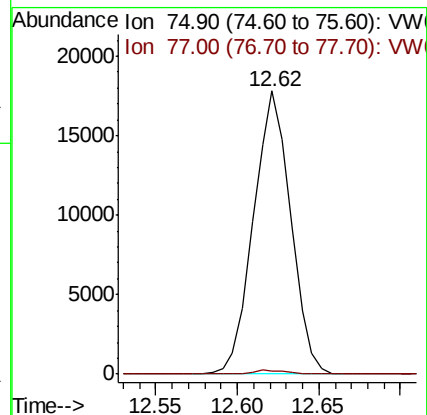
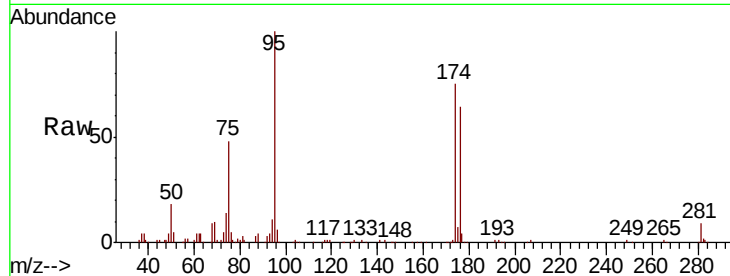
VW1211SBL01

Tgt Ion: 75 Resp: 28309

Ion Ratio Lower Upper

75 100

77 1.1 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.440 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007378.D

Acq: 11 Dec 2018 03:07

Tgt Ion: 75 Resp: 28309

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

