

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011357.D
 Acq On : 19 Jul 2019 02:58
 Operator : SY/VA
 Sample : K3835-06
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

Quant Time: Jul 19 06:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

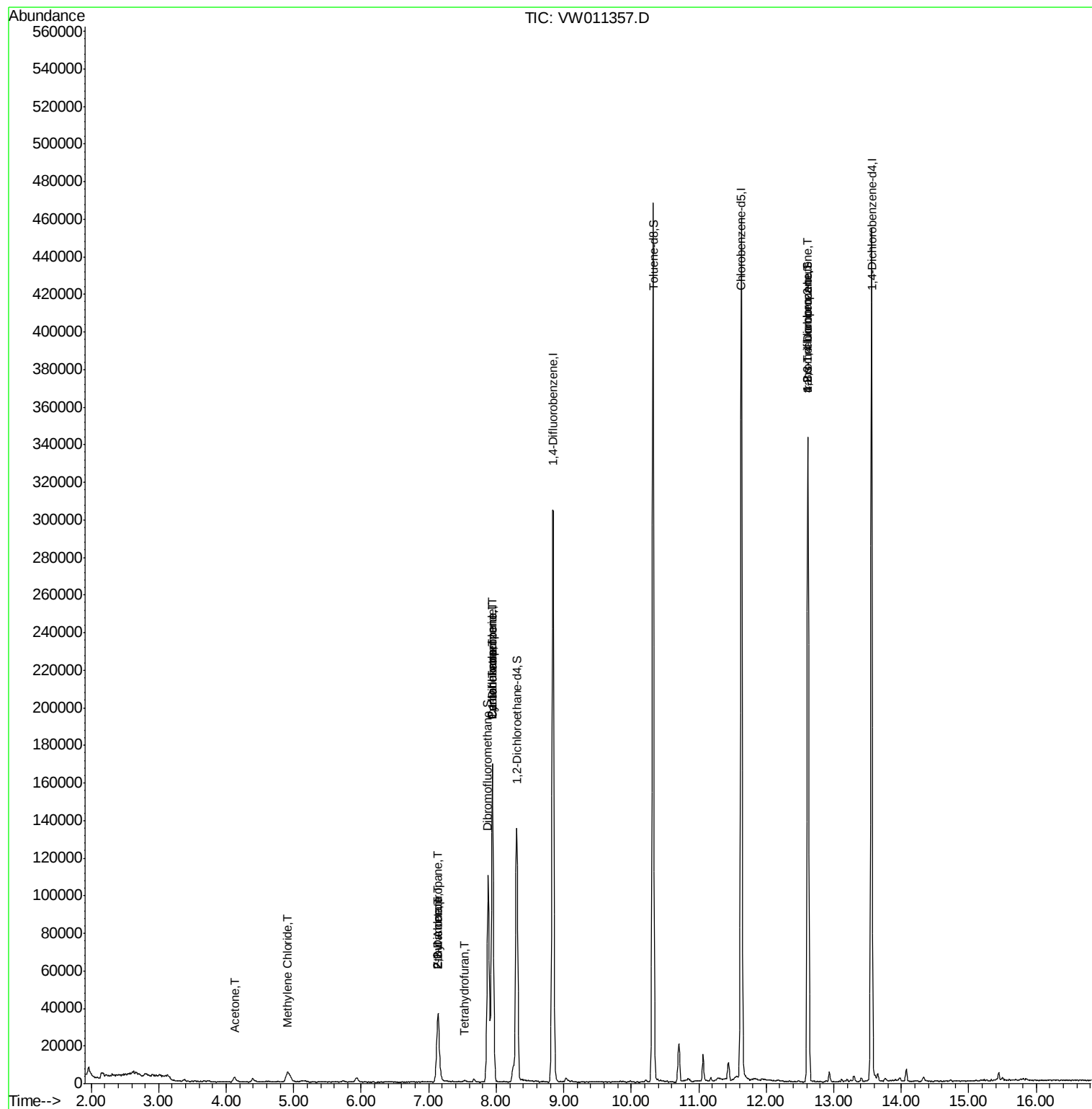
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	244010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	236350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	109240	71.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.42%	
35) Dibromofluoromethane	7.88	113	78910	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.32	98	290506	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.62	95	110436	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	5111	13.944	ug/l	99
18) Methyl Acetate	4.66	43	381	Below Cal	#	57
20) Methylene Chloride	4.91	84	4669	3.229	ug/l	98
25) 2-Butanone	7.15	43	2498	4.342	ug/l #	71
26) 2,2-Dichloropropane	7.13	77	2385	1.654	ug/l #	53
29) Tetrahydrofuran	7.52	42	766	2.030	ug/l #	86
31) Cyclohexane	7.94	56	3227	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11083	4.265	ug/l #	51
37) Ethyl Acetate	7.15	43	2498	1.600	ug/l #	1
38) Carbon Tetrachloride	7.95	117	12594	5.717	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	58360	46.115	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58360	104.304	ug/l #	6

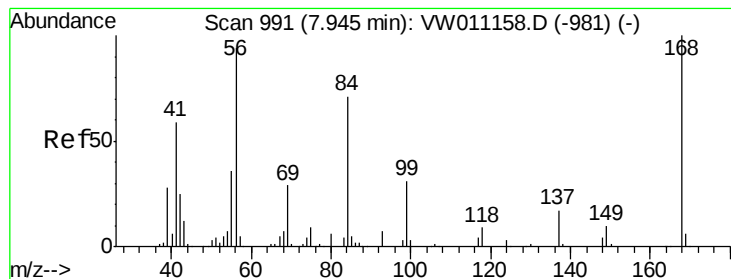
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071819\
Data File : VW011357.D
Acq On : 19 Jul 2019 02:58
Operator : SY/VA
Sample : K3835-06
Misc : 6.32G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

Quant Time: Jul 19 06:50:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Instrument :

MSVOA_W

ClientSampleId :

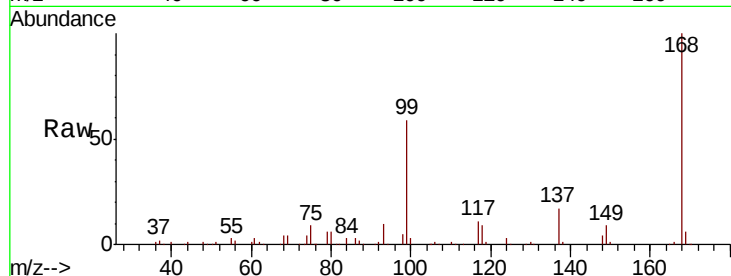
SB-3(6-8)

Tot Ion:168 Resp: 121236

Ion Ratio Lower Upper

168 100

99 59.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

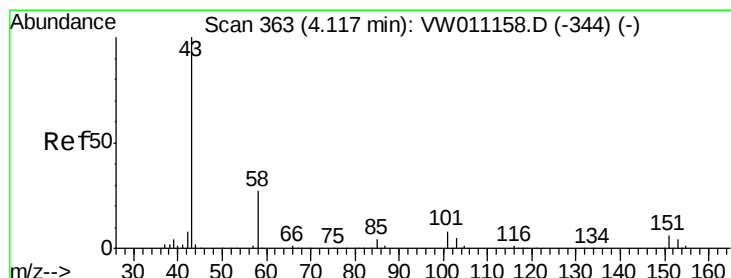
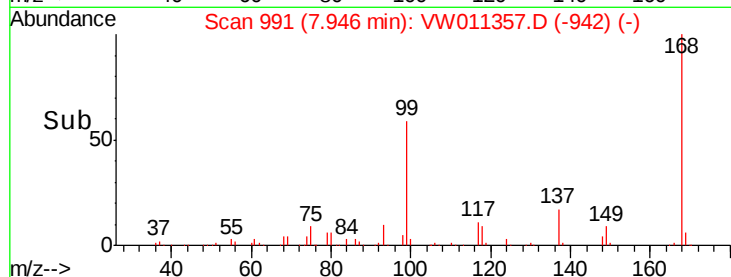
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 13.944 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011357.D

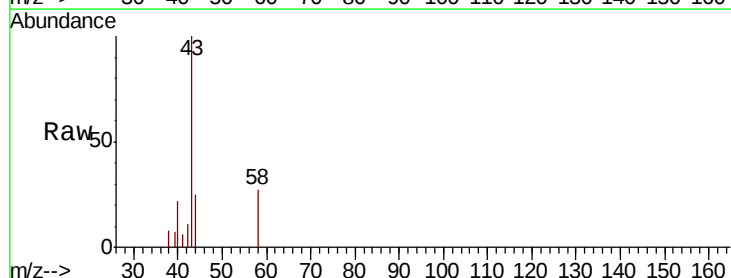
Acq: 19 Jul 2019 02:58

Tgt Ion: 43 Resp: 5111

Ion Ratio Lower Upper

43 100

58 26.6 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

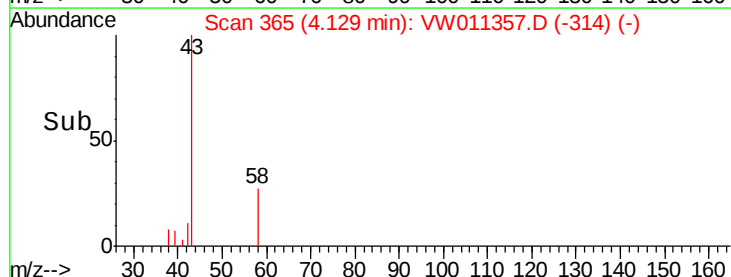
1000

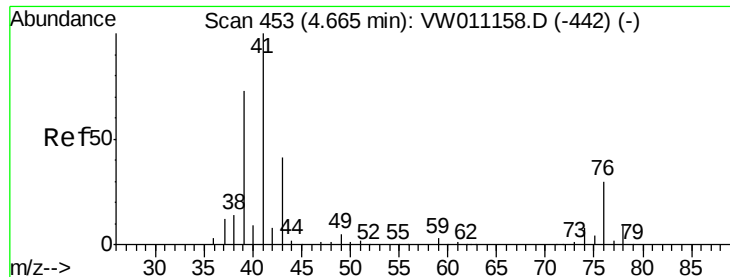
500

0

4.00 4.10 4.20

Time-->

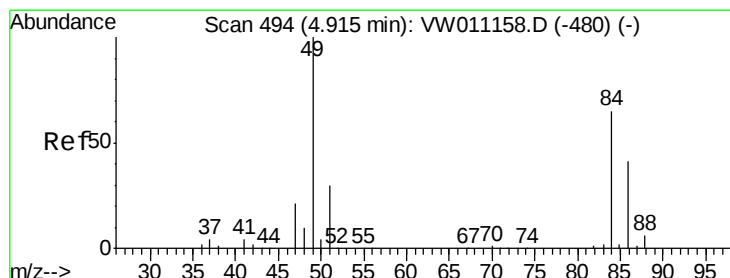
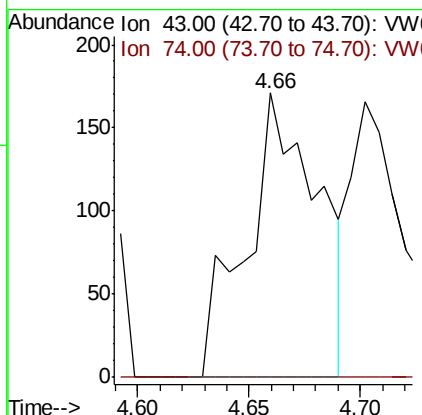
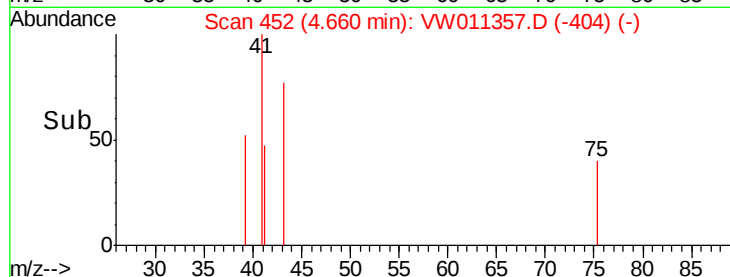
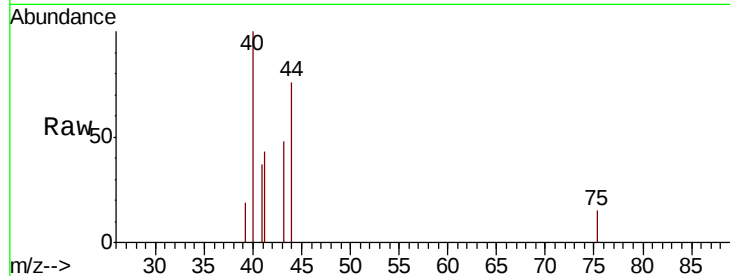




#18
Methyl Acetate
Concen: Below Cal
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011357.D
Acq: 19 Jul 2019 02:58

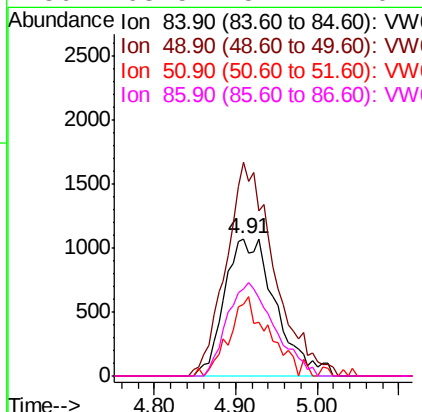
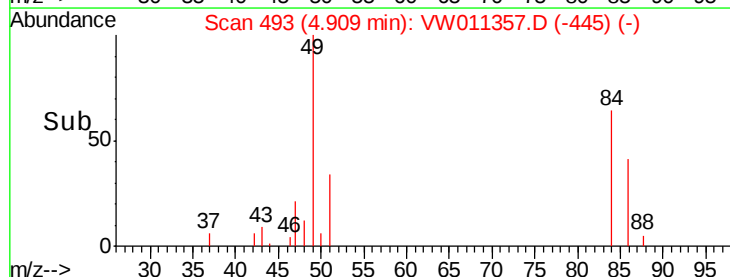
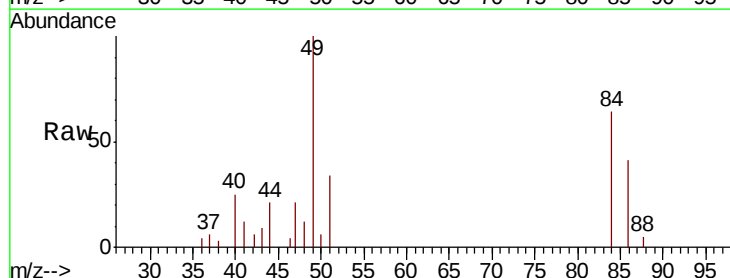
Instrument :
MSVOA_W
ClientSampled :
SB-3(6-8)

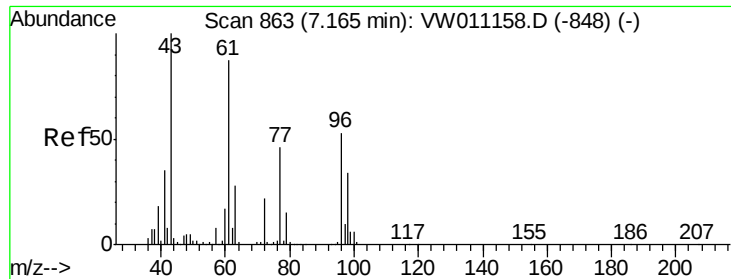
Tot Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 3.229 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011357.D
Acq: 19 Jul 2019 02:58

Tgt Ion: 84 Resp: 4669
Ion Ratio Lower Upper
84 100
49 155.6 123.8 185.6
51 52.4 37.4 56.2
86 63.5 51.1 76.7





#25

2-Butanone

Concen: 4.342 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Instrument :

MSVOA_W

ClientSampled :

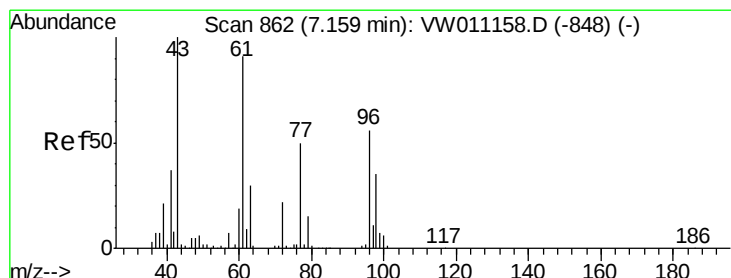
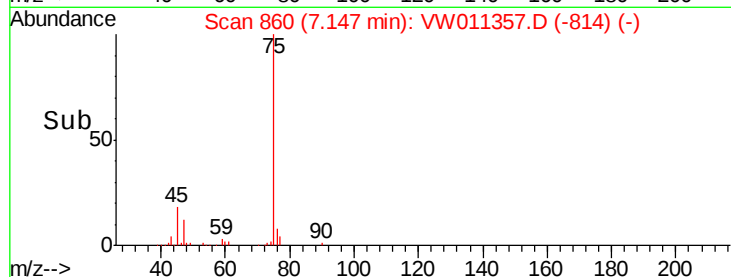
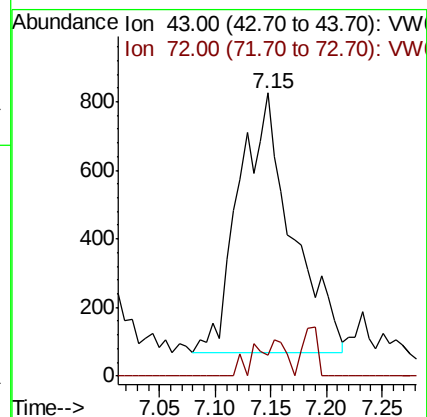
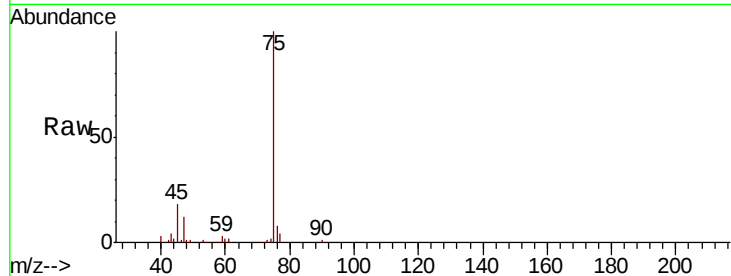
SB-3(6-8)

Tot Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

72 8.1 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 1.654 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: VW011357.D

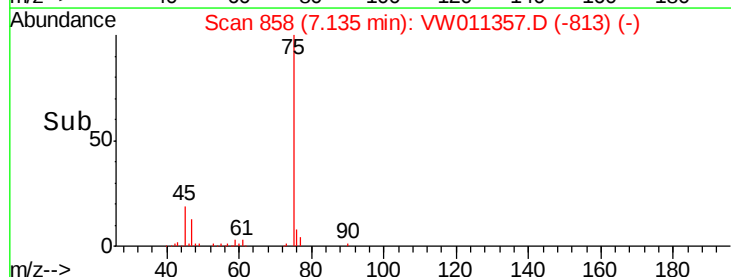
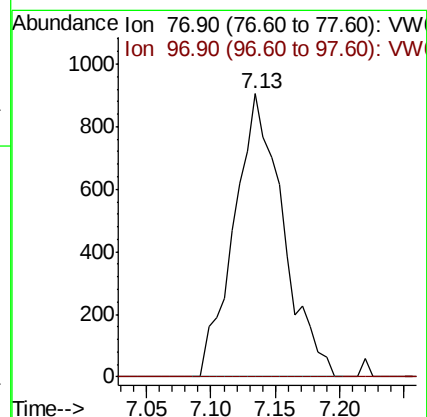
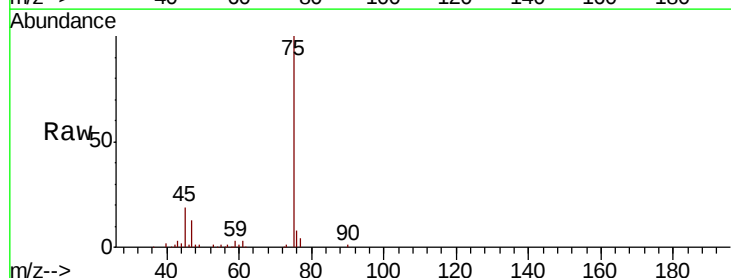
Acq: 19 Jul 2019 02:58

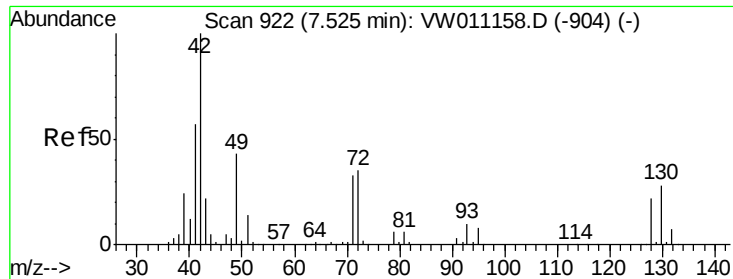
Tgt Ion: 77 Resp: 2385

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#

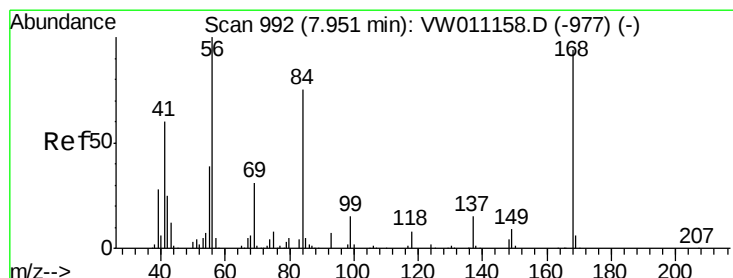
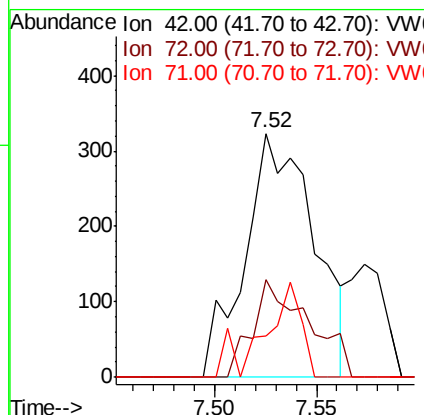
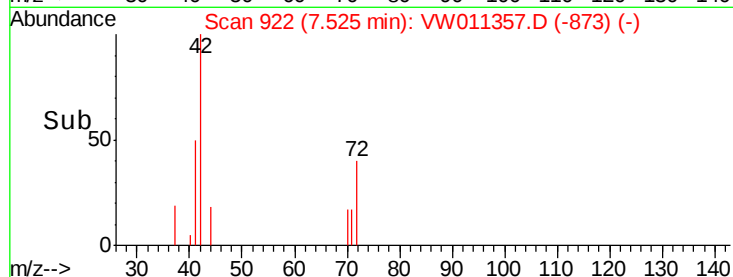
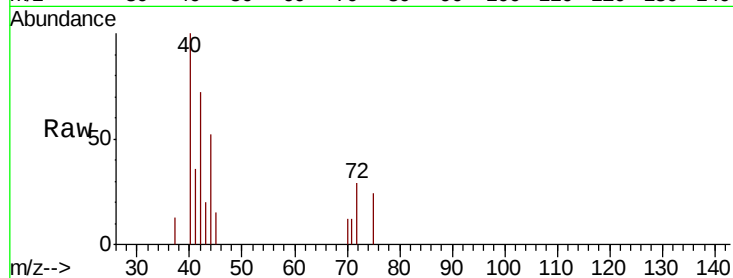




#29
Tetrahydrofuran
Concen: 2.030 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW011357.D
Acq: 19 Jul 2019 02:58

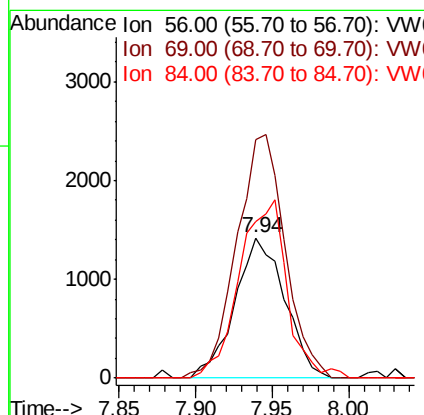
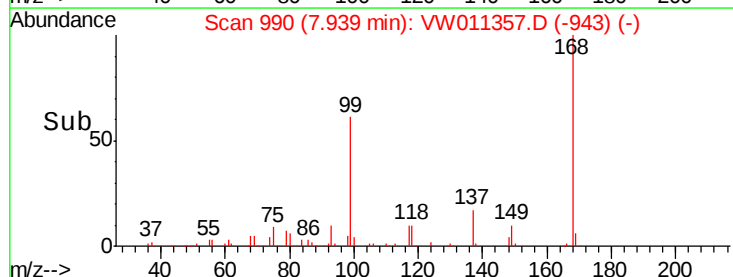
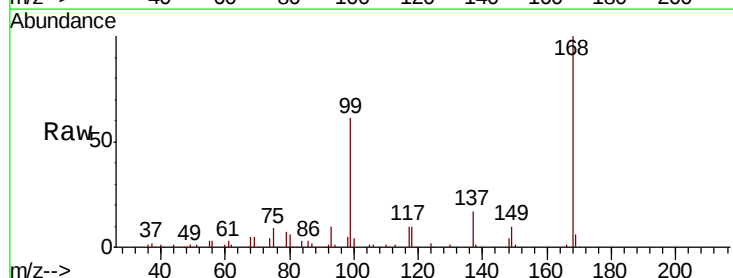
Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

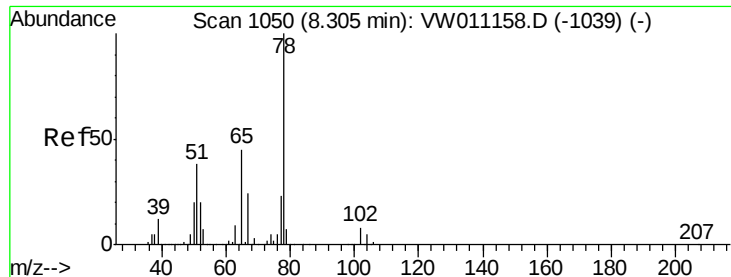
Tot Ion: 42 Resp: 766
Ion Ratio Lower Upper
42 100
72 32.6 27.4 41.2
71 17.8 25.9 38.9#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011357.D
Acq: 19 Jul 2019 02:58

Tgt Ion: 56 Resp: 3227
Ion Ratio Lower Upper
56 100
69 170.6 24.6 36.8#
84 111.4 60.1 90.1#





#33

1,2-Dichloroethane-d4

Concen: 71.709 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Instrument :

MSVOA_W

ClientSampled :

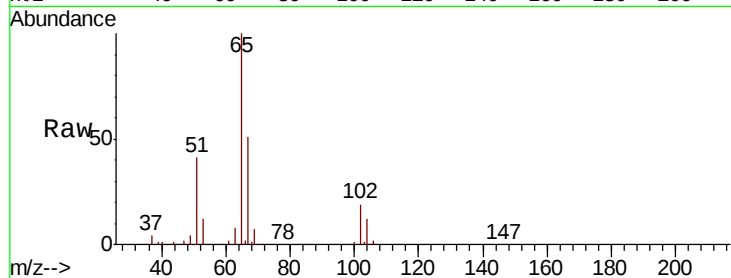
SB-3(6-8)

Tot Ion: 65 Resp: 109240

Ion Ratio Lower Upper

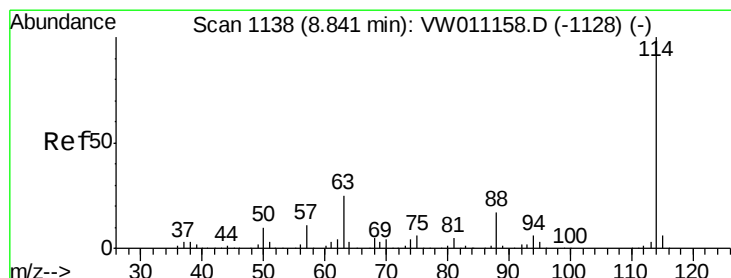
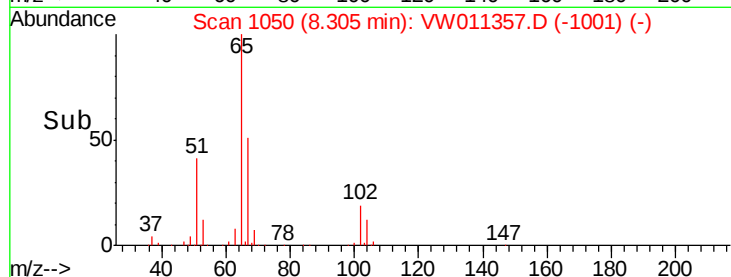
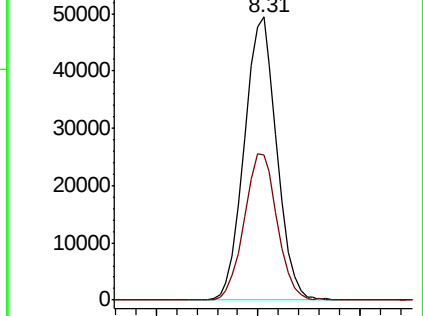
65 100

67 52.5 0.0 104.4



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: VW011357.D

Acq: 19 Jul 2019 02:58

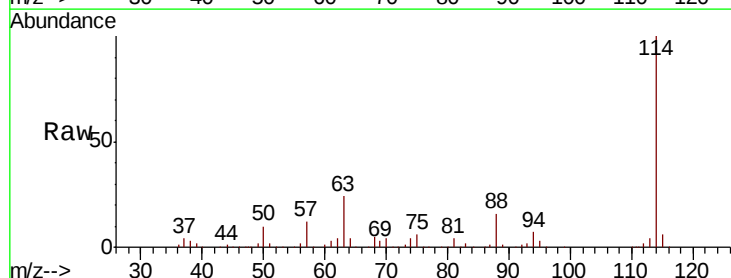
Tgt Ion: 114 Resp: 244010

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

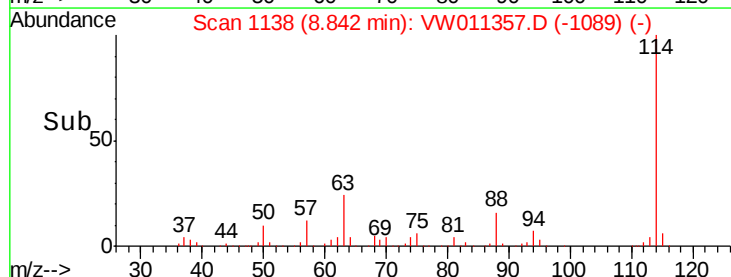
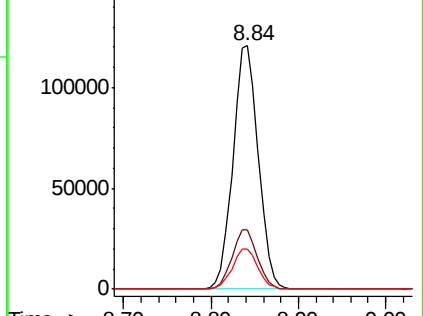
88 16.2 0.0 34.2

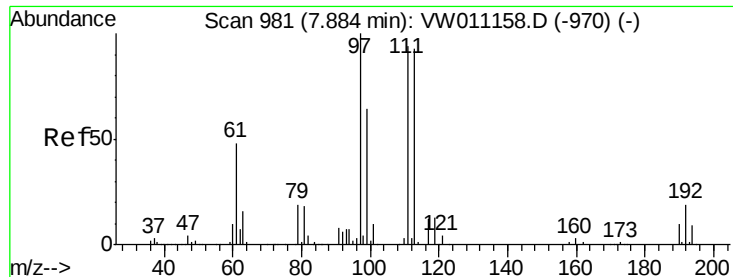


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

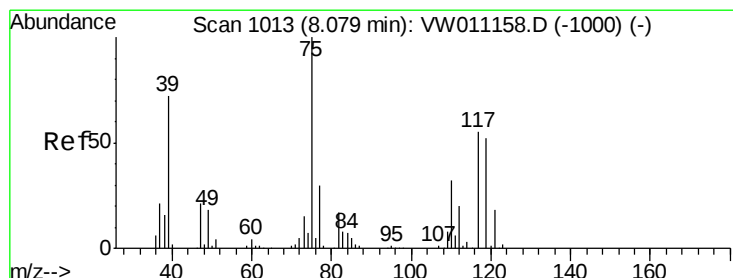
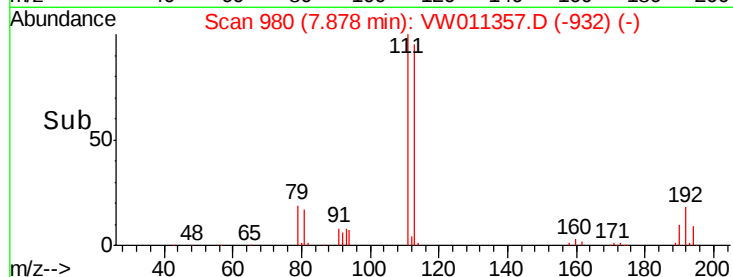
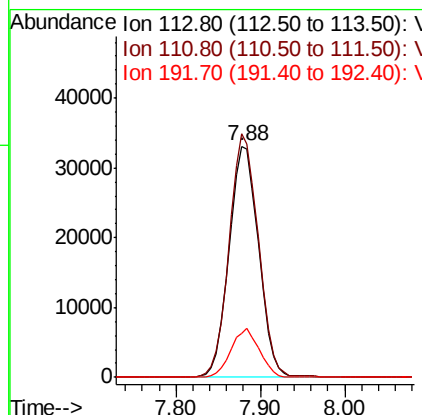
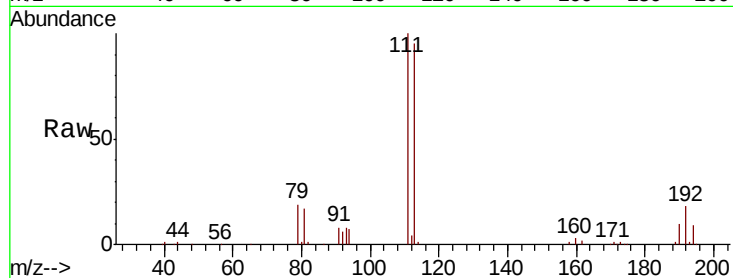




#35
 Dibromofluoromethane
 Concen: 54.256 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011357.D
 Acq: 19 Jul 2019 02:58

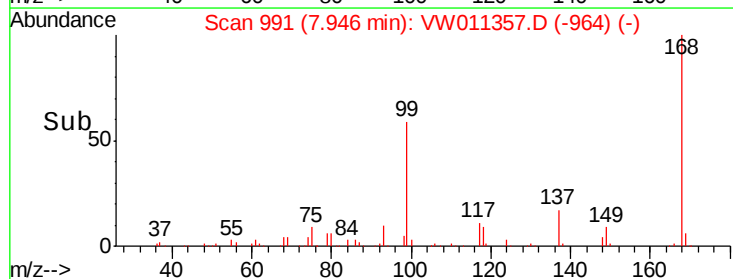
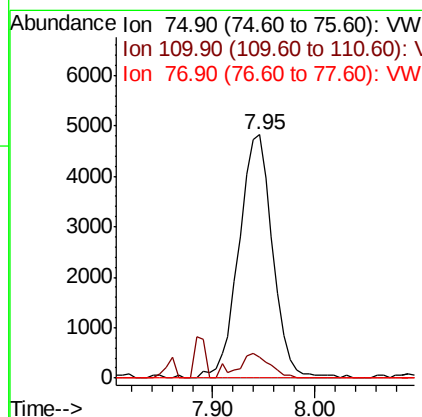
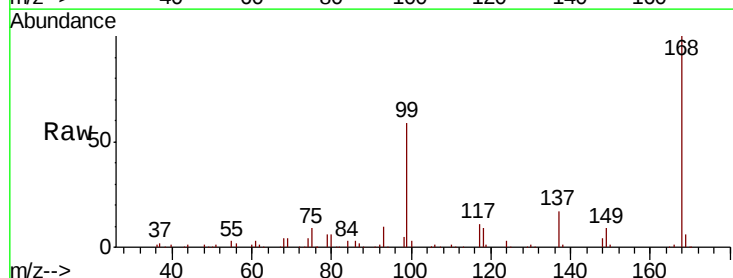
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

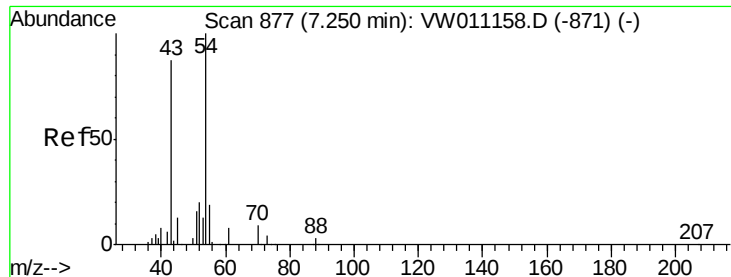
Tot Ion:113 Resp: 78910
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 20.3 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.265 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011357.D
 Acq: 19 Jul 2019 02:58

Tgt Ion: 75 Resp: 11083
 Ion Ratio Lower Upper
 75 100
 110 8.4 15.9 47.6#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.600 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.10 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Instrument :

MSVOA_W

ClientSampled :

SB-3(6-8)

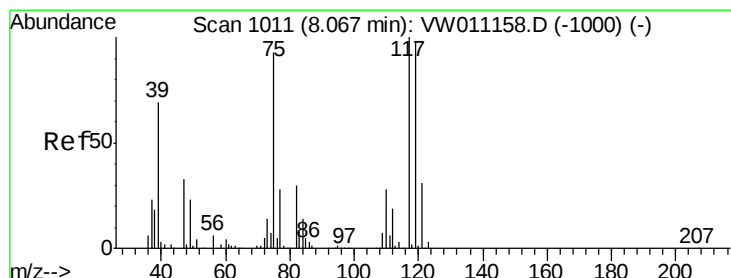
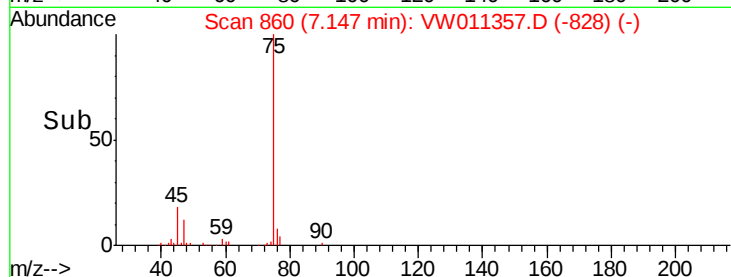
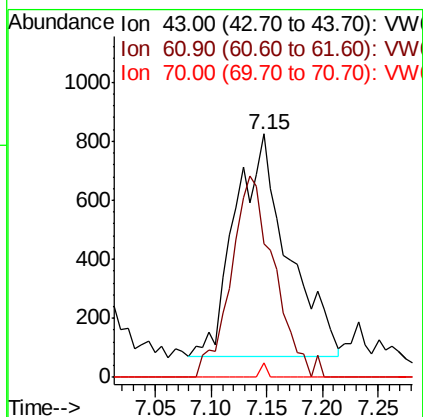
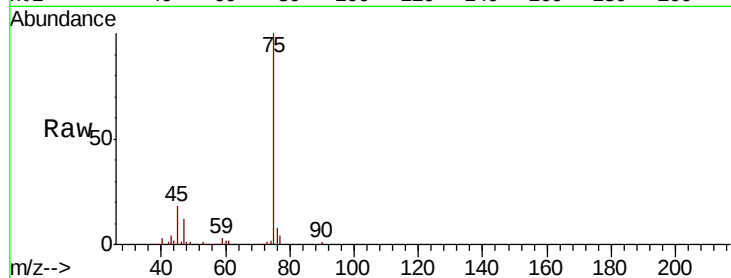
Tot Ion: 43 Resp: 2498

Ion Ratio Lower Upper

43 100

61 73.7 9.5 14.3#

70 0.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.717 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

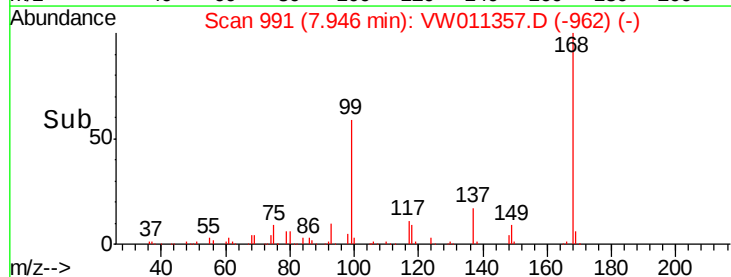
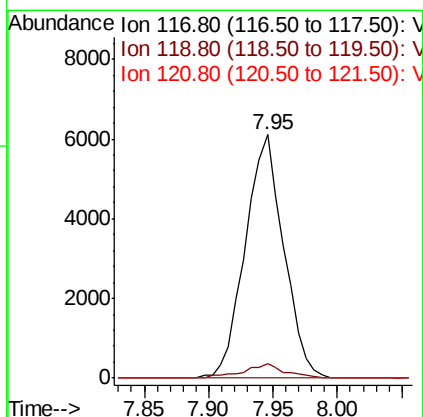
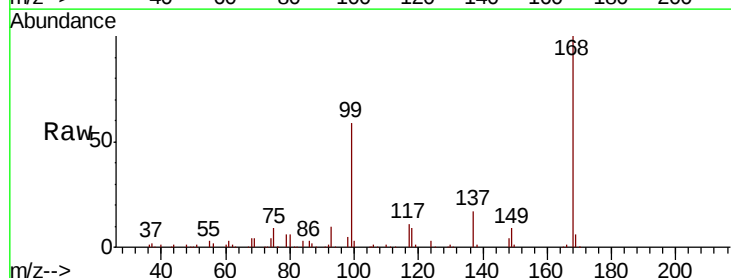
Tgt Ion: 117 Resp: 12594

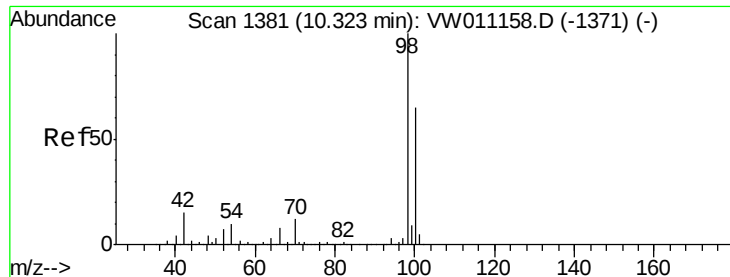
Ion Ratio Lower Upper

117 100

119 5.9 78.1 117.1#

121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 49.415 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Instrument :

MSVOA_W

ClientSampleId :

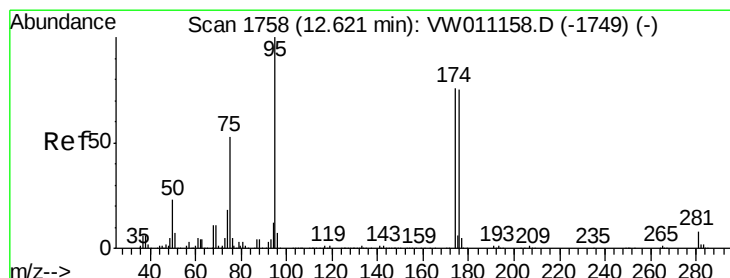
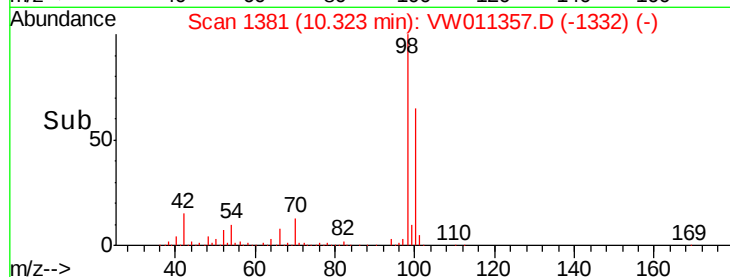
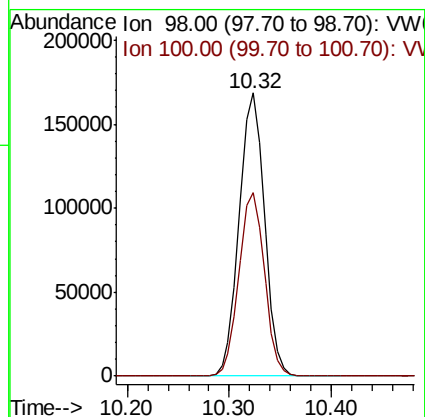
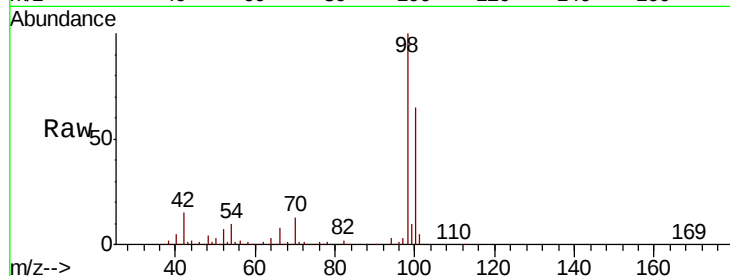
SB-3(6-8)

Tot Ion: 98 Resp: 290506

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 51.250 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

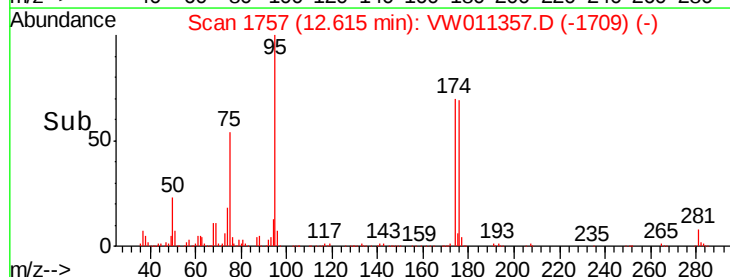
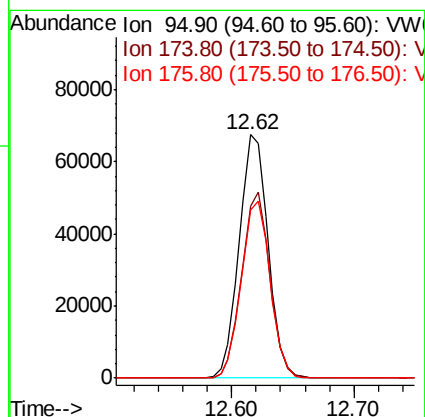
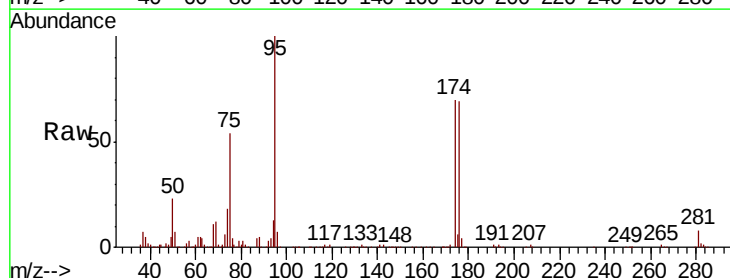
Tgt Ion: 95 Resp: 110436

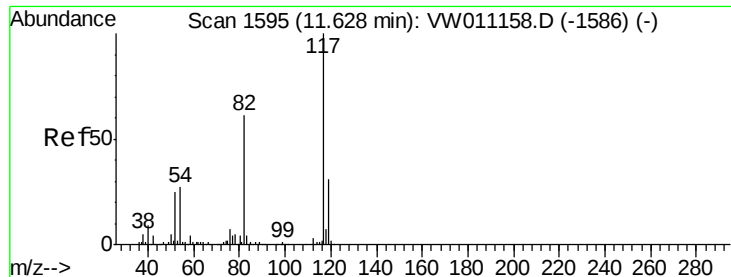
Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.6

176 72.6 0.0 144.6

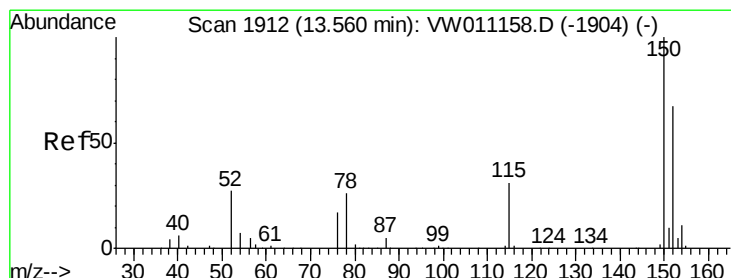
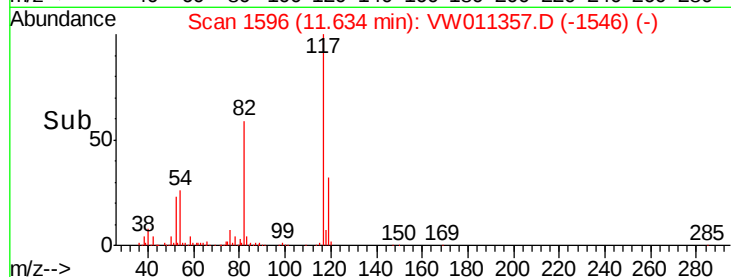
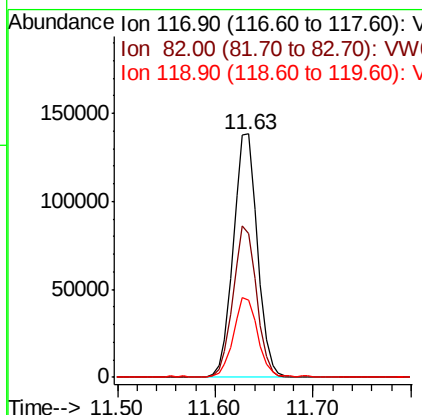
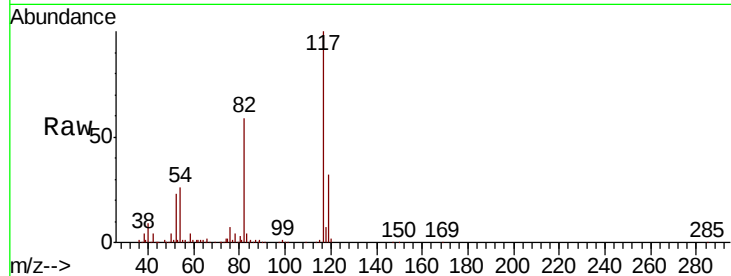




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011357.D
Acq: 19 Jul 2019 02:58

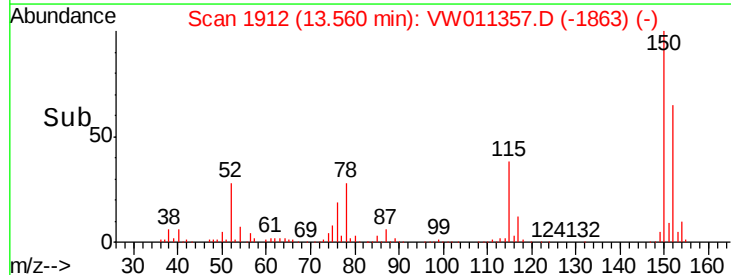
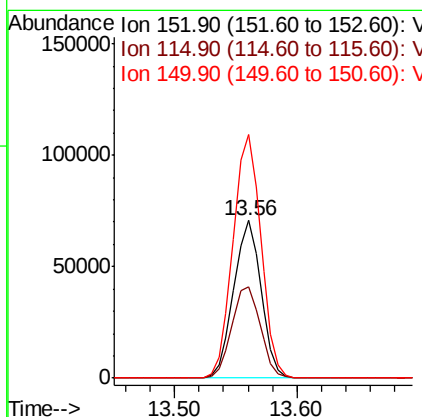
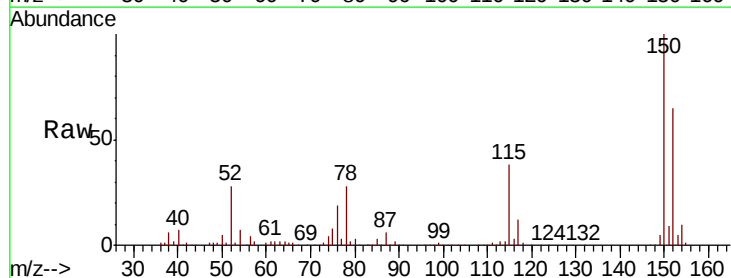
Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

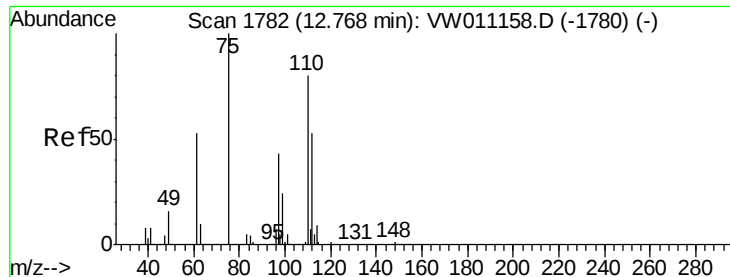
Tot Ion:117 Resp: 236350
Ion Ratio Lower Upper
117 100
82 58.8 48.9 73.3
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011357.D
Acq: 19 Jul 2019 02:58

Tgt Ion:152 Resp: 109510
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 157.3 0.0 346.0





#76

1,2,3-Trichloropropane

Concen: 46.115 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Instrument :

MSVOA_W

ClientSampleId :

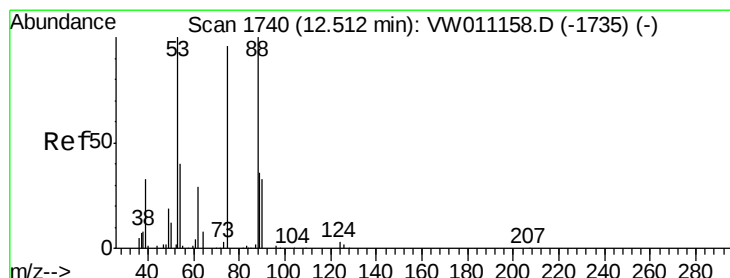
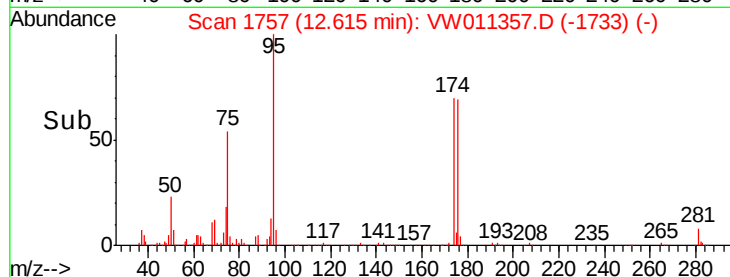
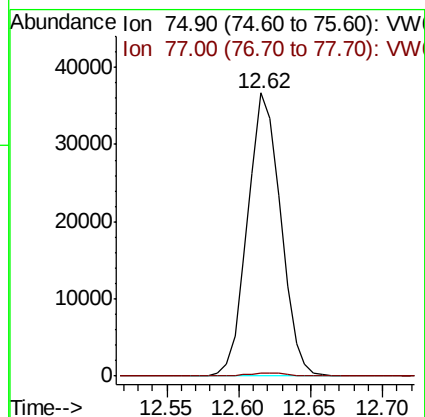
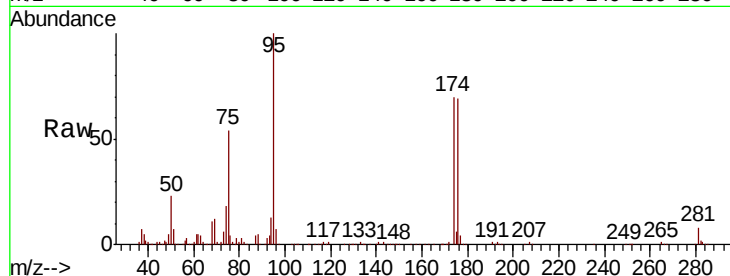
SB-3(6-8)

Tot Ion: 75 Resp: 58360

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 104.304 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011357.D

Acq: 19 Jul 2019 02:58

Tgt Ion: 75 Resp: 58360

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.0 34.3 51.5#

