

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007416.D
 Acq On : 12 Dec 2018 02:12
 Operator : SY/AP
 Sample : J6275-02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418

Quant Time: Dec 12 05:07:17 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	68711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	40251	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	7.88	113	35727	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	
50) Toluene-d8	10.32	98	115441	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
62) 4-Bromofluorobenzene	12.62	95	47683	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	

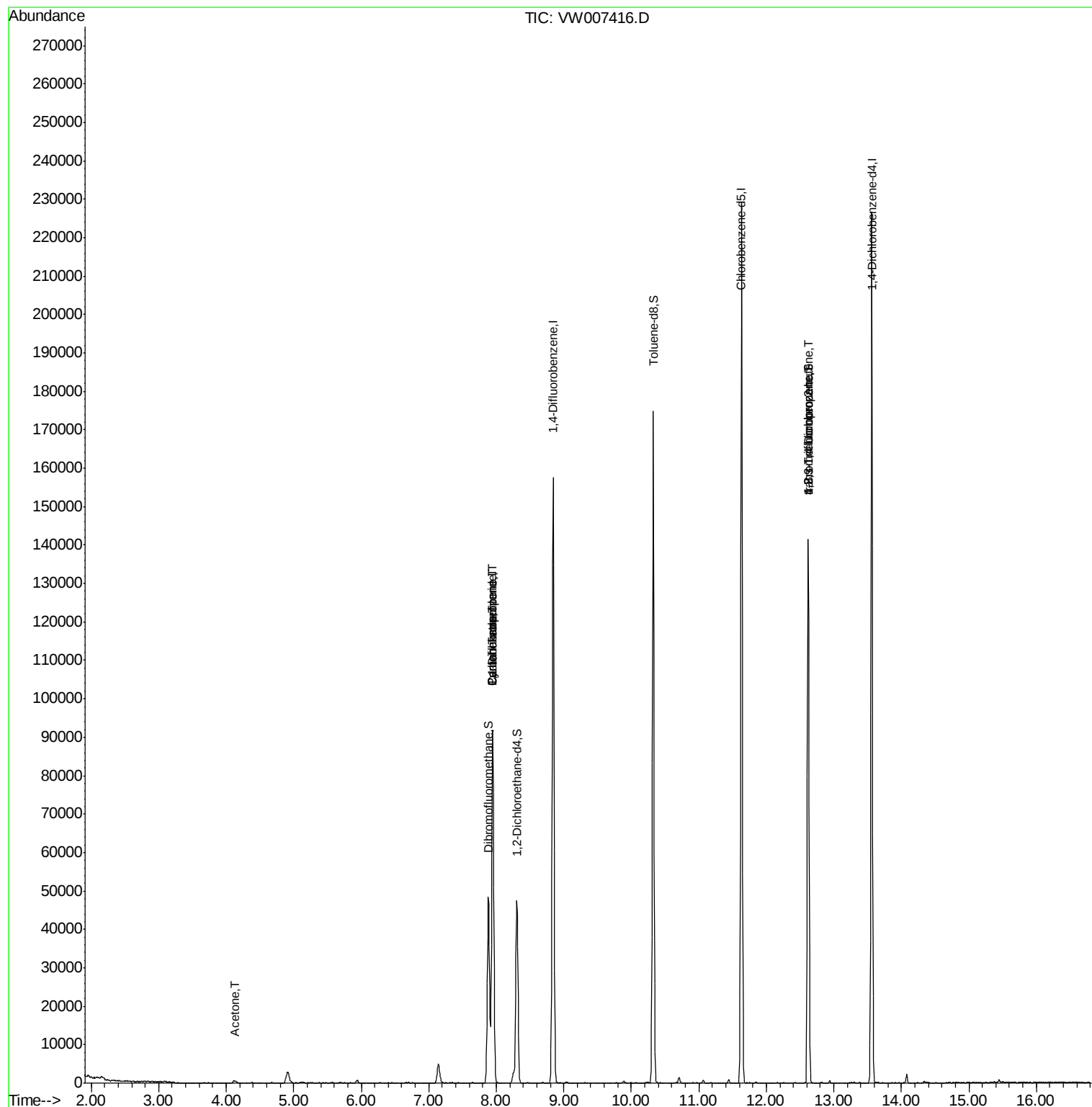
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	1228	9.223	ug/l	98
20) Methylene Chloride	4.92	84	2558	Below Cal		89
31) Cyclohexane	7.95	56	1473	1.244	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5392	4.469	ug/l #	48
38) Carbon Tetrachloride	7.95	117	7234	5.510	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	24640	50.947	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	24640	112.541	ug/l #	7

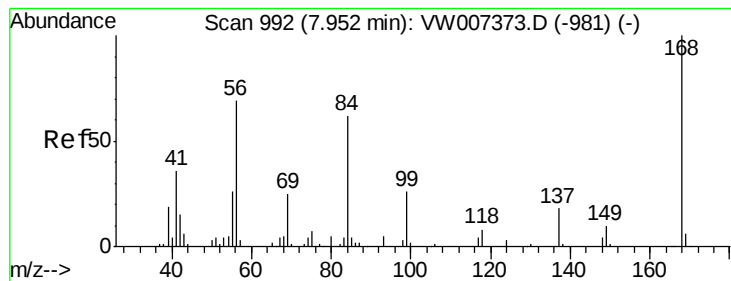
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
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BF-02-120418

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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: VW007416.D

Acq: 12 Dec 2018 02:12

Instrument :

MSVOA_W

ClientSampleId :

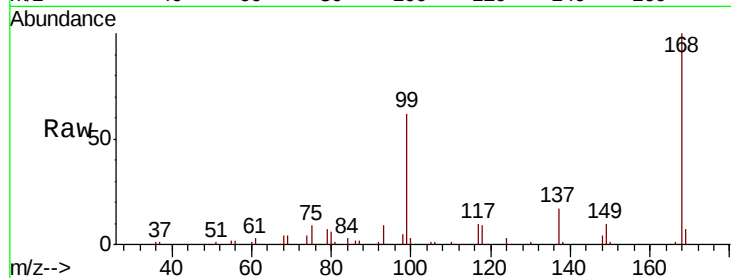
BF-02-120418

Tgt Ion: 168 Resp: 68711

Ion Ratio Lower Upper

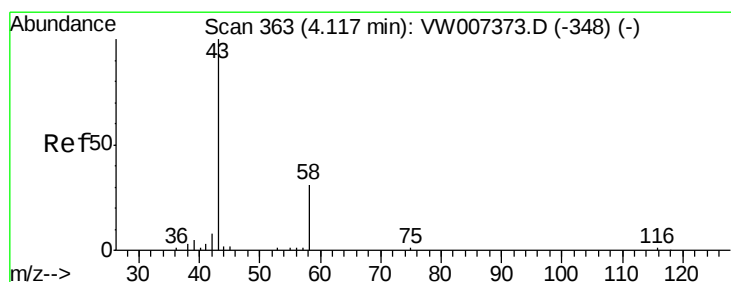
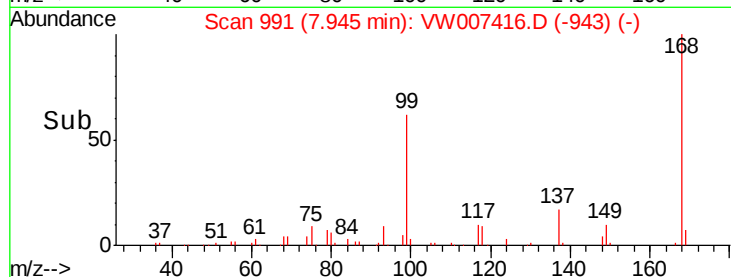
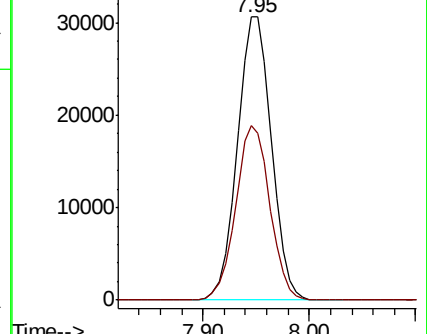
168 100

99 61.7 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: 9.223 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007416.D

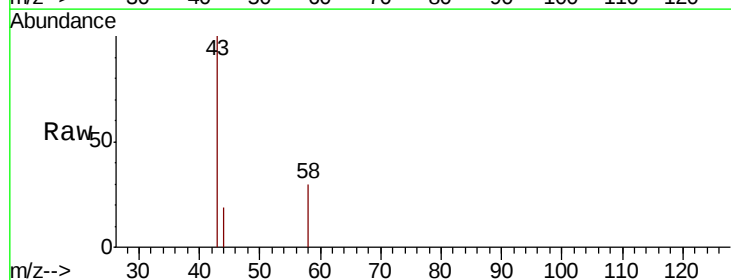
Acq: 12 Dec 2018 02:12

Tgt Ion: 43 Resp: 1228

Ion Ratio Lower Upper

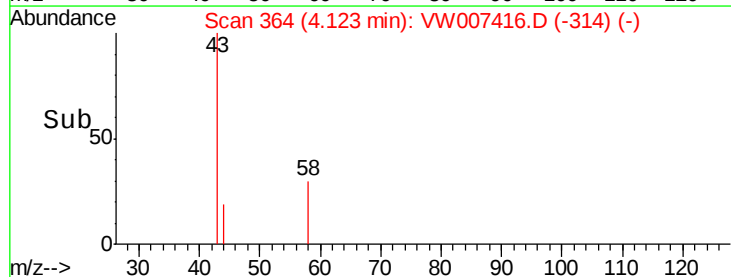
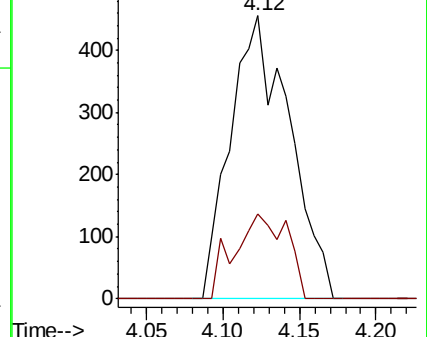
43 100

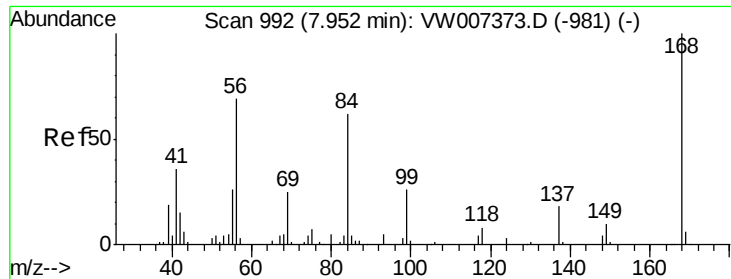
58 29.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

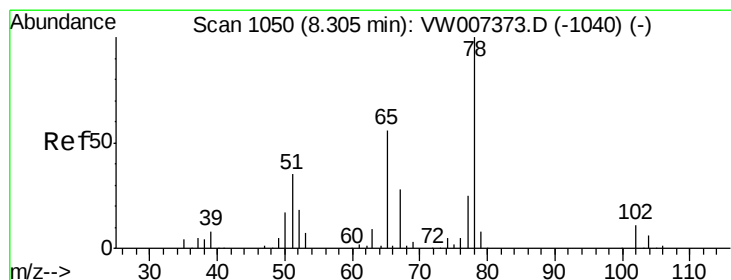
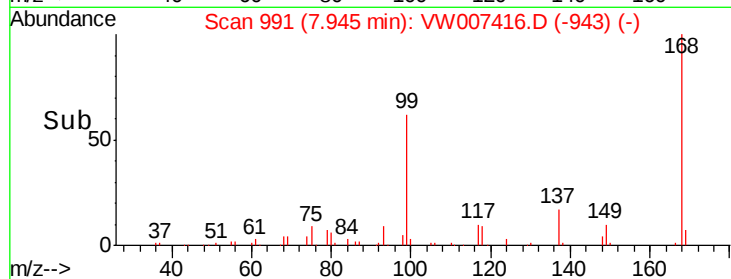
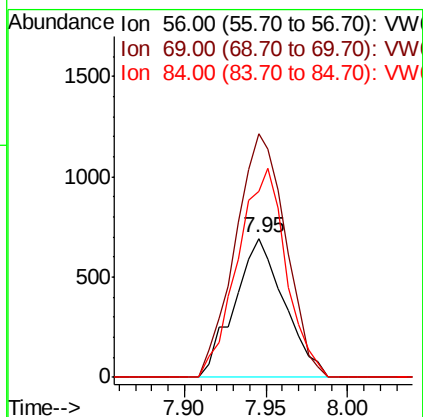
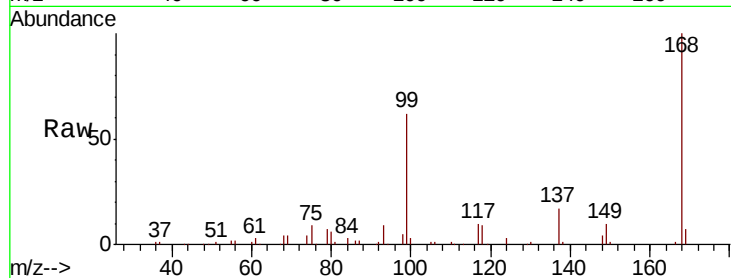




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007416.D
Acq: 12 Dec 2018 02:12

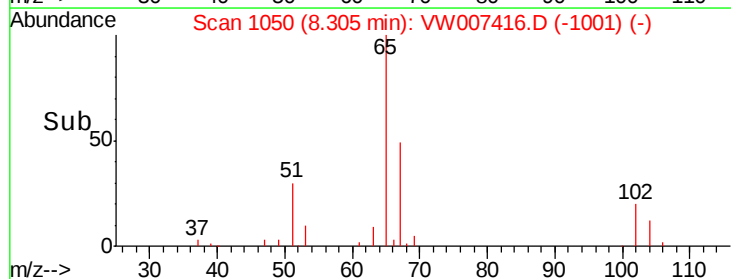
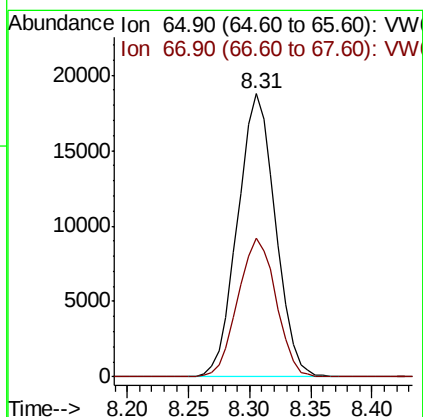
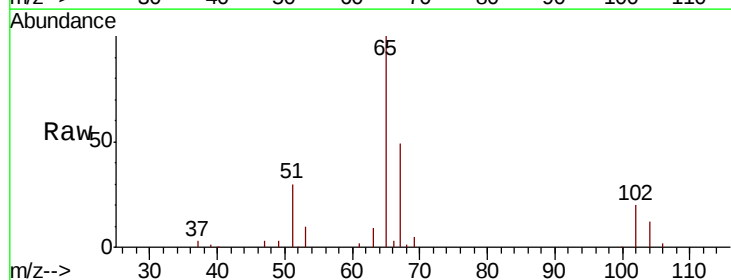
Instrument :
MSVOA_W
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BF-02-120418

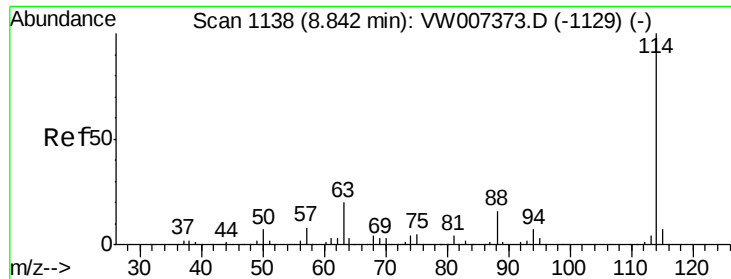
Tgt Ion: 56 Resp: 1473
Ion Ratio Lower Upper
56 100
69 175.4 28.9 43.3#
84 134.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.802 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007416.D
Acq: 12 Dec 2018 02:12

Tgt Ion: 65 Resp: 40251
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6

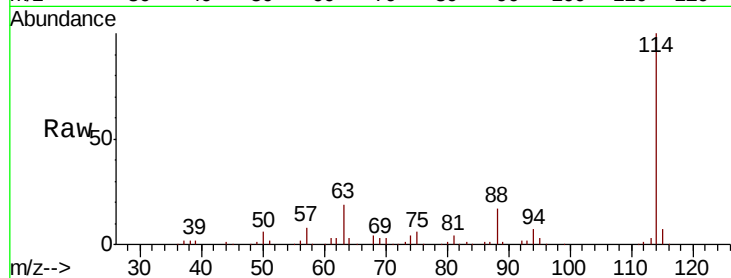




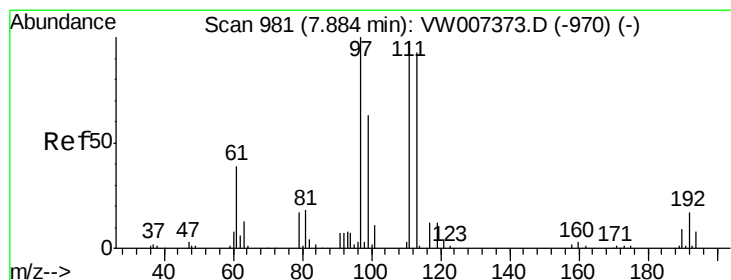
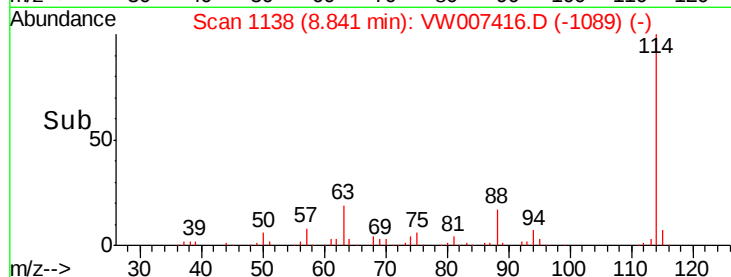
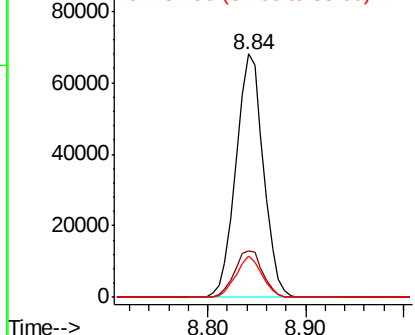
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007416.D
 Acq: 12 Dec 2018 02:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418

Tgt Ion:114 Resp: 132258
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 16.8 0.0 31.4

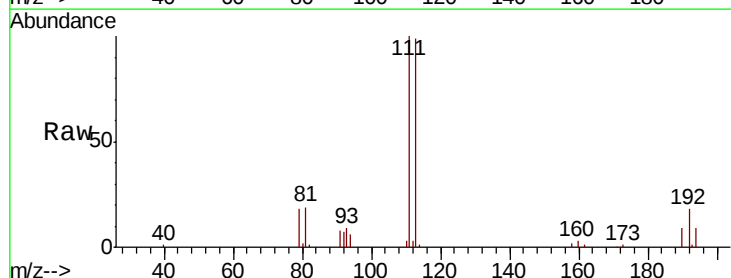


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

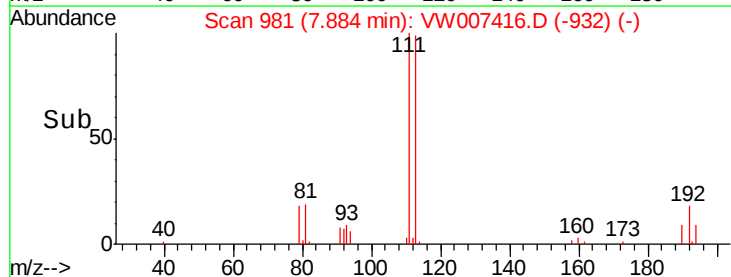
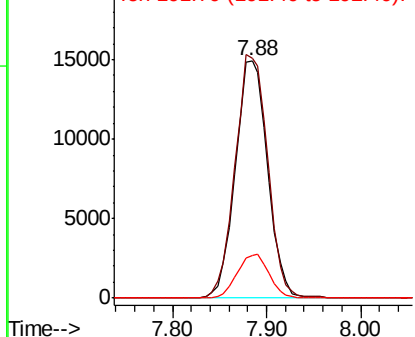


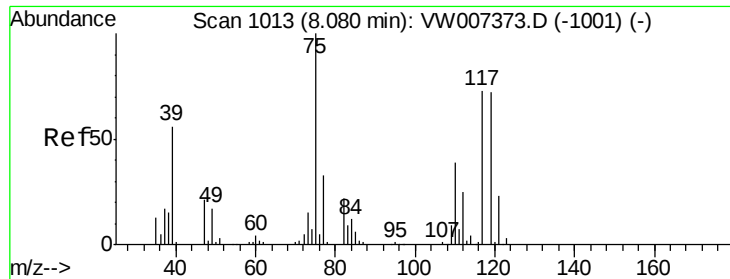
#35
 Dibromofluoromethane
 Concen: 44.625 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007416.D
 Acq: 12 Dec 2018 02:12

Tgt Ion:113 Resp: 35727
 Ion Ratio Lower Upper
 113 100
 111 103.3 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

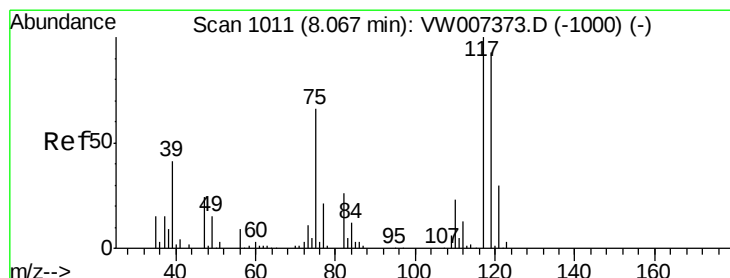
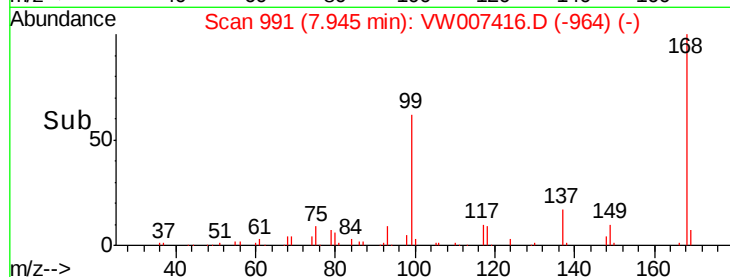
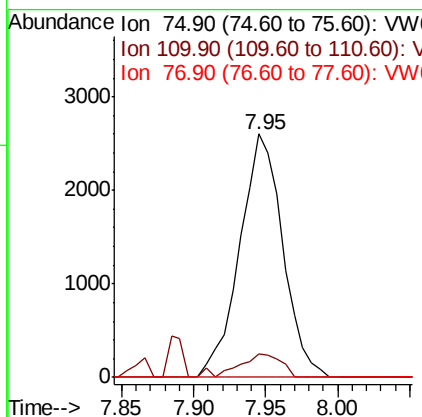
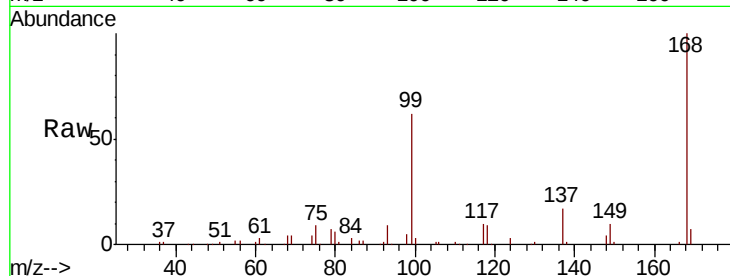




#36
 1,1-Dichloropropene
 Concen: 4.469 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007416.D
 Acq: 12 Dec 2018 02:12

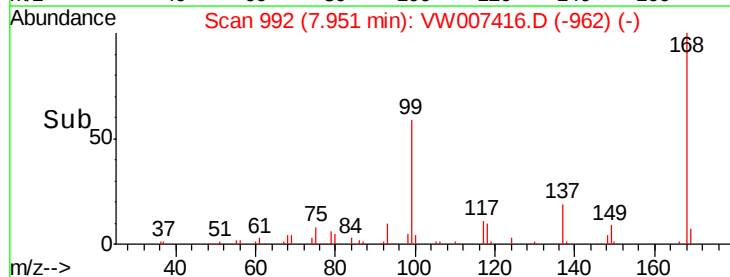
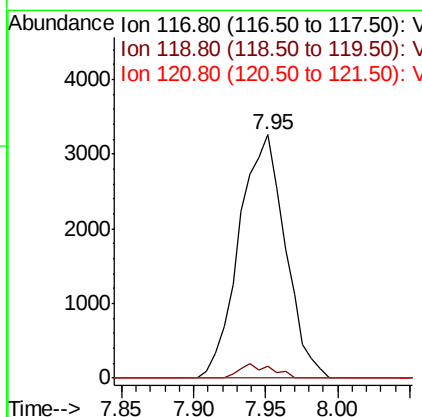
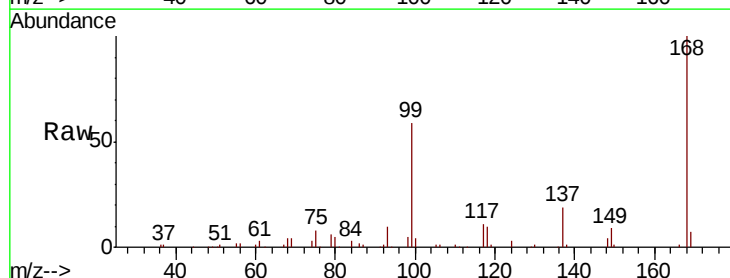
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418

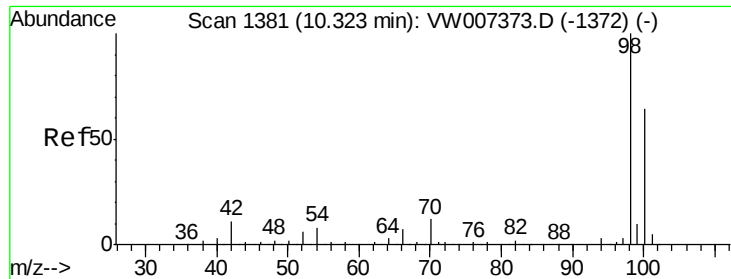
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.510 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007416.D
 Acq: 12 Dec 2018 02:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 38.457 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007416.D

Acq: 12 Dec 2018 02:12

Instrument :

MSVOA_W

ClientSampleId :

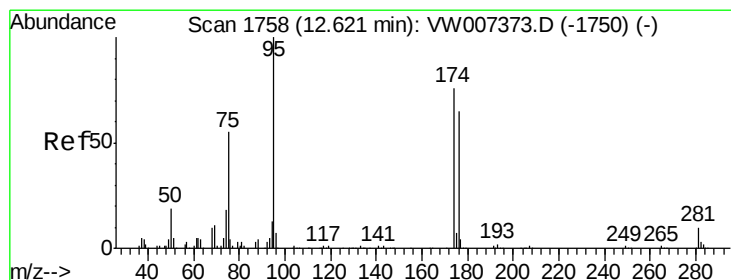
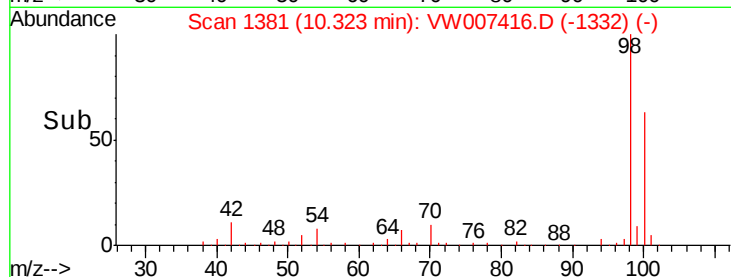
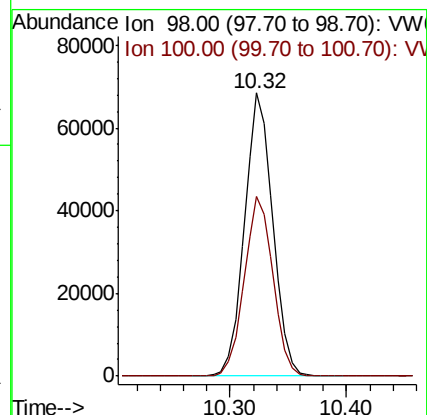
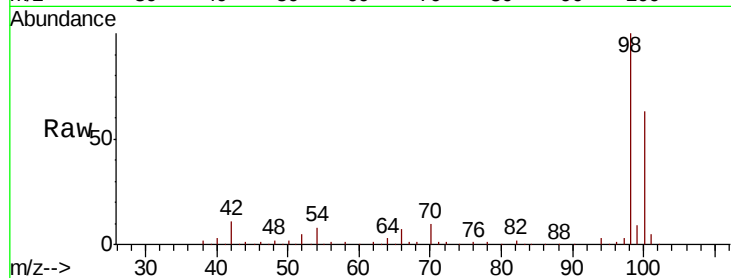
BF-02-120418

Tgt Ion: 98 Resp: 115441

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 43.203 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007416.D

Acq: 12 Dec 2018 02:12

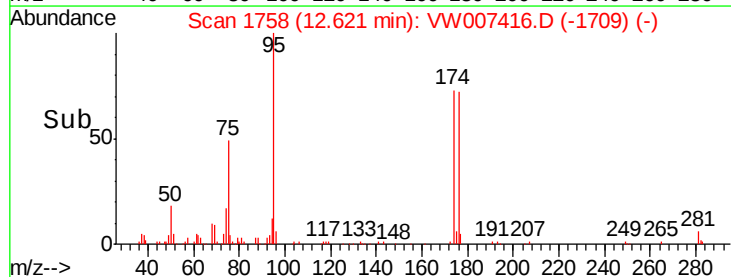
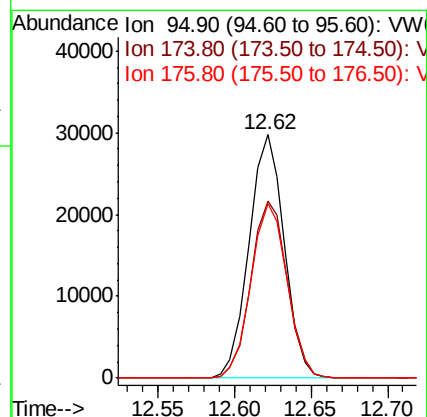
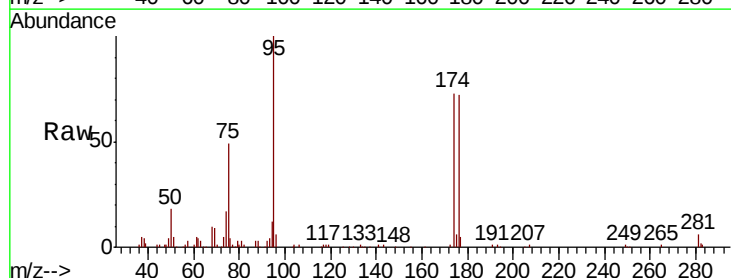
Tgt Ion: 95 Resp: 47683

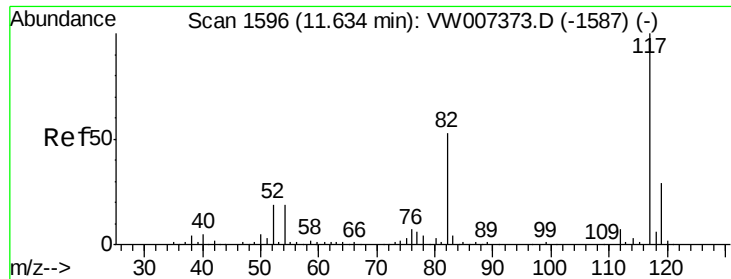
Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

176 73.4 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: VW007416.D

Acq: 12 Dec 2018 02:12

Instrument :

MSVOA_W

ClientSampleId :

BF-02-120418

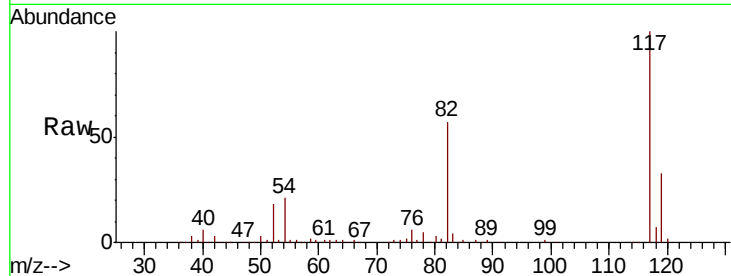
Tgt Ion:117 Resp: 127915

Ion Ratio Lower Upper

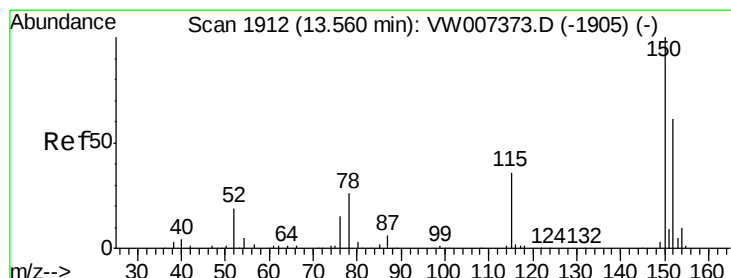
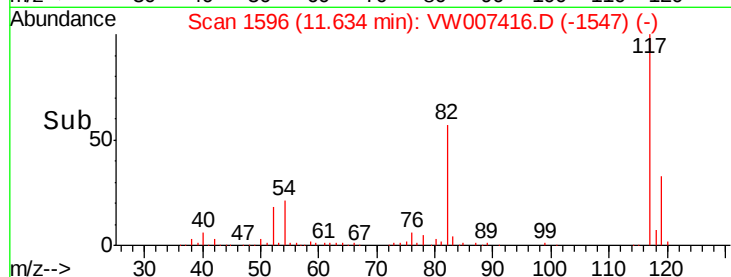
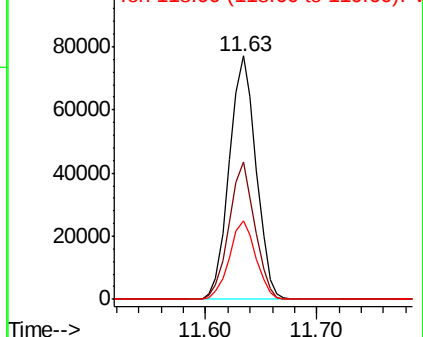
117 100

82 56.6 42.3 63.5

119 32.5 23.0 34.6



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: VW007416.D

Acq: 12 Dec 2018 02:12

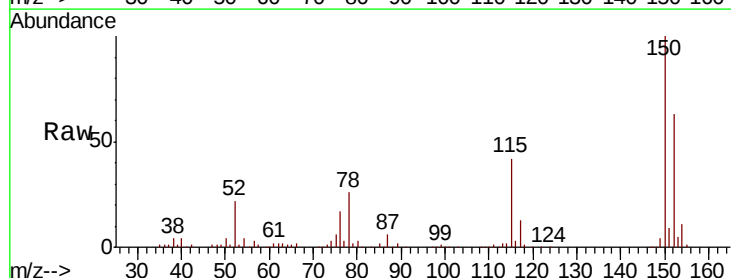
Tgt Ion:152 Resp: 58657

Ion Ratio Lower Upper

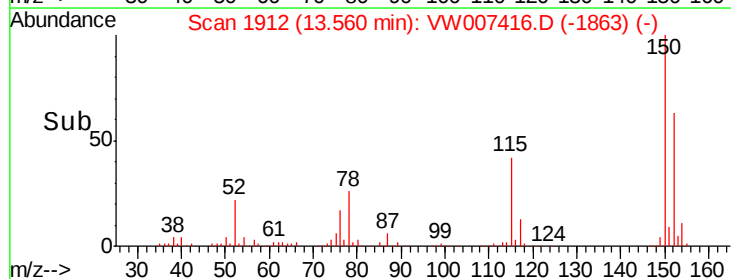
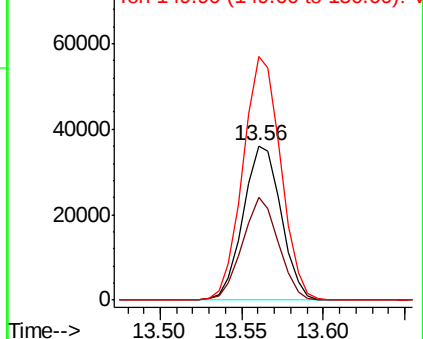
152 100

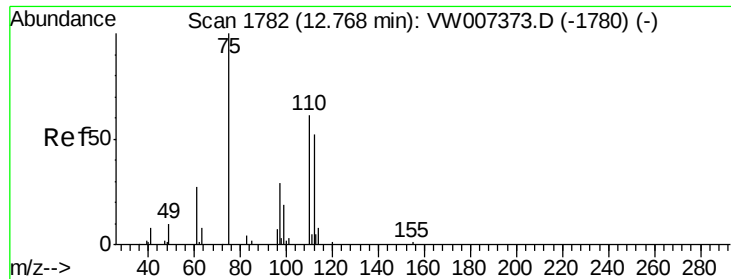
115 63.2 31.4 94.2

150 156.7 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

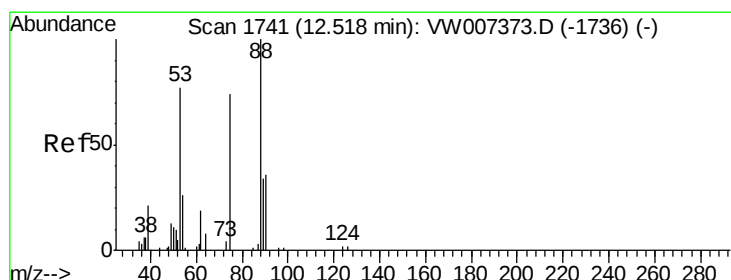
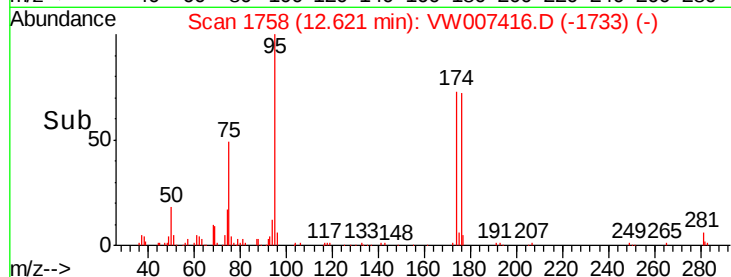
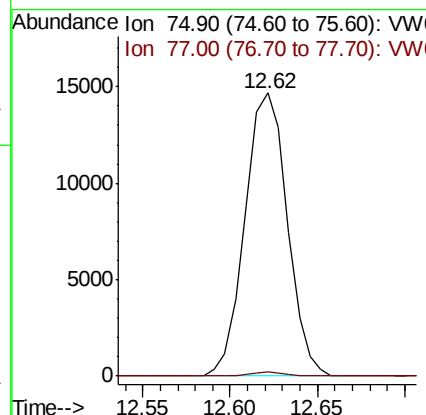
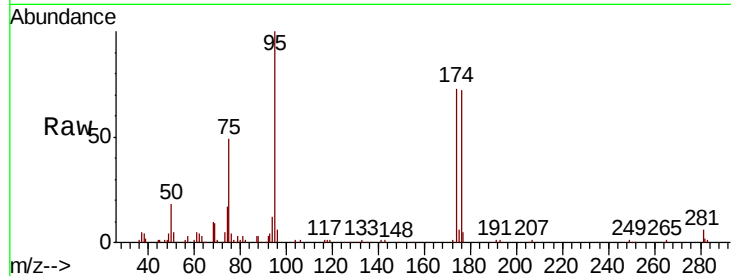




#76
 1,2,3-Trichloropropane
 Concen: 50.947 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007416.D
 Acq: 12 Dec 2018 02:12

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-02-120418

Tgt Ion: 75 Resp: 24640
 Ion Ratio Lower Upper
 75 100
 77 1.1 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.541 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007416.D
 Acq: 12 Dec 2018 02:12

Tgt Ion: 75 Resp: 24640
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.2 40.3 60.5#

