

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007455.D
 Acq On : 12 Dec 2018 23:13
 Operator : SY/AP
 Sample : J6275-03RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-03-120418RE

Quant Time: Dec 13 04:21:27 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	68987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	59262	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	36045	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
35) Dibromofluoromethane	7.88	113	32884	44.14	ug/l	0.00
Spiked Amount			Recovery	=	88.28%	
50) Toluene-d8	10.32	98	108741	38.93	ug/l	0.00
Spiked Amount			Recovery	=	77.86%	
62) 4-Bromofluorobenzene	12.62	95	45070	43.89	ug/l	0.00
Spiked Amount			Recovery	=	87.78%	

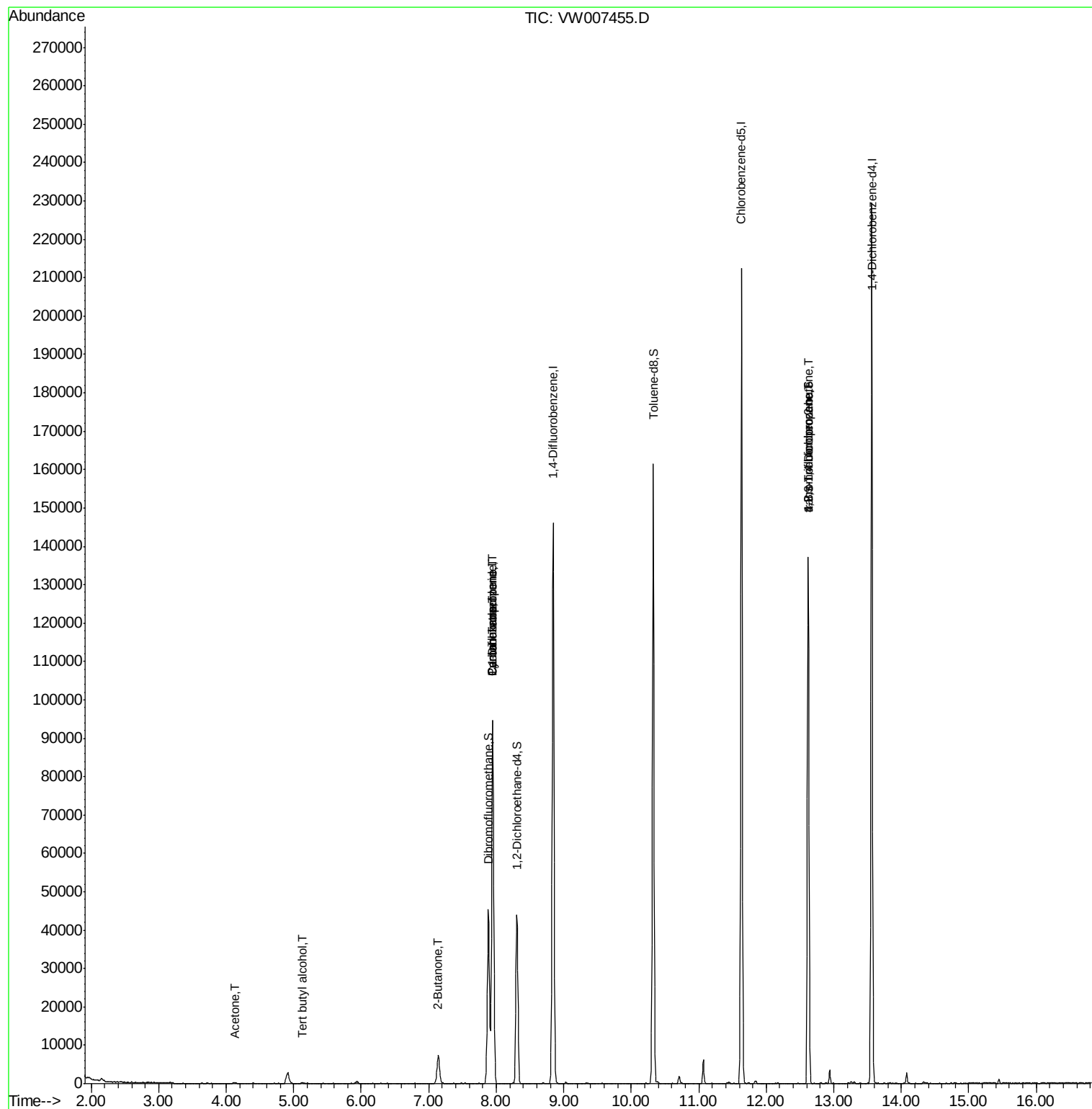
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	83	1.579	ug/l #	74
16) Acetone	4.12	43	517	3.867	ug/l #	44
20) Methylene Chloride	4.92	84	2497	Below Cal	#	87
25) 2-Butanone	7.14	43	303	1.736	ug/l #	45
31) Cyclohexane	7.95	56	1427	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5259	4.685	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7265	5.948	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	23394	47.877	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23394	105.760	ug/l #	7

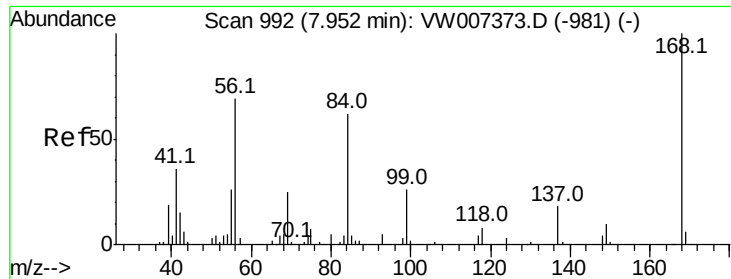
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

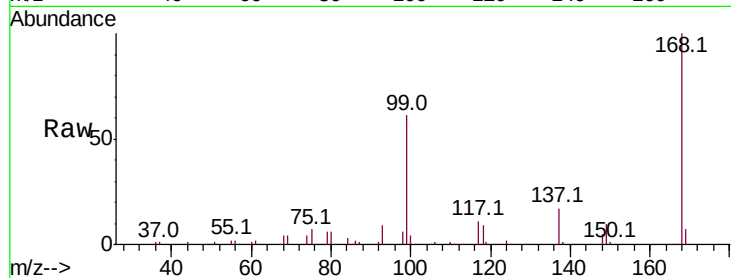
BF-03-120418RE

Tot Ion:168 Resp: 68987

Ion Ratio Lower Upper

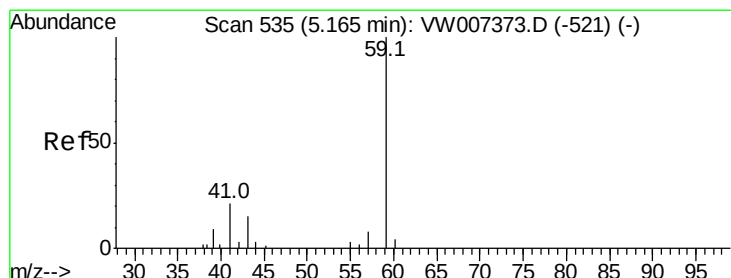
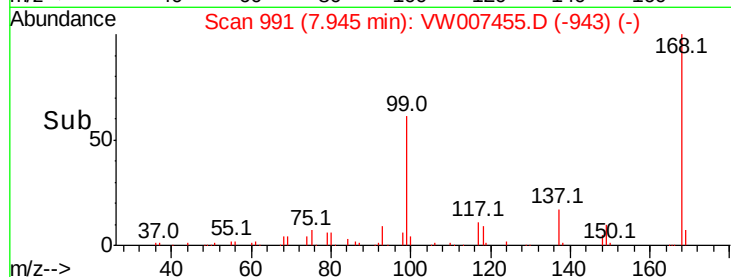
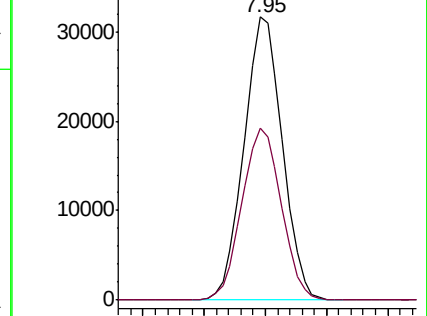
168 100

99 60.7 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: 1.579 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW007455.D

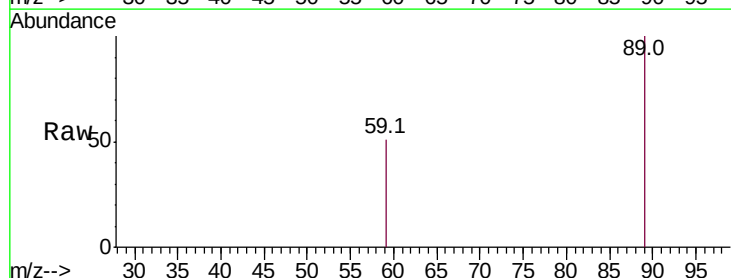
Acq: 12 Dec 2018 23:13

Tgt Ion: 59 Resp: 83

Ion Ratio Lower Upper

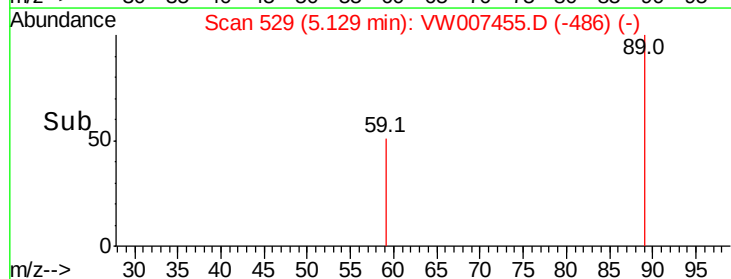
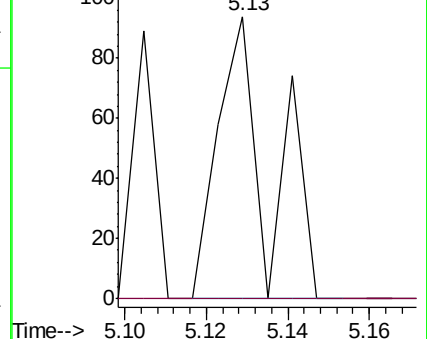
59 100

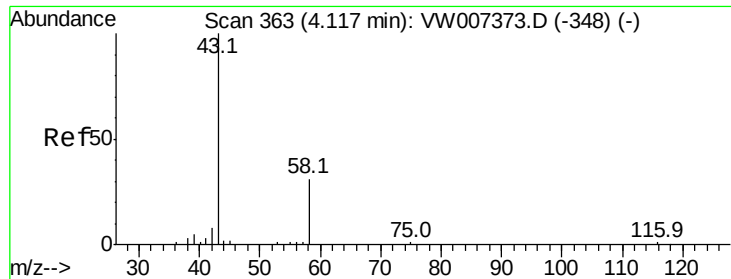
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 3.867 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

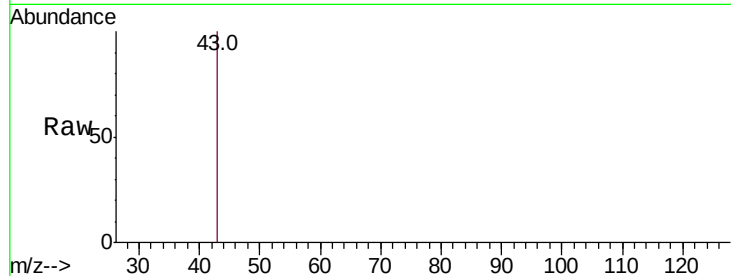
BF-03-120418RE

Tot Ion: 43 Resp: 517

Ion Ratio Lower Upper

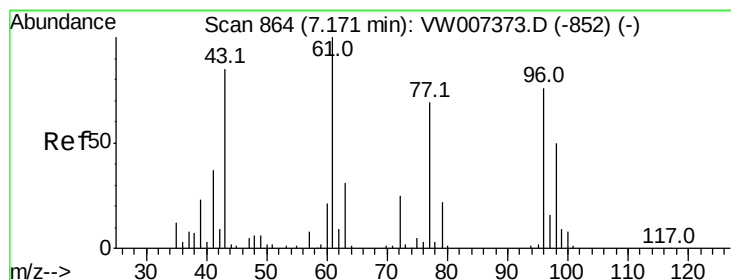
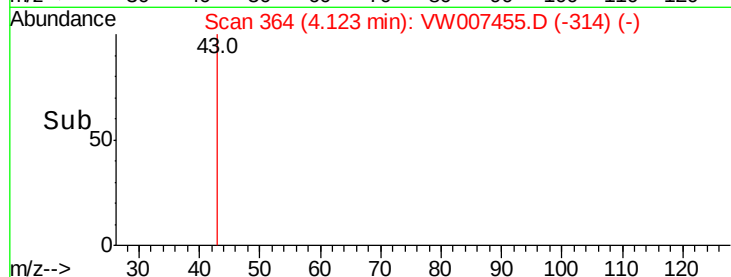
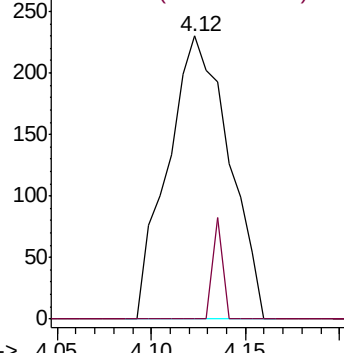
43 100

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



#25

2-Butanone

Concen: 1.736 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007455.D

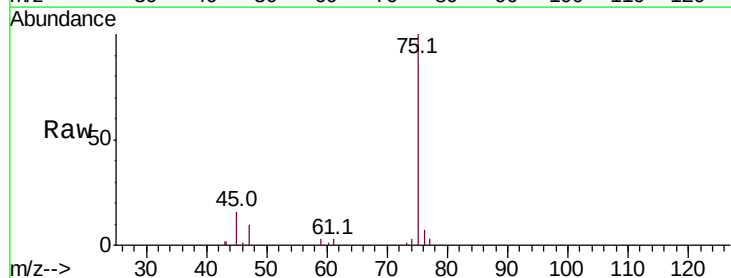
Acq: 12 Dec 2018 23:13

Tgt Ion: 43 Resp: 303

Ion Ratio Lower Upper

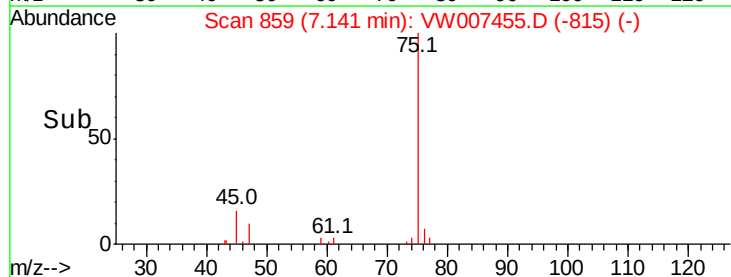
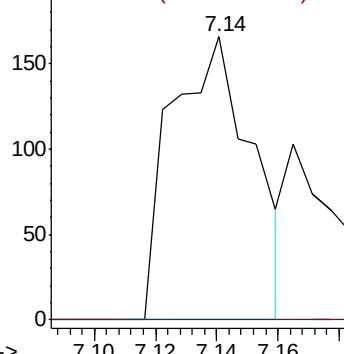
43 100

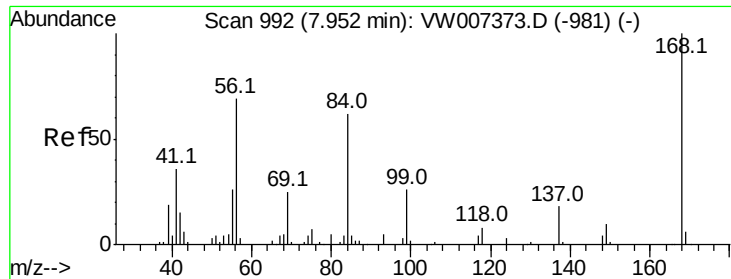
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

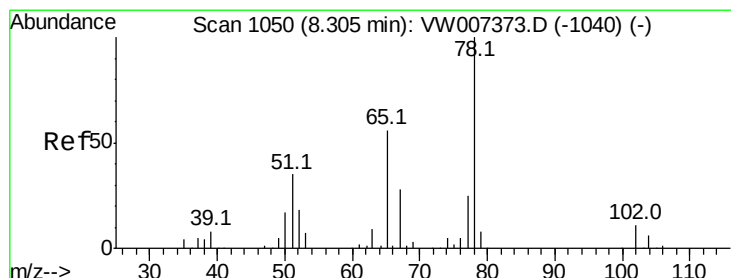
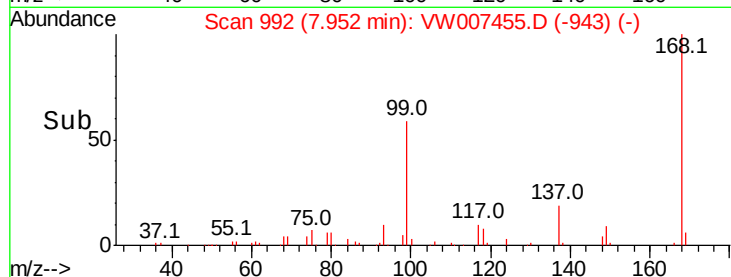
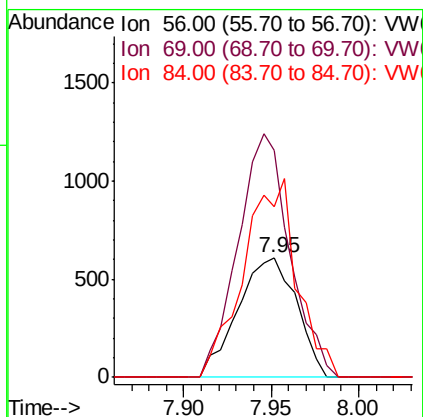
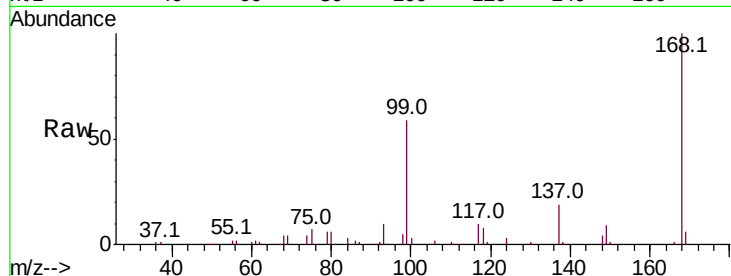




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007455.D
Acq: 12 Dec 2018 23:13

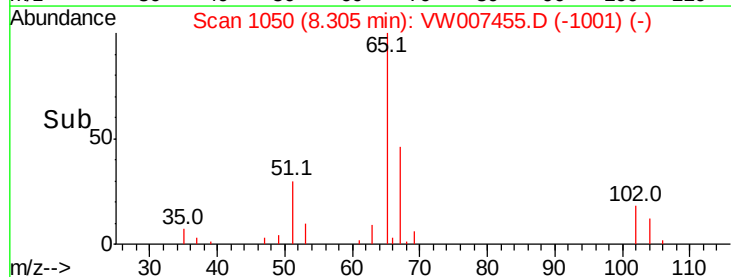
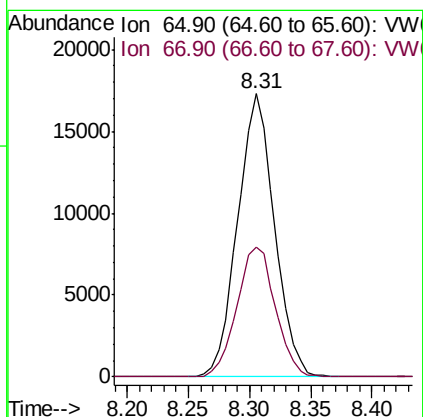
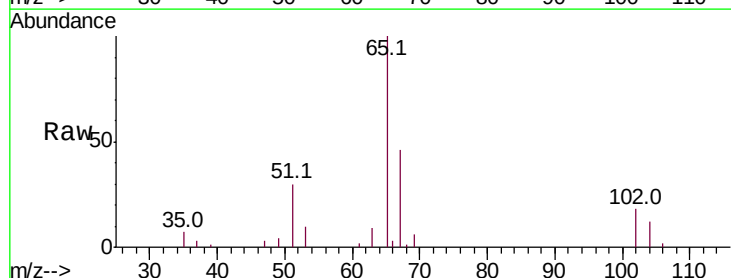
Instrument :
MSVOA_W
ClientSampleId :
BF-03-120418RE

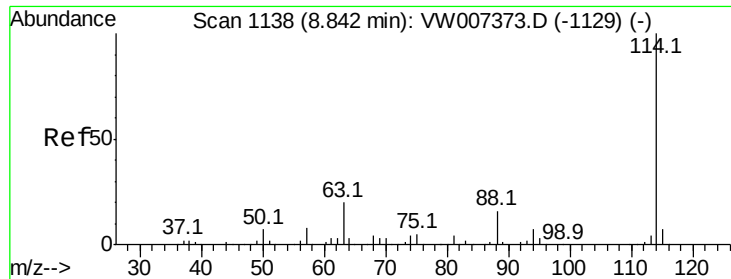
Tot Ion: 56 Resp: 1427
Ion Ratio Lower Upper
56 100
69 190.0 28.9 43.3#
84 142.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.096 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007455.D
Acq: 12 Dec 2018 23:13

Tgt Ion: 65 Resp: 36045
Ion Ratio Lower Upper
65 100
67 47.9 0.0 101.6

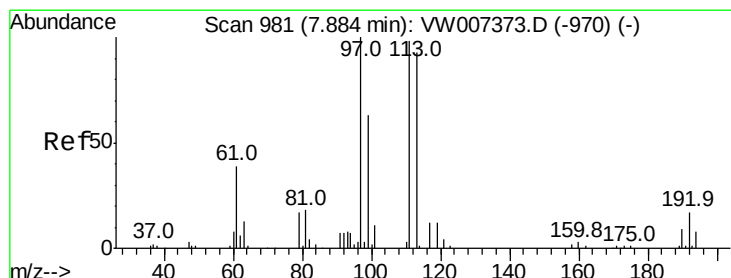
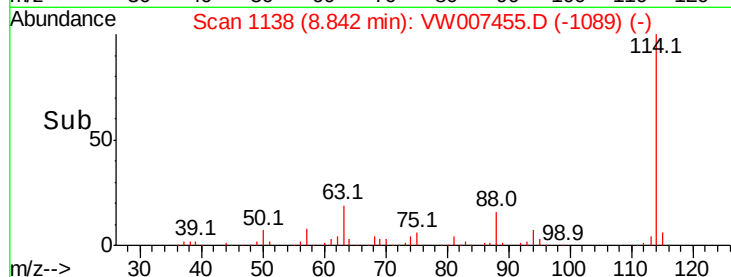
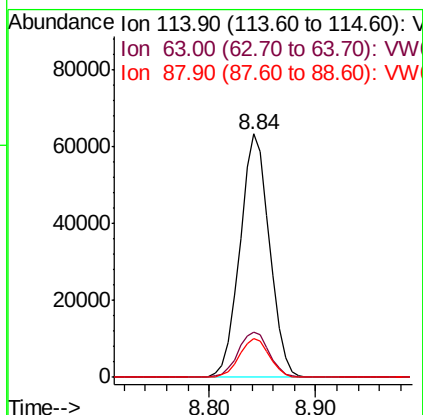
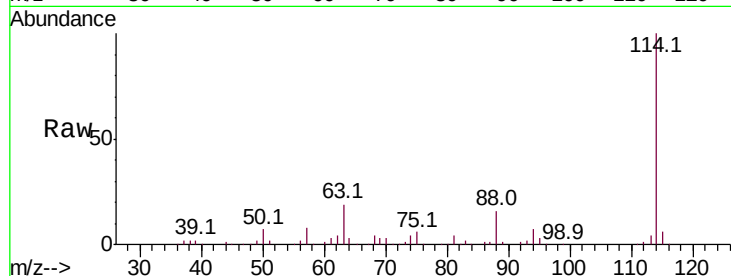




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007455.D
 Acq: 12 Dec 2018 23:13

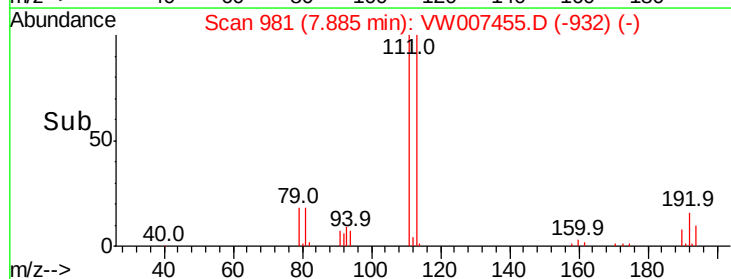
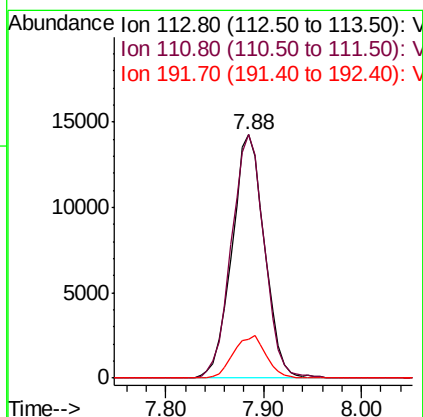
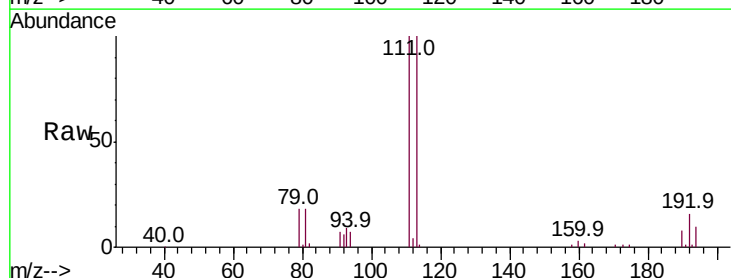
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-03-120418RE

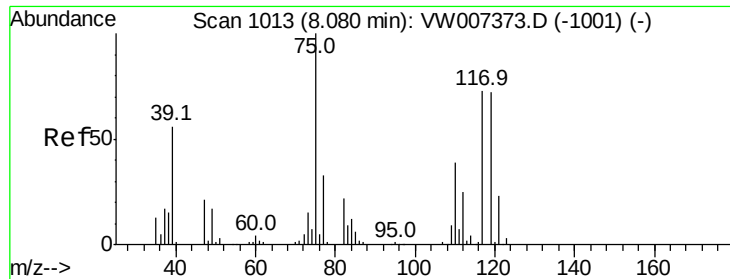
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.6
88	16.1	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 44.145 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007455.D
 Acq: 12 Dec 2018 23:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	17.5	14.6	21.8

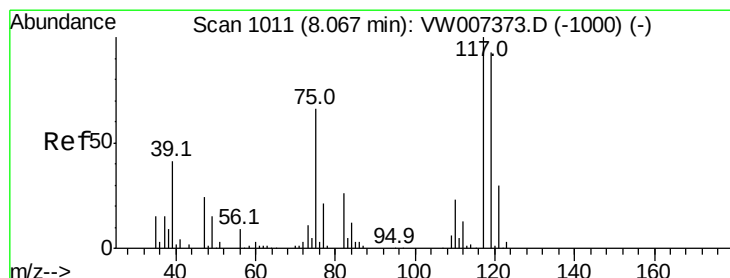
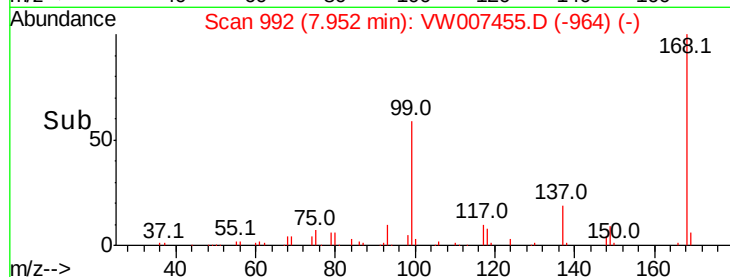
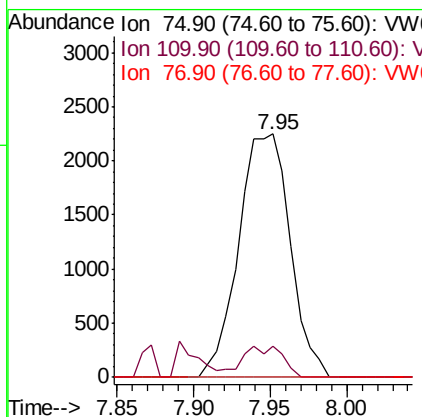
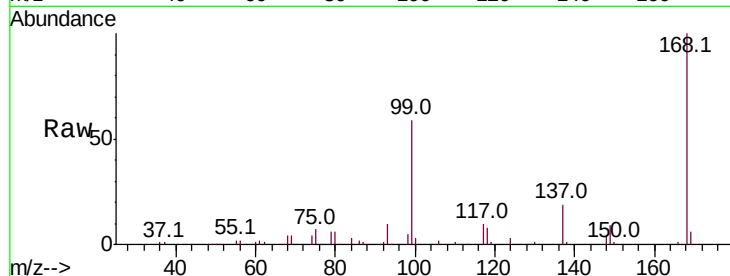




#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007455.D
 Acq: 12 Dec 2018 23:13

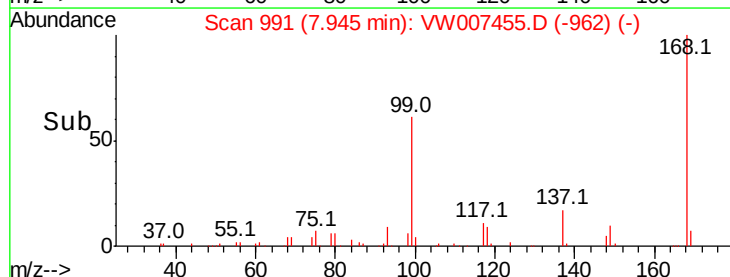
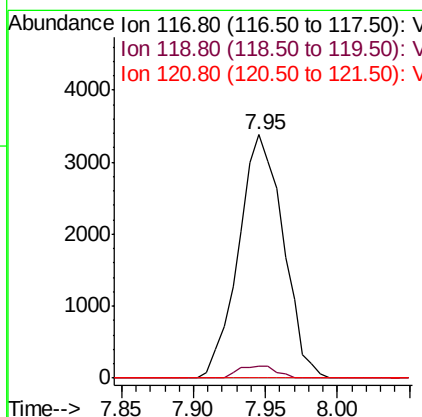
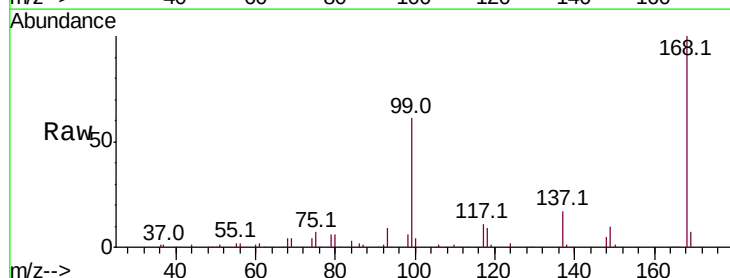
Instrument :
 MSVOA_W
 ClientSampleId :
 BF-03-120418RE

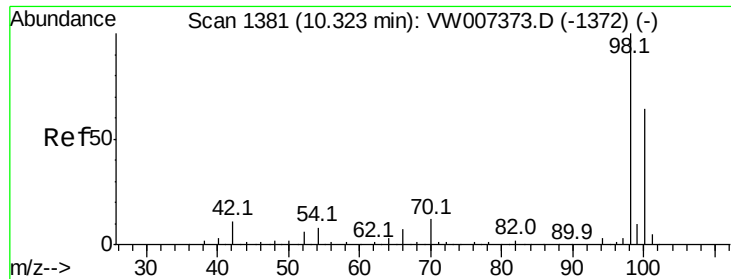
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.948 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007455.D
 Acq: 12 Dec 2018 23:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 38.933 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

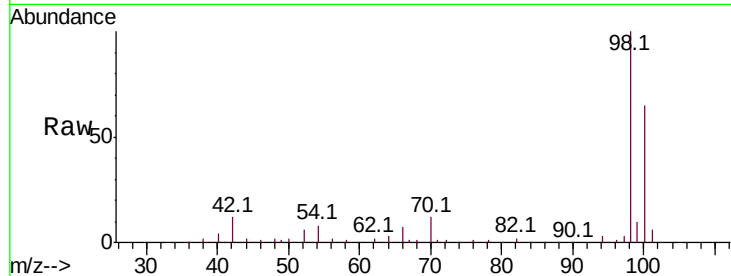
BF-03-120418RE

Tot Ion: 98 Resp: 108741

Ion Ratio Lower Upper

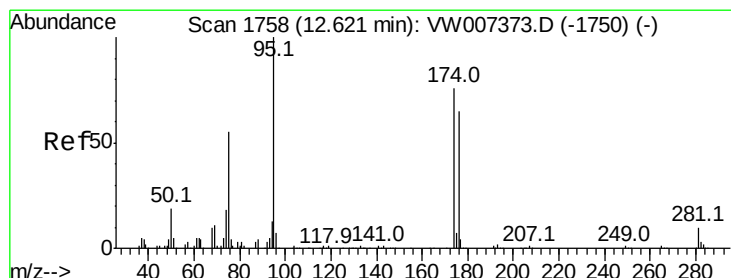
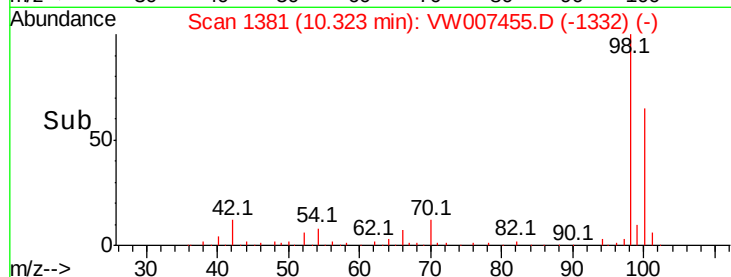
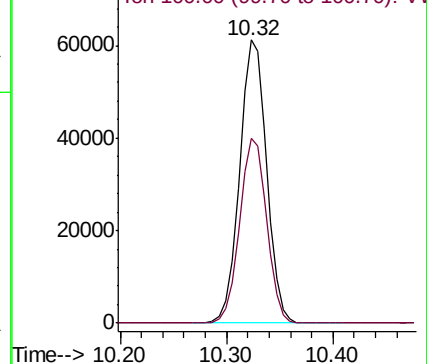
98 100

100 65.4 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: 43.889 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

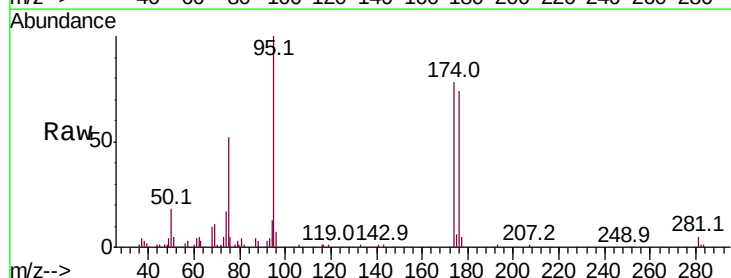
Tgt Ion: 95 Resp: 45070

Ion Ratio Lower Upper

95 100

174 76.1 0.0 147.2

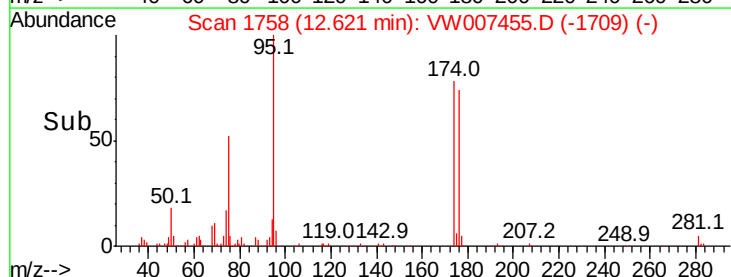
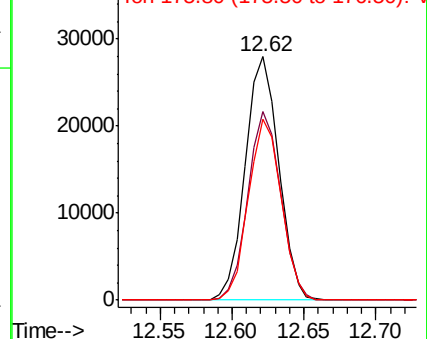
176 72.8 0.0 138.8

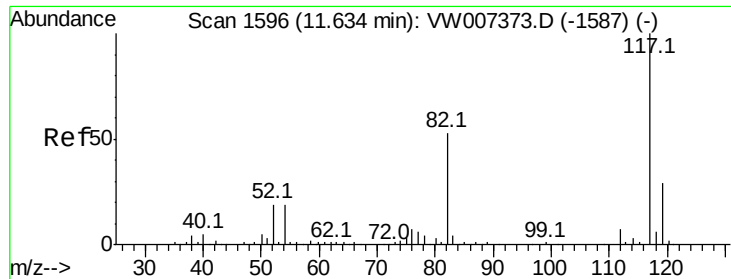


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

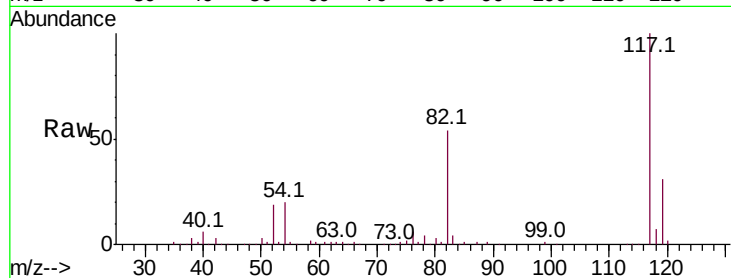




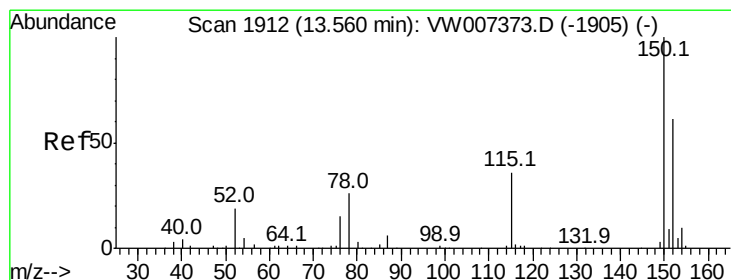
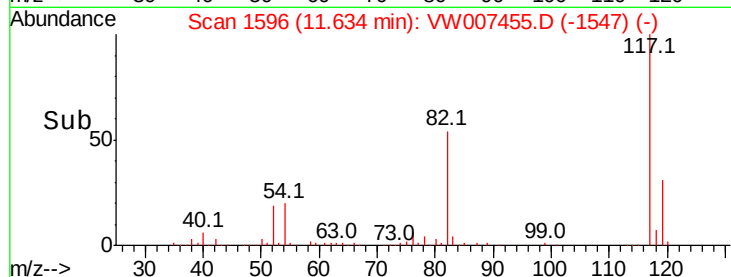
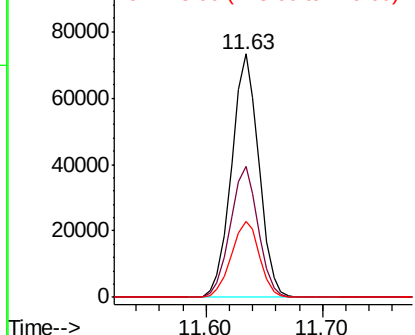
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007455.D
Acq: 12 Dec 2018 23:13

Instrument :
MSVOA_W
ClientSampleId :
BF-03-120418RE

Tot Ion:117 Resp: 119574
Ion Ratio Lower Upper
117 100
82 53.9 42.3 63.5
119 30.9 23.0 34.6

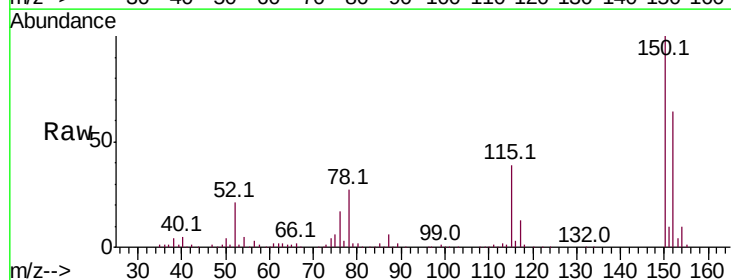


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

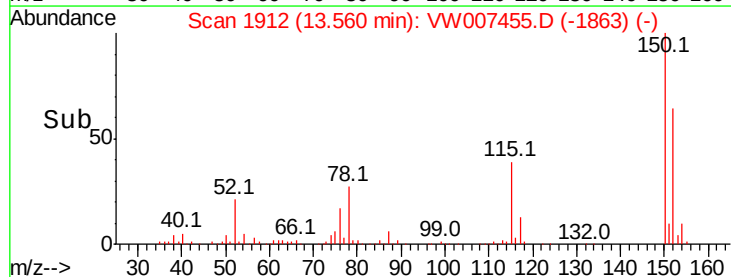
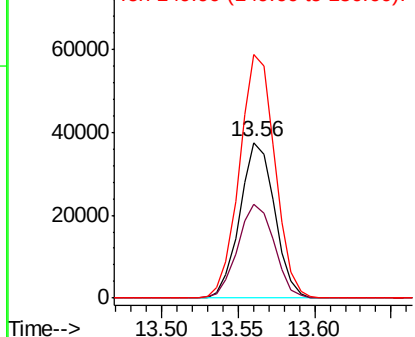


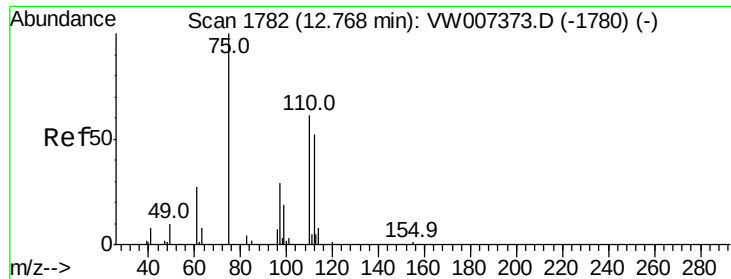
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007455.D
Acq: 12 Dec 2018 23:13

Tgt Ion:152 Resp: 59262
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 159.1 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: 47.877 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

Instrument :

MSVOA_W

ClientSampleId :

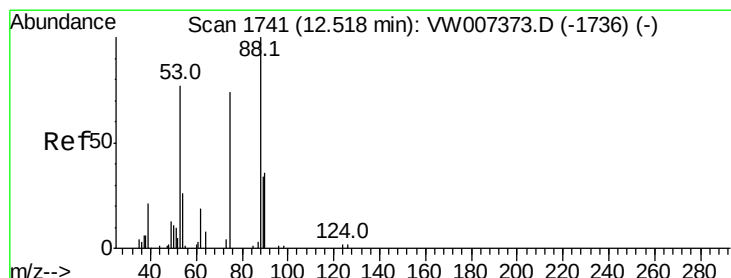
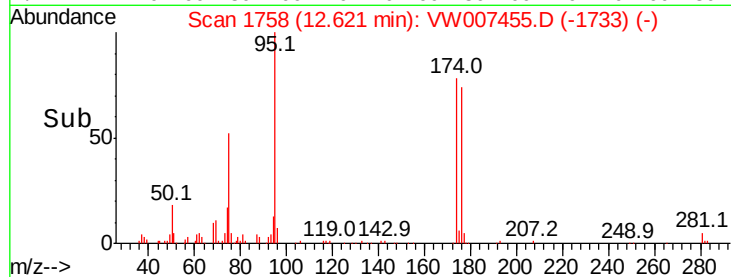
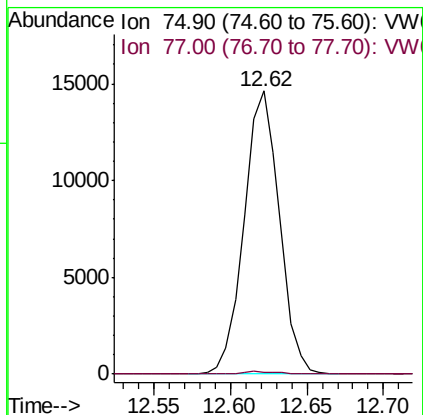
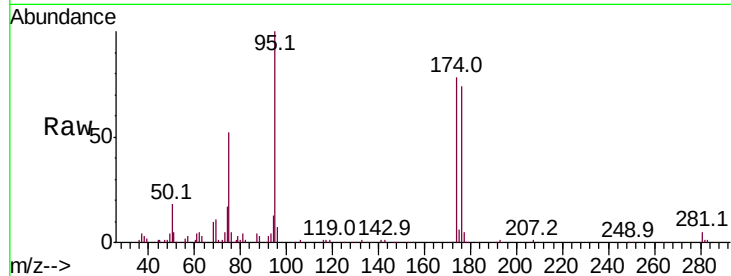
BF-03-120418RE

Tot Ion: 75 Resp: 23394

Ion Ratio Lower Upper

75 100

77 0.8 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.760 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007455.D

Acq: 12 Dec 2018 23:13

Tgt Ion: 75 Resp: 23394

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.1 40.3 60.5#

