

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
 Data File : VW011755.D
 Acq On : 07 Aug 2019 16:56
 Operator : SY/VA
 Sample : K4219-01
 Misc : 6.58G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Quant Time: Aug 08 08:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110527	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	131305	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	7.88	113	102148	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
50) Toluene-d8	10.32	98	404882	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
62) 4-Bromofluorobenzene	12.62	95	128218	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	

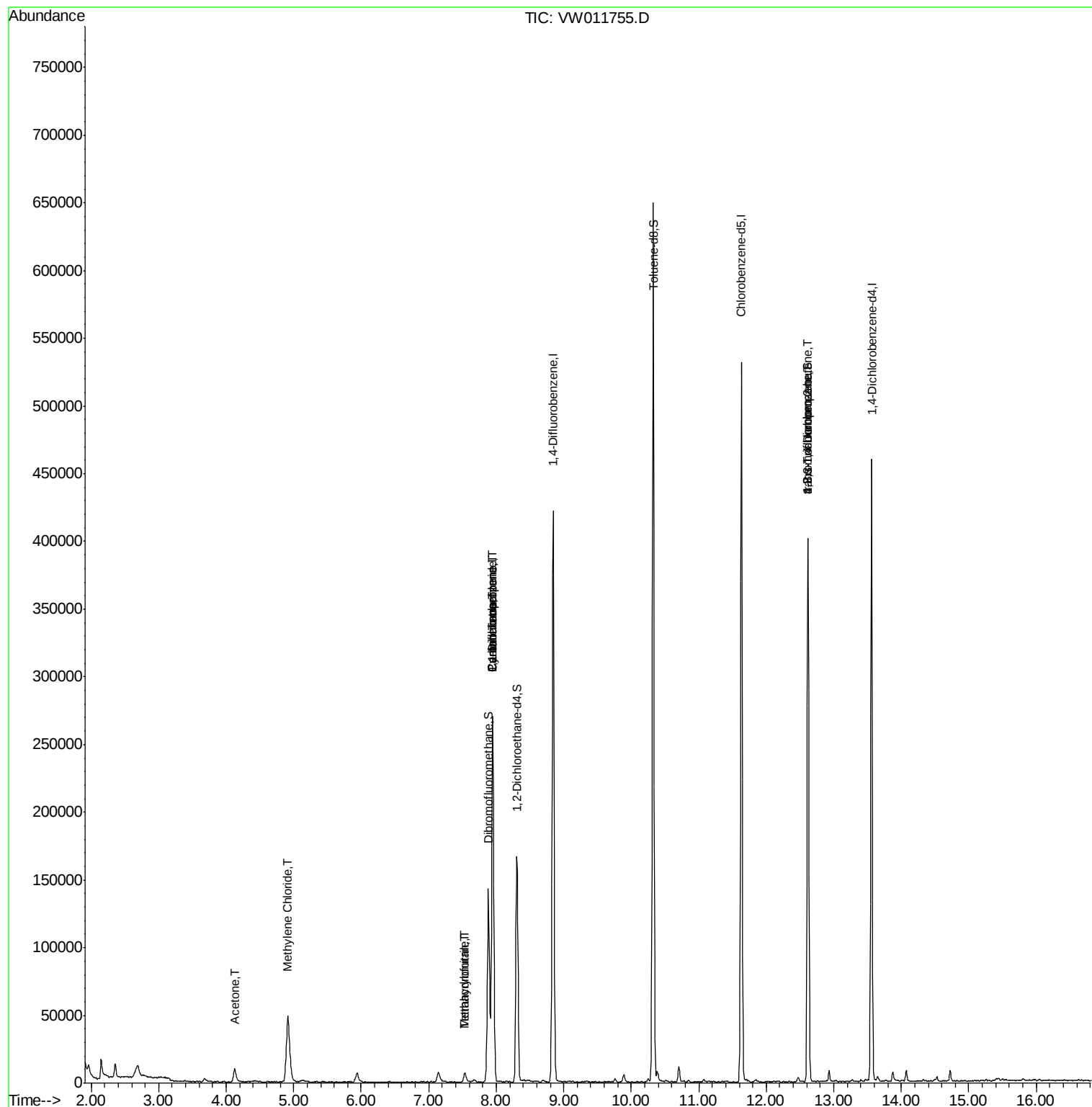
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	70	Below Cal	#	1
16) Acetone	4.12	43	18209	25.548	ug/l	99
20) Methylene Chloride	4.92	84	36820	14.979	ug/l	96
29) Tetrahydrofuran	7.54	42	5546	10.403	ug/l	100
31) Cyclohexane	7.94	56	5246	1.252	ug/l	# 4
36) 1,1-Dichloropropene	7.95	75	16871	4.944	ug/l	# 52
38) Carbon Tetrachloride	7.95	117	19526	6.684	ug/l	# 17
41) Methacrylonitrile	7.53	41	3614	3.079	ug/l	# 56
76) 1,2,3-Trichloropropane	12.62	75	68425	58.508	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.62	75	68425	134.840	ug/l	# 6

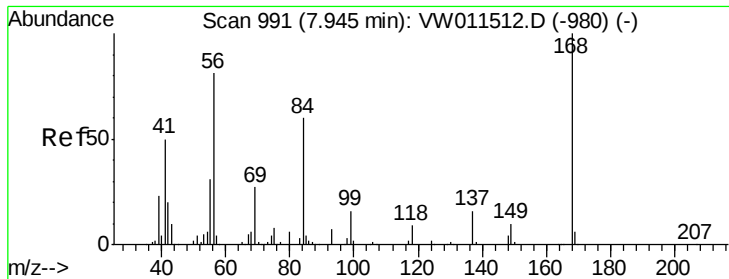
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080819\
Data File : VW011755.D
Acq On : 07 Aug 2019 16:56
Operator : SY/VA
Sample : K4219-01
Misc : 6.58G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-A

Quant Time: Aug 08 08:41:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration



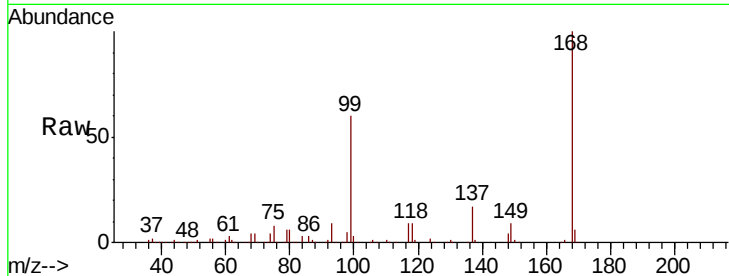


#1

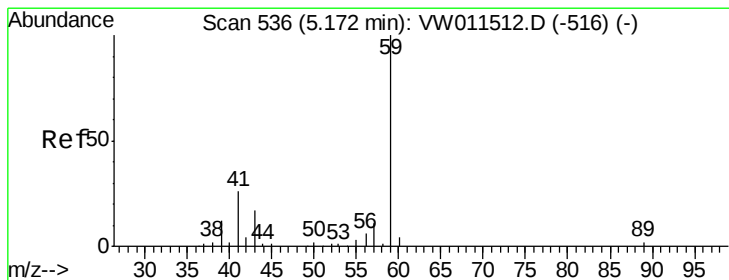
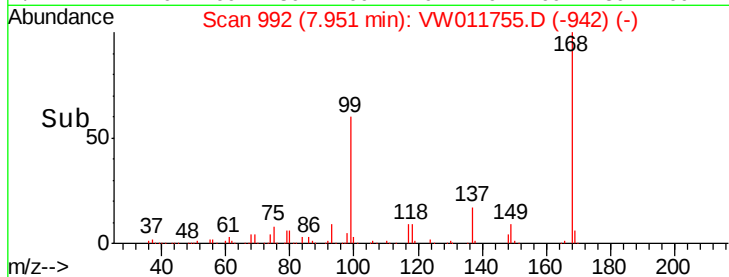
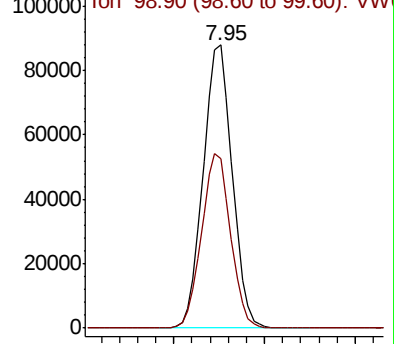
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Tgt Ion: 168 Resp: 195128
 Ion Ratio Lower Upper
 168 100
 99 59.9 48.2 72.4



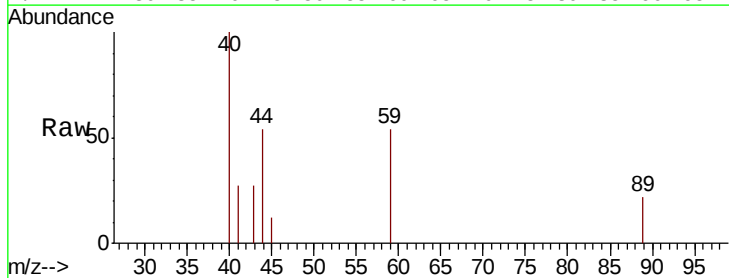
Abundance Ion 167.90 (167.60 to 168.60): V



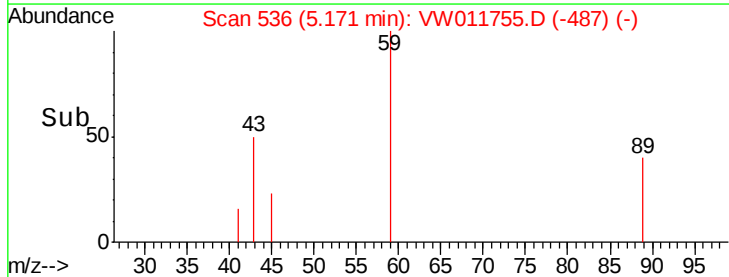
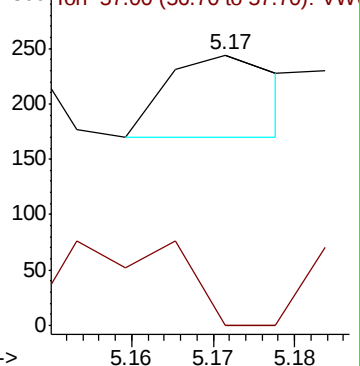
#11

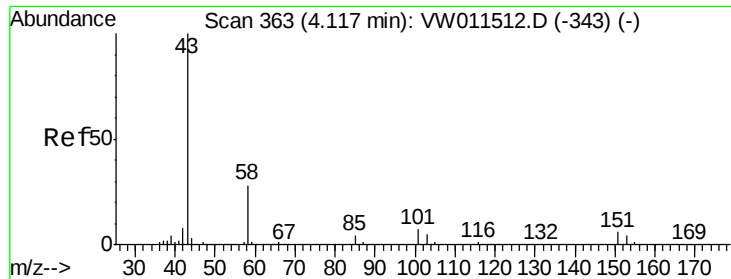
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Tgt Ion: 59 Resp: 70
 Ion Ratio Lower Upper
 59 100
 57 65.7 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW





#16

Acetone

Concen: 25.548 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

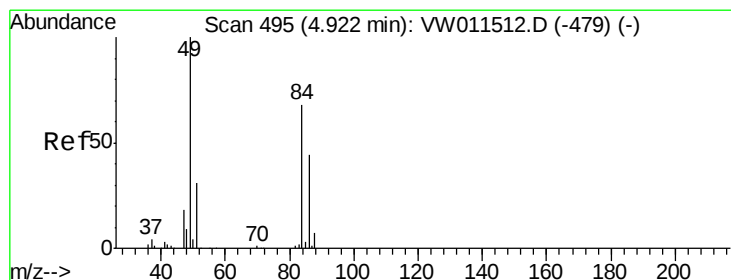
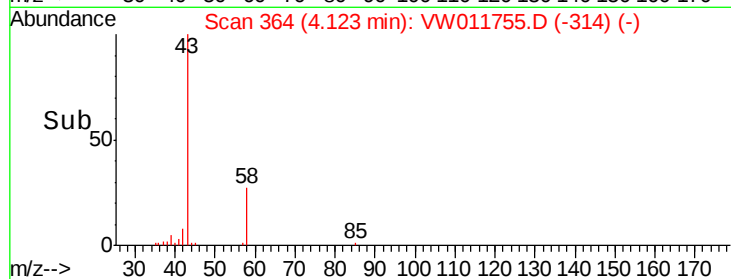
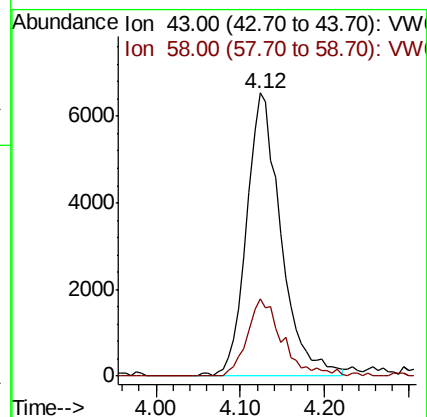
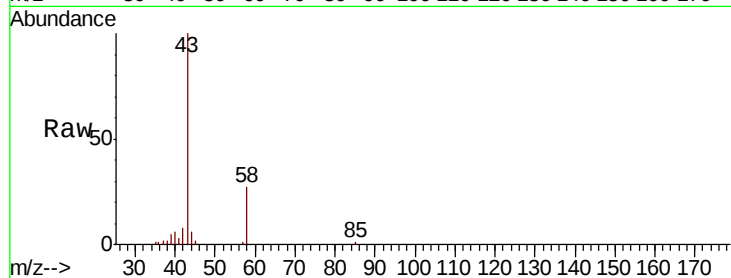
TP-A

Tgt Ion: 43 Resp: 18209

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5



#20

Methylene Chloride

Concen: 14.979 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Tgt Ion: 84 Resp: 36820

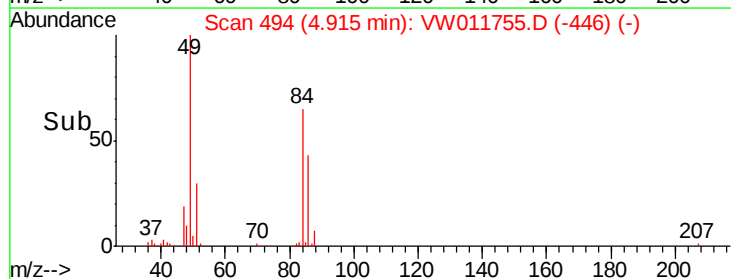
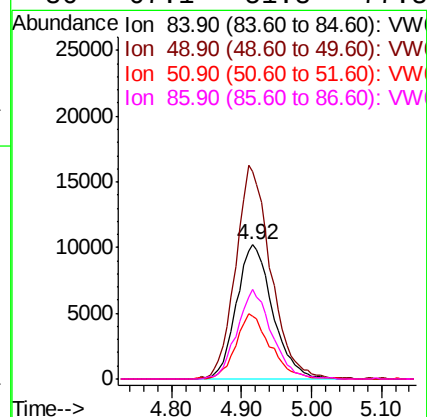
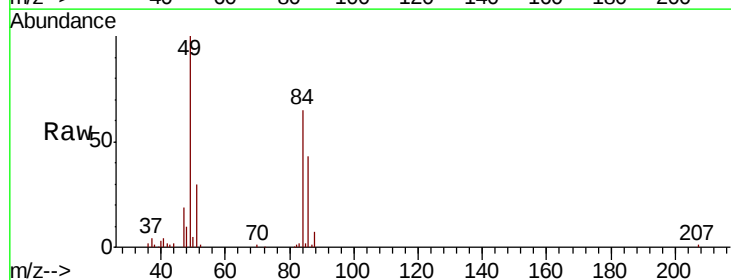
Ion Ratio Lower Upper

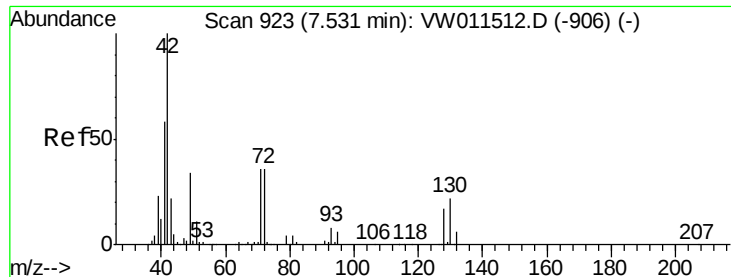
84 100

49 154.8 117.8 176.6

51 46.6 37.0 55.4

86 67.1 51.8 77.8

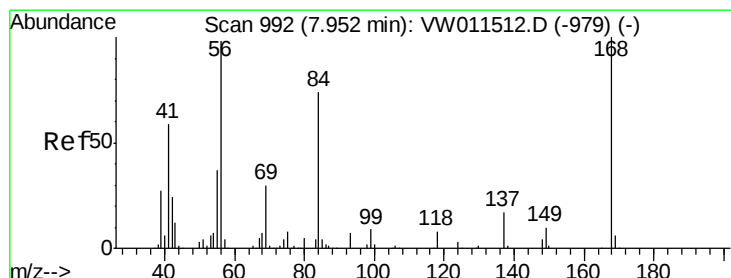
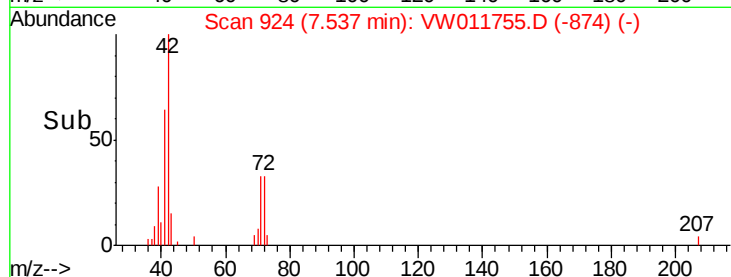
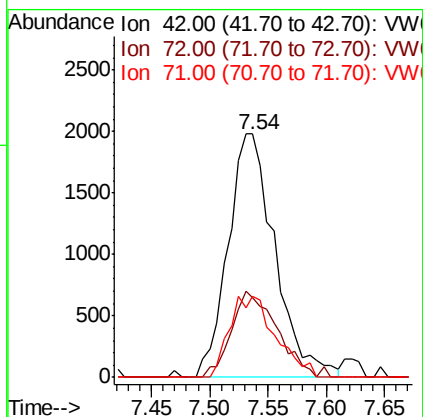
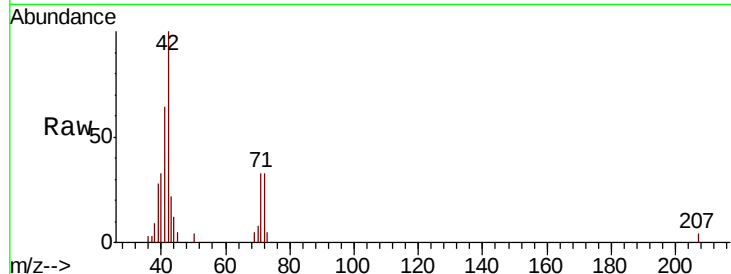




#29
Tetrahydrofuran
Concen: 10.403 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011755.D
Acq: 07 Aug 2019 16:56

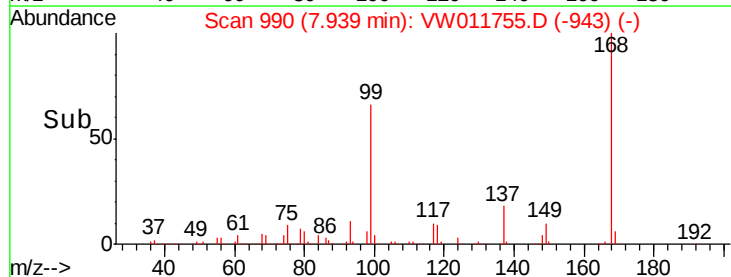
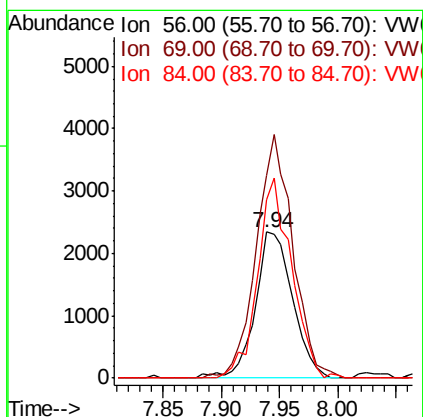
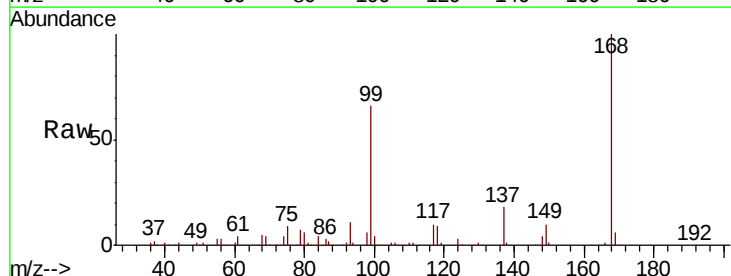
Instrument :
MSVOA_W
ClientSampled :
TP-A

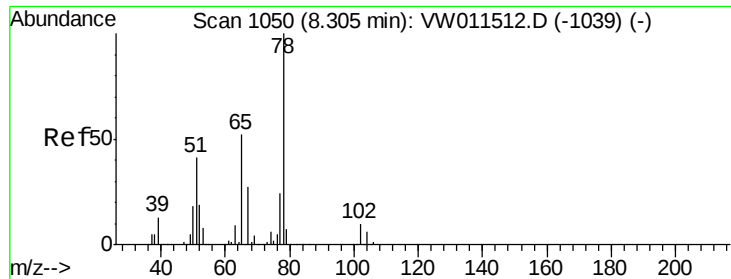
Tgt Ion: 42 Resp: 5546
Ion Ratio Lower Upper
42 100
72 34.1 27.1 40.7
71 32.8 26.2 39.4



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011755.D
Acq: 07 Aug 2019 16:56

Tgt Ion: 56 Resp: 5246
Ion Ratio Lower Upper
56 100
69 138.6 24.3 36.5#
84 122.5 60.4 90.6#

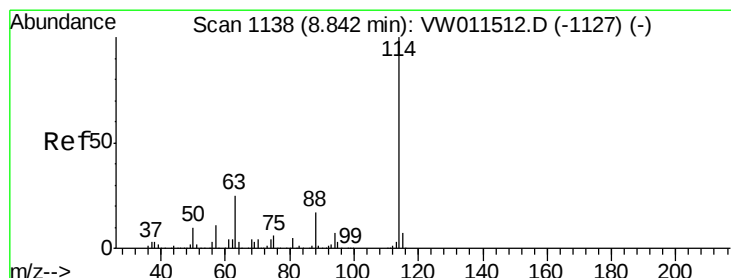
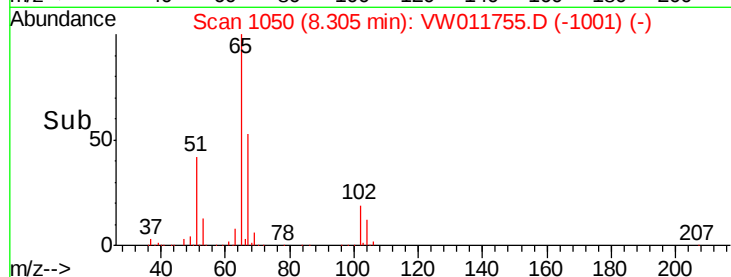
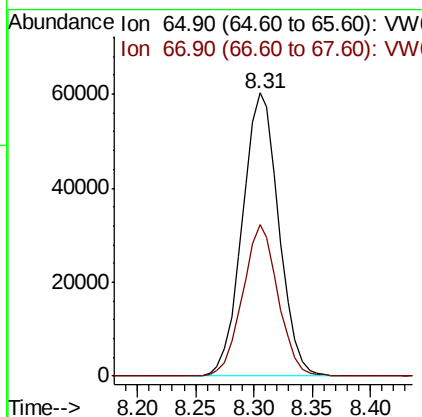
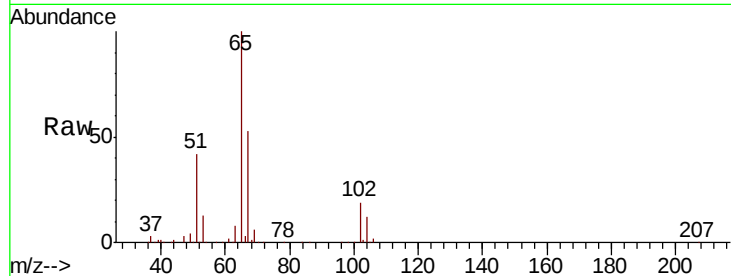




#33
 1,2-Dichloroethane-d4
 Concen: 58.602 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

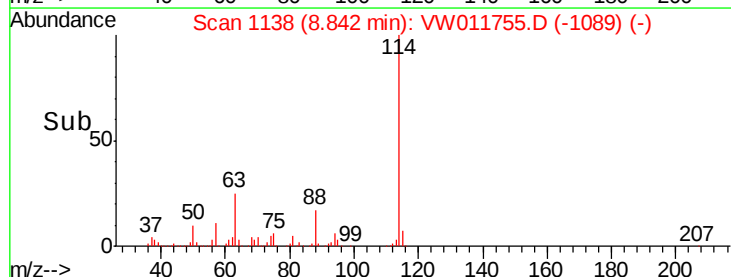
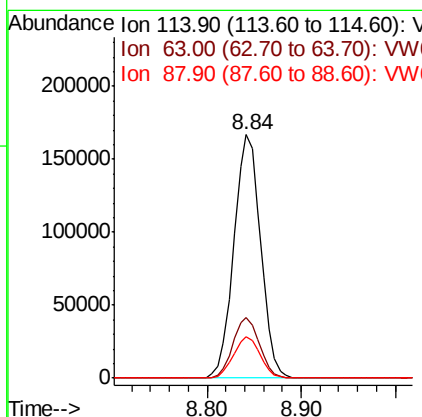
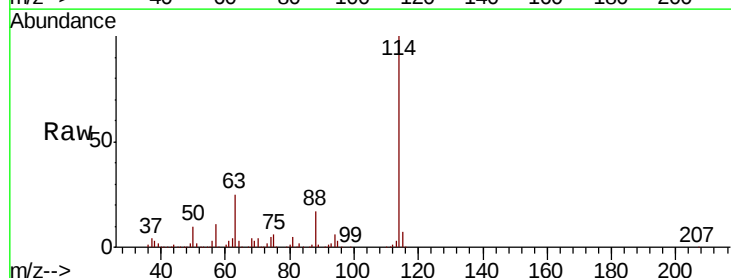
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

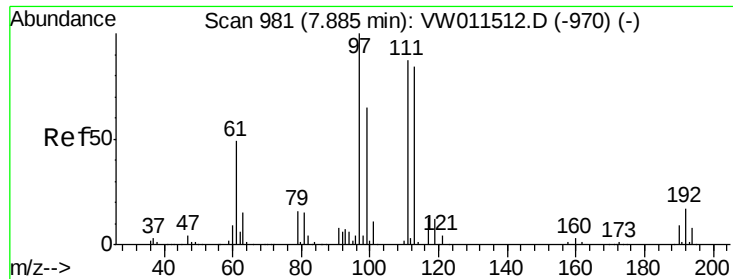
Tgt Ion: 65 Resp: 131305
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Tgt Ion: 114 Resp: 328173
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.1 0.0 33.8

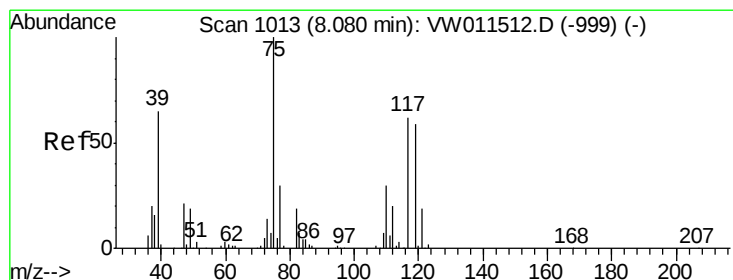
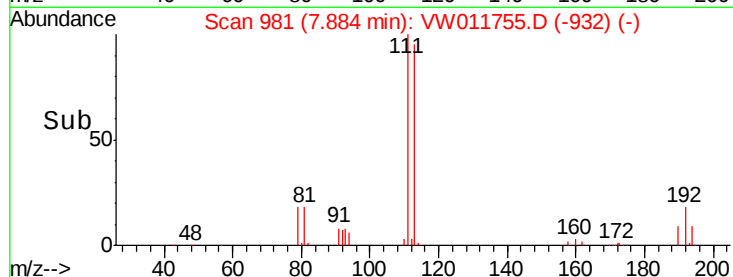
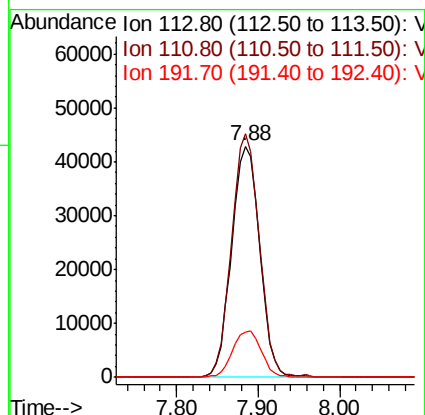
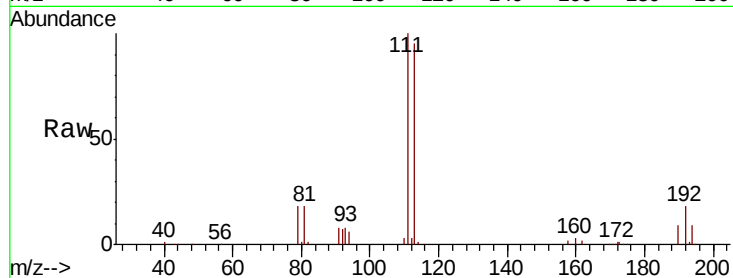




#35
 Dibromofluoromethane
 Concen: 55.482 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

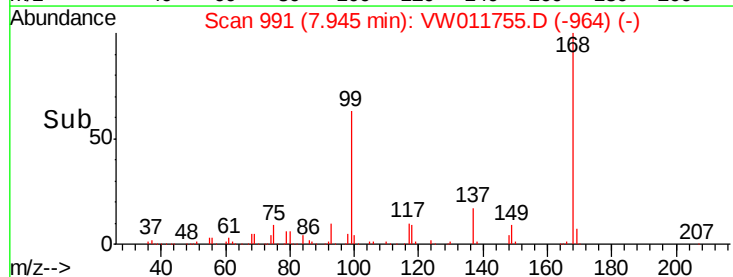
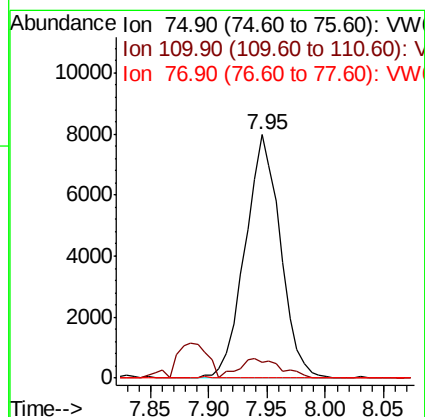
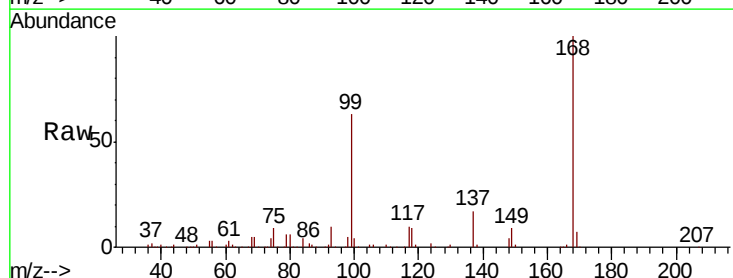
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

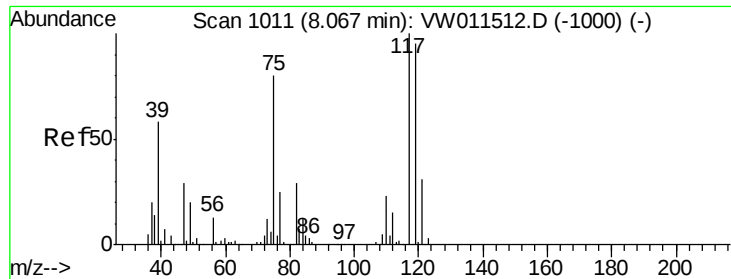
Tgt Ion:113 Resp: 102148
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.7 124.1
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 4.944 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Tgt Ion: 75 Resp: 16871
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.6 46.8#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.684 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampleId :

TP-A

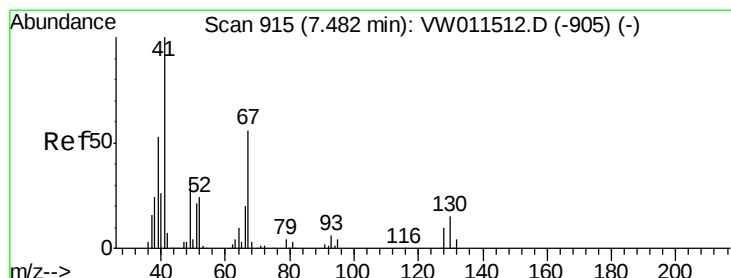
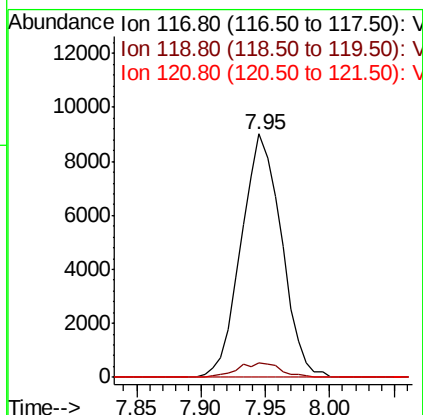
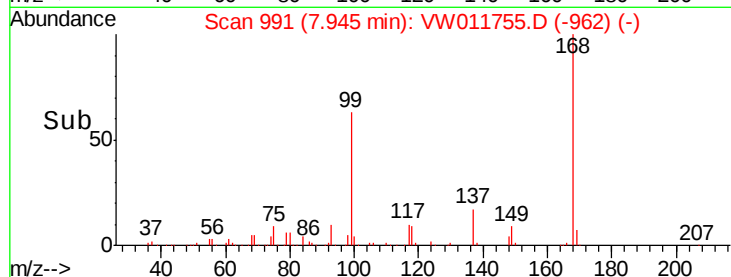
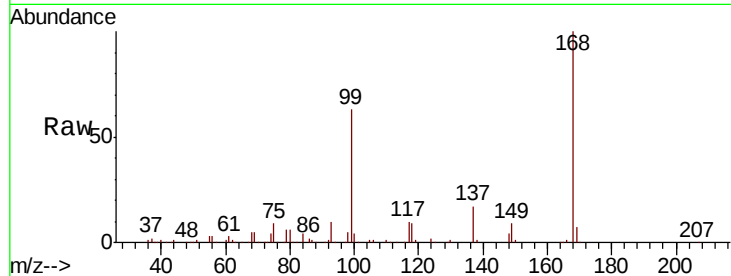
Tgt Ion: 117 Resp: 19526

Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

121 0.0 24.7 37.1#



#41

Methacrylonitrile

Concen: 3.079 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Tgt Ion: 41 Resp: 3614

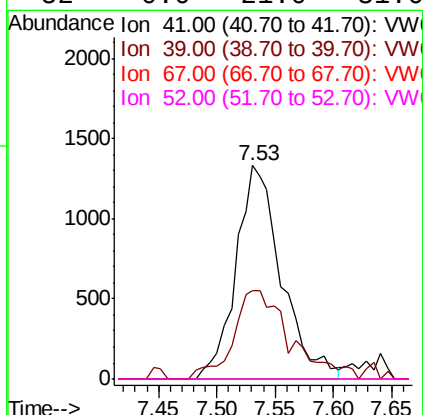
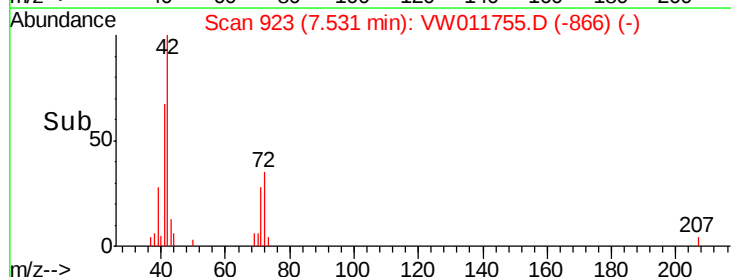
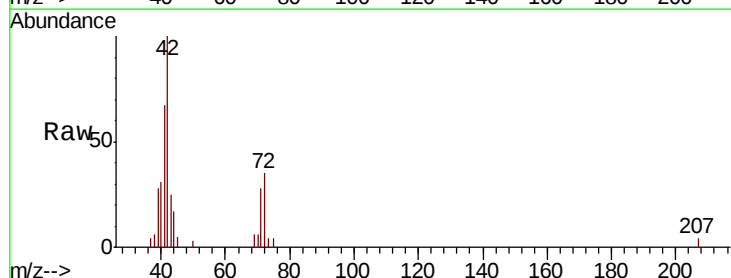
Ion Ratio Lower Upper

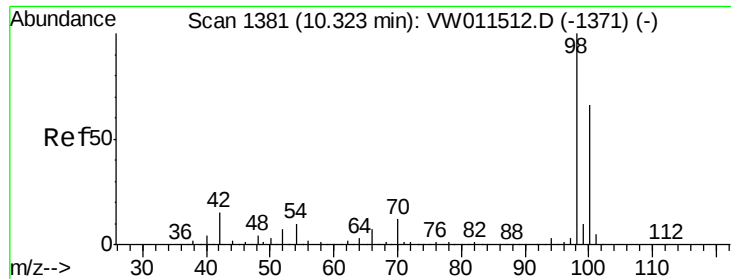
41 100

39 52.4 43.0 64.4

67 0.0 47.5 71.3#

52 0.0 21.0 31.6#





#50

Toluene-d8

Concen: 53.712 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

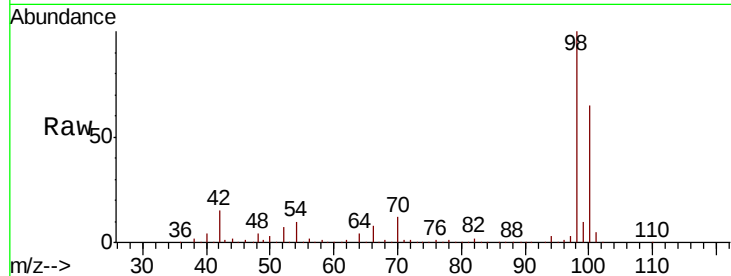
TP-A

Tgt Ion: 98 Resp: 404882

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

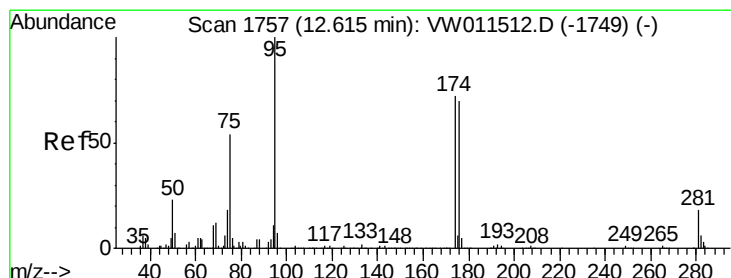
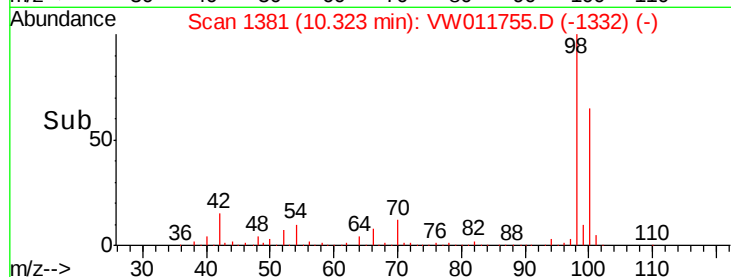
100000

50000

0

10.20 10.30 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 47.710 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011755.D

Acq: 07 Aug 2019 16:56

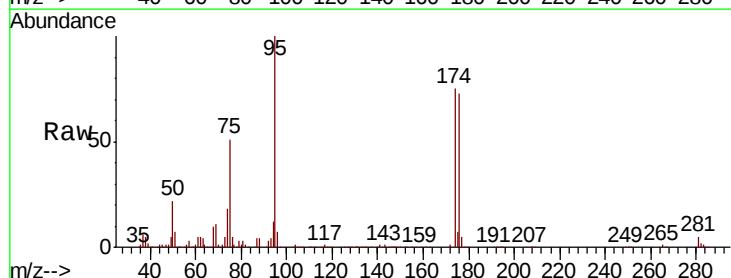
Tgt Ion: 95 Resp: 128218

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 72.1 0.0 144.4



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

100000

80000

60000

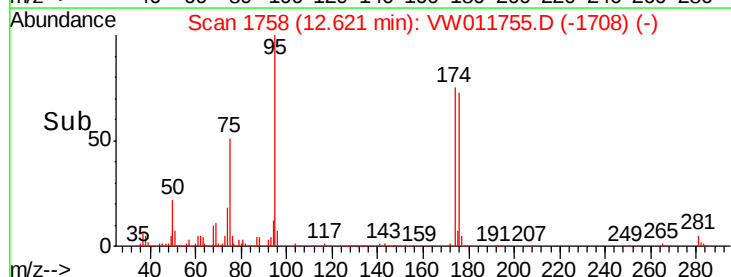
40000

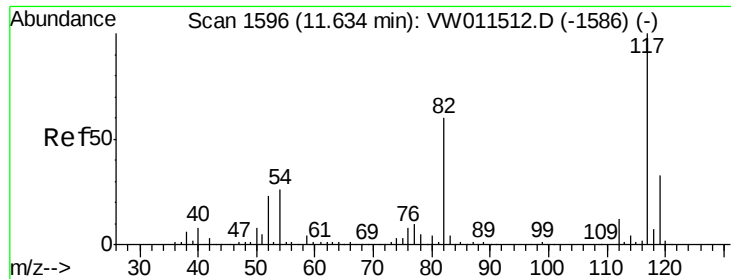
20000

0

12.50 12.60 12.70

Time-->

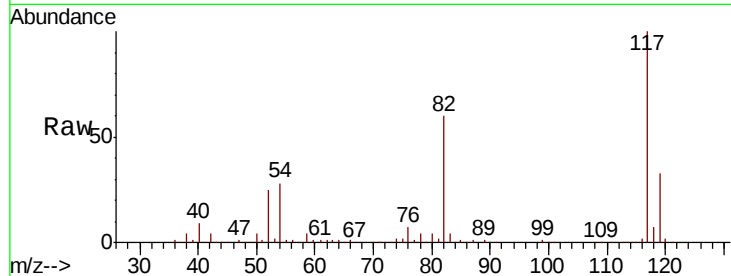




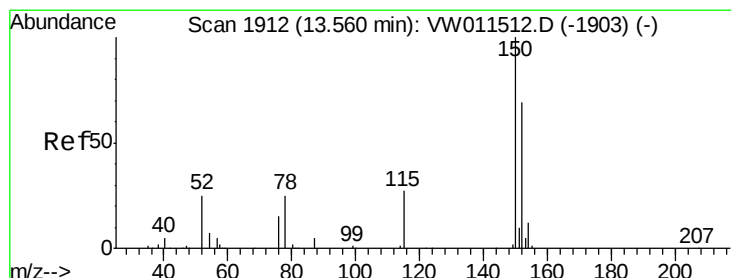
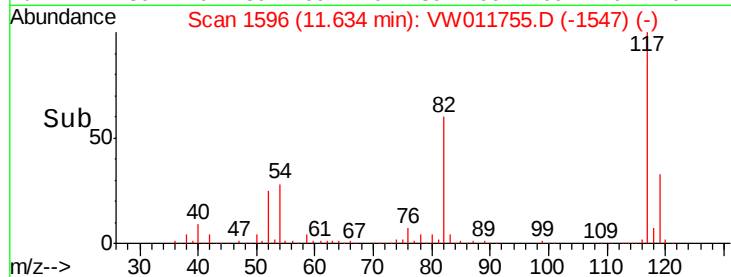
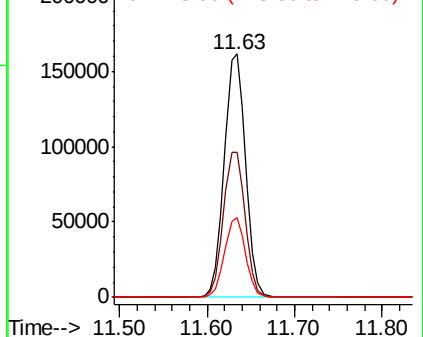
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011755.D
Acq: 07 Aug 2019 16:56

Instrument :
MSVOA_W
ClientSampled :
TP-A

Tgt Ion:117 Resp: 273390
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 32.8 26.2 39.2

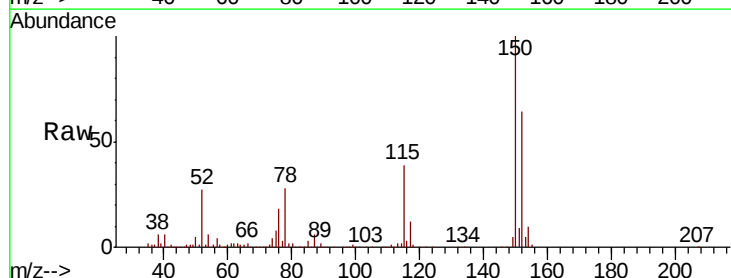


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

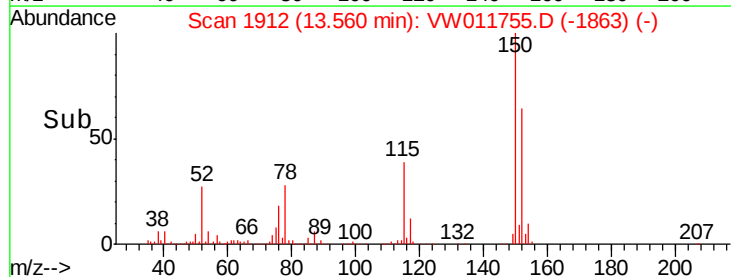
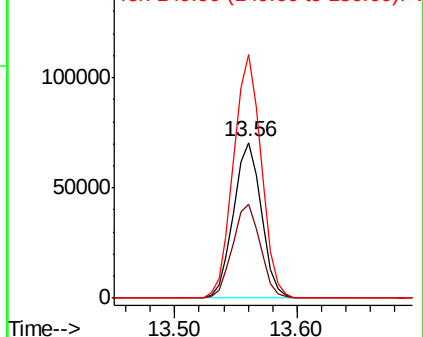


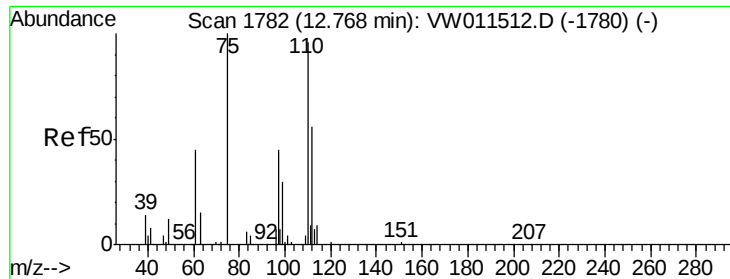
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011755.D
Acq: 07 Aug 2019 16:56

Tgt Ion:152 Resp: 110527
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 156.8 0.0 352.6



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

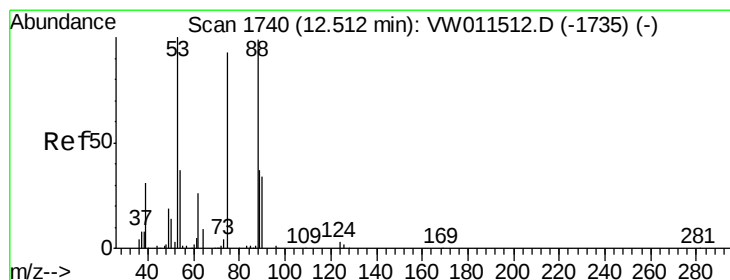
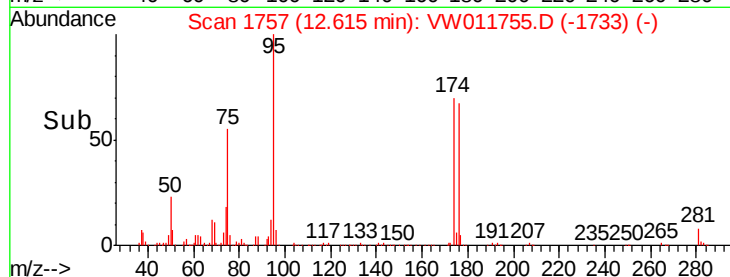
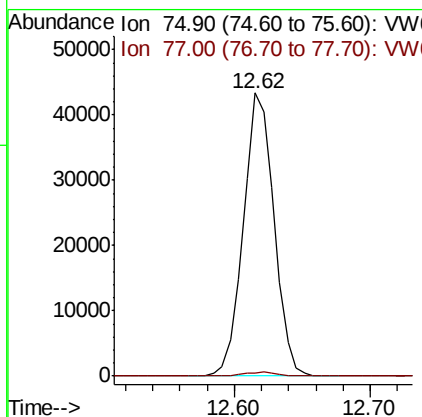
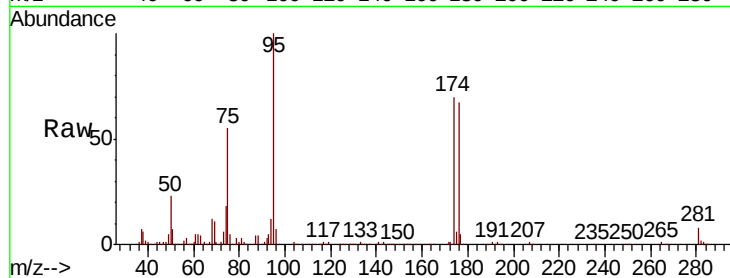




#76
 1,2,3-Trichloropropane
 Concen: 58.508 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A

Tgt Ion: 75 Resp: 68425
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.840 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011755.D
 Acq: 07 Aug 2019 16:56

Tgt Ion: 75 Resp: 68425
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.0 132.0#
 89 0.0 35.3 52.9#

