

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007649.D
 Acq On : 18 Dec 2018 11:02
 Operator : SY/AP
 Sample : VW1220SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 03:14:32 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

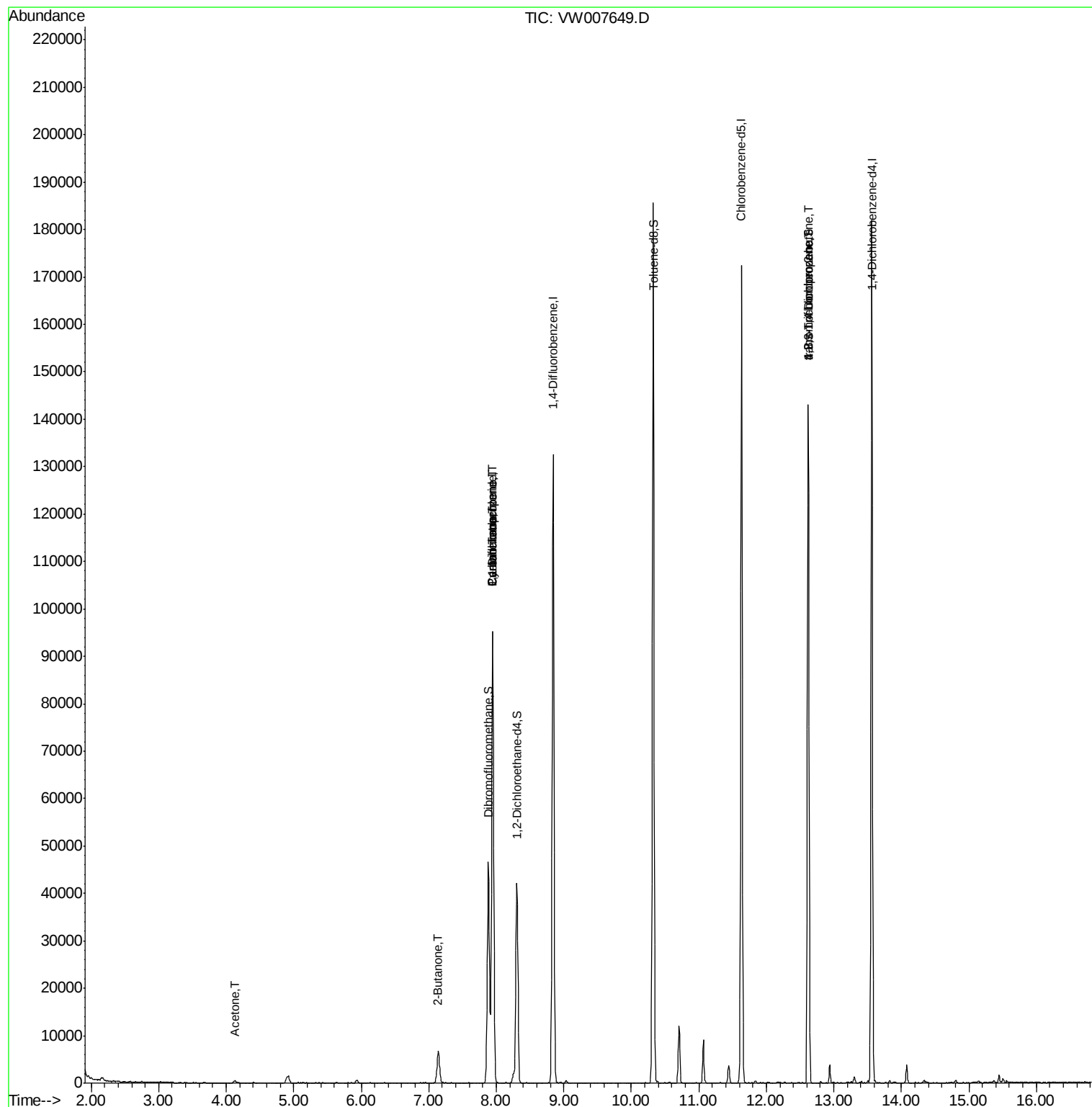
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47974	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35317	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	7.88	113	33577	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.32	98	125822	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.62	95	45503	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1054	7.929	ug/l #	83
20) Methylene Chloride	4.92	84	1275	Below Cal	#	90
25) 2-Butanone	7.13	43	281	1.619	ug/l #	45
31) Cyclohexane	7.94	56	1568	1.326	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	5364	5.314	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7597	6.917	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	24160	61.078	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	24160	134.922	ug/l #	7

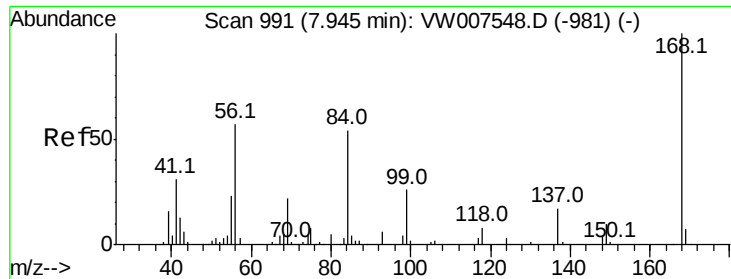
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
Data File : VW007649.D
Acq On : 18 Dec 2018 11:02
Operator : SY/AP
Sample : VW1220SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 19 03:14:32 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# 991

Delta R.T. -0.01 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

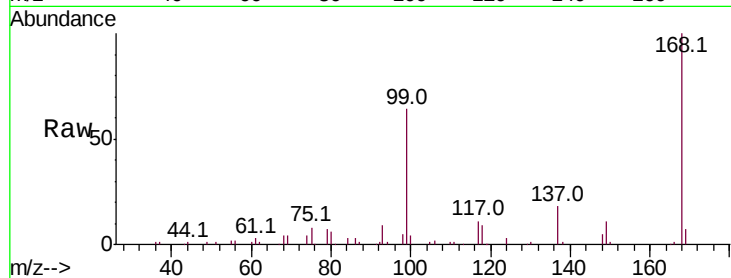
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 68600

Ion Ratio Lower Upper

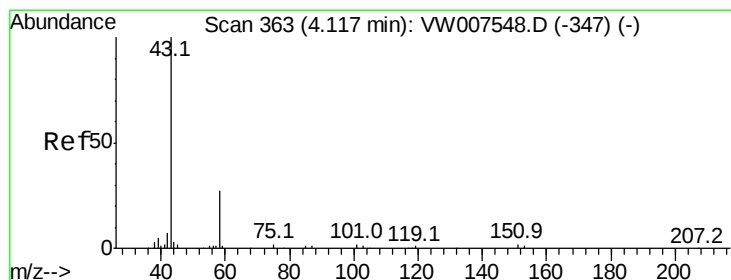
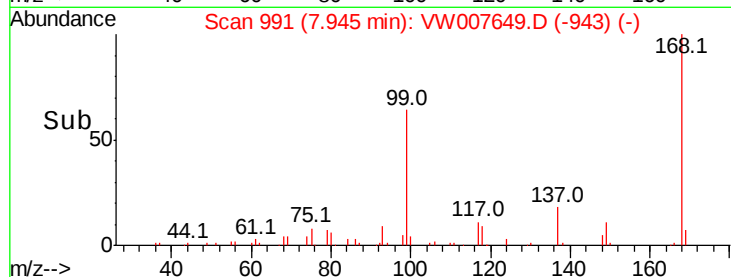
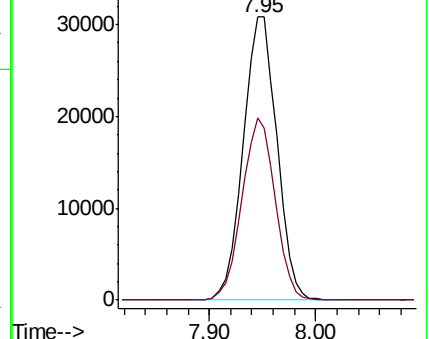
168 100

99 64.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.929 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007649.D

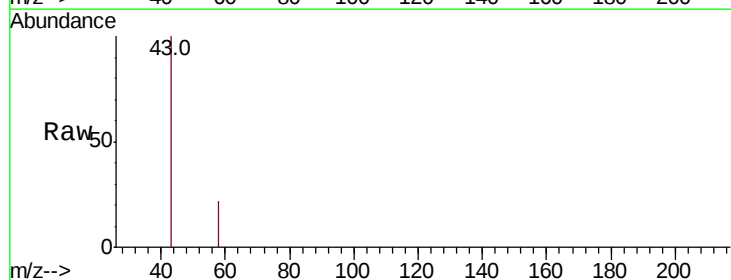
Acq: 18 Dec 2018 11:02

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

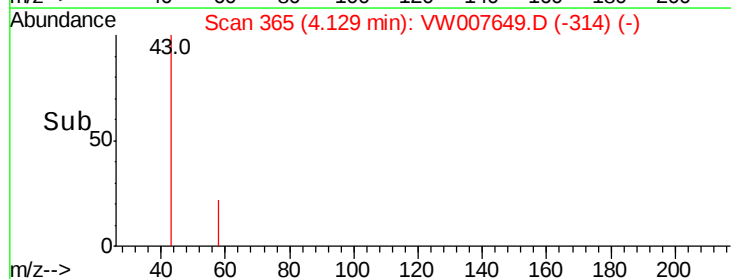
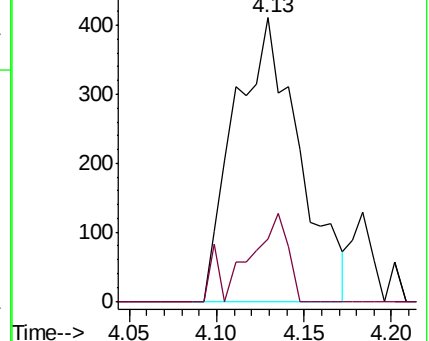
43 100

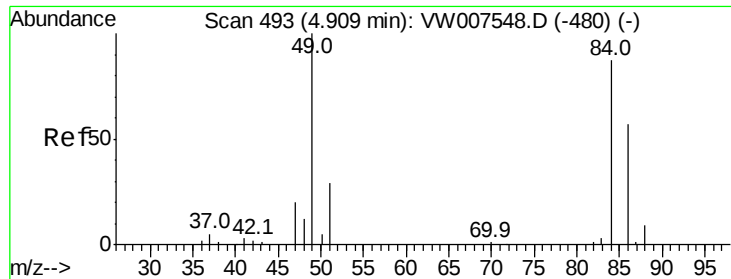
58 21.9 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

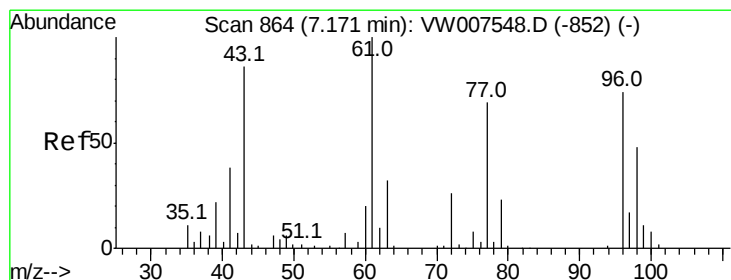
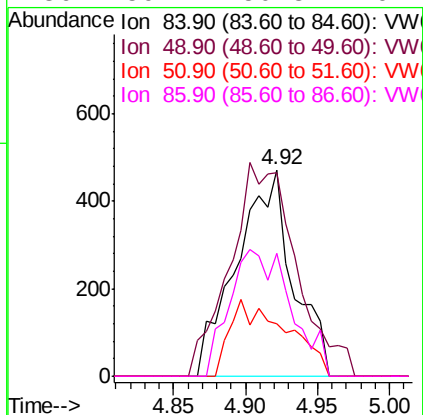
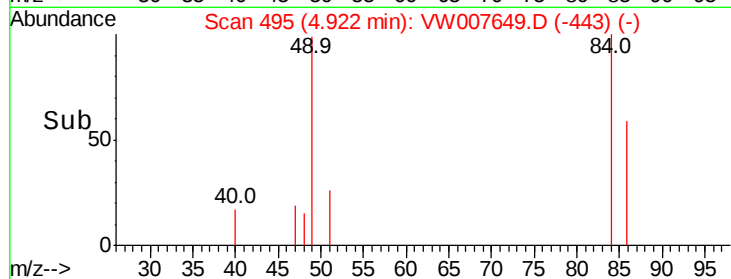
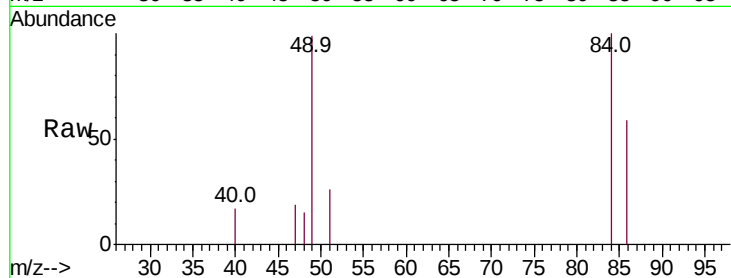




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.02 min
Lab File: VW007649.D
Acq: 18 Dec 2018 11:02

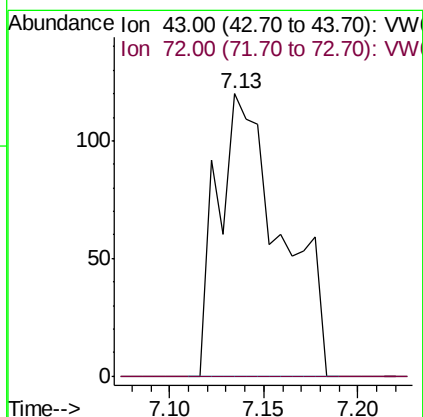
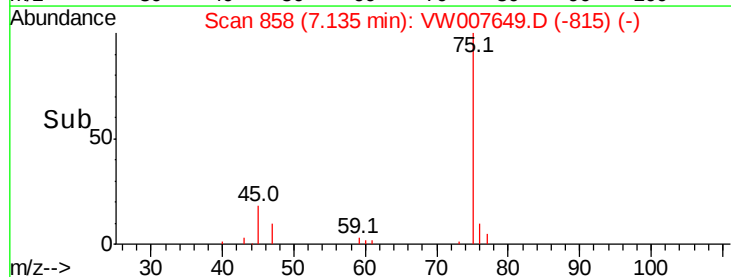
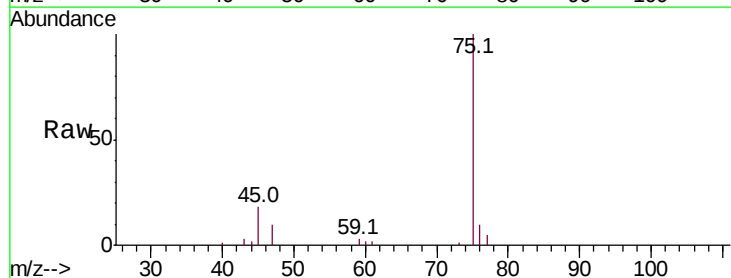
Instrument :
MSVOA_W
ClientSampleId :

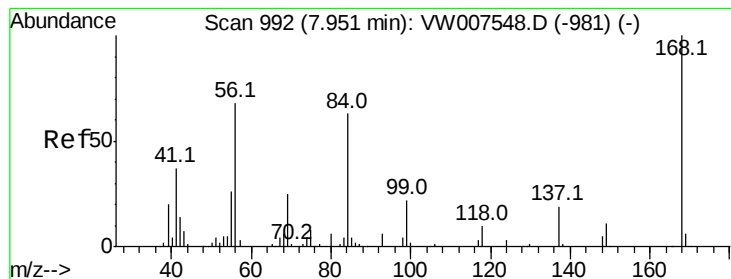
Tot Ion: 84 Resp: 1275
Ion Ratio Lower Upper
84 100
49 98.5 87.1 130.7
51 25.7 28.2 42.2#
86 59.4 50.8 76.2



#25
2-Butanone
Concen: 1.619 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW007649.D
Acq: 18 Dec 2018 11:02

Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#





#31

Cyclohexane

Concen: 1.326 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampled :

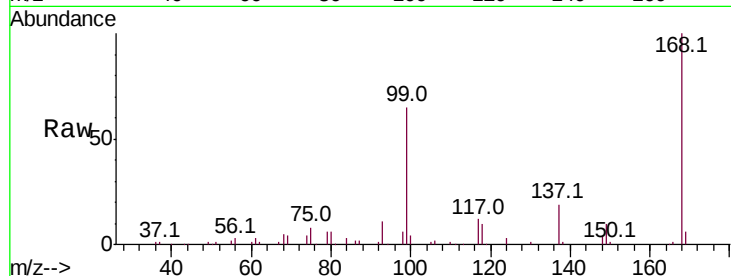
Tot Ion: 56 Resp: 1568

Ion Ratio Lower Upper

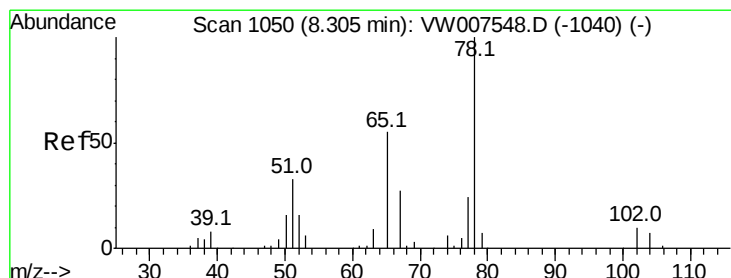
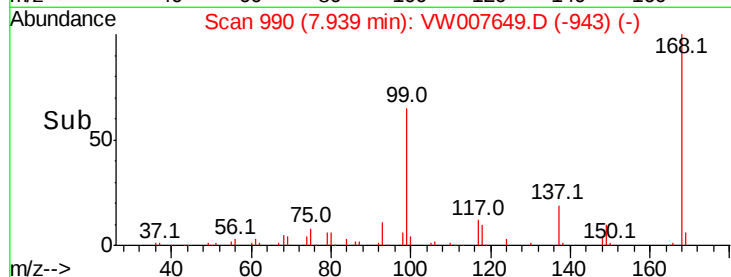
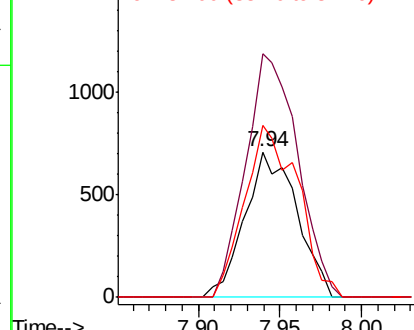
56 100

69 167.5 28.9 43.3#

84 118.2 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: 46.405 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007649.D

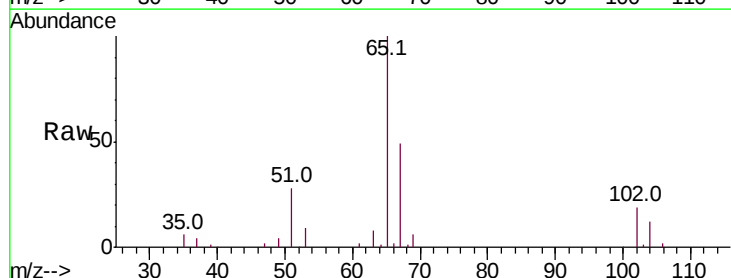
Acq: 18 Dec 2018 11:02

Tgt Ion: 65 Resp: 35317

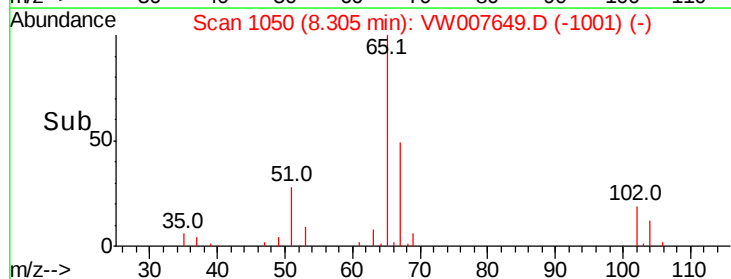
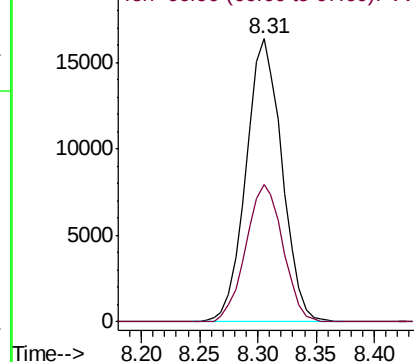
Ion Ratio Lower Upper

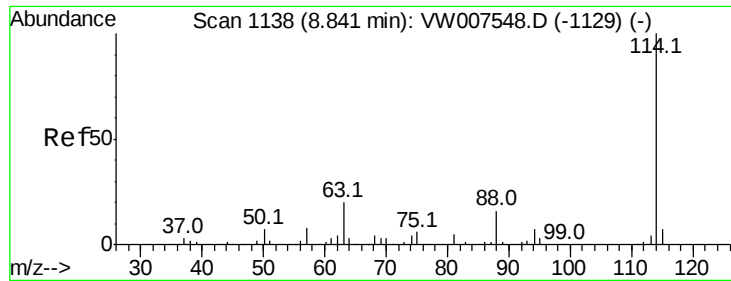
65 100

67 50.0 0.0 101.6



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

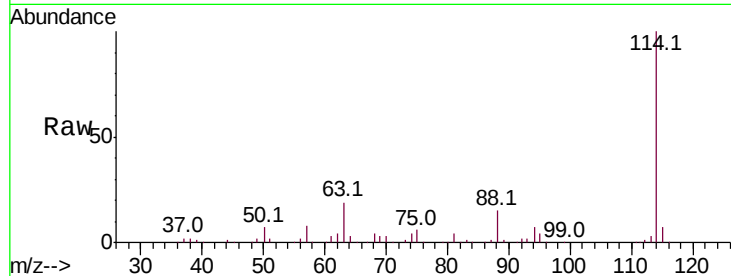




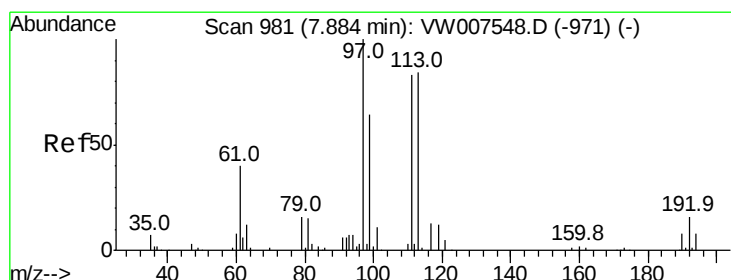
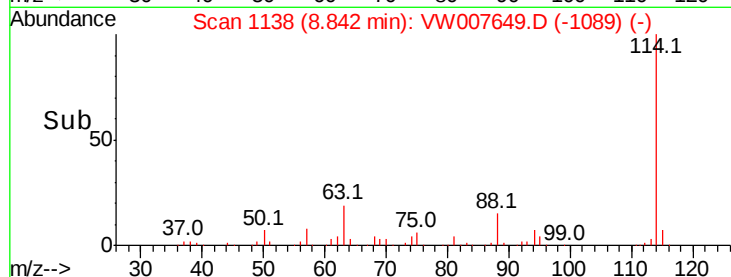
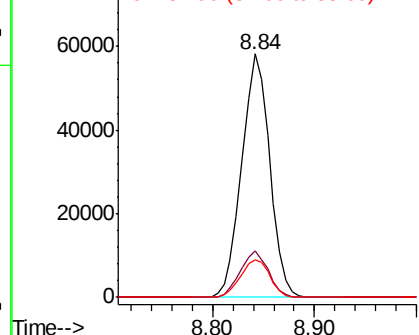
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007649.D
 Acq: 18 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.6
88	15.2	0.0	31.4

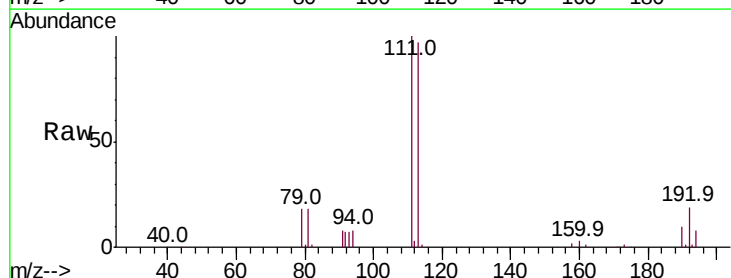


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

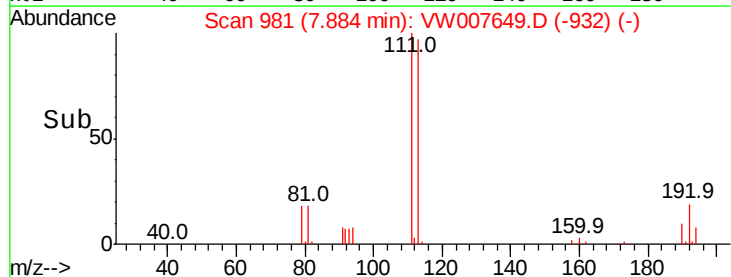
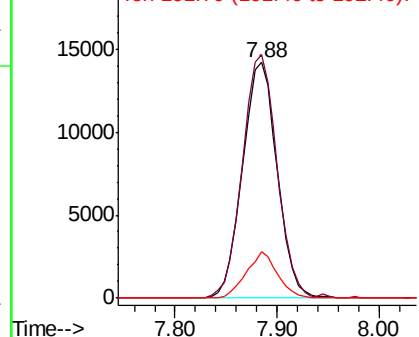


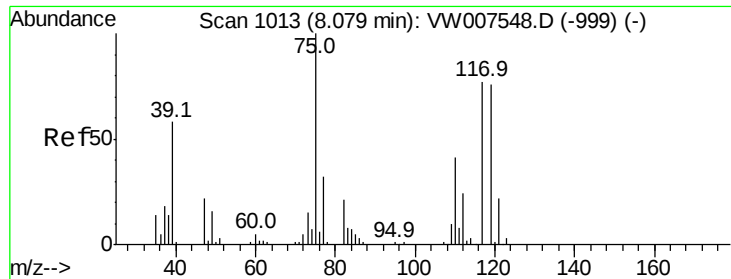
#35
 Dibromofluoromethane
 Concen: 50.131 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007649.D
 Acq: 18 Dec 2018 11:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	17.7	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

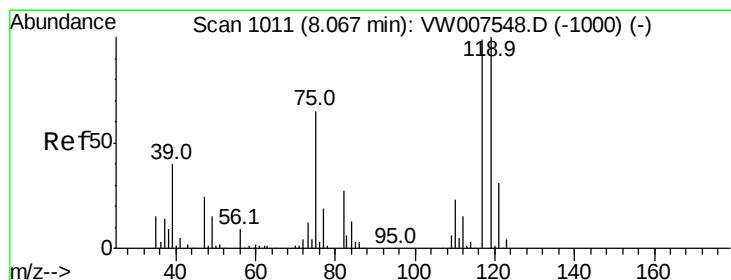
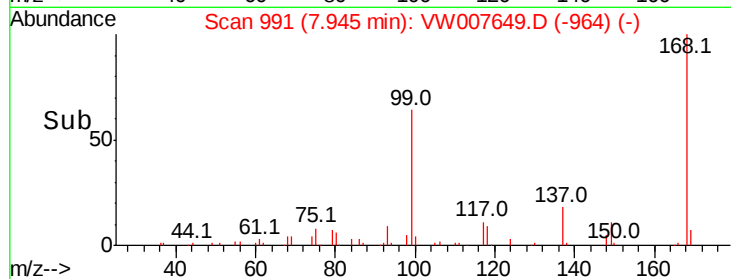
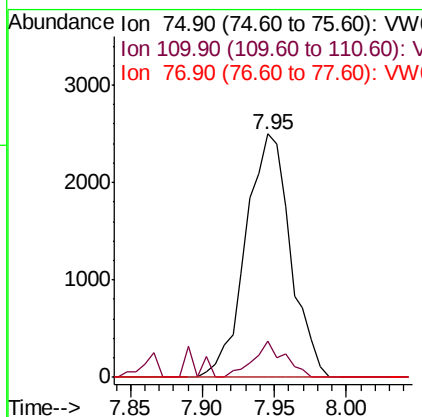
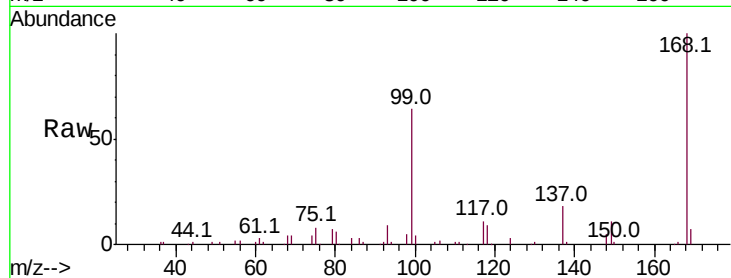




#36
 1,1-Dichloropropene
 Concen: 5.314 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007649.D
 Acq: 18 Dec 2018 11:02

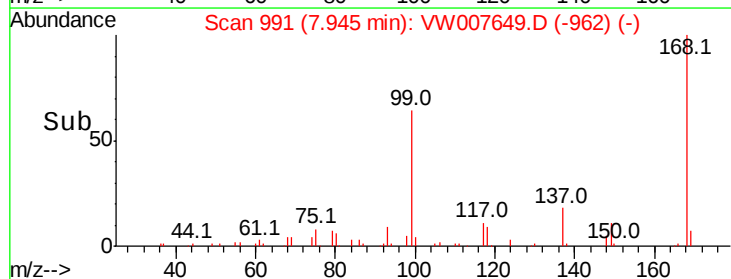
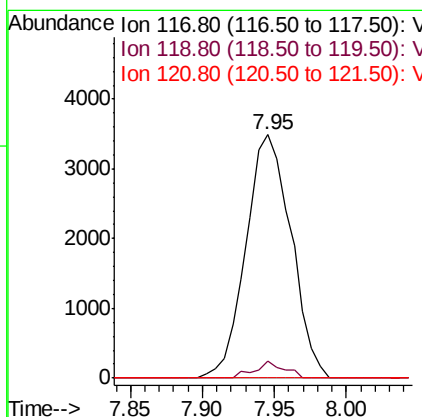
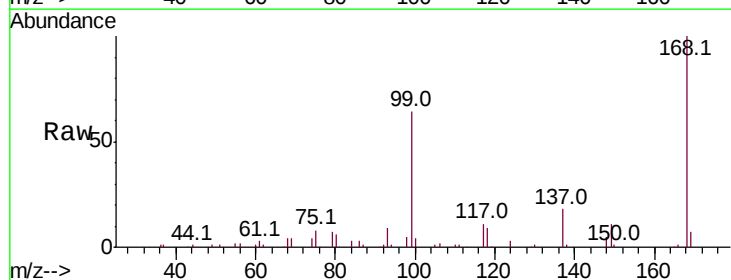
Instrument :
 MSVOA_W
 ClientSampleId :

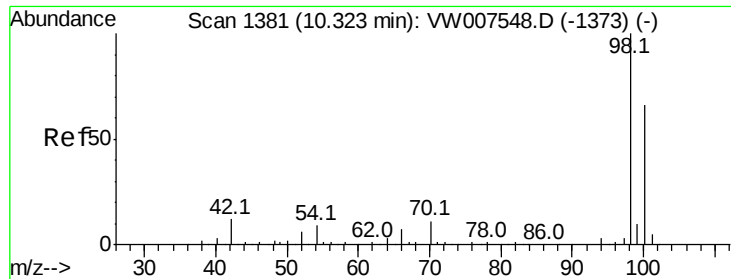
Tot Ion: 75 Resp: 5364
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.917 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007649.D
 Acq: 18 Dec 2018 11:02

Tgt Ion: 117 Resp: 7597
 Ion Ratio Lower Upper
 117 100
 119 6.9 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 50.102 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

Instrument :

MSVOA_W

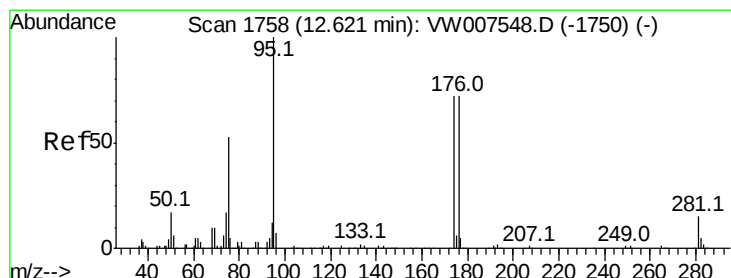
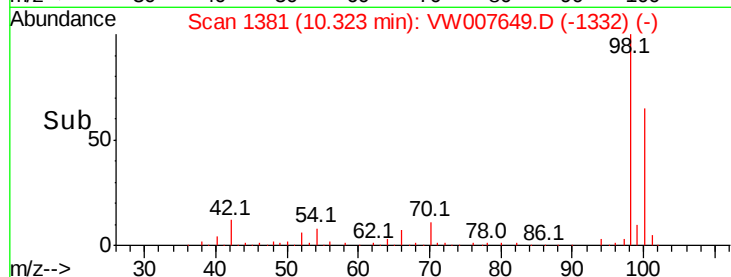
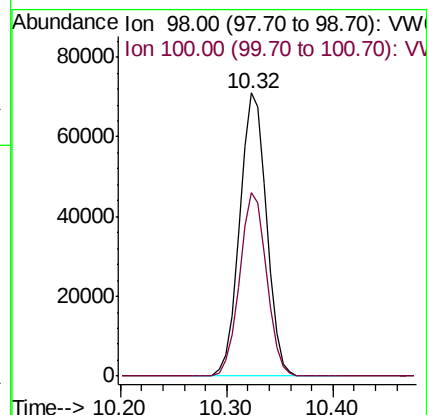
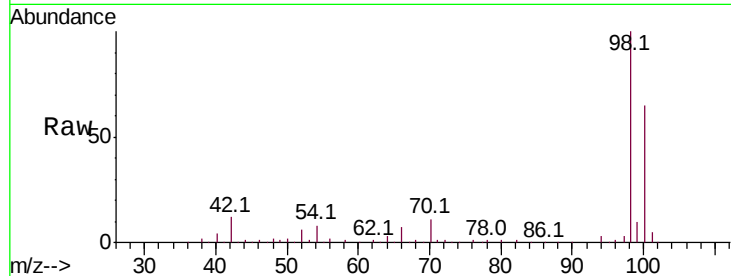
ClientSampleId :

Tot Ion: 98 Resp: 125822

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.281 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

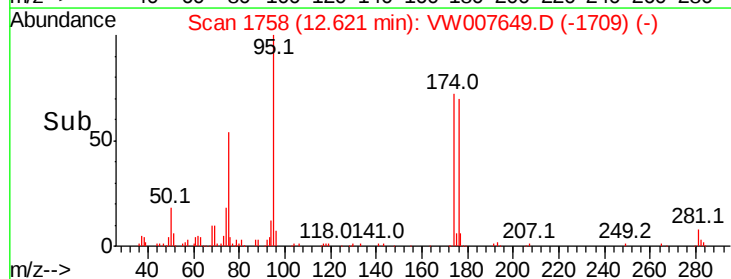
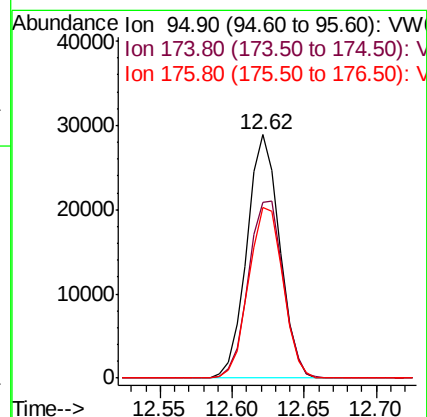
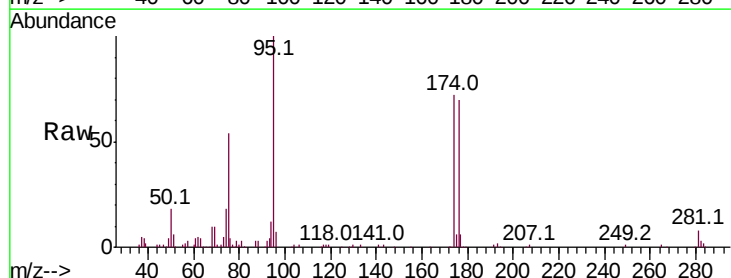
Tgt Ion: 95 Resp: 45503

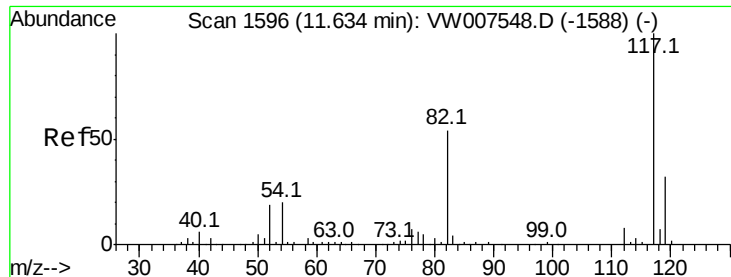
Ion Ratio Lower Upper

95 100

174 77.3 0.0 147.2

176 73.6 0.0 138.8

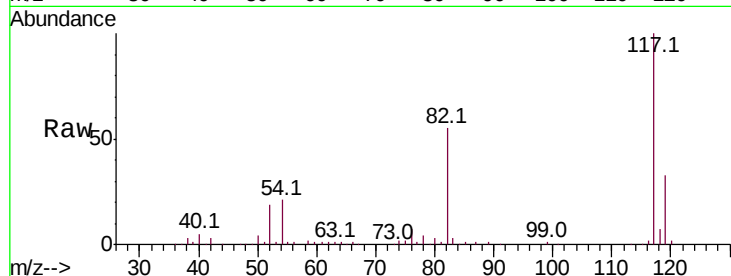




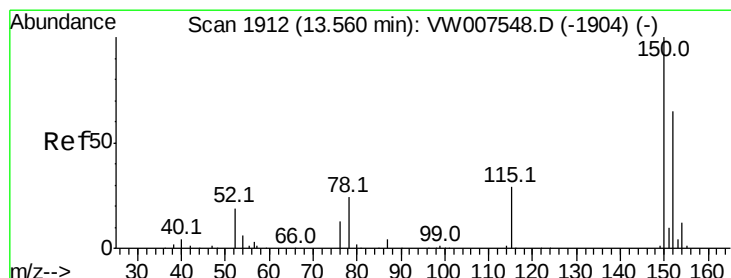
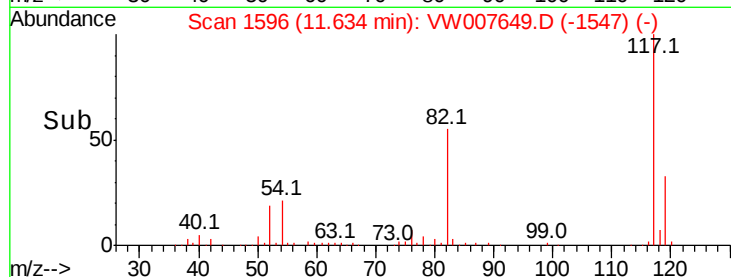
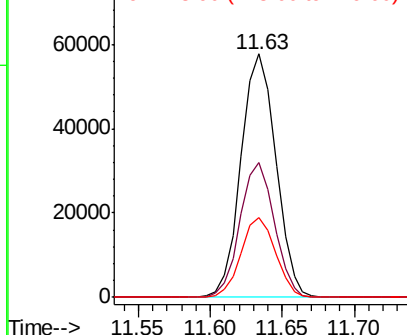
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007649.D
Acq: 18 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 97242
Ion Ratio Lower Upper
117 100
82 55.5 42.3 63.5
119 32.7 23.0 34.6

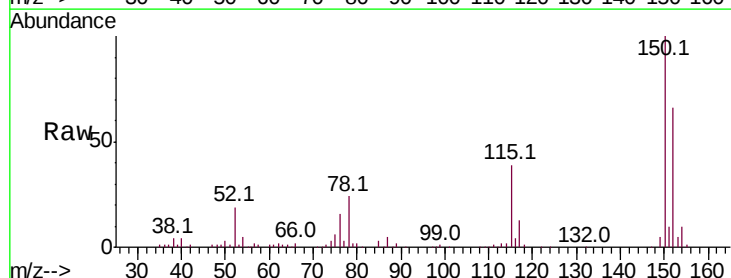


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

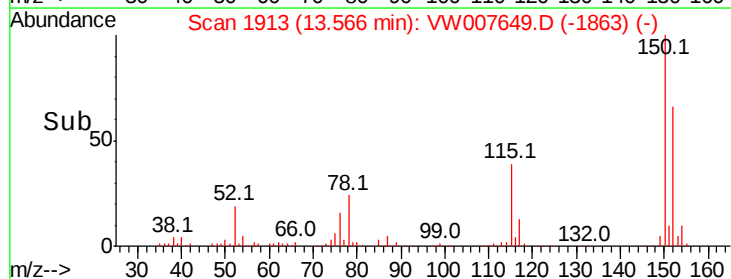
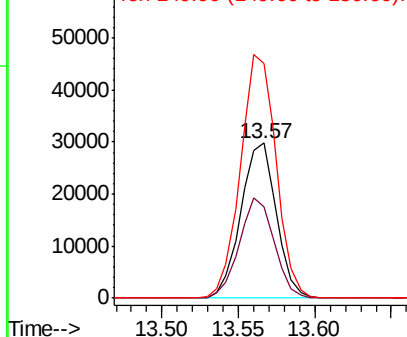


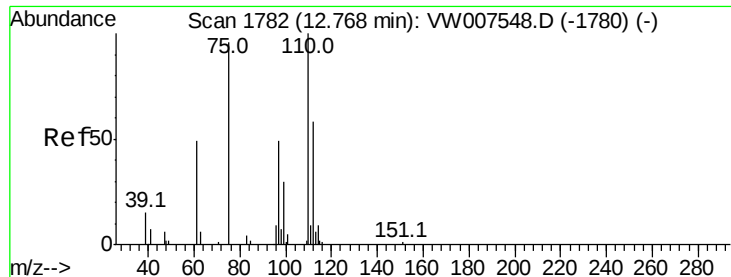
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007649.D
Acq: 18 Dec 2018 11:02

Tgt Ion:152 Resp: 47974
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.2
150 157.6 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: 61.078 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

Instrument :

MSVOA_W

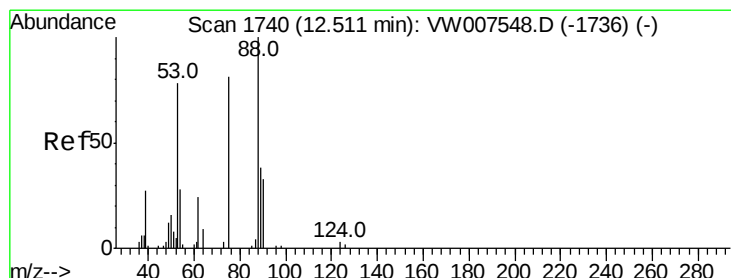
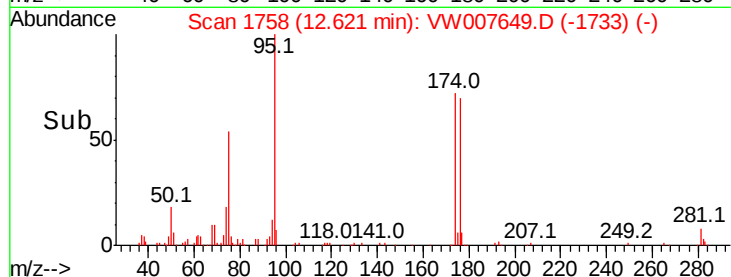
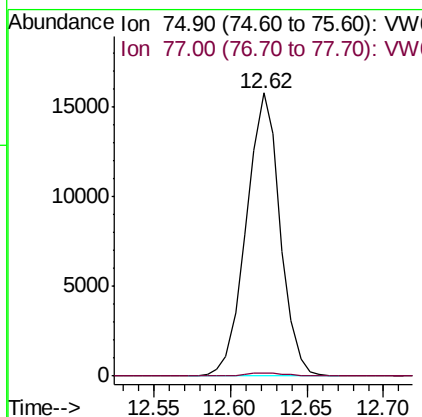
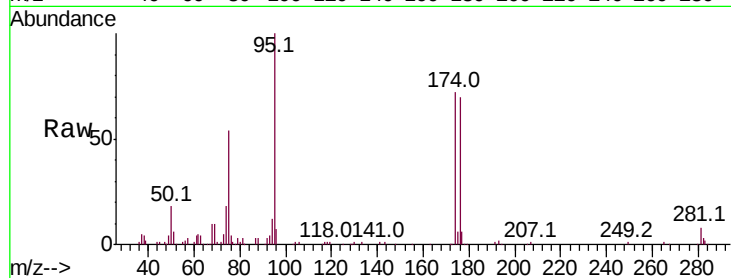
ClientSampleId :

Tot Ion: 75 Resp: 24160

Ion Ratio Lower Upper

75 100

77 1.1 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.922 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007649.D

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Tgt Ion: 75 Resp: 24160

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.1 40.3 60.5#

