

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
 Data File : VW013384.D
 Acq On : 02 Oct 2019 17:46
 Operator : SY/VA
 Sample : K5094-01RE
 Misc : 7.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

Quant Time: Oct 03 07:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188037	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.30	65	133108	54.50	ug/l	0.00
Spiked Amount	50.000			Recovery	=	109.00%	
35) Dibromofluoromethane		7.88	113	134467	52.47	ug/l	0.00
Spiked Amount	50.000			Recovery	=	104.94%	
50) Toluene-d8		10.32	98	572553	53.84	ug/l	0.00
Spiked Amount	50.000			Recovery	=	107.68%	
62) 4-Bromofluorobenzene		12.62	95	178305	50.21	ug/l	0.00
Spiked Amount	50.000			Recovery	=	100.42%	

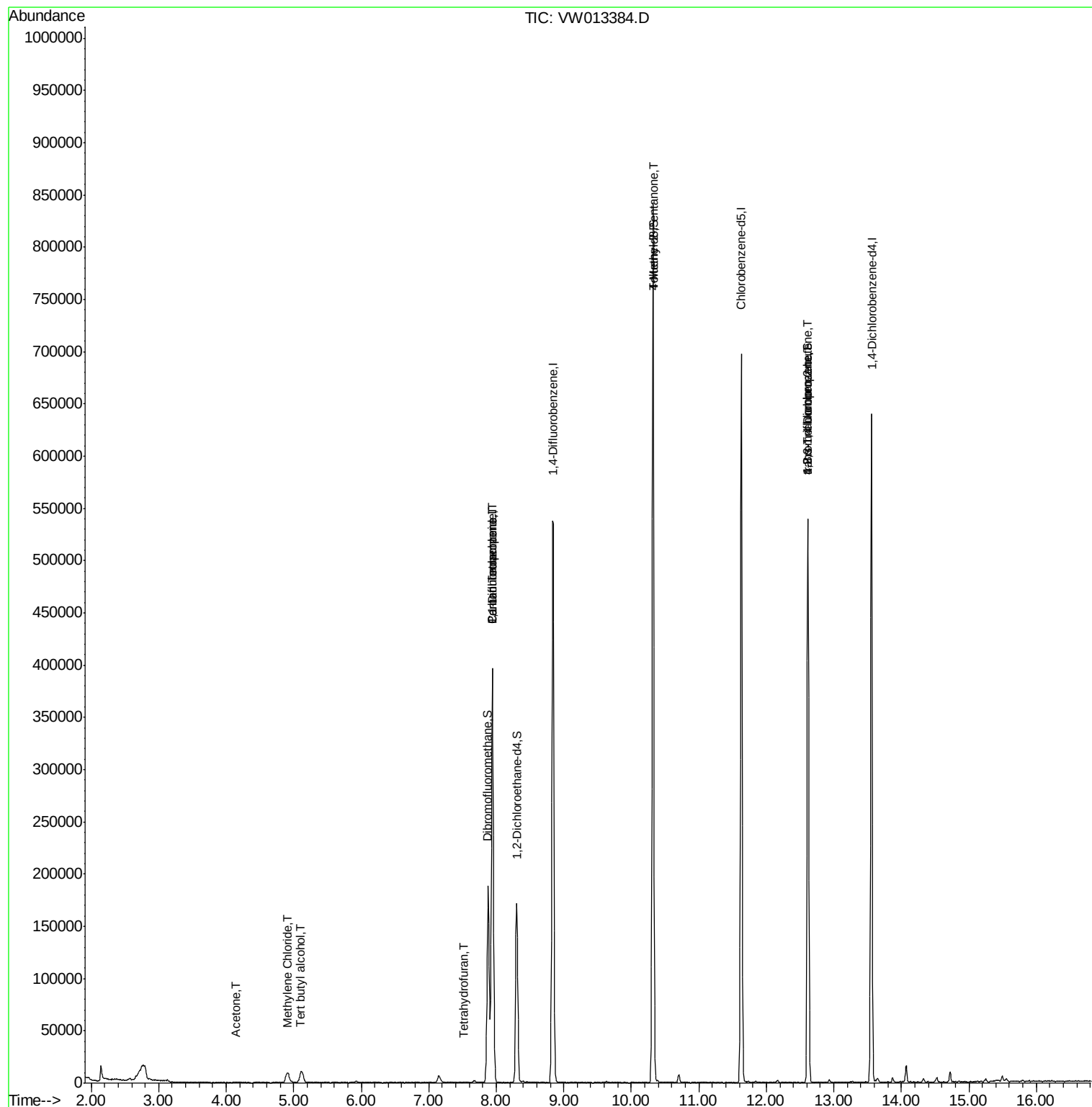
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.10	59	11520	31.077	ug/l #	73
16) Acetone	4.14	43	1347	1.799	ug/l	98
20) Methylene Chloride	4.90	84	8997	1.129	ug/l #	91
26) 2,2-Dichloropropane	7.15	77	539	Below Cal	#	52
29) Tetrahydrofuran	7.51	42	64	9.804	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	20310	4.478	ug/l #	49
38) Carbon Tetrachloride	7.95	117	27441	6.984	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	2281	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	83833	50.163	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83833	101.911	ug/l #	12

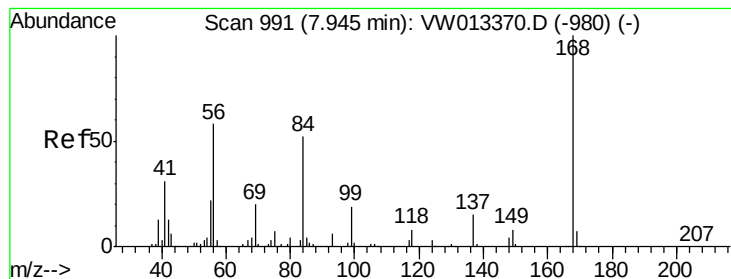
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100219\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 11:49:57 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: VW013384.D

Acq: 02 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

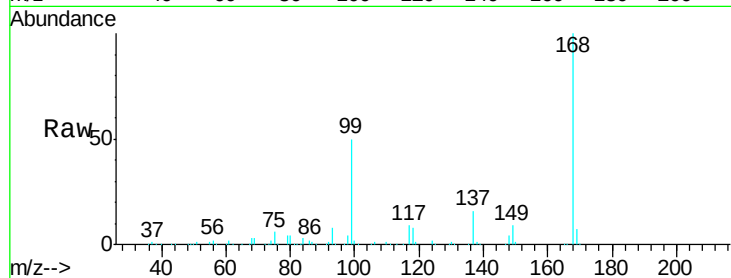
MC-17-COMPOSITE

Tgt Ion: 168 Resp: 327085

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

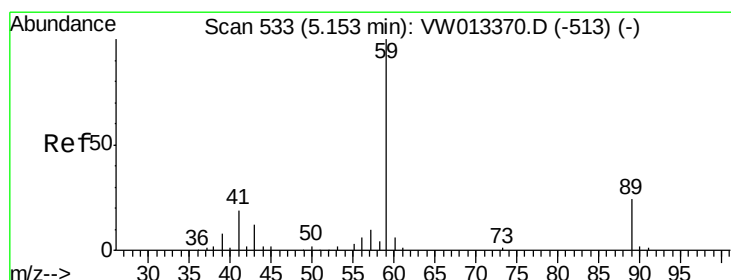
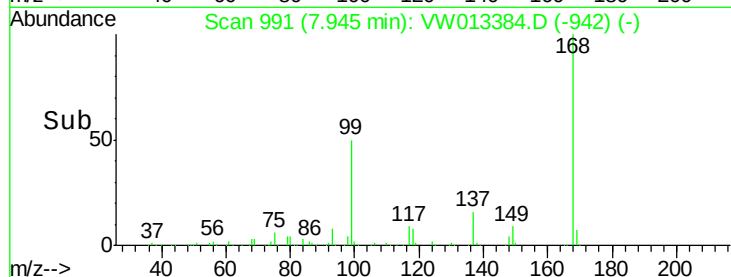
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 31.077 ug/l

RT: 5.10 min Scan# 524

Delta R.T. -0.05 min

Lab File: VW013384.D

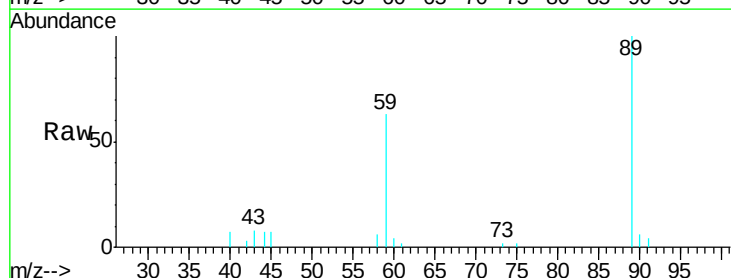
Acq: 02 Oct 2019 17:46

Tgt Ion: 59 Resp: 11520

Ion Ratio Lower Upper

59 100

57 0.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.10

3000

2500

2000

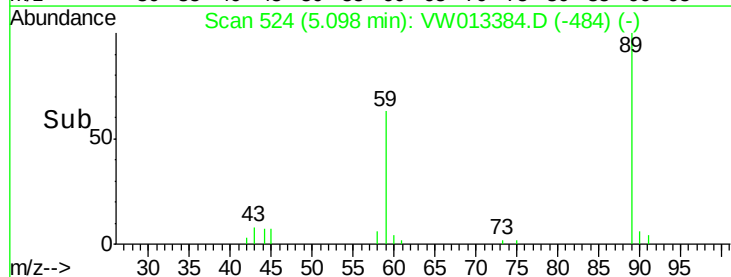
1500

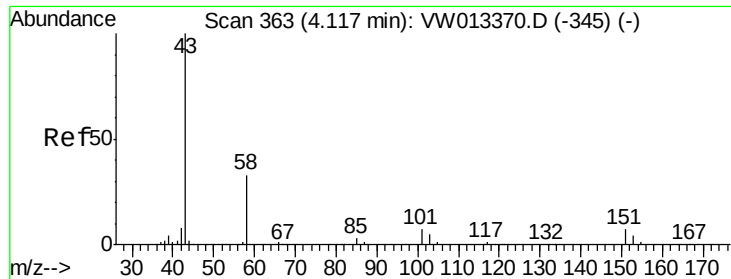
1000

500

0

Time-->





#16

Acetone

Concen: 1.799 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW013384.D

Acq: 02 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

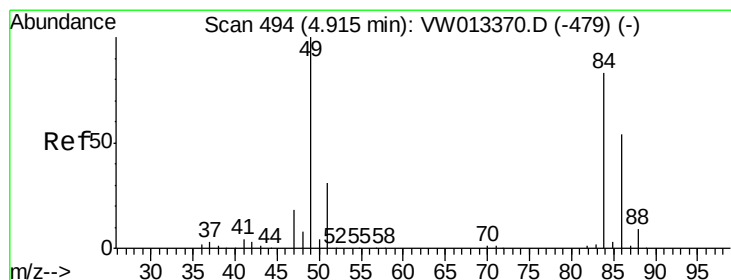
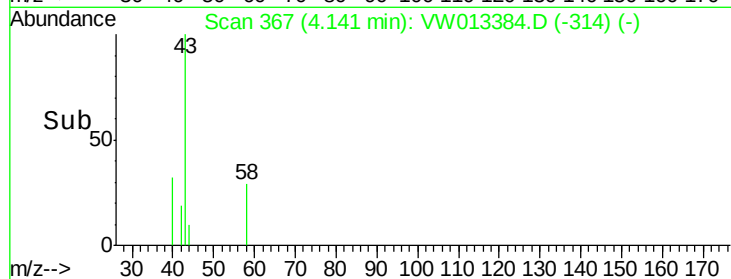
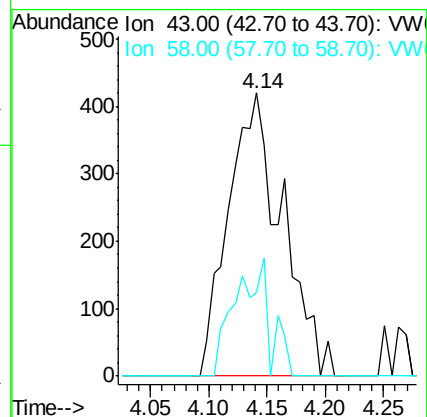
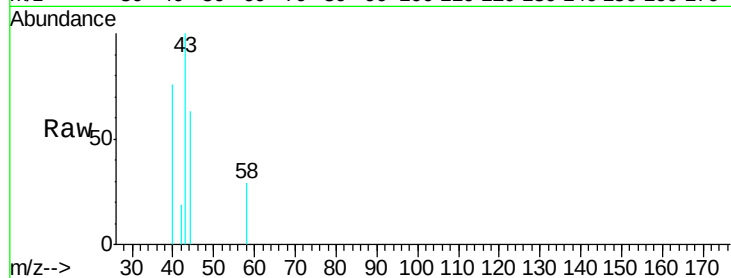
MC-17-COMPOSITE

Tgt Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

58 29.3 24.1 36.1



#20

Methylene Chloride

Concen: 1.129 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013384.D

Acq: 02 Oct 2019 17:46

Tgt Ion: 84 Resp: 8997

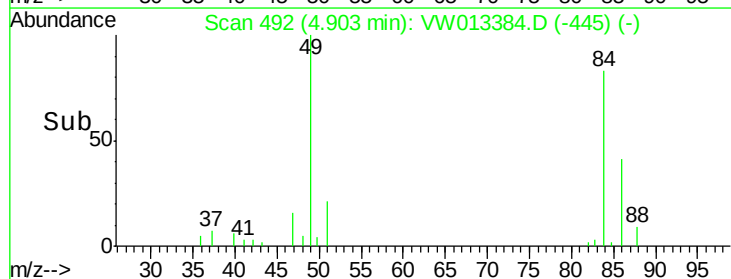
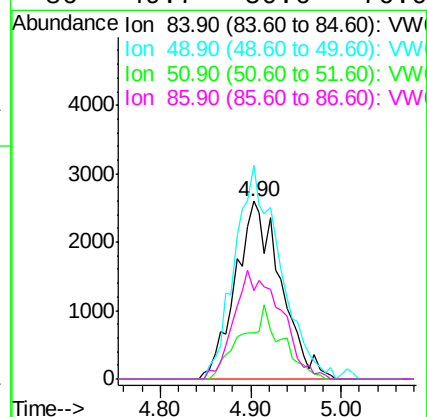
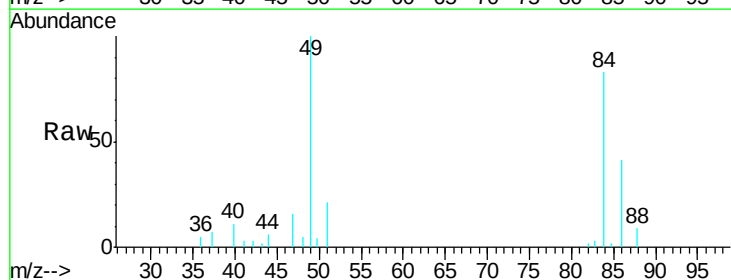
Ion Ratio Lower Upper

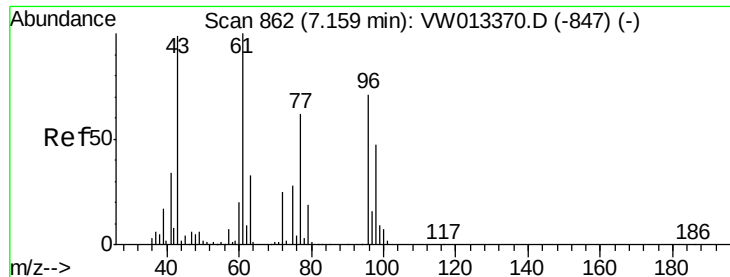
84 100

49 120.2 97.6 146.4

51 25.8 30.2 45.2#

86 49.7 50.6 76.0#

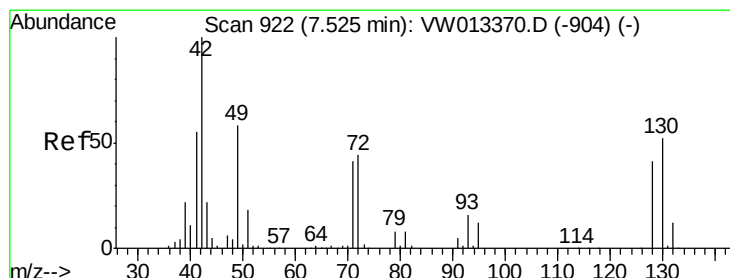
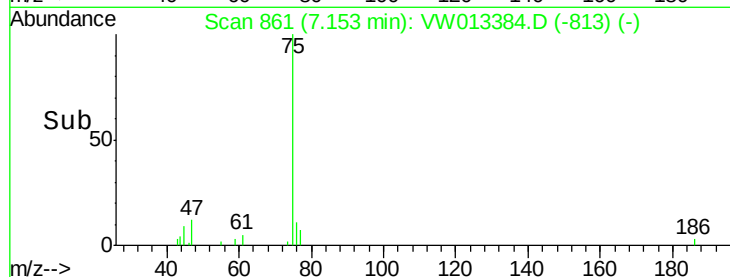
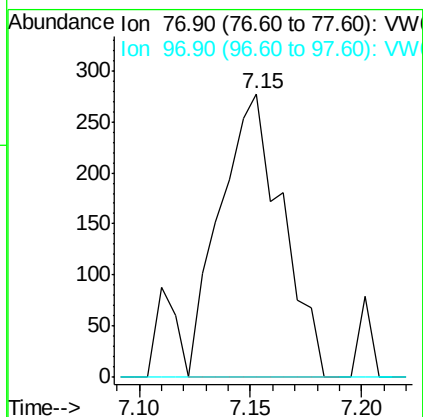
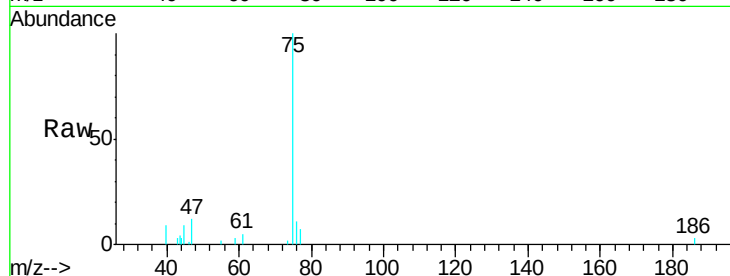




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VW013384.D
 Acq: 02 Oct 2019 17:46

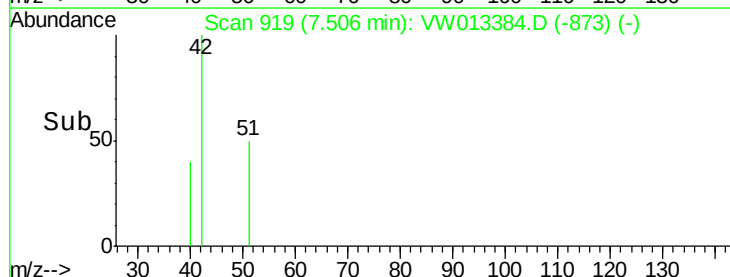
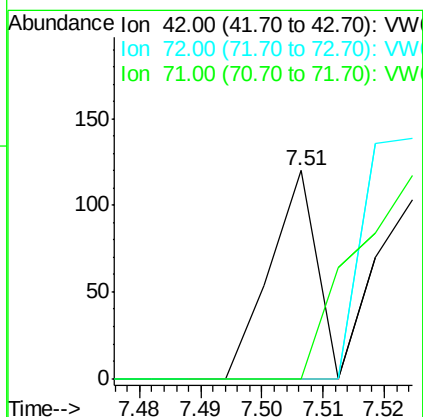
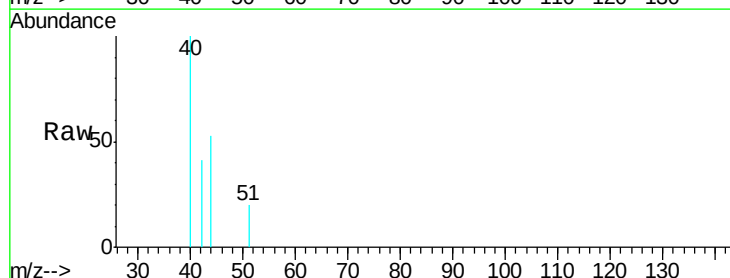
Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

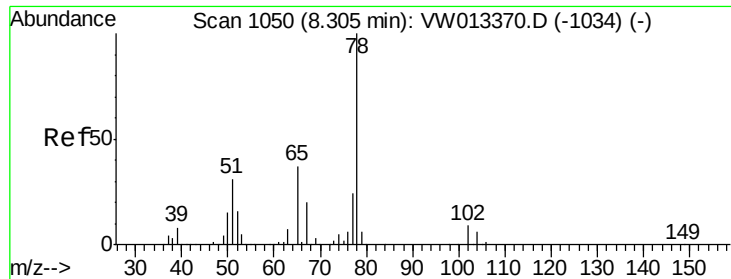
Tgt Ion: 77 Resp: 539
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 9.804 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.02 min
 Lab File: VW013384.D
 Acq: 02 Oct 2019 17:46

Tgt Ion: 42 Resp: 64
 Ion Ratio Lower Upper
 42 100
 72 223.4 33.9 50.9#
 71 0.0 31.9 47.9#

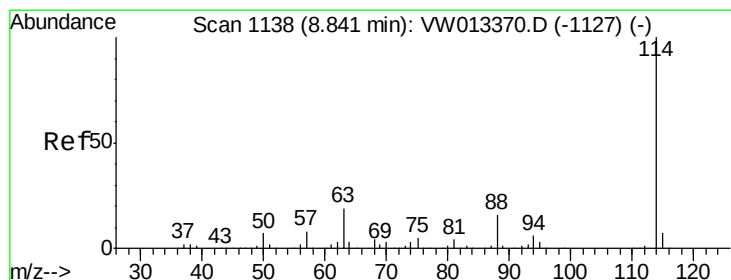
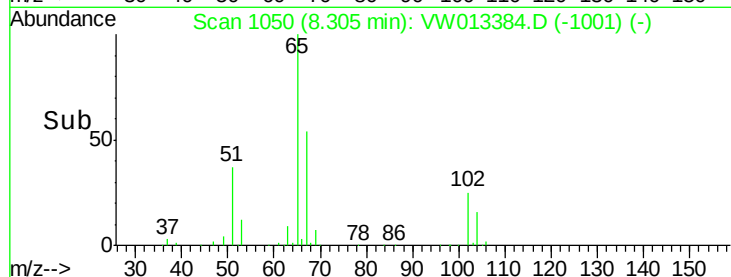
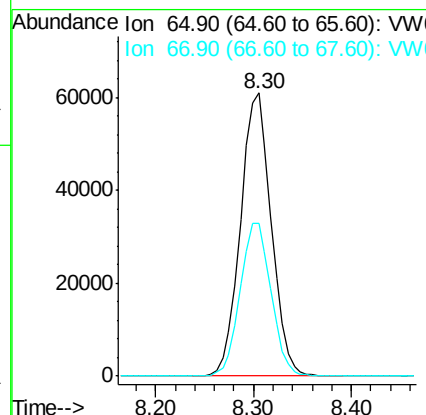
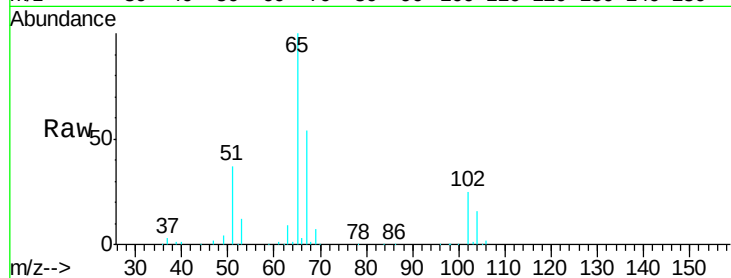




#33
 1,2-Dichloroethane-d4
 Concen: 54.502 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013384.D
 Acq: 02 Oct 2019 17:46

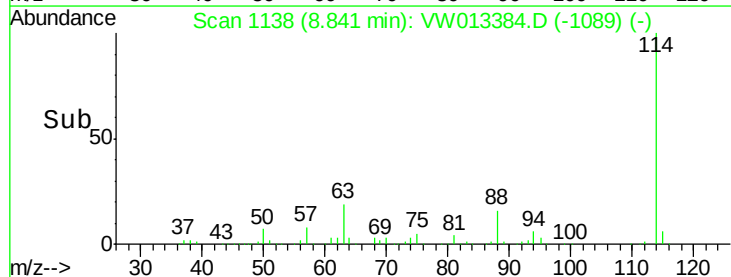
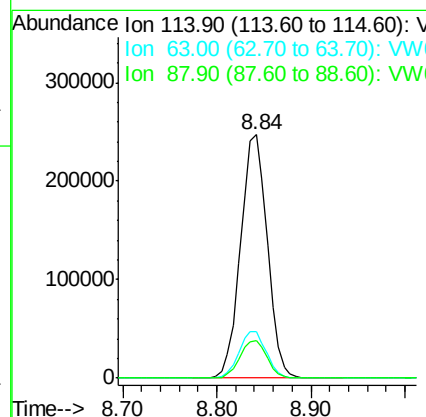
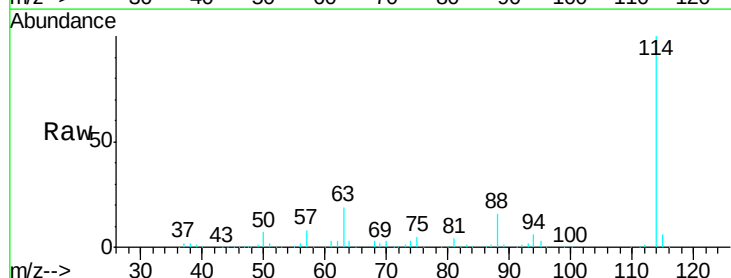
Instrument :
 MSVOA_W
 ClientSampleId :
 MC-17-COMPOSITE

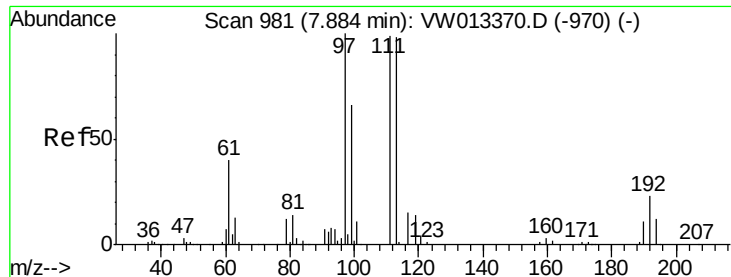
Tgt Ion: 65 Resp: 133108
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013384.D
 Acq: 02 Oct 2019 17:46

Tgt Ion: 114 Resp: 488366
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.473 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013384.D

Acq: 02 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

MC-17-COMPOSITE

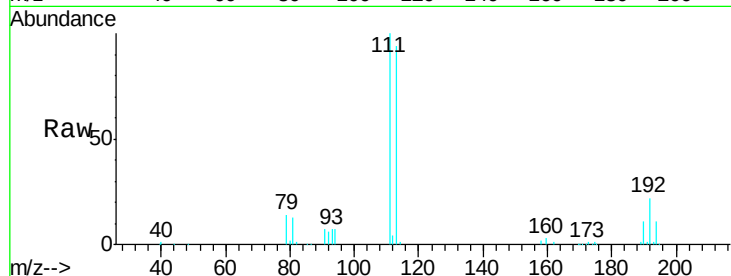
Tgt Ion:113 Resp: 134467

Ion Ratio Lower Upper

113 100

111 104.5 81.9 122.9

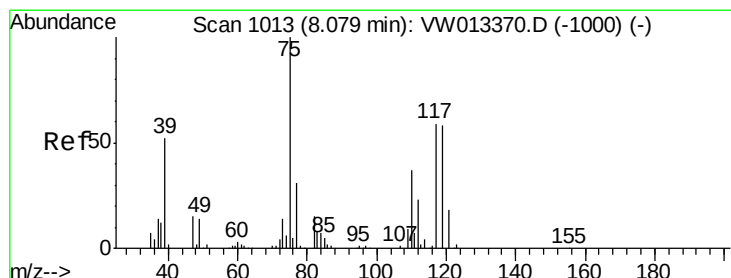
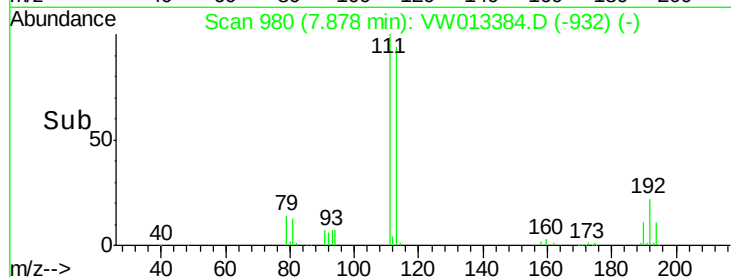
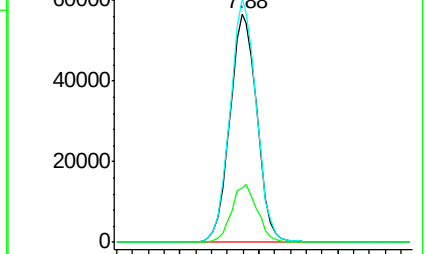
192 24.2 19.1 28.7



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: 4.478 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013384.D

Acq: 02 Oct 2019 17:46

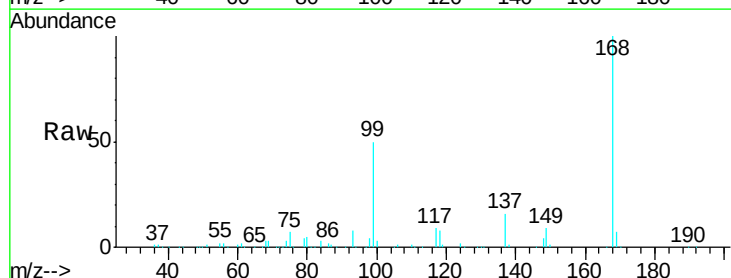
Tgt Ion: 75 Resp: 20310

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.3#

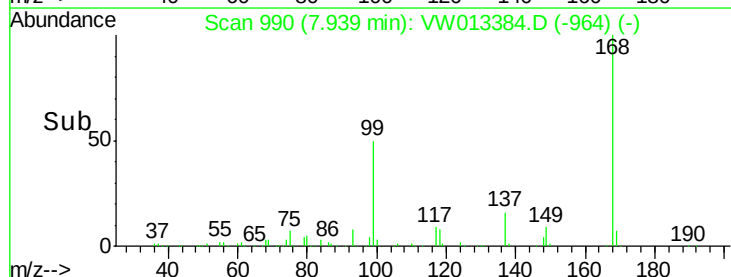
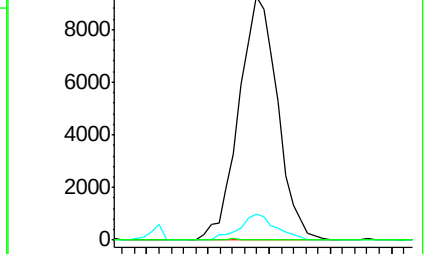
77 0.1 25.8 38.6#

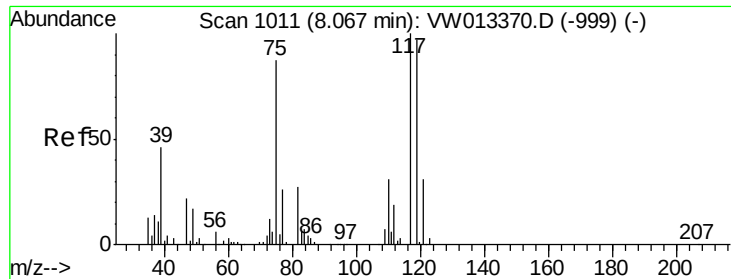


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

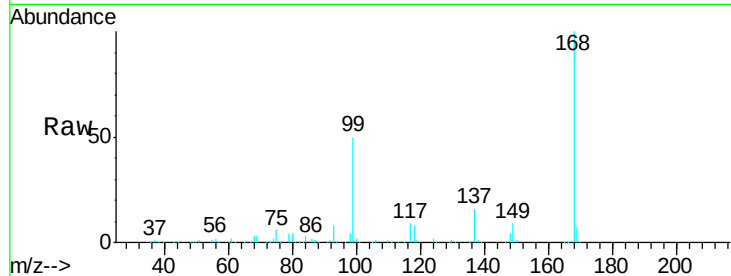




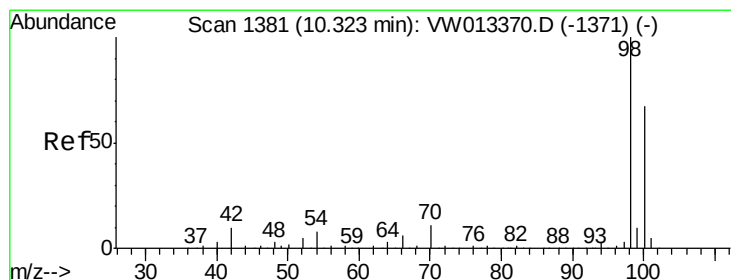
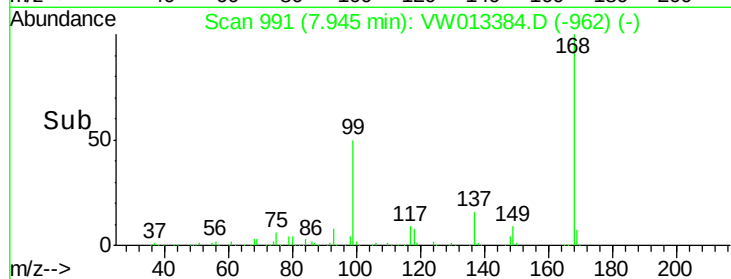
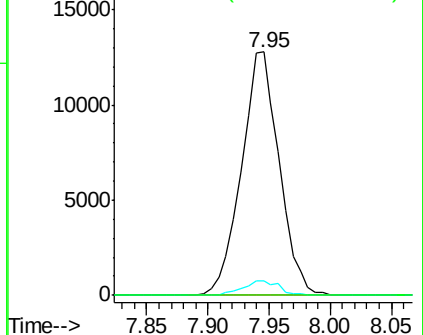
#38
Carbon Tetrachloride
Concen: 6.984 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013384.D
Acq: 02 Oct 2019 17:46

Instrument :
MSVOA_W
ClientSampleId :
MC-17-COMPOSITE

Tgt Ion: 117 Resp: 27441
Ion Ratio Lower Upper
117 100
119 6.1 73.5 110.3#
121 0.0 25.0 37.6#

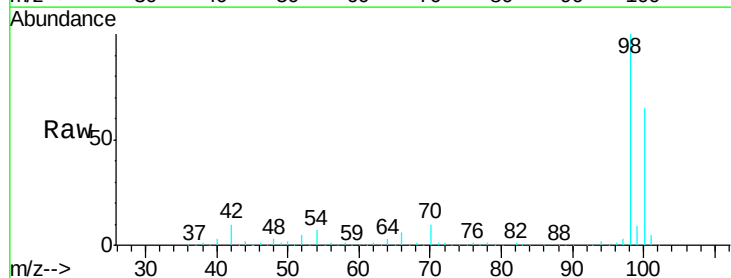


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

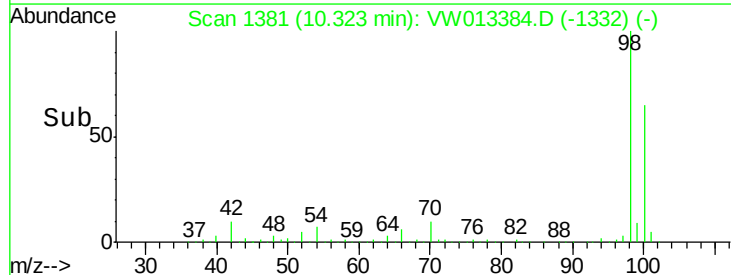
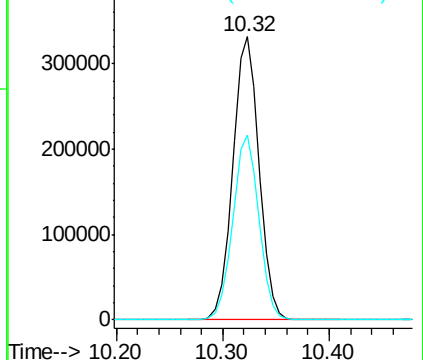


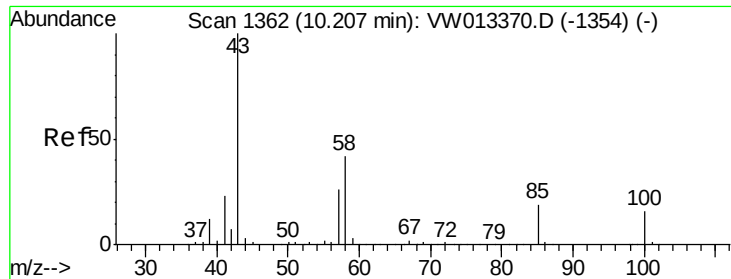
#50
Toluene-d8
Concen: 53.841 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013384.D
Acq: 02 Oct 2019 17:46

Tgt Ion: 98 Resp: 572553
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

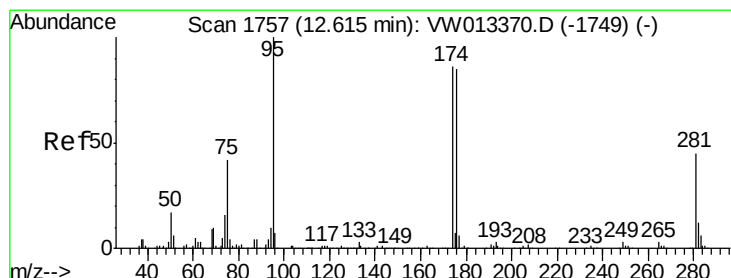
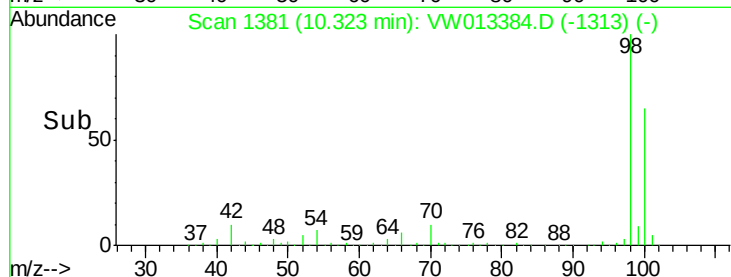
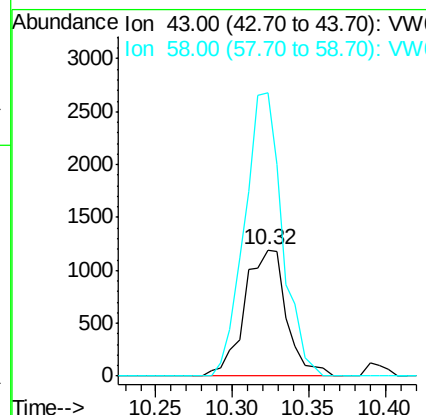
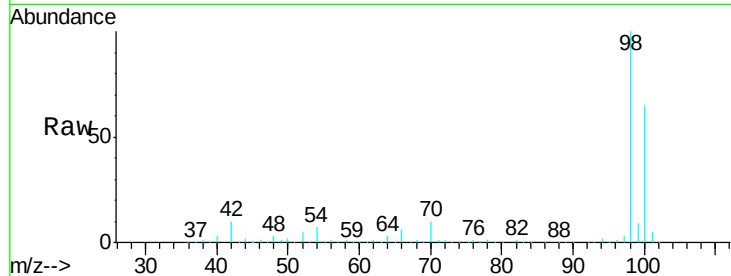




#51
 4-Methyl-2-Pentanone
 Concen: 1.152 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.12 min
 Lab File: VW013384.D
 Acq: 02 Oct 2019 17:46

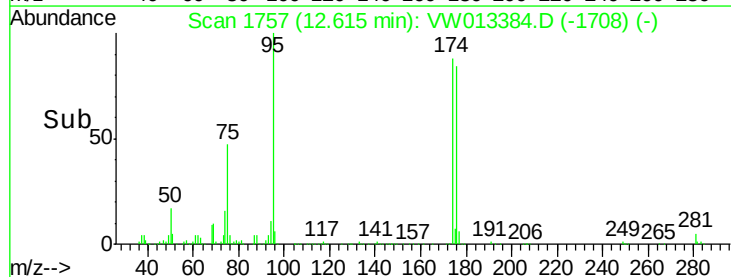
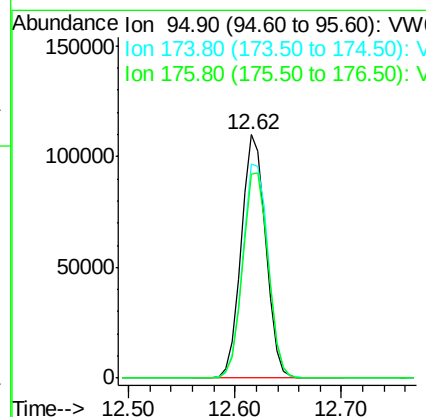
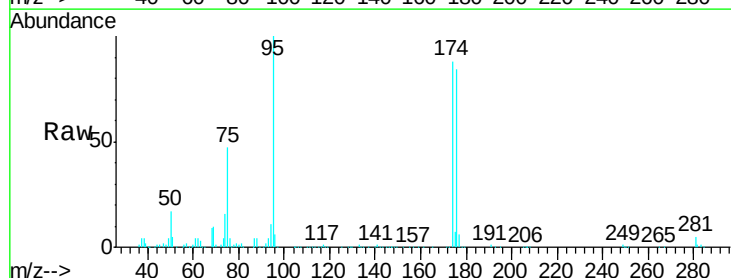
Instrument :
 MSVOA_W
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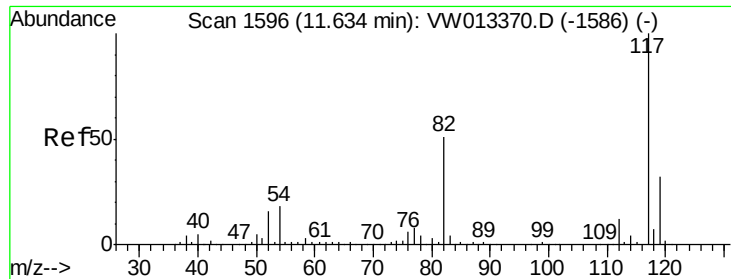
Tgt Ion: 43 Resp: 2281
 Ion Ratio Lower Upper
 43 100
 58 202.0 31.7 47.5#



#62
 4-Bromofluorobenzene
 Concen: 50.210 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013384.D
 Acq: 02 Oct 2019 17:46

Tgt Ion: 95 Resp: 178305
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 178.4
 176 87.8 0.0 172.2

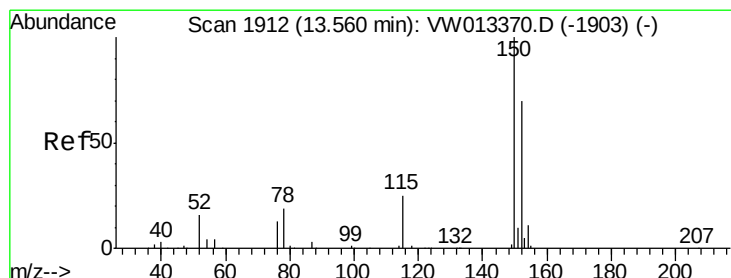
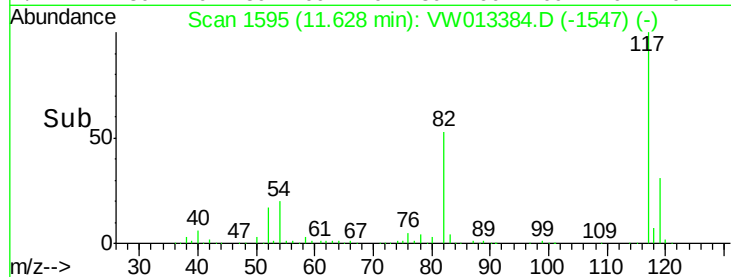
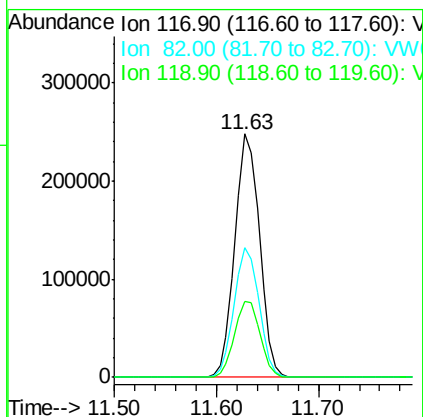
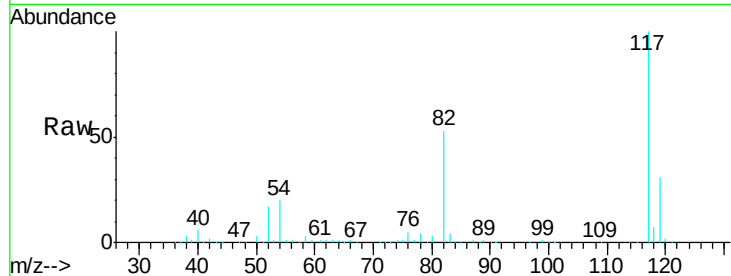




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013384.D
Acq: 02 Oct 2019 17:46

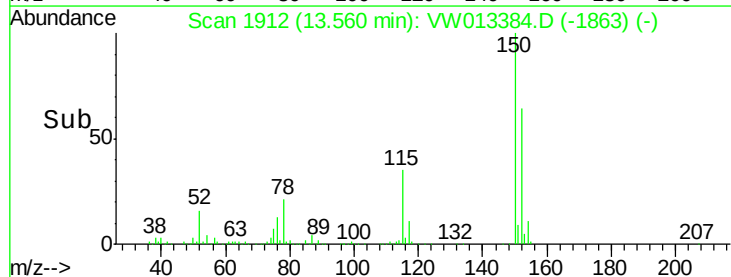
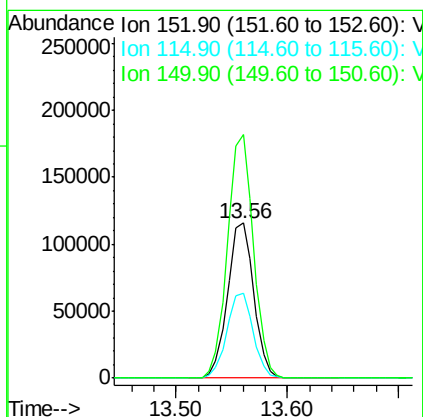
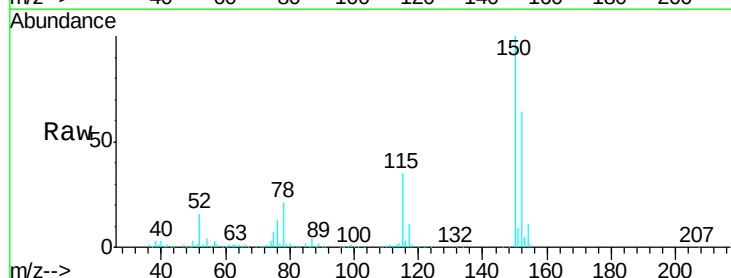
Instrument :
MSVOA_W
ClientSampleId :
MC-17-COMPOSITE

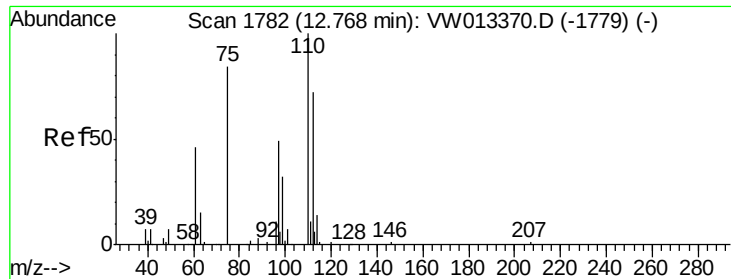
Tgt Ion:117 Resp: 415936
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013384.D
Acq: 02 Oct 2019 17:46

Tgt Ion:152 Resp: 188037
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 155.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 50.163 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013384.D

Acq: 02 Oct 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

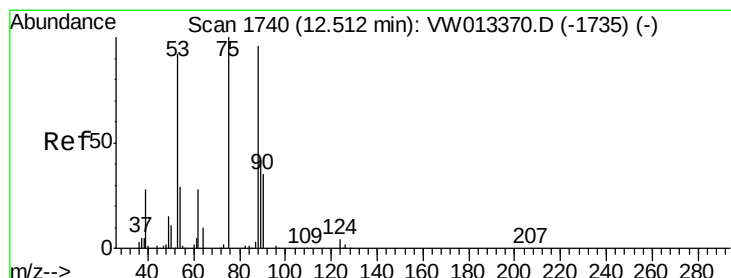
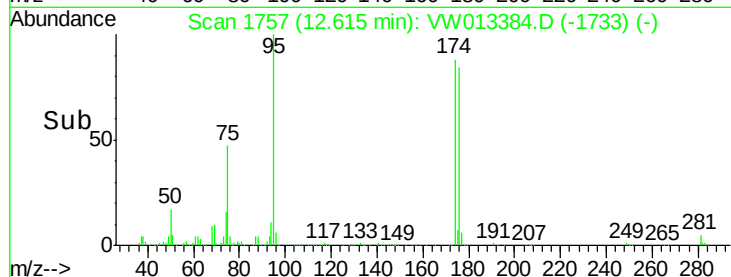
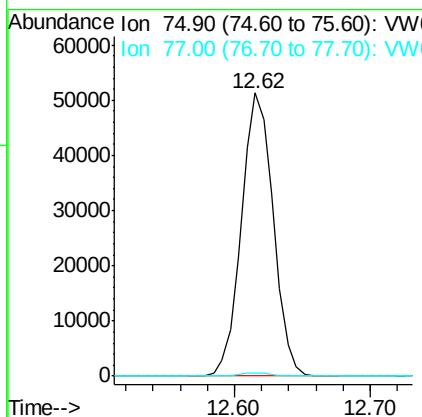
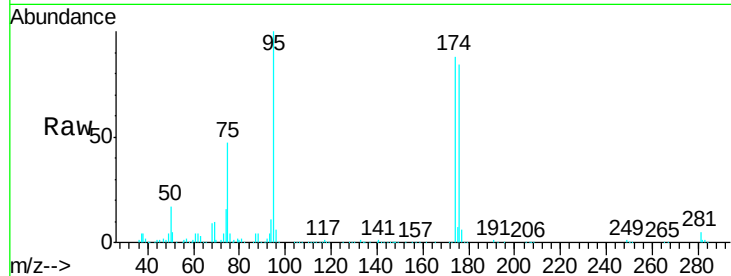
MC-17-COMPOSITE

Tgt Ion: 75 Resp: 83833

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.911 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013384.D

Acq: 02 Oct 2019 17:46

Tgt Ion: 75 Resp: 83833

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.1 33.5 50.3#

