

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007417.D
 Acq On : 12 Dec 2018 02:38
 Operator : SY/AP
 Sample : J6275-03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-03-120418

Quant Time: Dec 12 05:07:25 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	67394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59054	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	39506	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.68%		
35) Dibromofluoromethane	7.88	113	35427	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.90%		
50) Toluene-d8	10.32	98	117760	42.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.14%		
62) 4-Bromofluorobenzene	12.62	95	48921	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.06%		

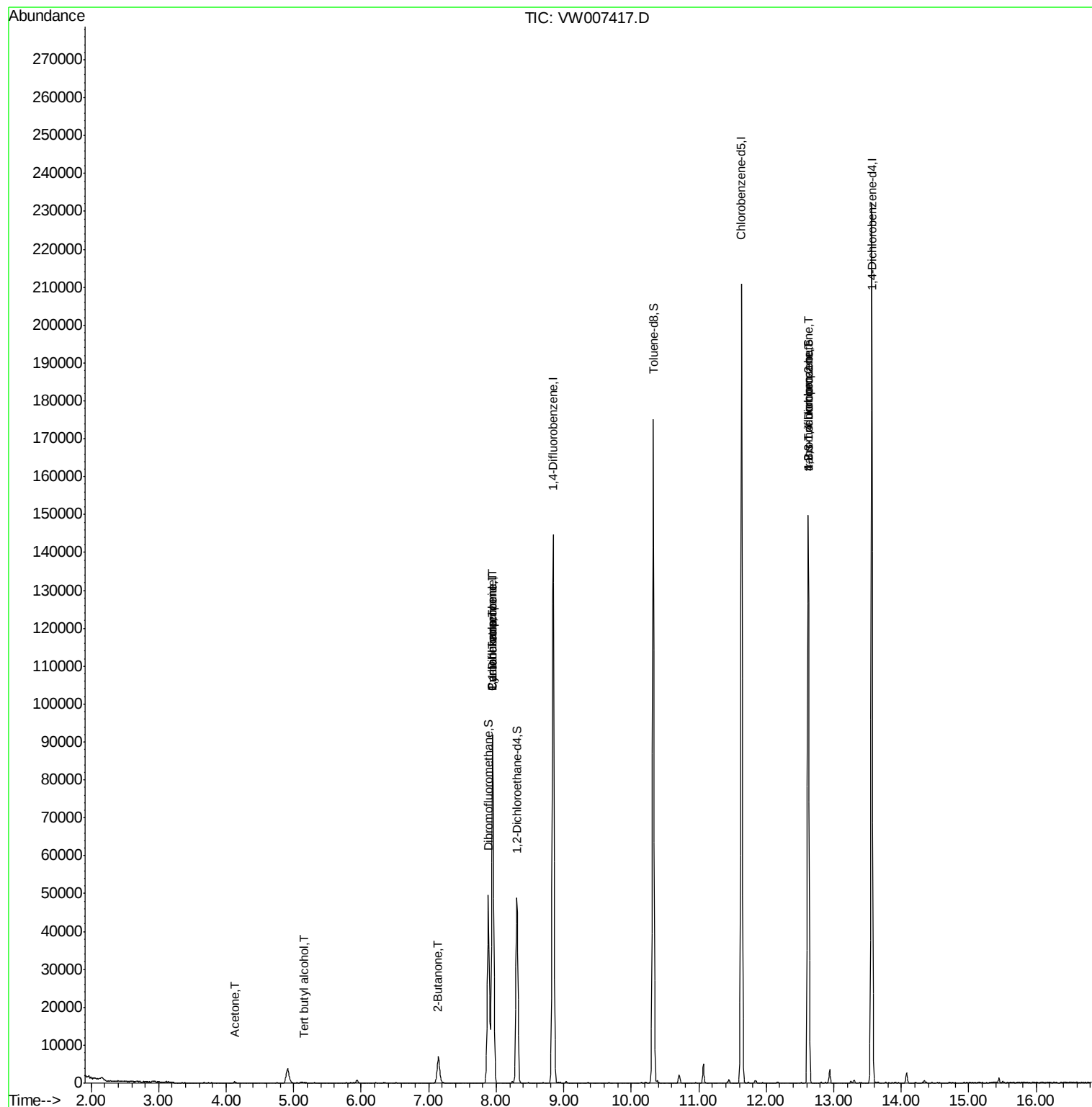
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	74	1.441	ug/l #	74
16) Acetone	4.12	43	549	4.204	ug/l	94
25) 2-Butanone	7.14	43	332	1.947	ug/l #	45
31) Cyclohexane	7.95	56	1374	1.183	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	5323	4.731	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7058	5.765	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	25298	51.955	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	25298	114.770	ug/l #	7

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

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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: VW007417.D

Acq: 12 Dec 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

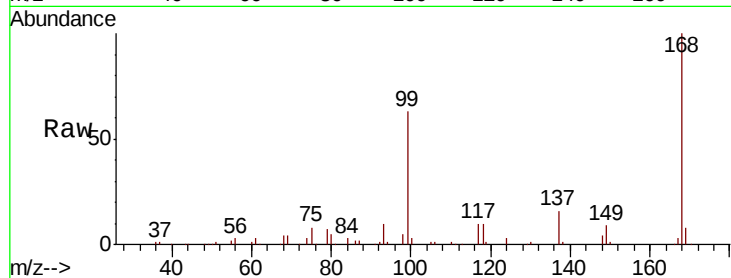
BF-03-120418

Tgt Ion: 168 Resp: 67394

Ion Ratio Lower Upper

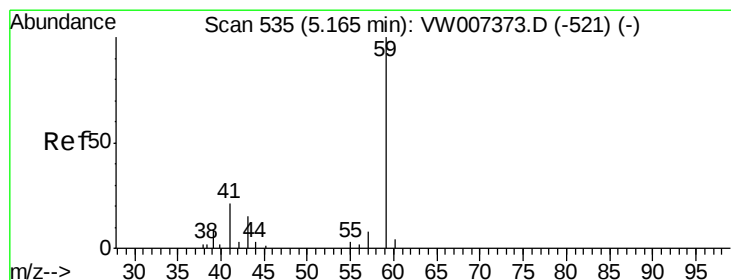
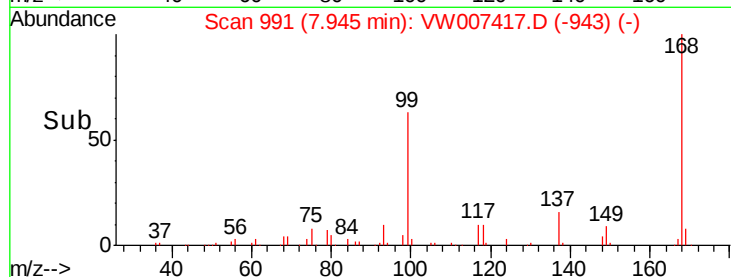
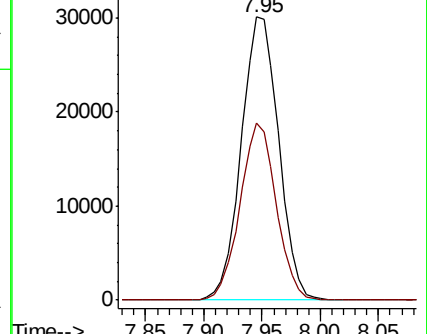
168 100

99 62.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.441 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW007417.D

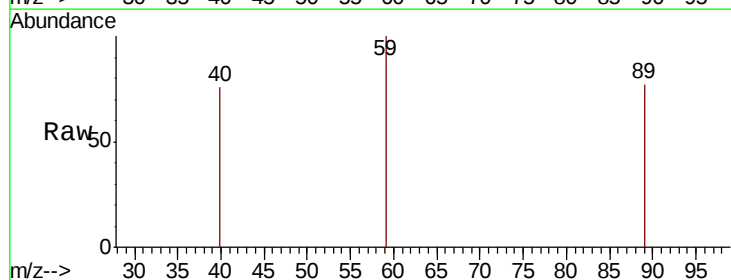
Acq: 12 Dec 2018 02:38

Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

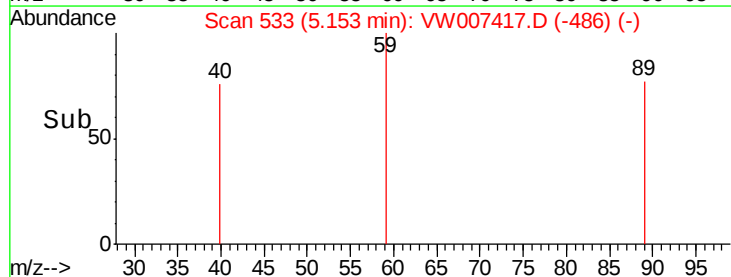
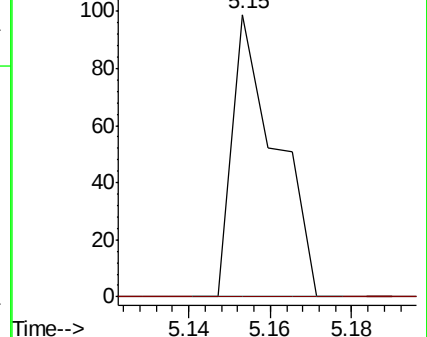
59 100

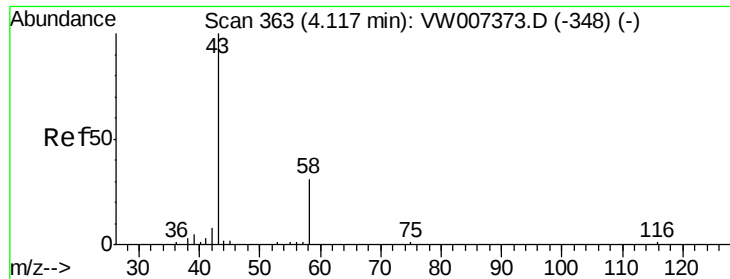
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.204 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007417.D

Acq: 12 Dec 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

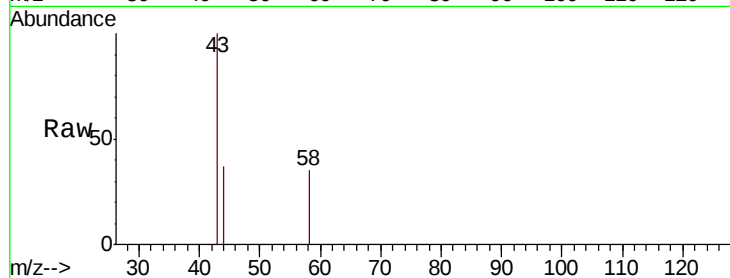
BF-03-120418

Tgt Ion: 43 Resp: 549

Ion Ratio Lower Upper

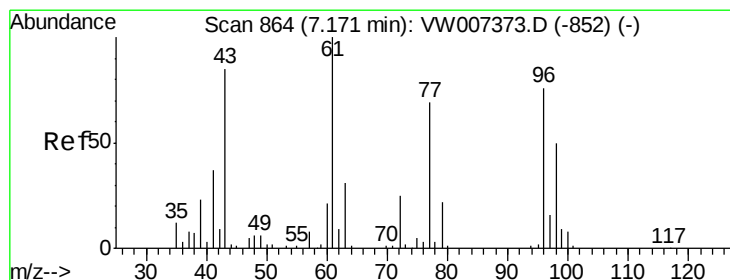
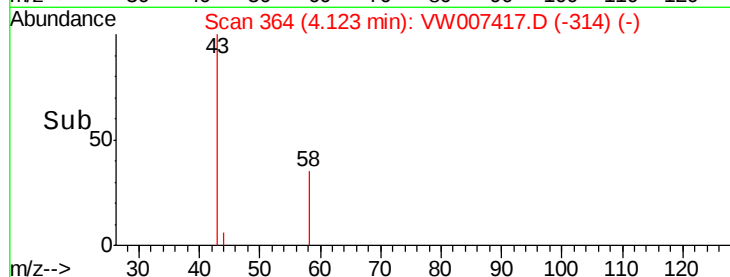
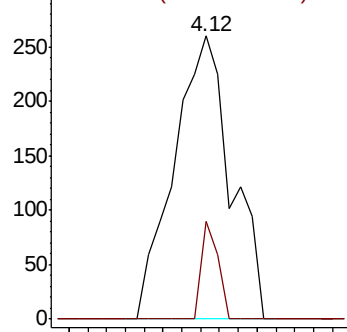
43 100

58 34.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.947 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007417.D

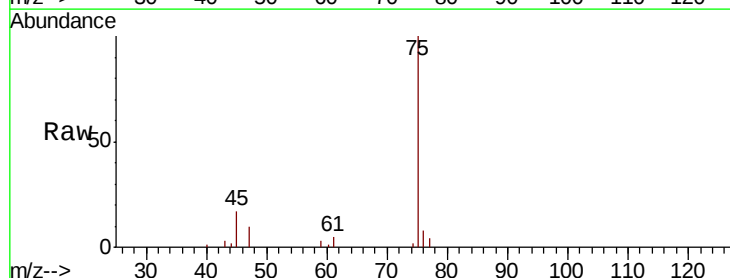
Acq: 12 Dec 2018 02:38

Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

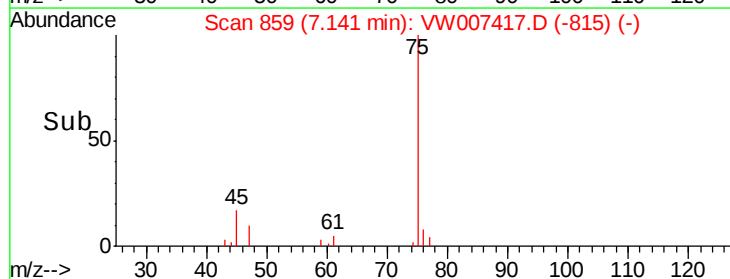
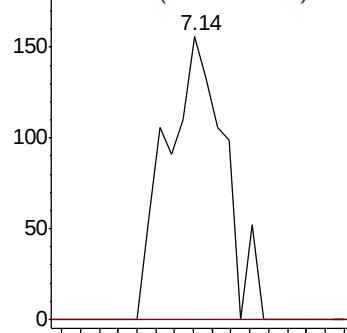
43 100

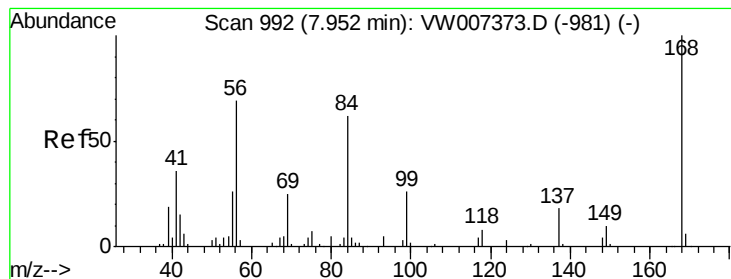
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007417.D

Acq: 12 Dec 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

BF-03-120418

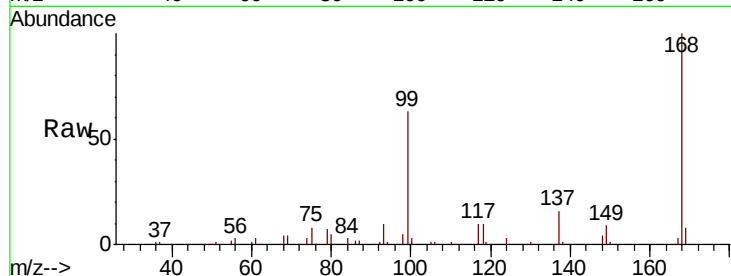
Tgt Ion: 56 Resp: 1374

Ion Ratio Lower Upper

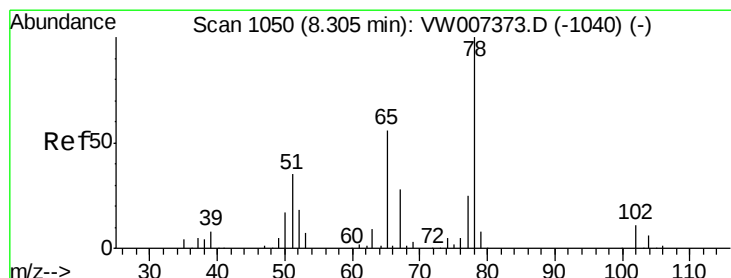
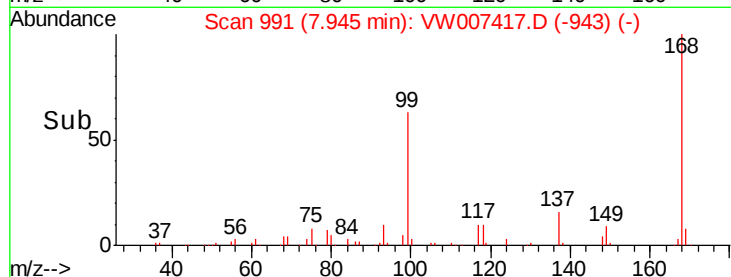
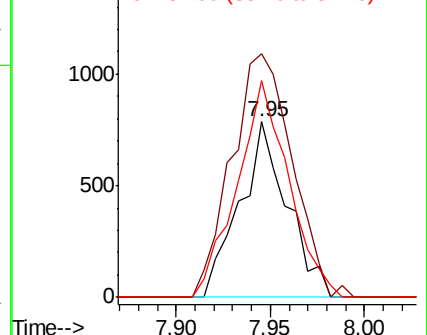
56 100

69 138.8 28.9 43.3#

84 123.4 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: 52.838 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007417.D

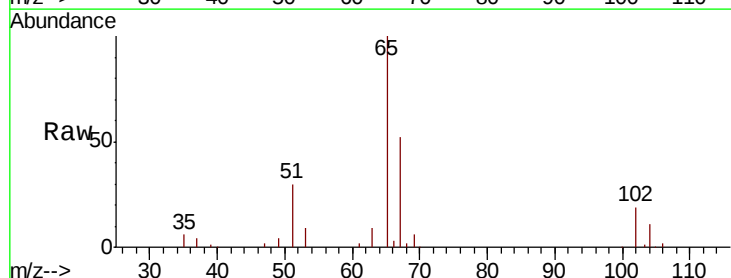
Acq: 12 Dec 2018 02:38

Tgt Ion: 65 Resp: 39506

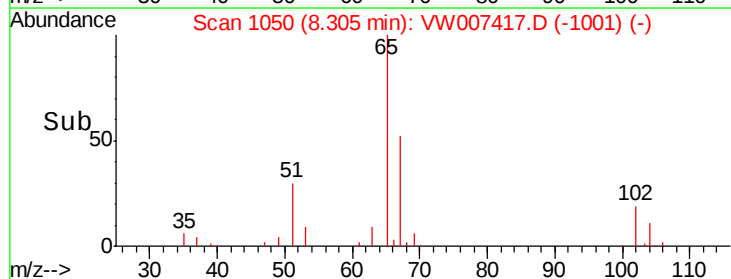
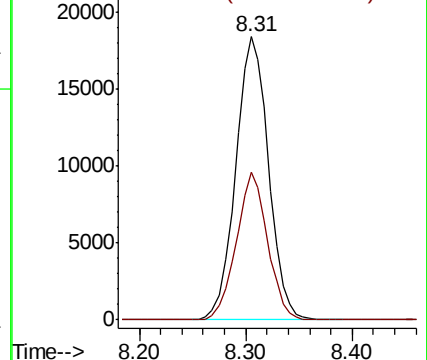
Ion Ratio Lower Upper

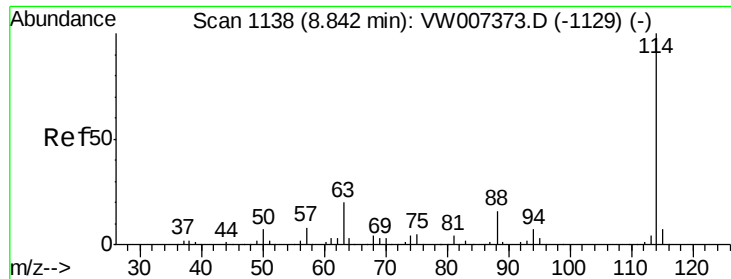
65 100

67 49.8 0.0 101.6



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

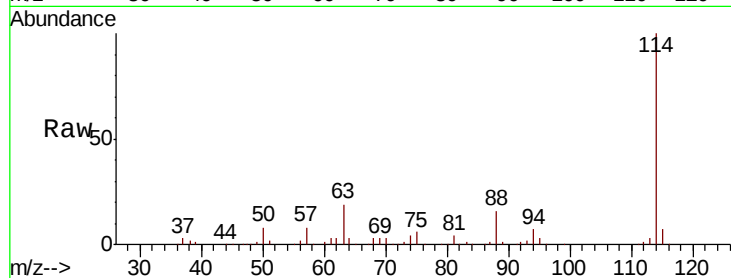




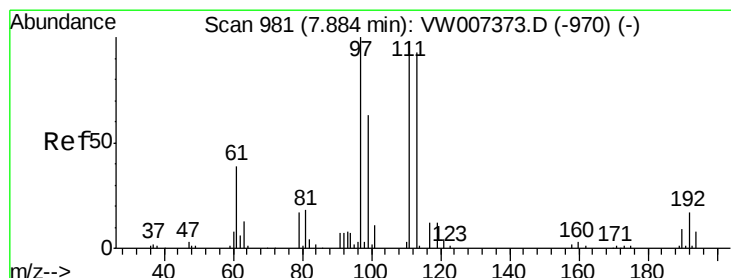
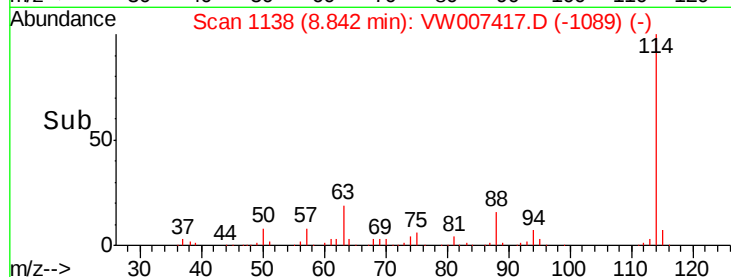
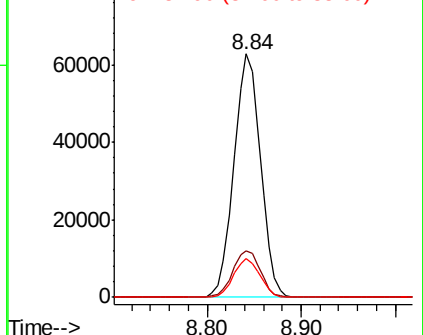
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007417.D
Acq: 12 Dec 2018 02:38

Instrument :
MSVOA_W
ClientSampleId :
BF-03-120418

Tgt Ion:114 Resp: 123339
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.6
88 15.9 0.0 31.4

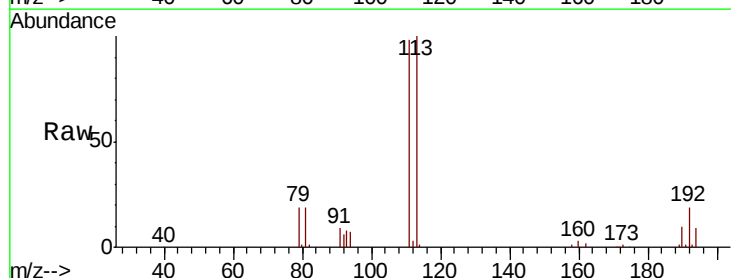


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

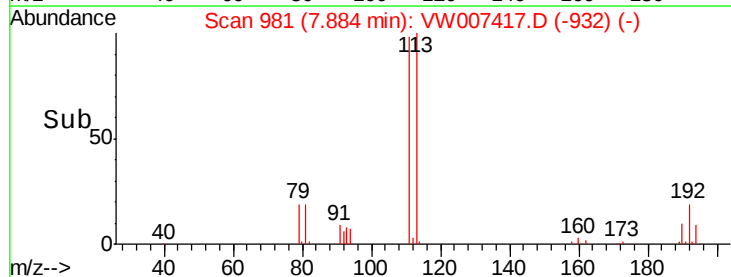
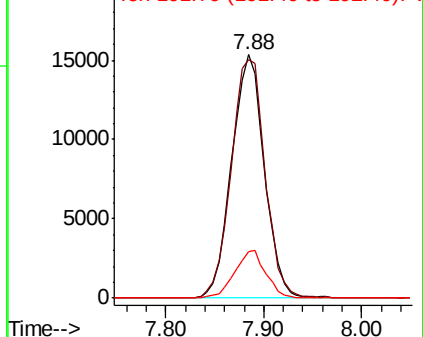


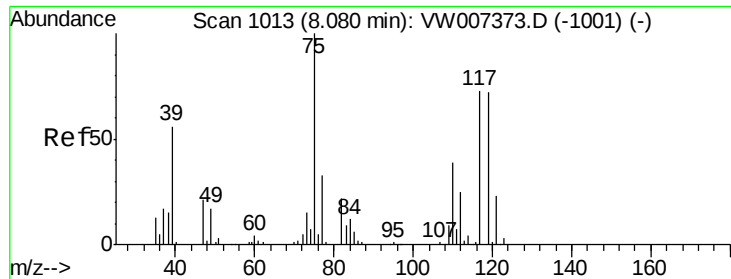
#35
Dibromofluoromethane
Concen: 47.450 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007417.D
Acq: 12 Dec 2018 02:38

Tgt Ion:113 Resp: 35427
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 18.6 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

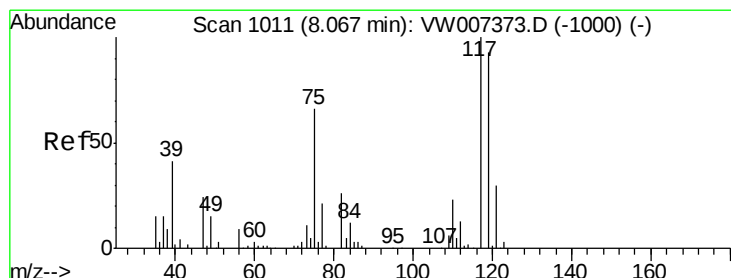
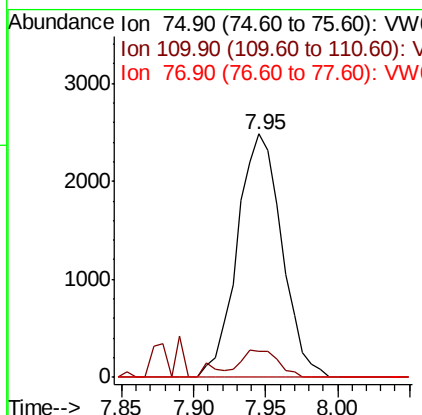
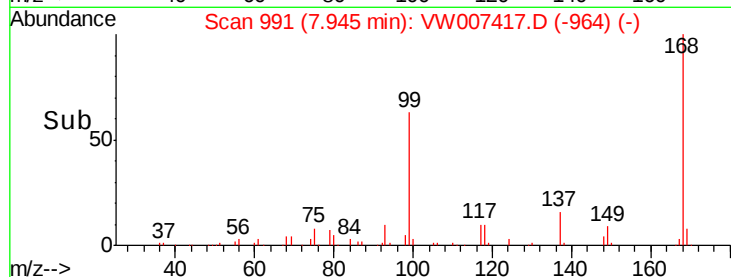
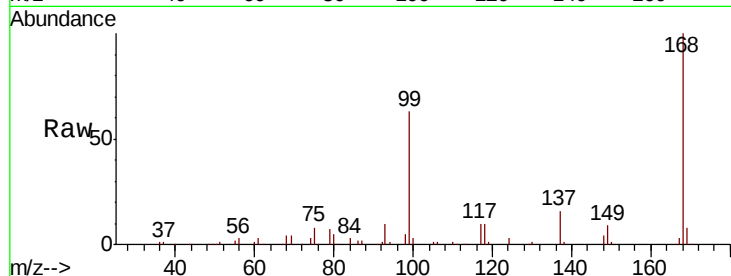




#36
 1,1-Dichloropropene
 Concen: 4.731 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007417.D
 Acq: 12 Dec 2018 02:38

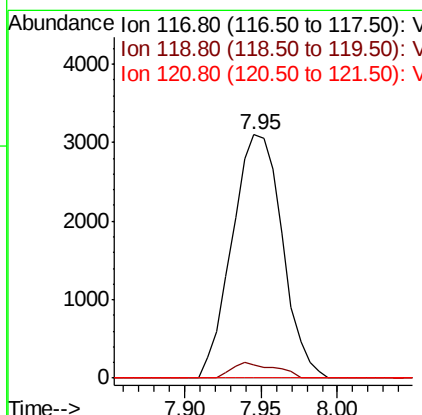
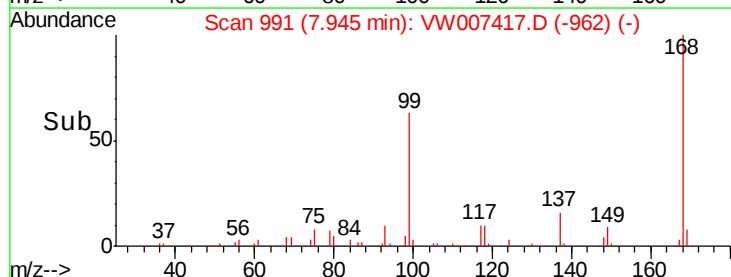
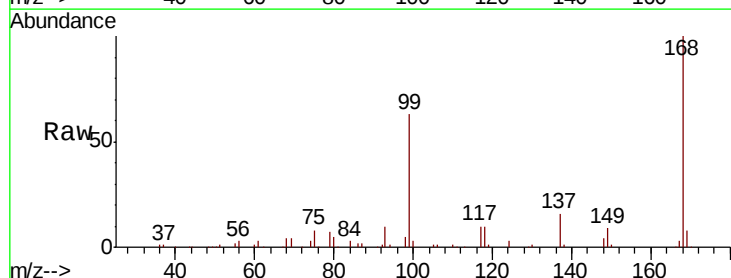
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 MSVOA_W
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 BF-03-120418

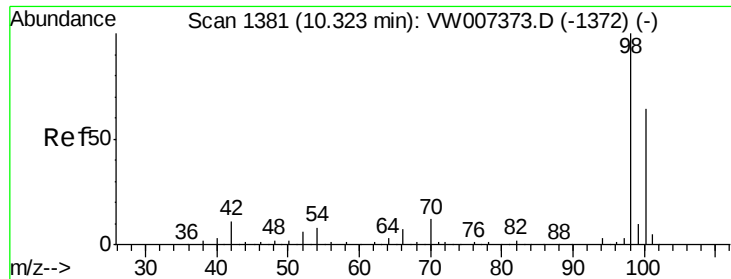
Tgt Ion: 75 Resp: 5323
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.765 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007417.D
 Acq: 12 Dec 2018 02:38

Tgt Ion: 117 Resp: 7058
 Ion Ratio Lower Upper
 117 100
 119 5.6 74.3 111.5#
 121 0.0 24.3 36.5#

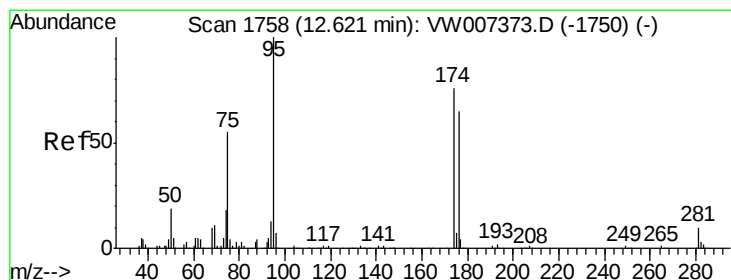
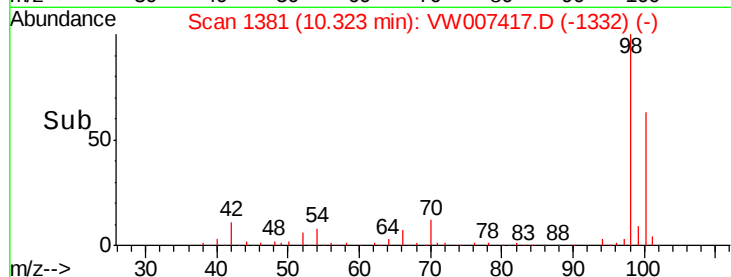
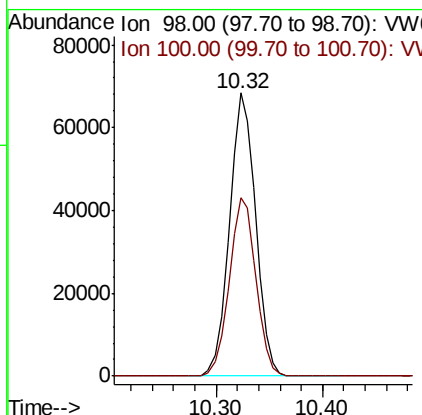
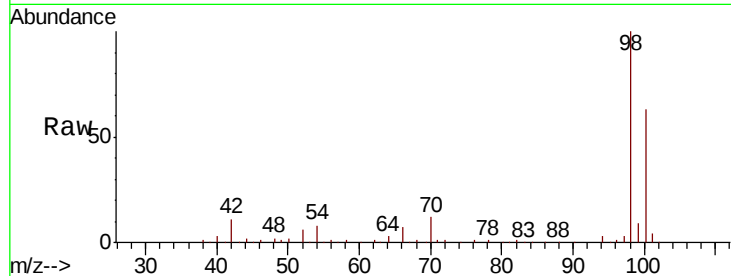




#50
Toluene-d8
Concen: 42.066 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007417.D
Acq: 12 Dec 2018 02:38

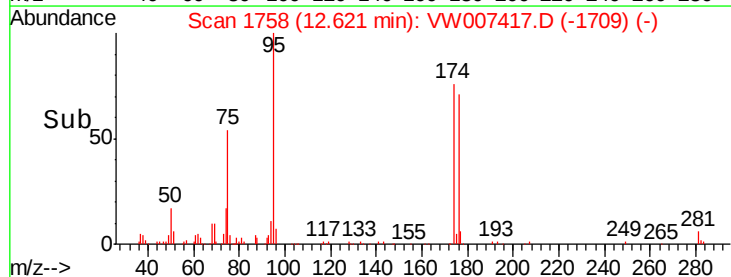
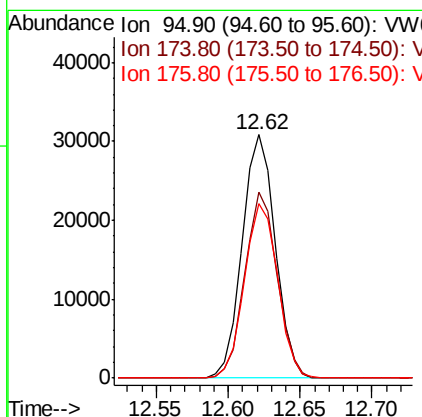
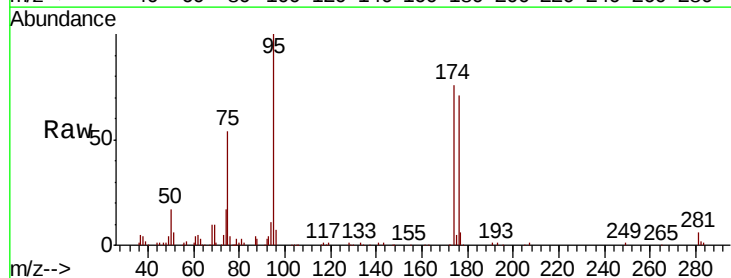
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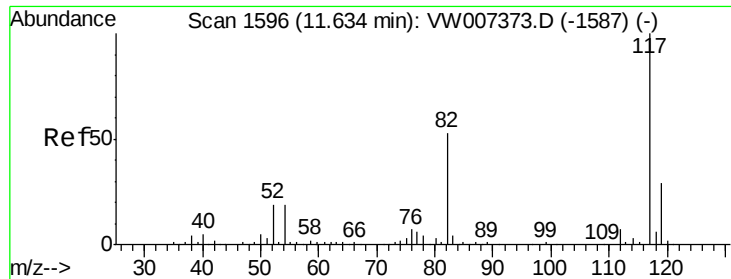
Tgt Ion: 98 Resp: 117760
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.530 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007417.D
Acq: 12 Dec 2018 02:38

Tgt Ion: 95 Resp: 48921
Ion Ratio Lower Upper
95 100
174 75.1 0.0 147.2
176 72.3 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: VW007417.D

Acq: 12 Dec 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

BF-03-120418

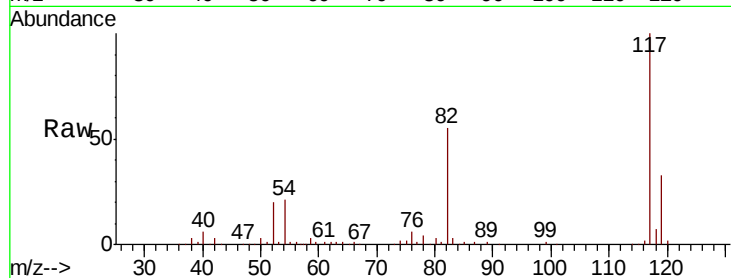
Tgt Ion:117 Resp: 118479

Ion Ratio Lower Upper

117 100

82 55.2 42.3 63.5

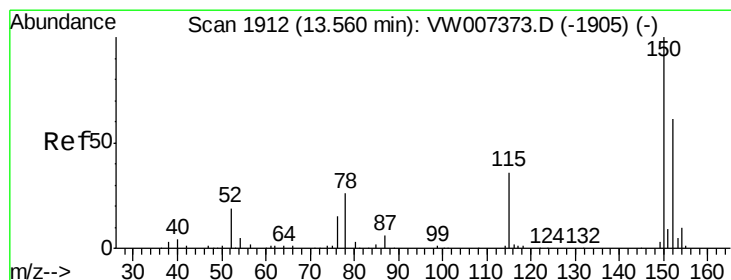
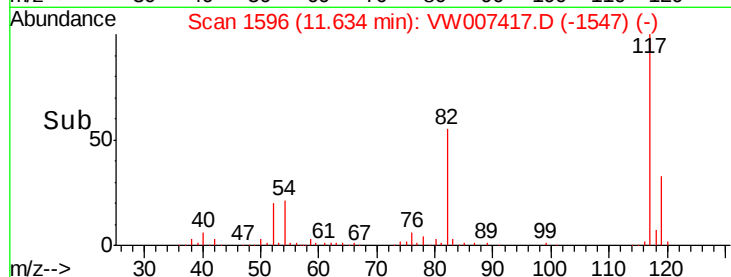
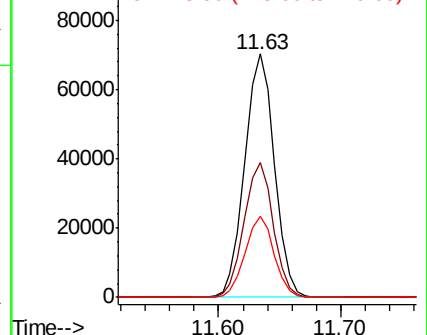
119 33.3 23.0 34.6



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: VW007417.D

Acq: 12 Dec 2018 02:38

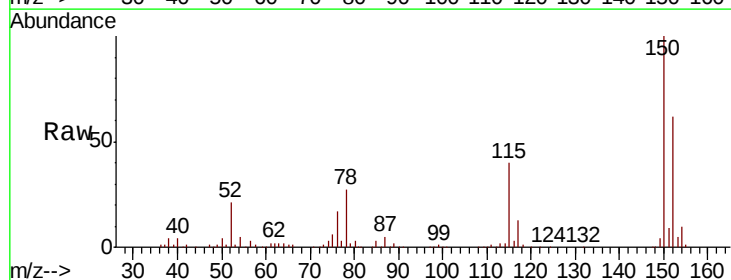
Tgt Ion:152 Resp: 59054

Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.2

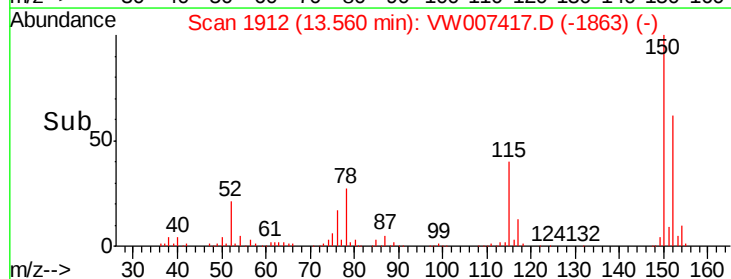
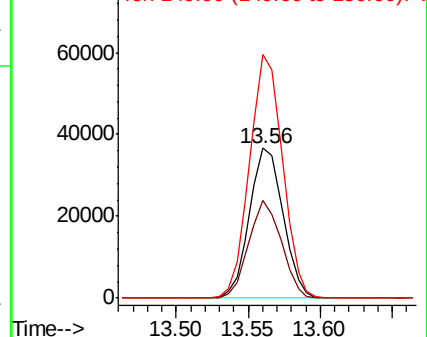
150 159.5 0.0 358.4

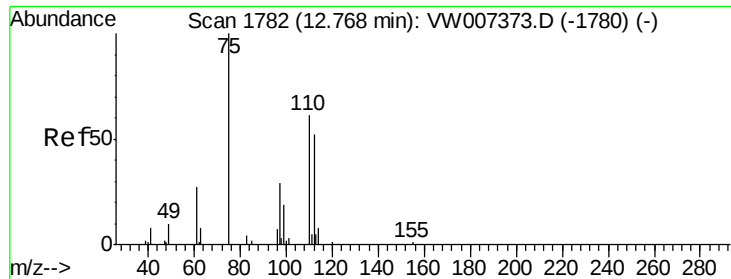


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 51.955 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007417.D

Acq: 12 Dec 2018 02:38

Instrument :

MSVOA_W

ClientSampleId :

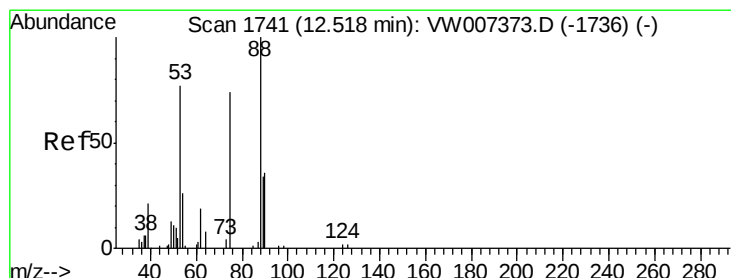
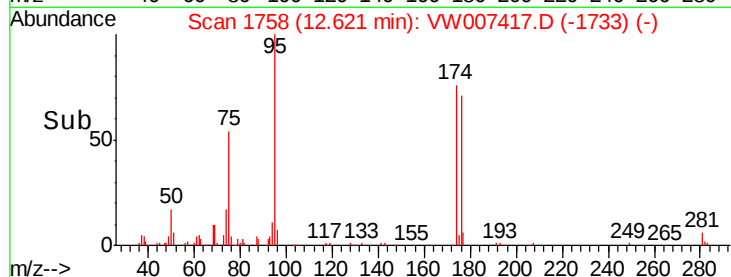
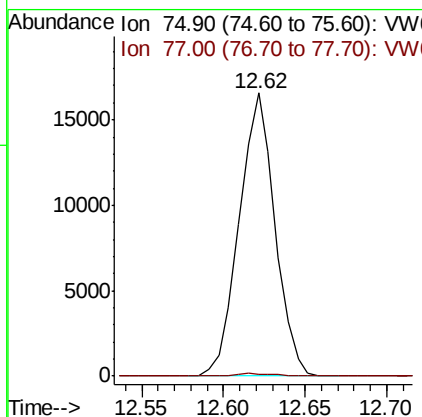
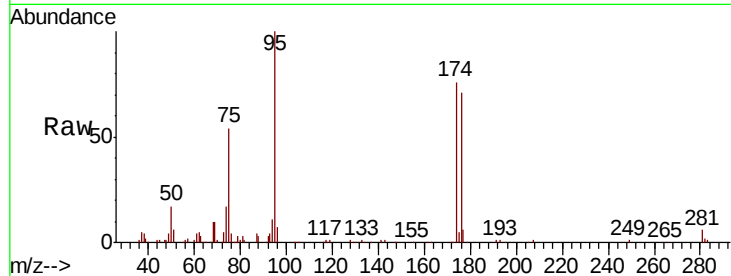
BF-03-120418

Tgt Ion: 75 Resp: 25298

Ion Ratio Lower Upper

75 100

77 0.9 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.770 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007417.D

Acq: 12 Dec 2018 02:38

Tgt Ion: 75 Resp: 25298

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

