

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007453.D
 Acq On : 12 Dec 2018 22:21
 Operator : SY/AP
 Sample : J6275-01RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-01-120418RE

Quant Time: Dec 13 04:21:11 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	80094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	138661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	126630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	36836	41.45	ug/l	0.00
Spiked Amount						
			Recovery	=	82.90%	
35) Dibromofluoromethane	7.88	113	34730	41.38	ug/l	0.00
Spiked Amount						
			Recovery	=	82.76%	
50) Toluene-d8	10.32	98	121101	38.48	ug/l	0.00
Spiked Amount						
			Recovery	=	76.96%	
62) 4-Bromofluorobenzene	12.62	95	48117	41.58	ug/l	0.00
Spiked Amount						
			Recovery	=	83.16%	

Target Compounds

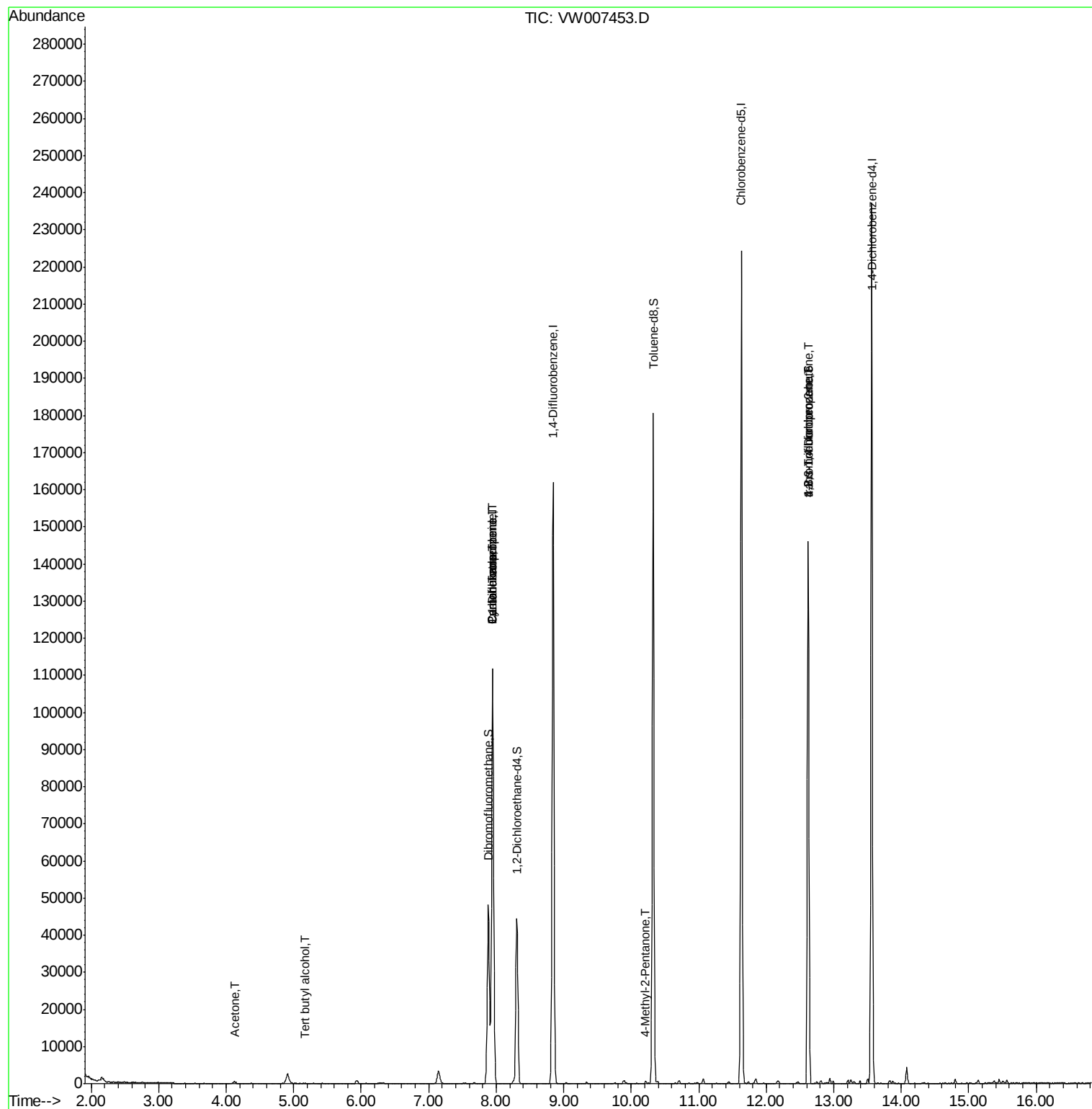
					Qvalue	
11) Tert butyl alcohol	5.17	59	71	1.163	ug/l #	74
16) Acetone	4.12	43	1150	7.409	ug/l #	86
20) Methylene Chloride	4.92	84	2240	Below Cal	#	94
31) Cyclohexane	7.95	56	1886	1.366	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	6433	5.086	ug/l #	48
38) Carbon Tetrachloride	7.95	117	8557	6.217	ug/l #	19
51) 4-Methyl-2-Pentanone	10.21	43	501	1.141	ug/l #	85
76) 1,2,3-Trichloropropane	12.62	75	24986	48.335	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	24986	106.773	ug/l #	7

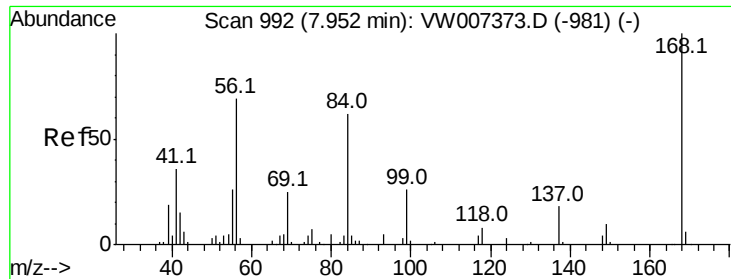
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
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Quant Time: Dec 13 04:21:11 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: VW007453.D

Acq: 12 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

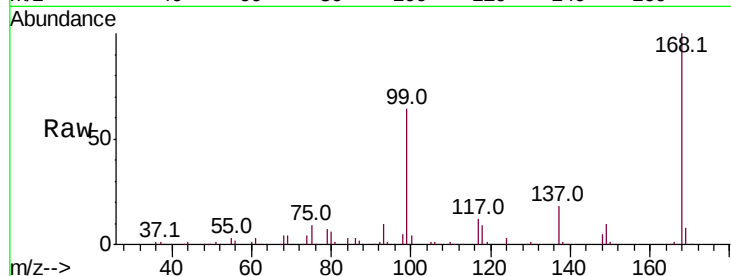
BF-01-120418RE

Tot Ion:168 Resp: 80094

Ion Ratio Lower Upper

168 100

99 64.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

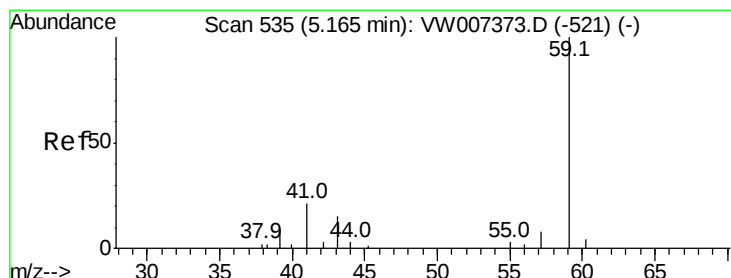
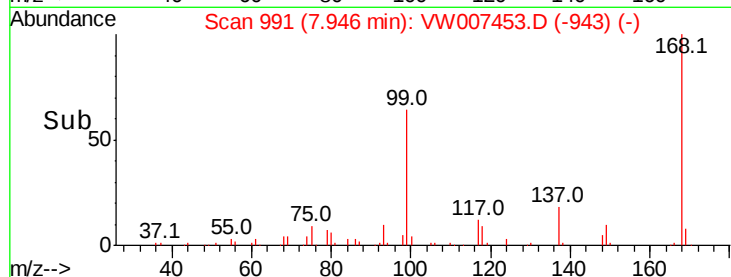
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.163 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW007453.D

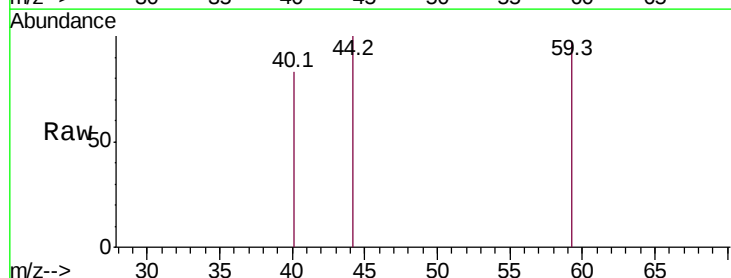
Acq: 12 Dec 2018 22:21

Tgt Ion: 59 Resp: 71

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

100

80

60

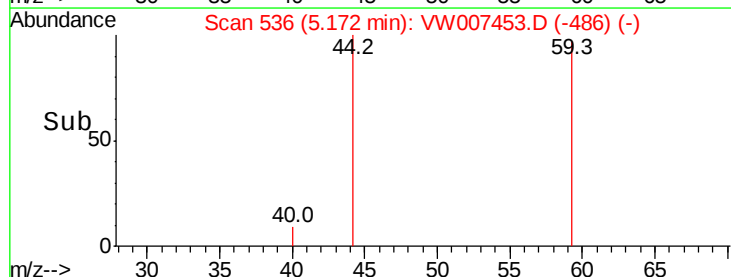
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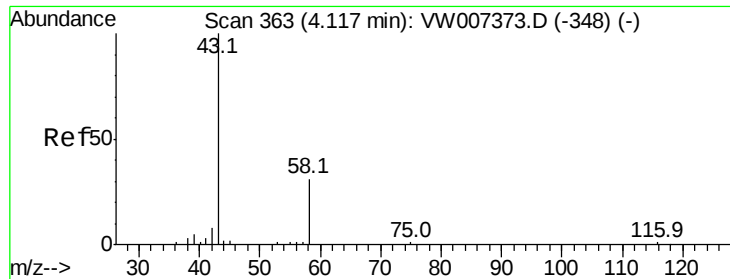
20

0

Time-->

5.16 5.18 5.20





#16

Acetone

Concen: 7.409 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007453.D

Acq: 12 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

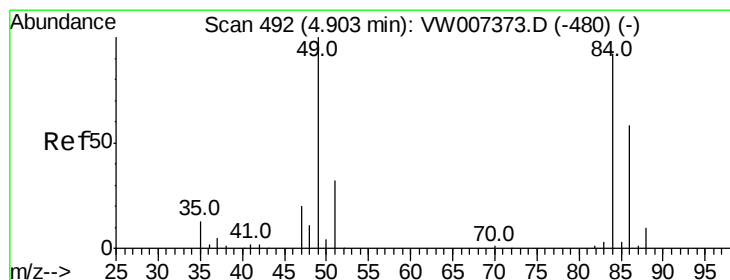
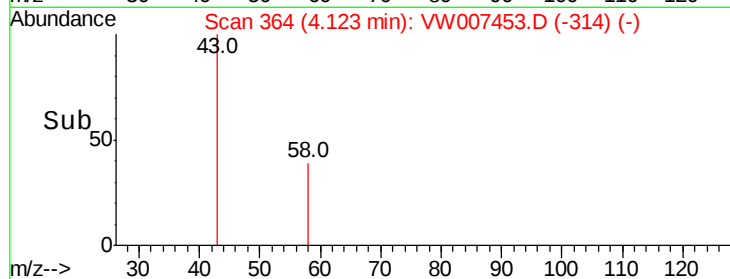
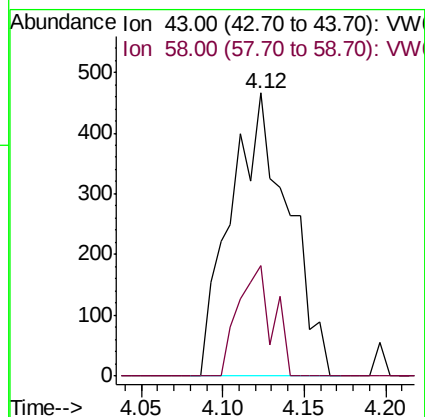
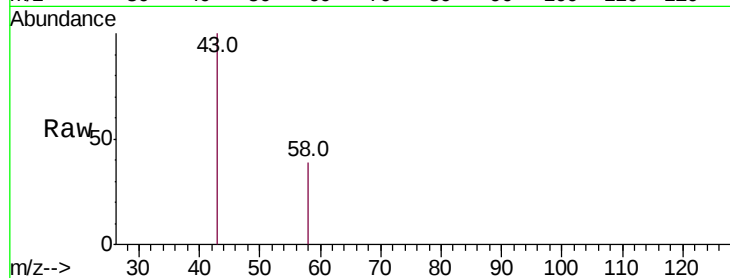
BF-01-120418RE

Tot Ion: 43 Resp: 1150

Ion Ratio Lower Upper

43 100

58 38.8 24.9 37.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007453.D

Acq: 12 Dec 2018 22:21

Tgt Ion: 84 Resp: 2240

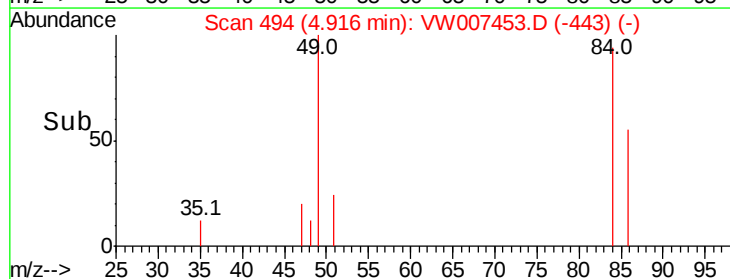
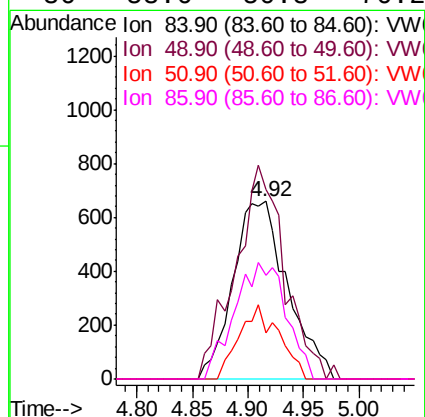
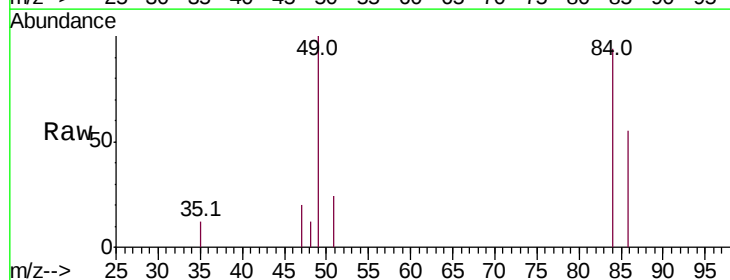
Ion Ratio Lower Upper

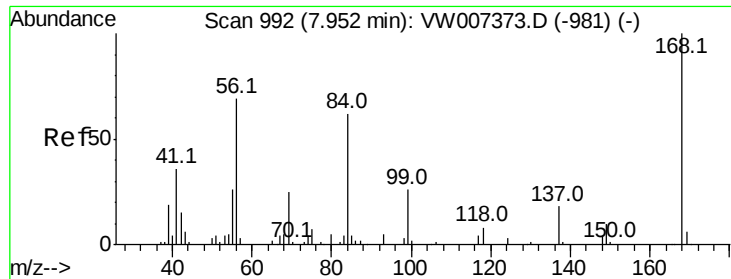
84 100

49 106.7 87.1 130.7

51 25.8 28.2 42.2#

86 58.6 50.8 76.2

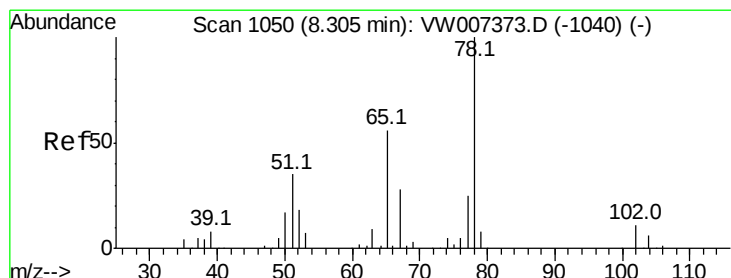
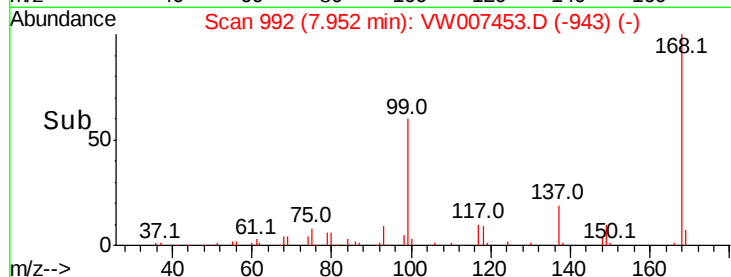
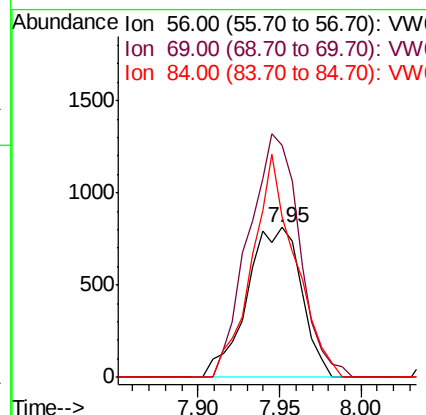
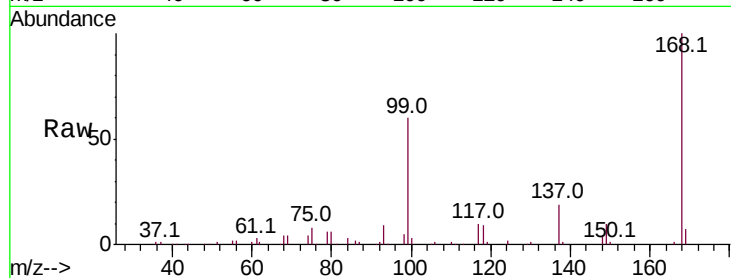




#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007453.D
Acq: 12 Dec 2018 22:21

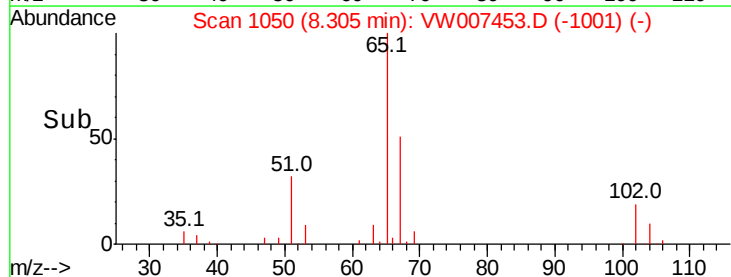
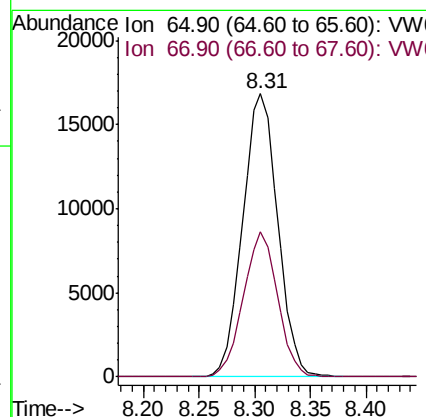
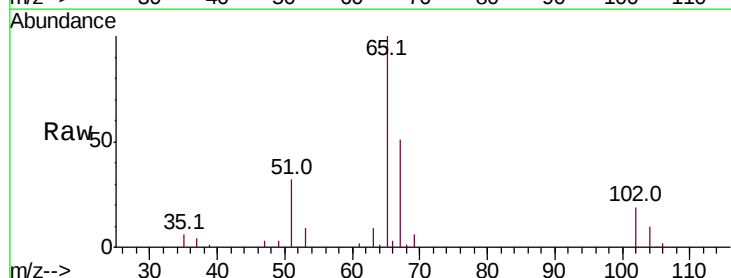
Instrument :
MSVOA_W
ClientSampleId :
BF-01-120418RE

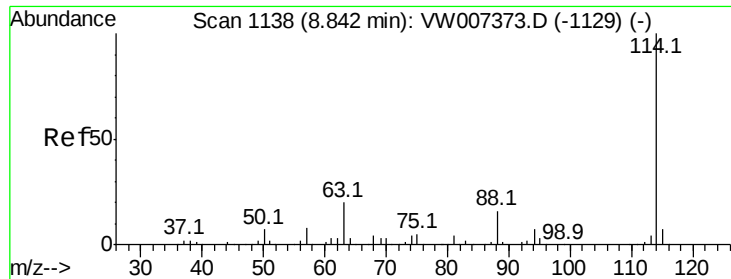
Tot Ion: 56 Resp: 1886
Ion Ratio Lower Upper
56 100
69 155.3 28.9 43.3#
84 107.4 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 41.455 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007453.D
Acq: 12 Dec 2018 22:21

Tgt Ion: 65 Resp: 36836
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.6

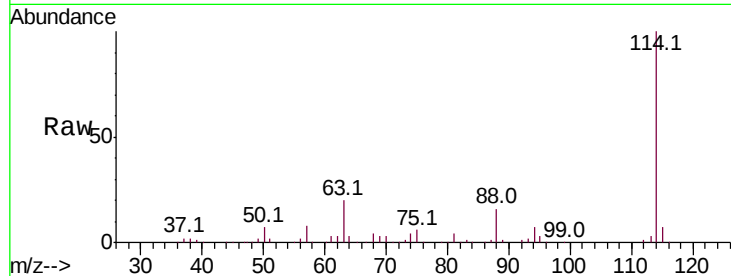




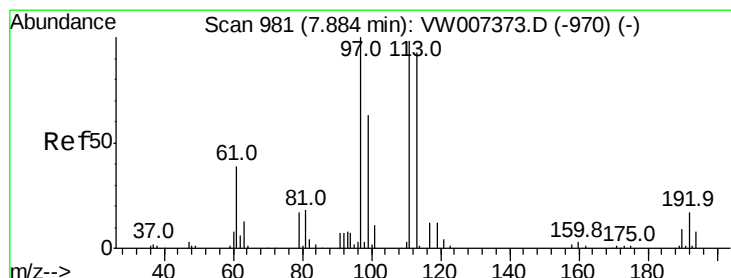
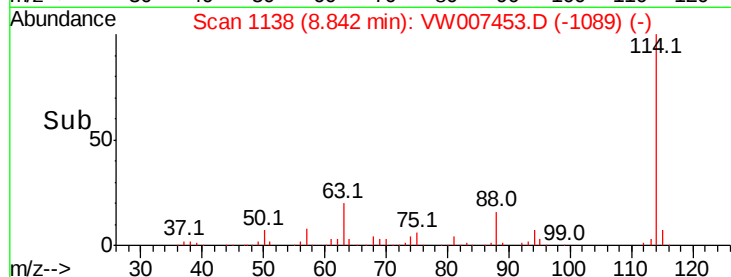
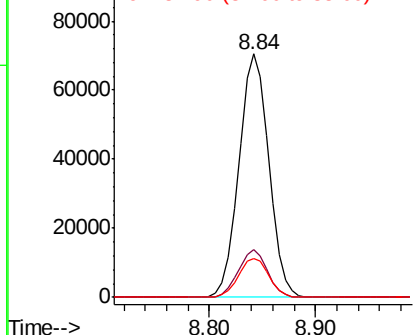
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007453.D
 Acq: 12 Dec 2018 22:21

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-01-120418RE

Tot Ion:	114	Resp:	138661
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.0	0.0	31.4

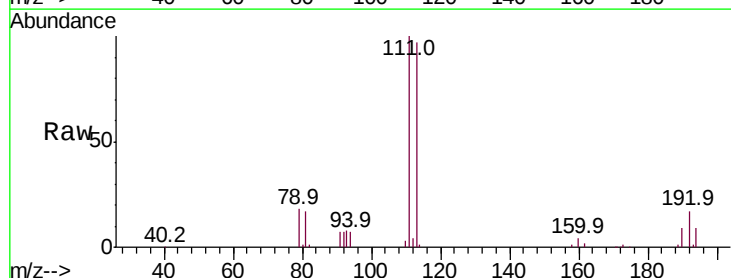


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

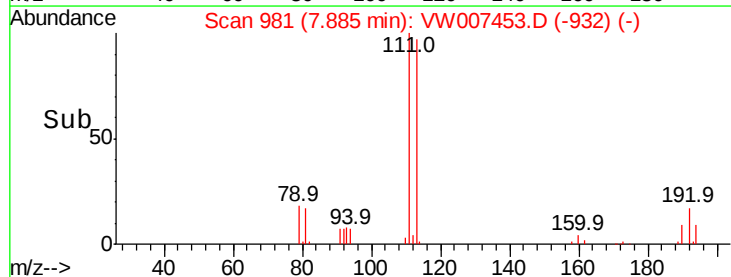
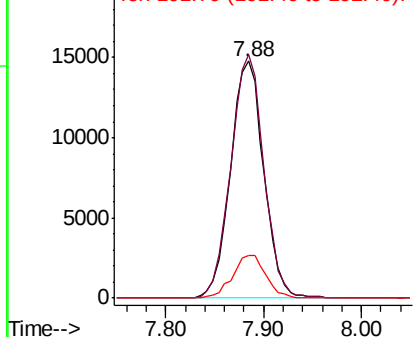


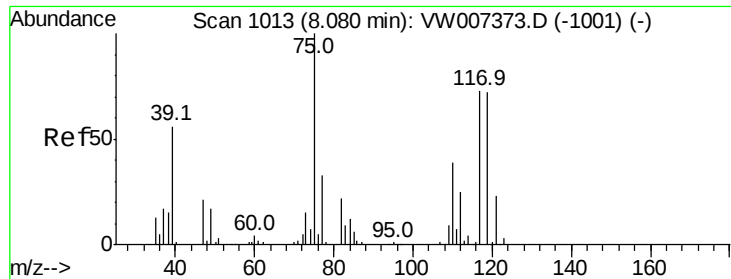
#35
 Dibromofluoromethane
 Concen: 41.376 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007453.D
 Acq: 12 Dec 2018 22:21

Tgt Ion:	113	Resp:	34730
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	17.9	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

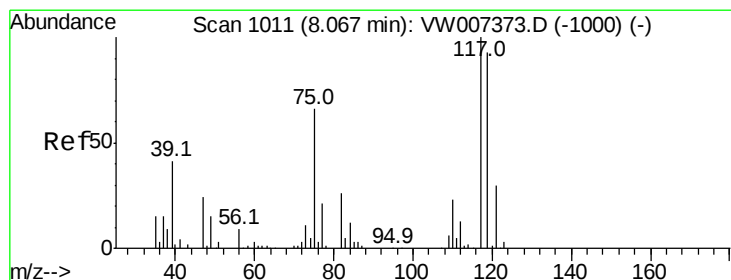
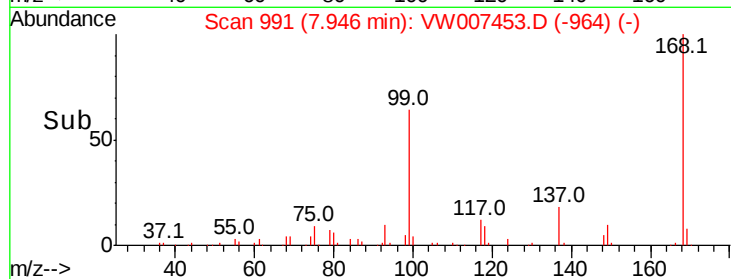
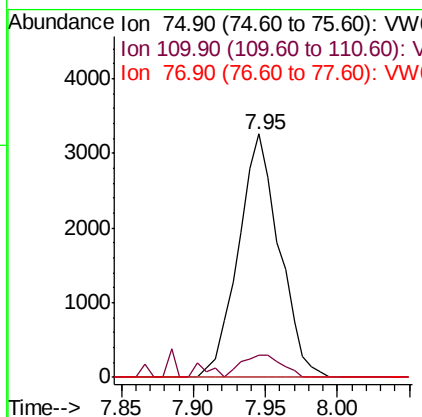
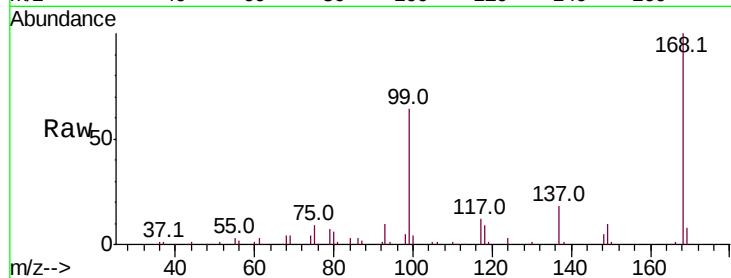




#36
 1,1-Dichloropropene
 Concen: 5.086 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007453.D
 Acq: 12 Dec 2018 22:21

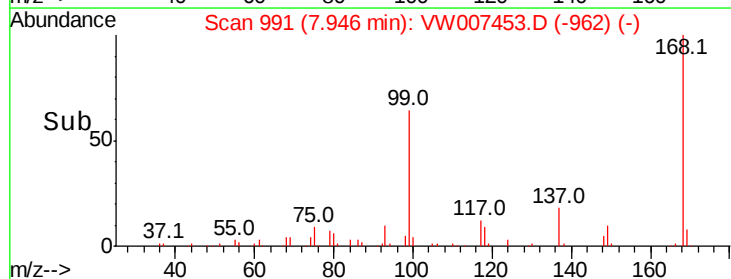
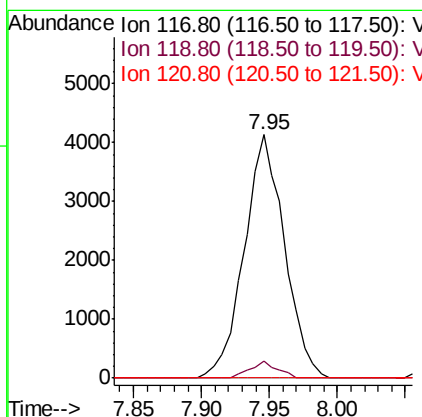
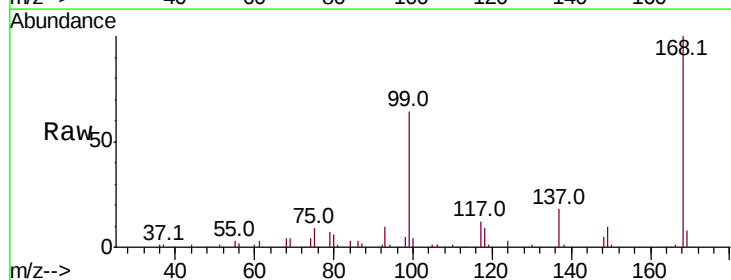
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-01-120418RE

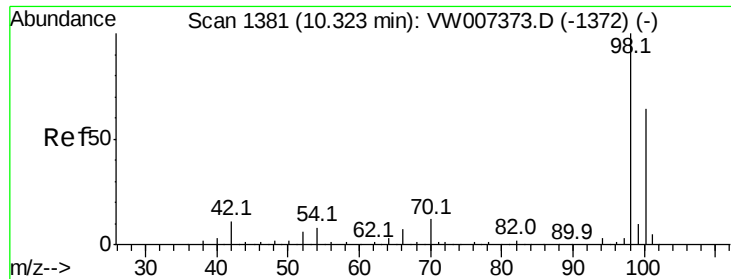
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.217 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007453.D
 Acq: 12 Dec 2018 22:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 38.479 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007453.D

Acq: 12 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

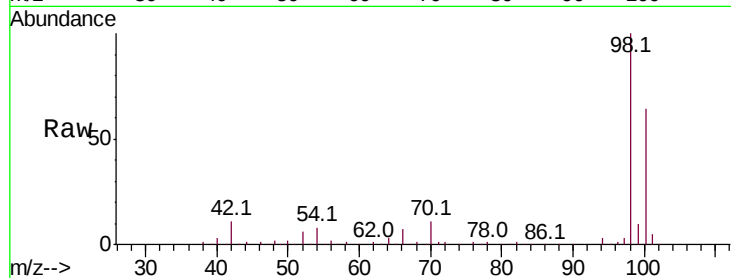
BF-01-120418RE

Tot Ion: 98 Resp: 121101

Ion Ratio Lower Upper

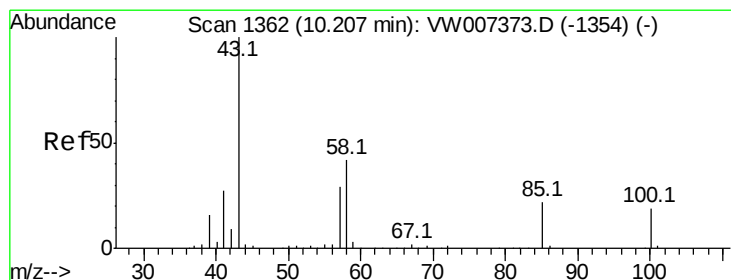
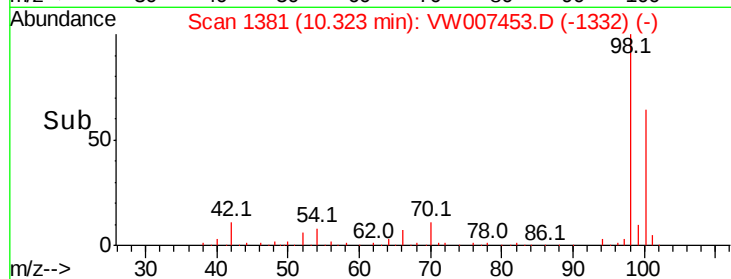
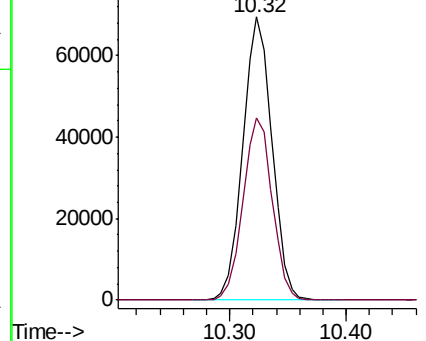
98 100

100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.141 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007453.D

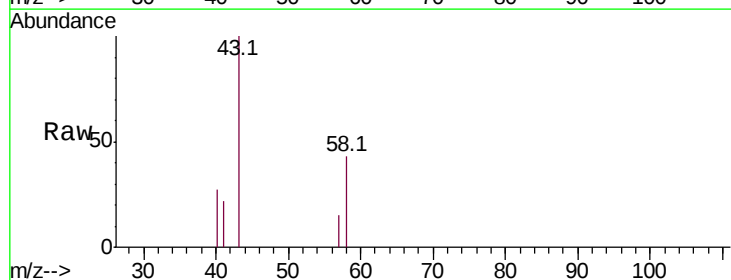
Acq: 12 Dec 2018 22:21

Tgt Ion: 43 Resp: 501

Ion Ratio Lower Upper

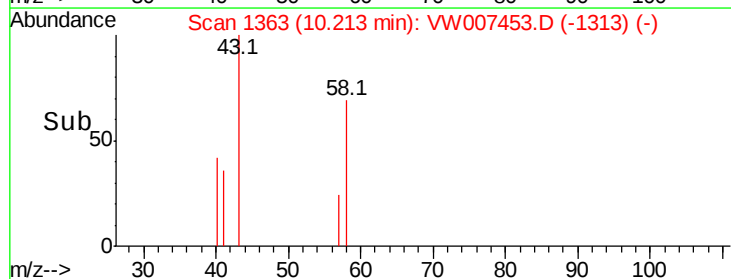
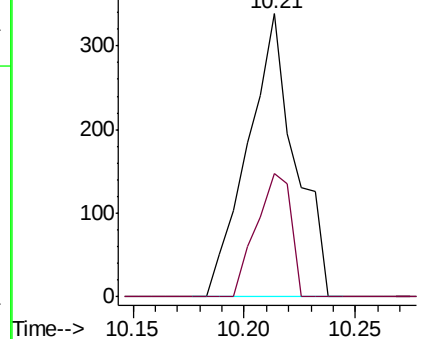
43 100

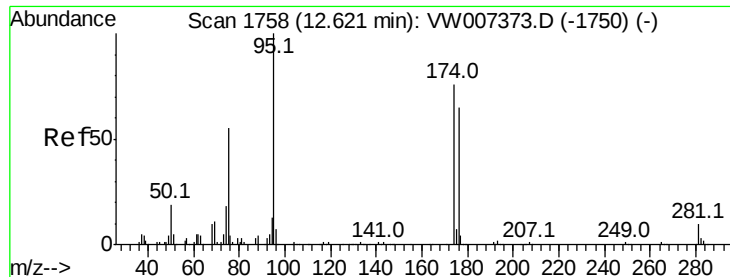
58 32.1 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

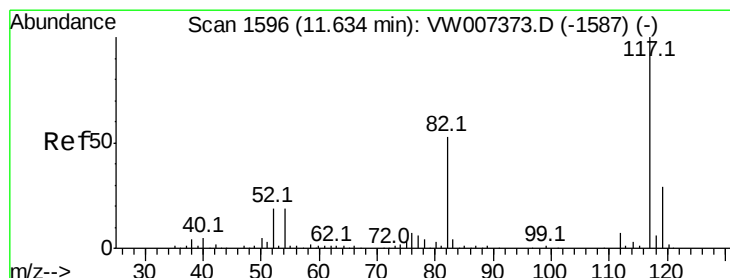
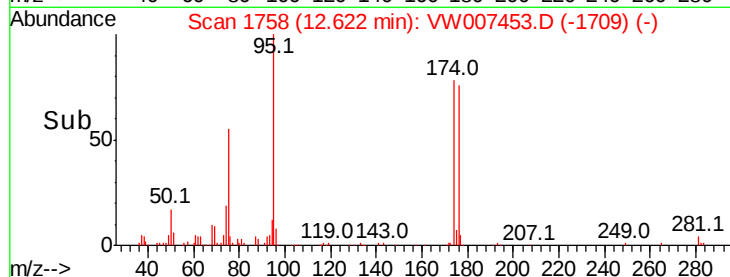
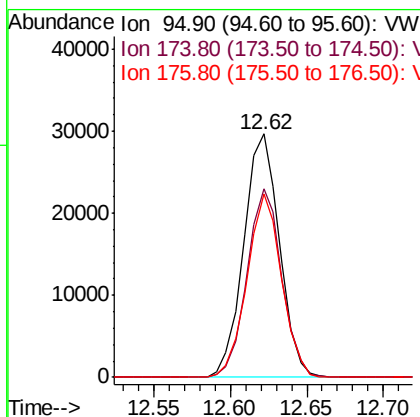
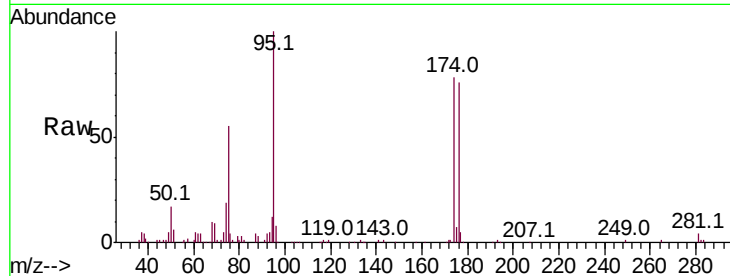




#62
4-Bromofluorobenzene
Concen: 41.583 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007453.D
Acq: 12 Dec 2018 22:21

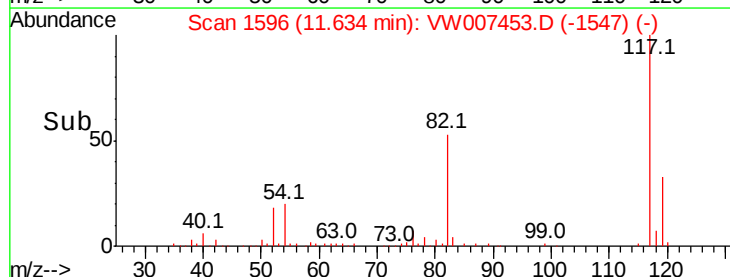
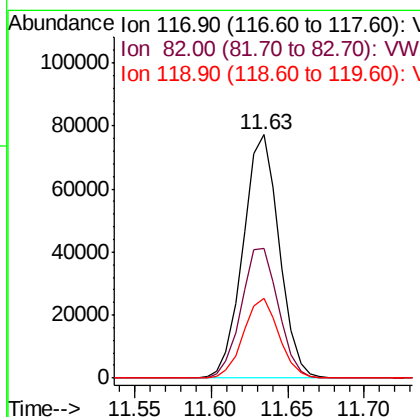
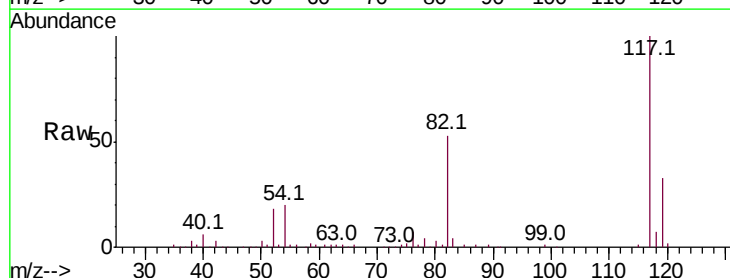
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MSVOA_W
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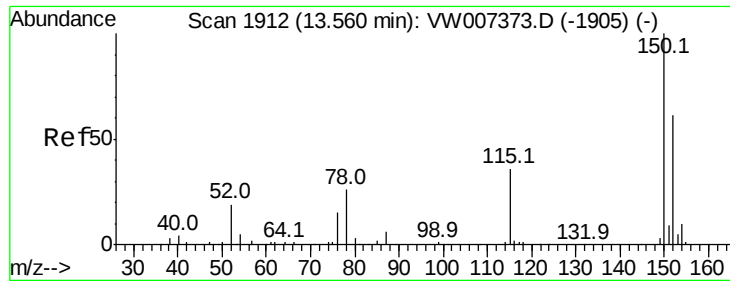
Tot Ion	95	Resp	48117
Ion Ratio	Lower	Upper	
95	100		
174	75.5	0.0	147.2
176	72.6	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007453.D
Acq: 12 Dec 2018 22:21

Tgt Ion	117	Resp	126630
Ion Ratio	Lower	Upper	
117	100		
82	53.3	42.3	63.5
119	32.5	23.0	34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007453.D

Acq: 12 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

BF-01-120418RE

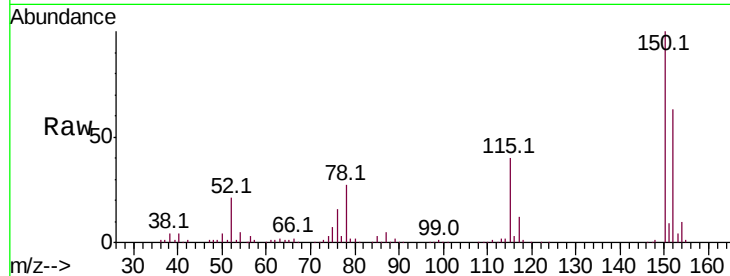
Tot Ion:152 Resp: 62694

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

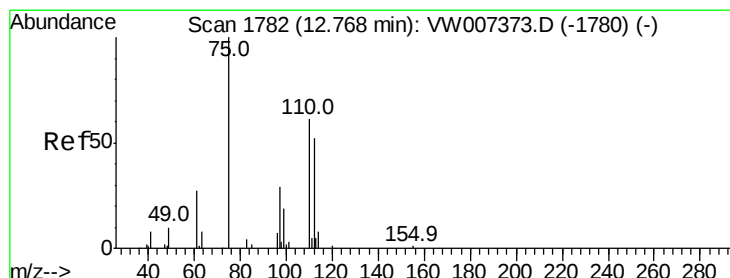
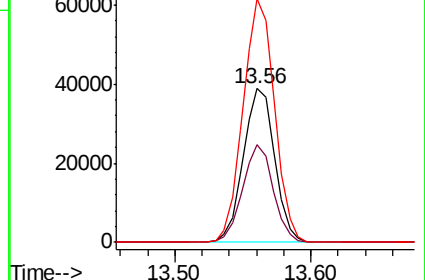
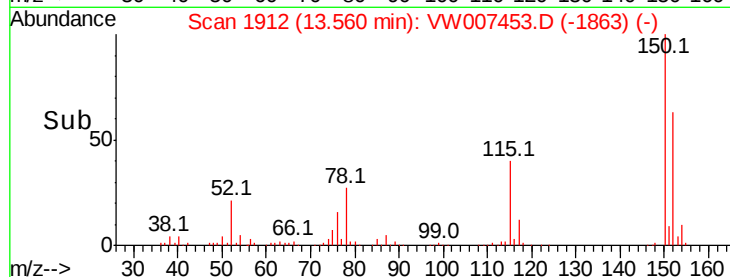
150 158.6 0.0 358.4



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: 48.335 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007453.D

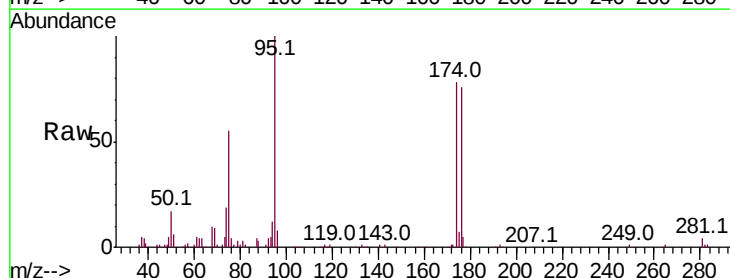
Acq: 12 Dec 2018 22:21

Tgt Ion: 75 Resp: 24986

Ion Ratio Lower Upper

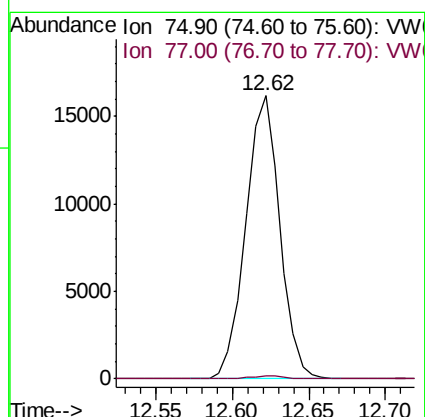
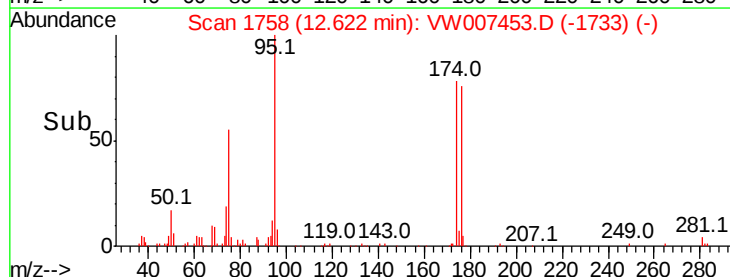
75 100

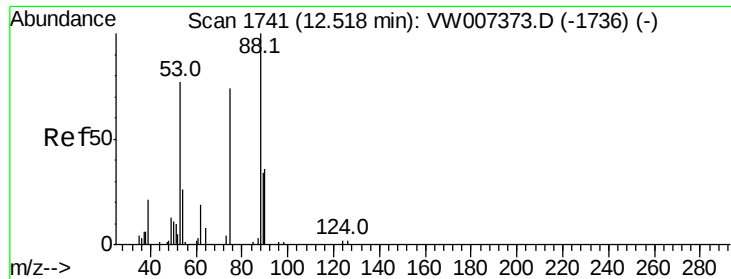
77 1.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 106.773 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007453.D

Acq: 12 Dec 2018 22:21

Instrument :

MSVOA_W

ClientSampleId :

BF-01-120418RE

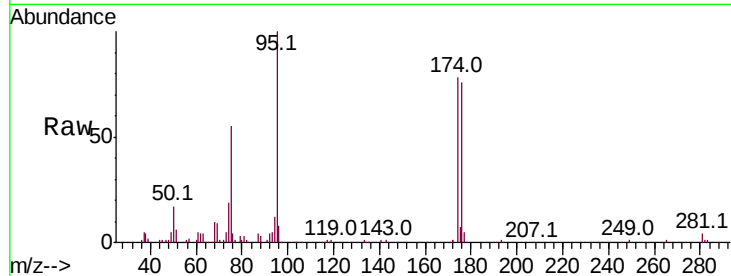
Tot Ion: 75 Resp: 24986

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

