

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007456.D
 Acq On : 12 Dec 2018 23:39
 Operator : SY/AP
 Sample : J6275-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-04-120418RE

Quant Time: Dec 13 04:21:35 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

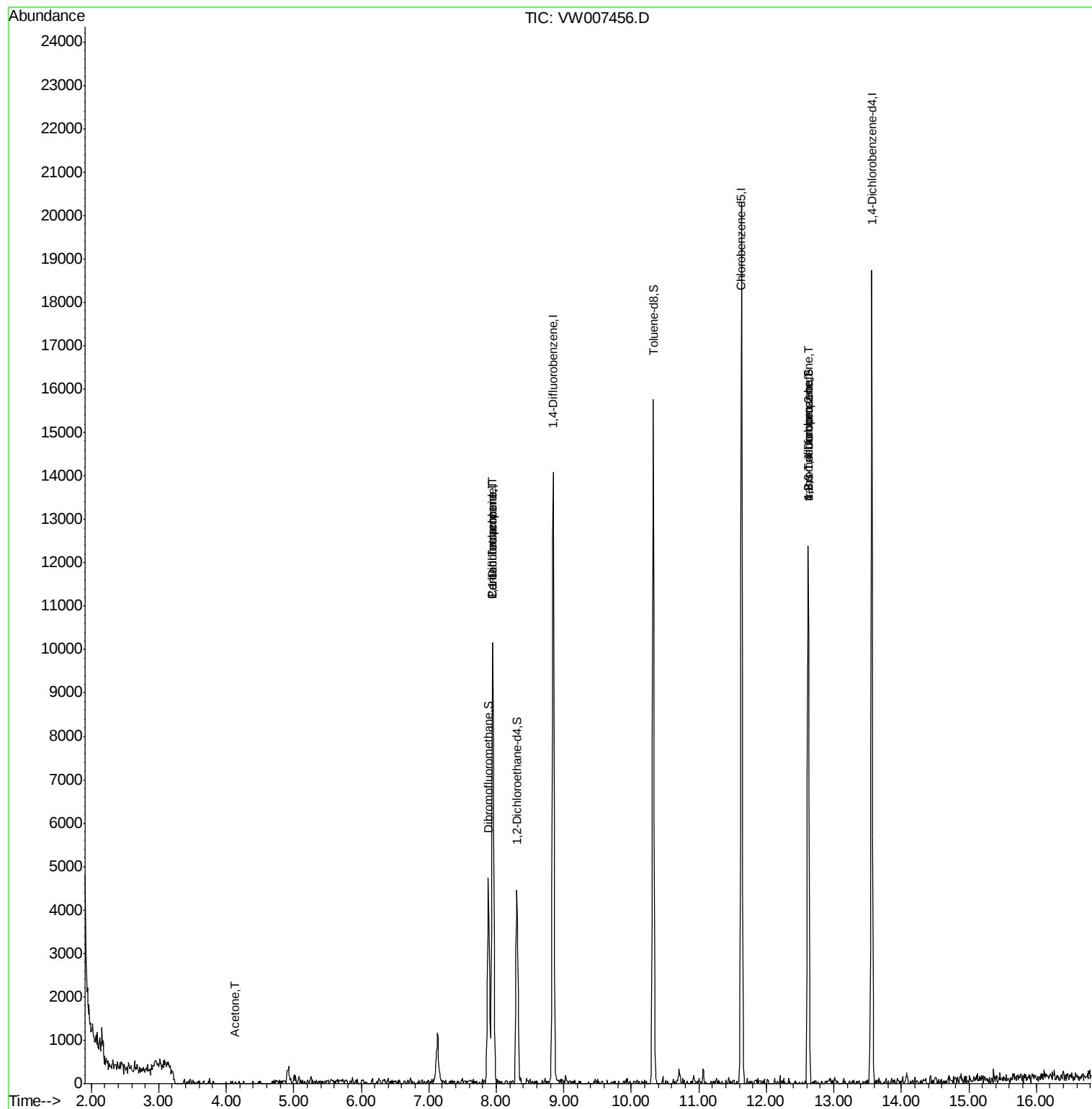
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	7285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	12425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	11208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	3727	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	7.88	113	3544	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	10.32	98	11055	39.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.40%	
62) 4-Bromofluorobenzene	12.62	95	4262	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	39	2.763	ug/l #	44
20) Methylene Chloride	4.90	84	137	Below Cal	#	50
36) 1,1-Dichloropropene	7.95	75	507	4.473	ug/l #	40
38) Carbon Tetrachloride	7.95	117	832	6.746	ug/l #	13
76) 1,2,3-Trichloropropane	12.62	75	2224	51.564	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	2224	113.905	ug/l #	7

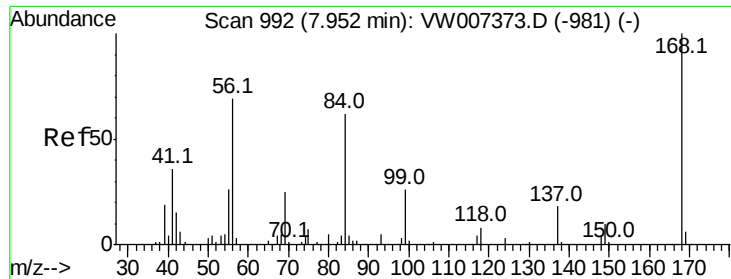
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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BF-04-120418RE

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Quant Title : SW846 8260
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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: VW007456.D

Acq: 12 Dec 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

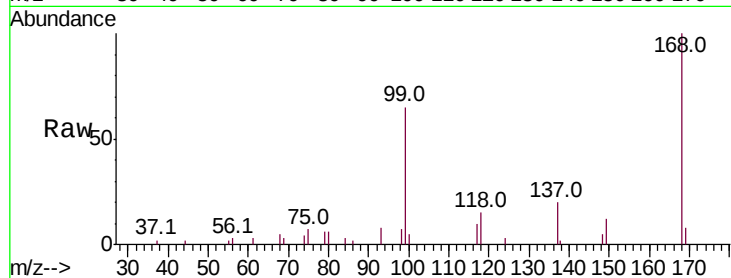
BF-04-120418RE

Tot Ion:168 Resp: 7285

Ion Ratio Lower Upper

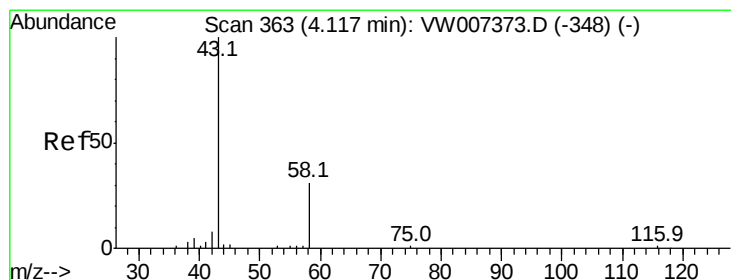
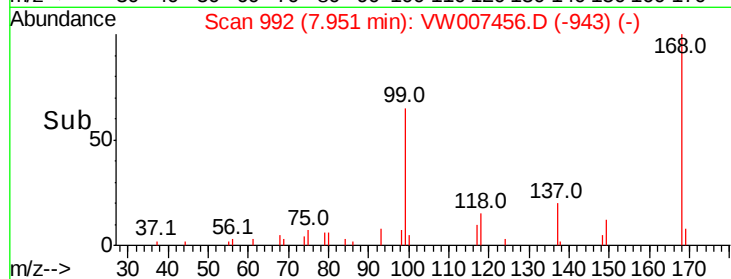
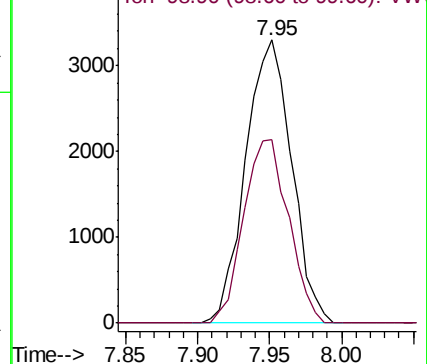
168 100

99 64.8 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: 2.763 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007456.D

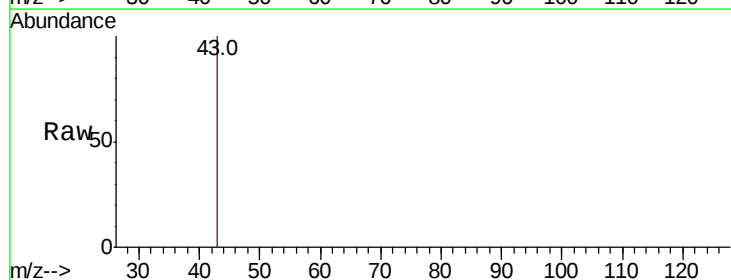
Acq: 12 Dec 2018 23:39

Tgt Ion: 43 Resp: 39

Ion Ratio Lower Upper

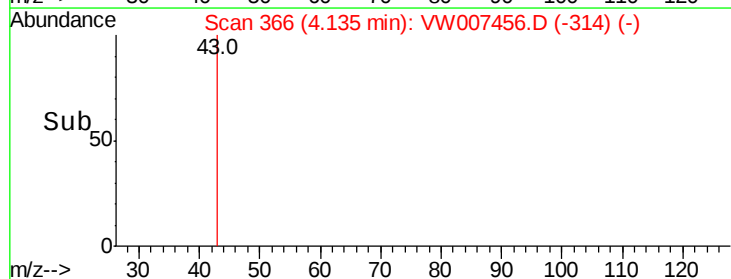
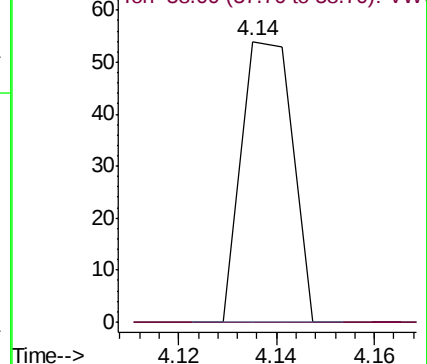
43 100

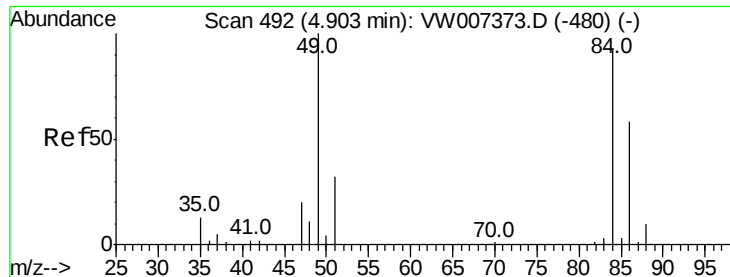
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

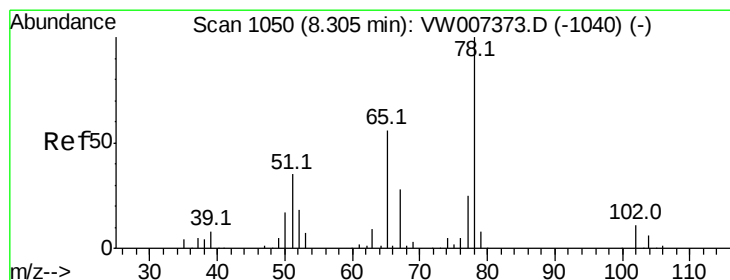
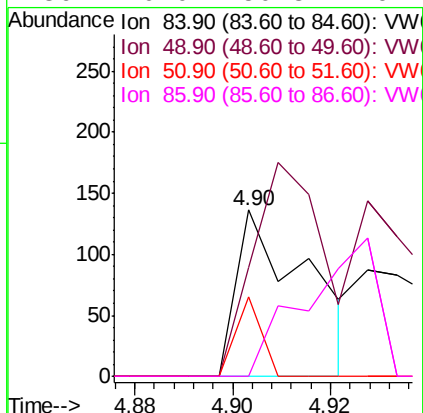
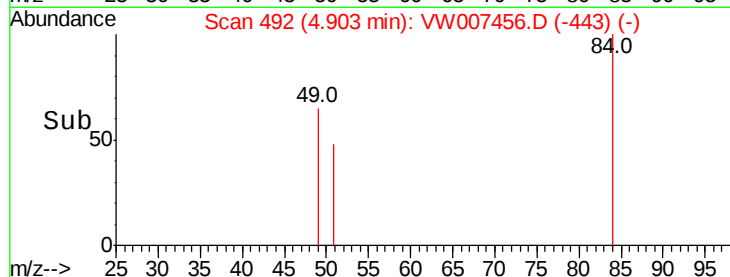
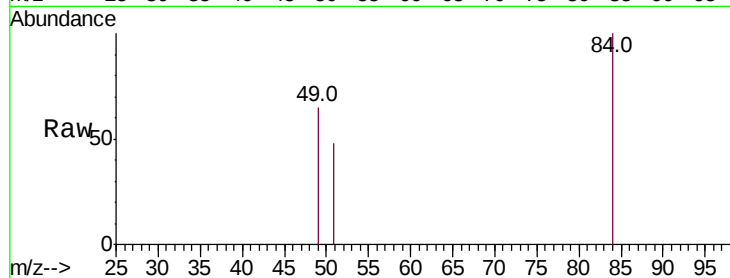




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007456.D
Acq: 12 Dec 2018 23:39

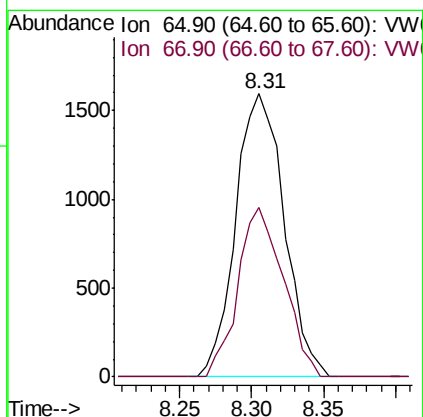
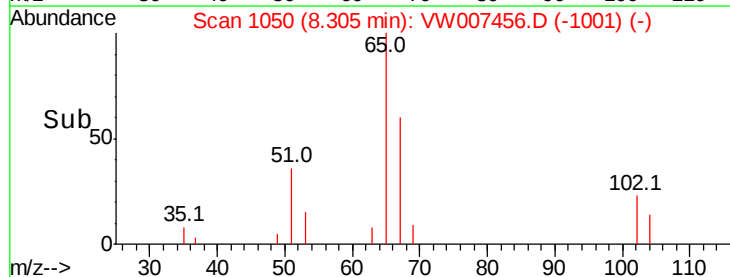
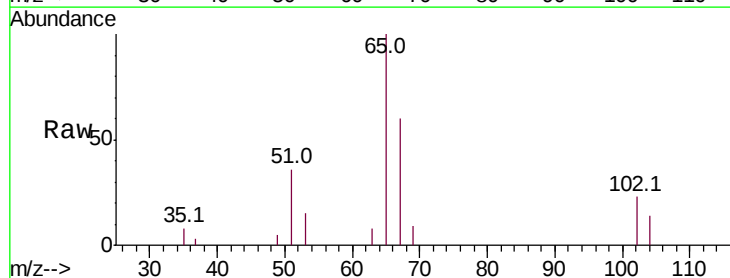
Instrument :
MSVOA_W
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BF-04-120418RE

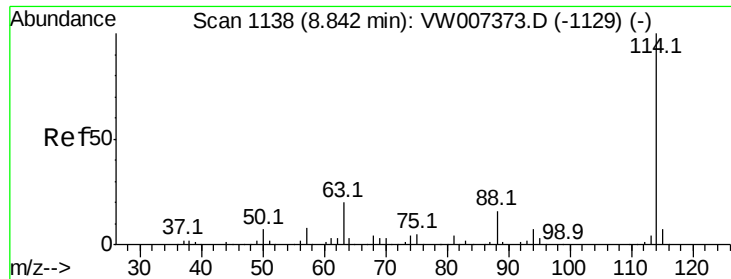
Tot Ion: 84 Resp: 137
Ion Ratio Lower Upper
84 100
49 65.4 87.1 130.7#
51 47.8 28.2 42.2#
86 0.0 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 46.114 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007456.D
Acq: 12 Dec 2018 23:39

Tgt Ion: 65 Resp: 3727
Ion Ratio Lower Upper
65 100
67 56.0 0.0 101.6

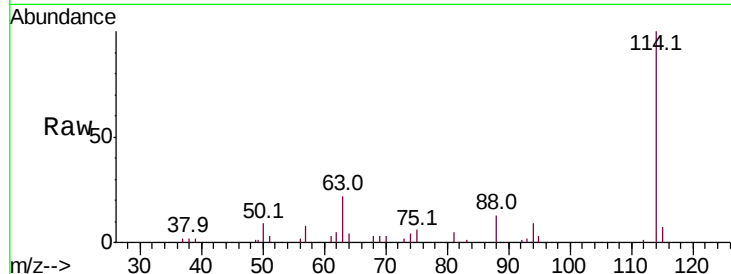




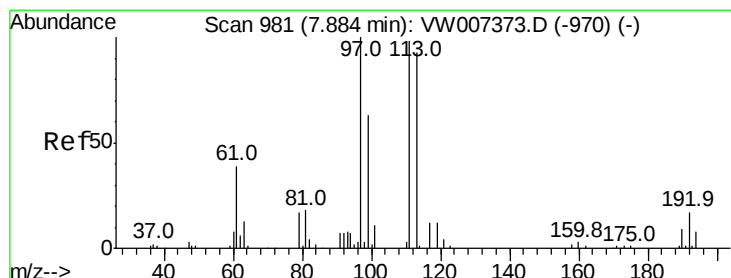
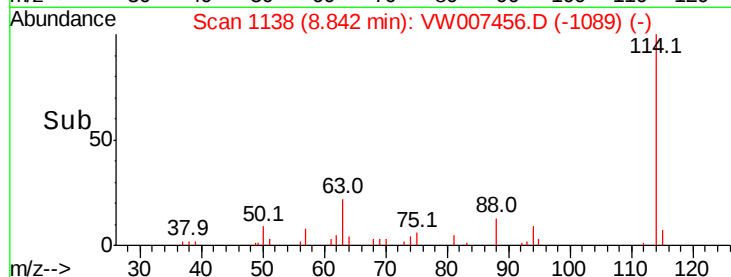
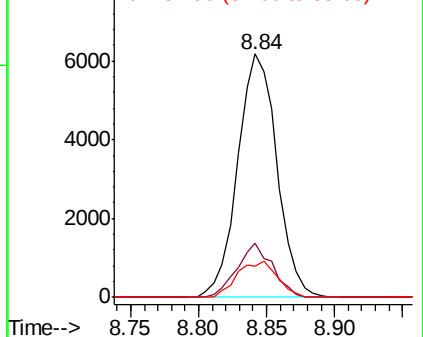
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007456.D
 Acq: 12 Dec 2018 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-04-120418RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	39.6
88	12.7	0.0	31.4

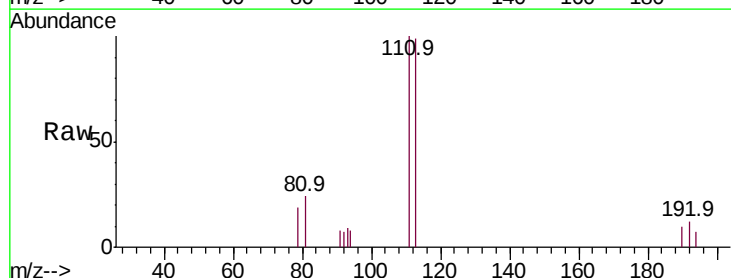


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

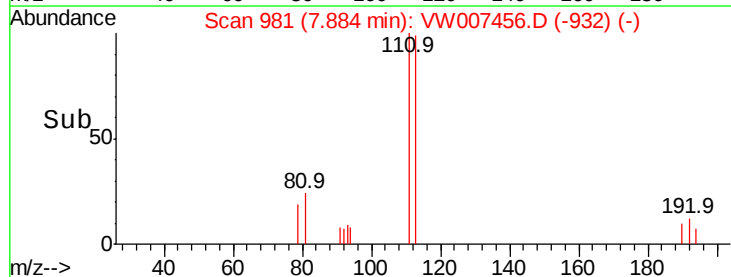
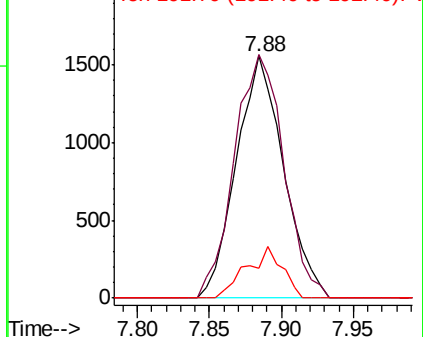


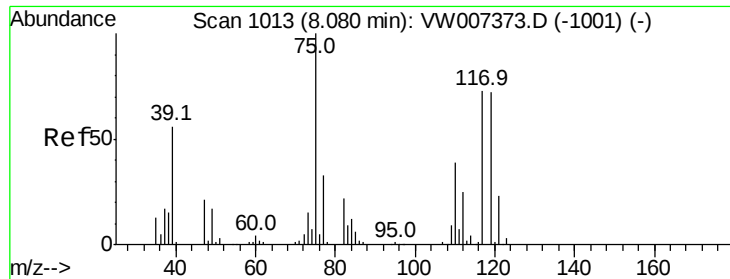
#35
 Dibromofluoromethane
 Concen: 47.119 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007456.D
 Acq: 12 Dec 2018 23:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.1	121.7
192	16.1	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

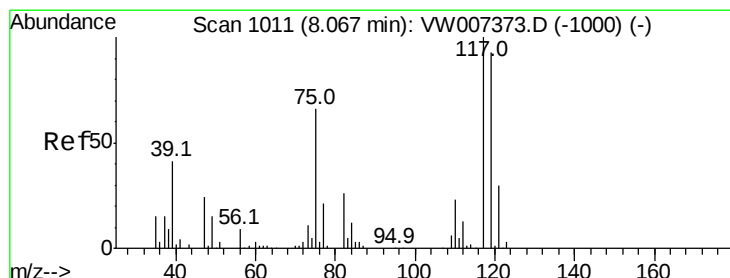
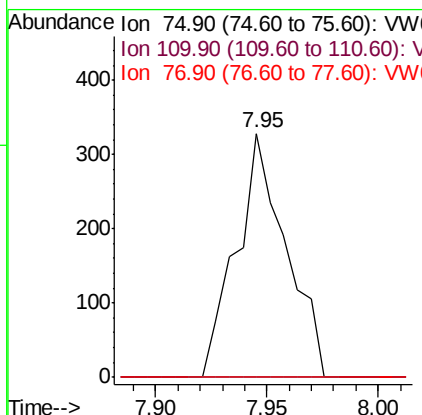
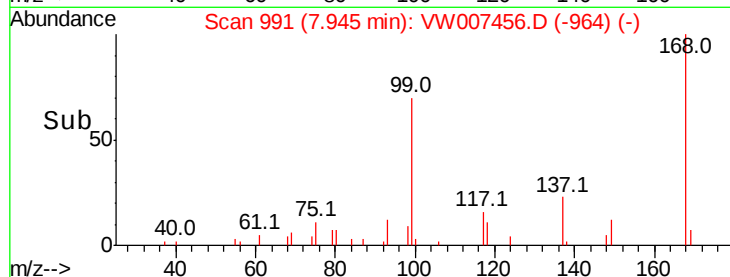
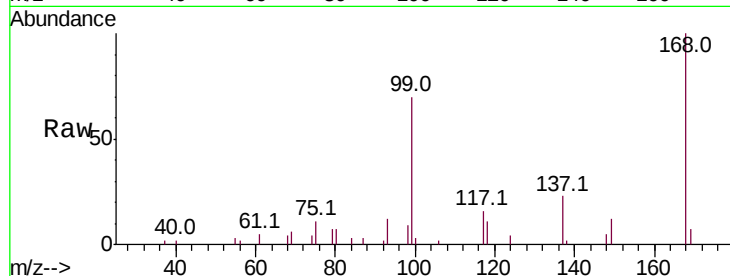




#36
 1,1-Dichloropropene
 Concen: 4.473 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007456.D
 Acq: 12 Dec 2018 23:39

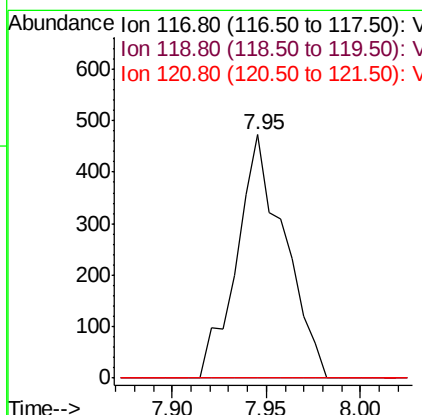
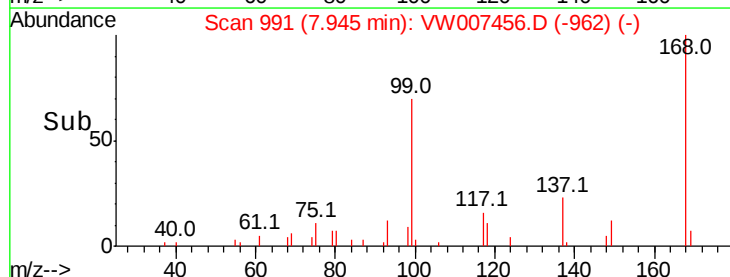
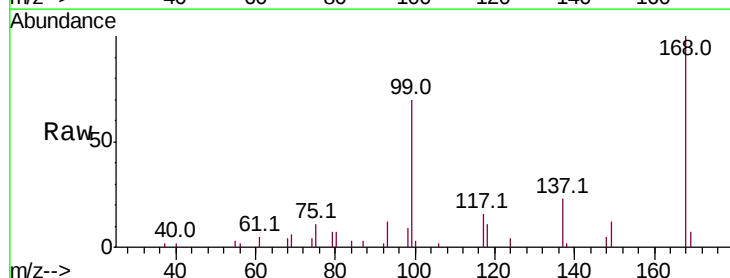
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-04-120418RE

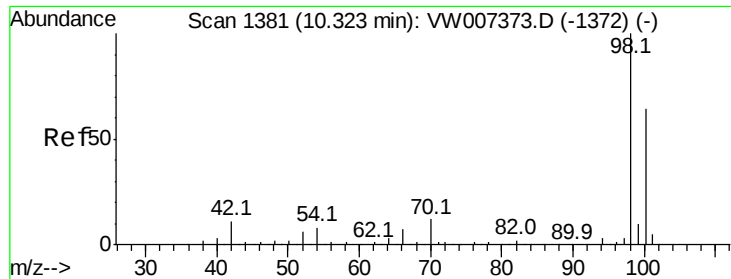
Tot Ion: 75 Resp: 507
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.746 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007456.D
 Acq: 12 Dec 2018 23:39

Tgt Ion: 117 Resp: 832
 Ion Ratio Lower Upper
 117 100
 119 0.0 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 39.201 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007456.D

Acq: 12 Dec 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

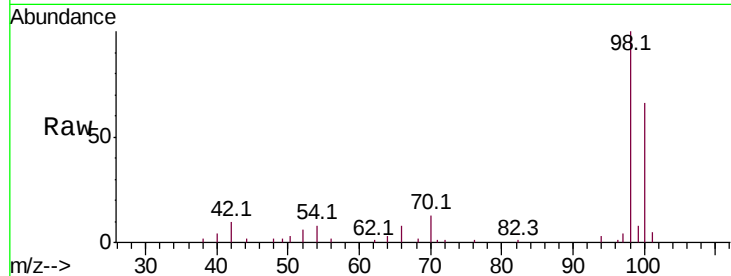
BF-04-120418RE

Tot Ion: 98 Resp: 11055

Ion Ratio Lower Upper

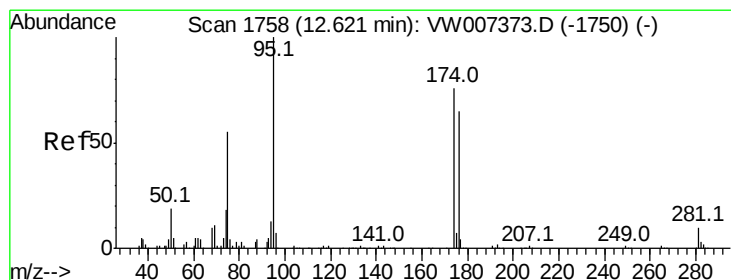
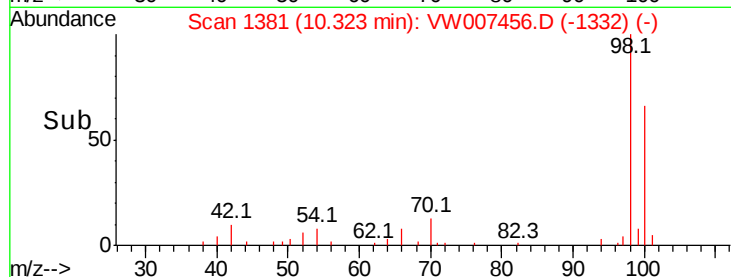
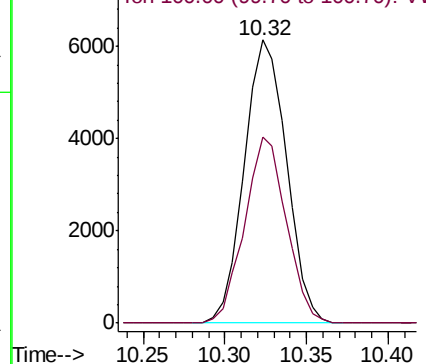
98 100

100 64.9 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: 41.104 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007456.D

Acq: 12 Dec 2018 23:39

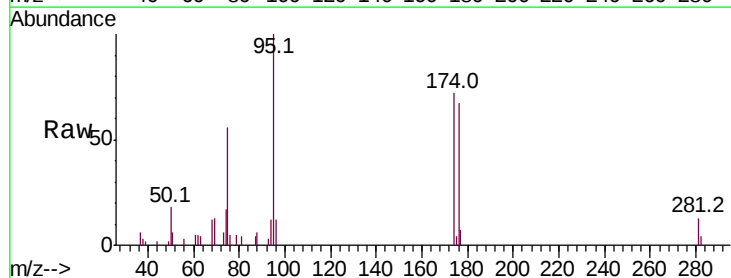
Tgt Ion: 95 Resp: 4262

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

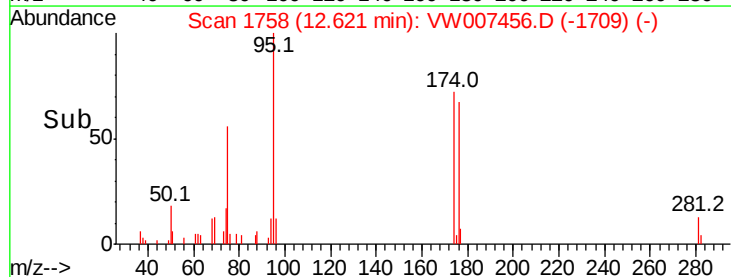
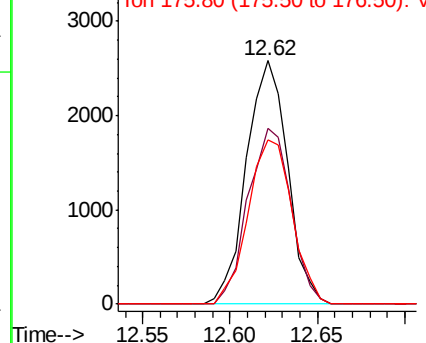
176 72.1 0.0 138.8

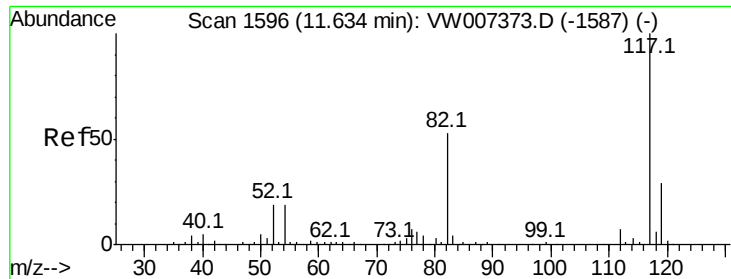


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

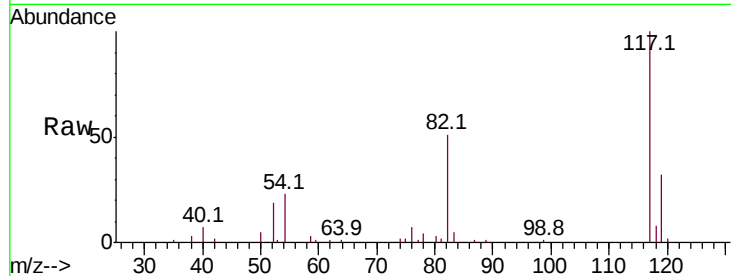




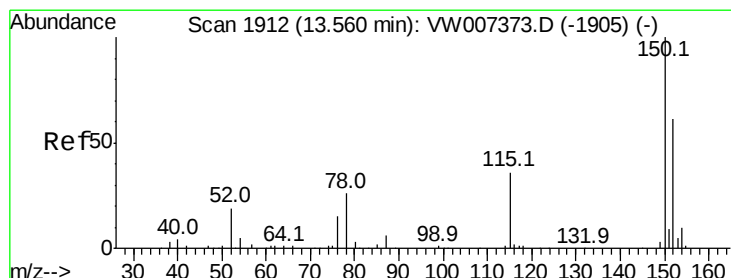
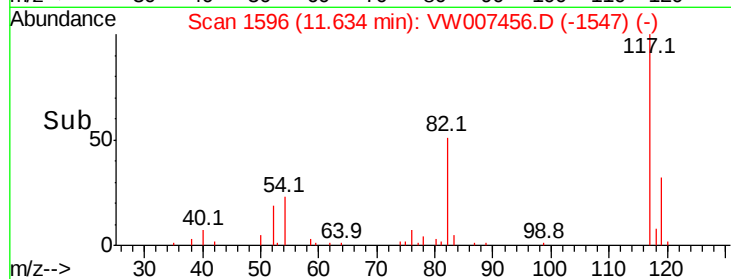
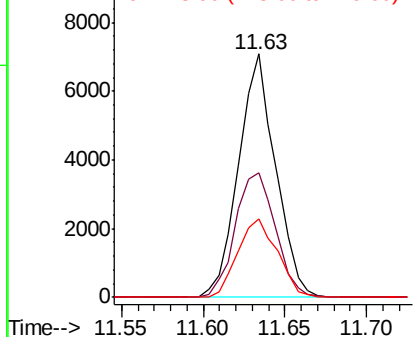
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007456.D
Acq: 12 Dec 2018 23:39

Instrument :
MSVOA_W
ClientSampleId :
BF-04-120418RE

Tot Ion:117 Resp: 11208
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.1 23.0 34.6

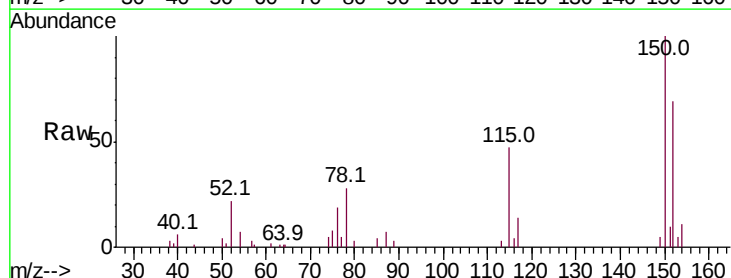


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

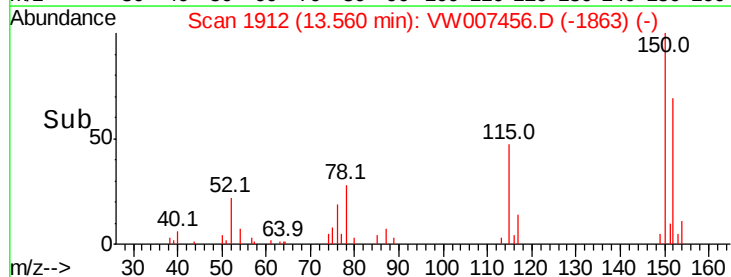
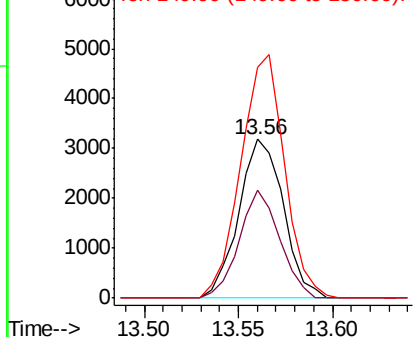


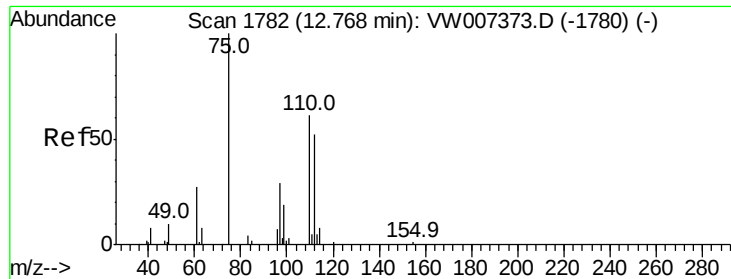
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007456.D
Acq: 12 Dec 2018 23:39

Tgt Ion:152 Resp: 5231
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.2
150 150.0 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

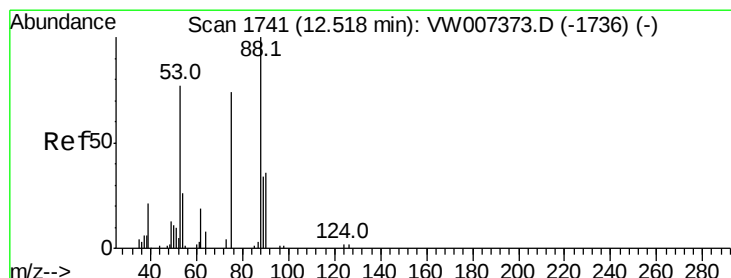
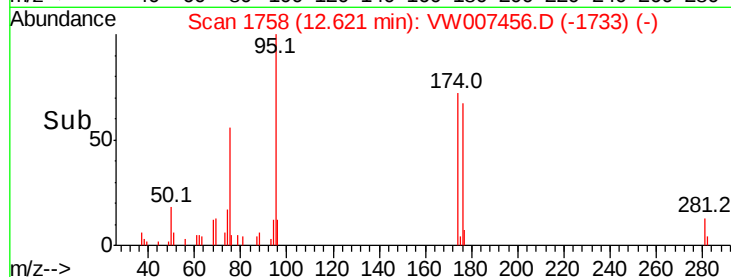
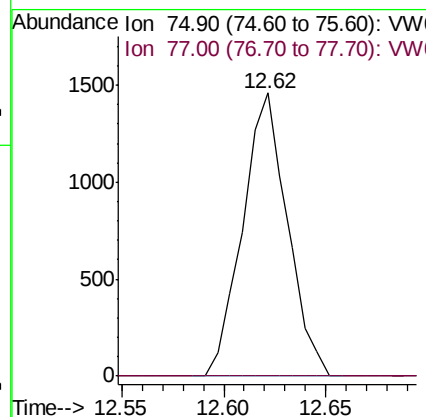
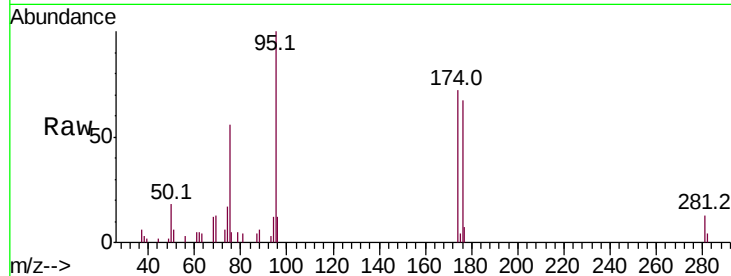




#76
 1,2,3-Trichloropropane
 Concen: 51.564 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007456.D
 Acq: 12 Dec 2018 23:39

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-04-120418RE

Tot Ion: 75 Resp: 2224
 Ion Ratio Lower Upper
 75 100
 77 0.0 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.905 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007456.D
 Acq: 12 Dec 2018 23:39

Tgt Ion: 75 Resp: 2224
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

