

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013380.D
 Acq On : 02 Oct 2019 16:04
 Operator : SY/VA
 Sample : K5083-05RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190704-RR-COMPOSITE-4

Quant Time: Oct 02 16:26:31 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	279619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118627	56.82	ug/l	0.00
Spiked Amount						
			Recovery	=	113.64%	
35) Dibromofluoromethane	7.88	113	120096	54.80	ug/l	0.00
Spiked Amount						
			Recovery	=	109.60%	
50) Toluene-d8	10.32	98	476830	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	152014	50.05	ug/l	0.00
Spiked Amount						
			Recovery	=	100.10%	

Target Compounds

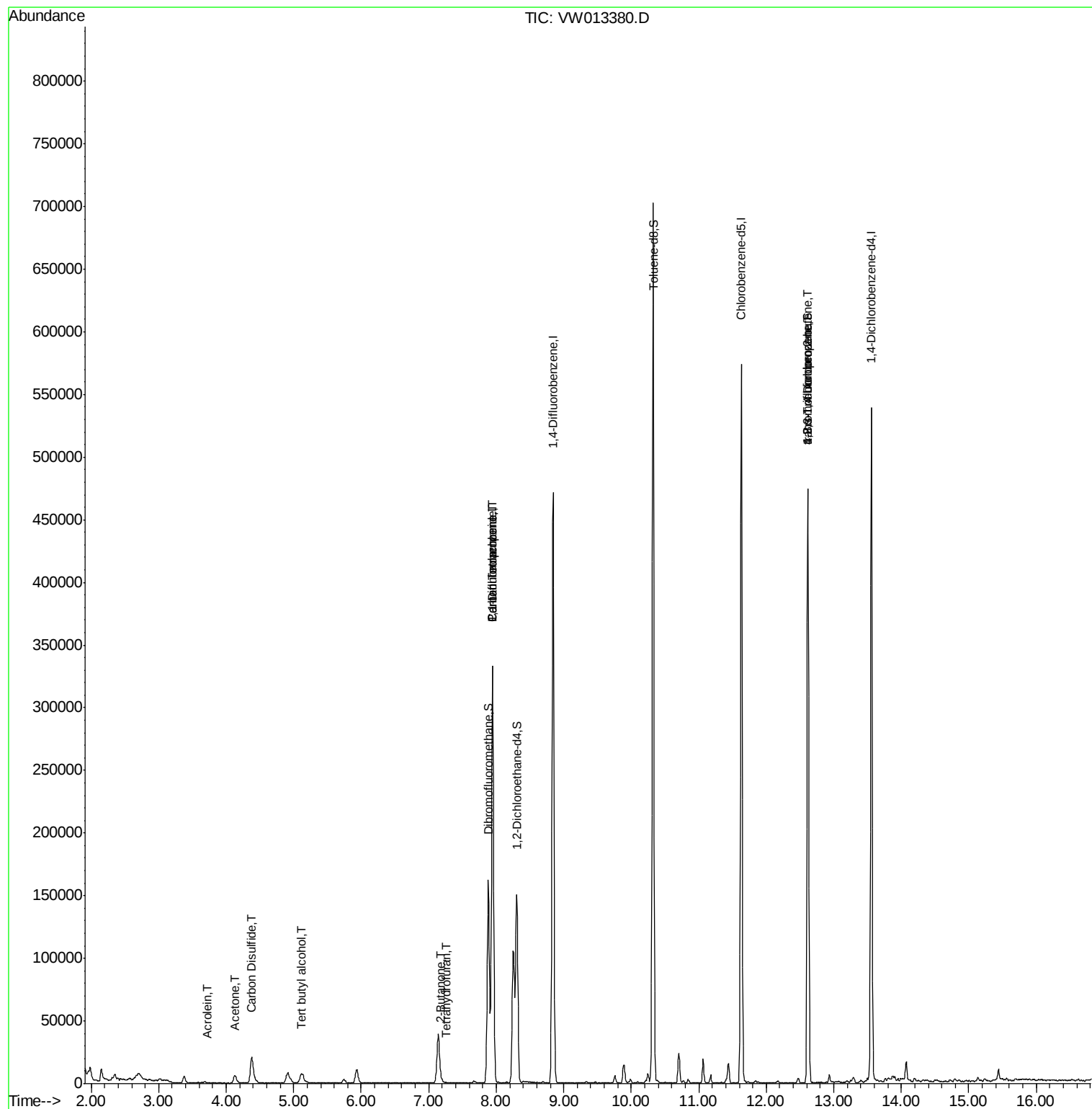
						Qvalue
11) Tert butyl alcohol	5.12	59	9283	27.037	ug/l #	73
13) Acrolein	3.72	56	19	10.664	ug/l #	1
16) Acetone	4.13	43	12307	19.231	ug/l	95
17) Carbon Disulfide	4.38	76	46792	6.516	ug/l	97
25) 2-Butanone	7.18	43	1194	1.458	ug/l	100
26) 2,2-Dichloropropane	7.15	77	2854	Below Cal	#	52
29) Tetrahydrofuran	7.26	42	23	9.740	ug/l #	8
36) 1,1-Dichloropropene	7.94	75	17715	4.566	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24289	7.228	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	70098	49.859	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70098	101.319	ug/l #	12

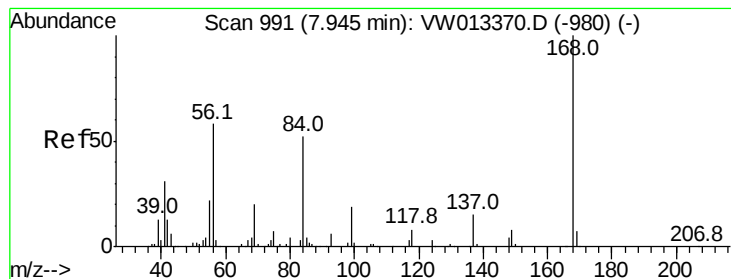
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW013380.D
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20190704-RR-COMPOSITE-4

Quant Time: Oct 02 16:26:31 2019
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: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

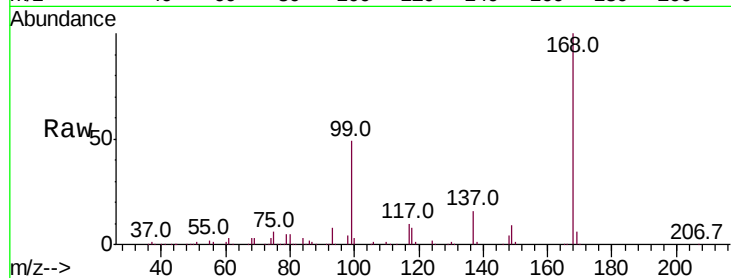
20190704-RR-COMPOSITE-4

Tot Ion:168 Resp: 279619

Ion Ratio Lower Upper

168 100

99 48.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

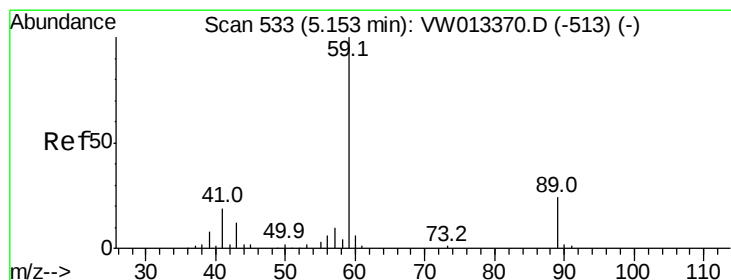
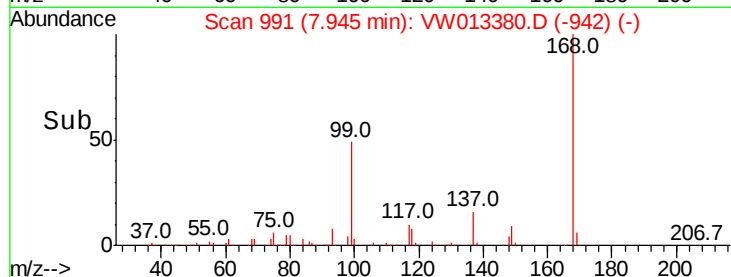
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 27.037 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: VW013380.D

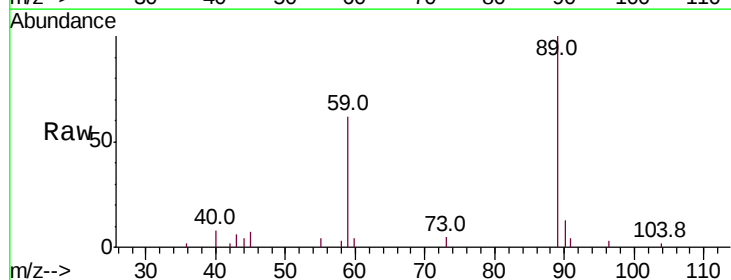
Acq: 02 Oct 2019 16:04

Tgt Ion: 59 Resp: 9283

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

2500

2000

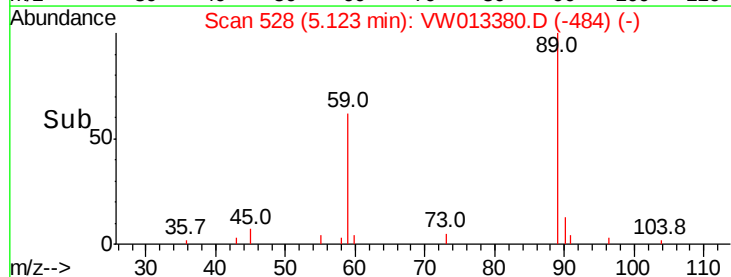
1500

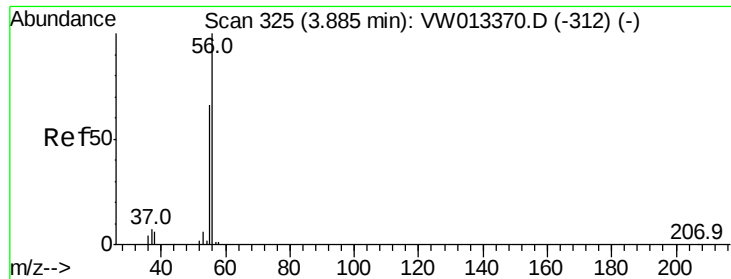
1000

500

0

Time-->





#13

Acrolein

Concen: 10.664 ug/l

RT: 3.72 min Scan# 298

Delta R.T. -0.16 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

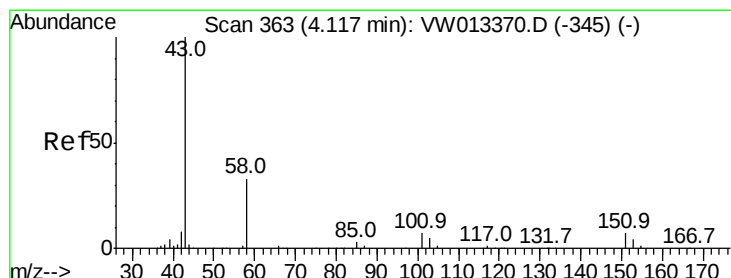
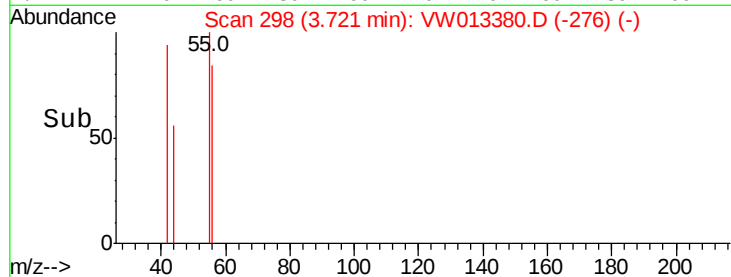
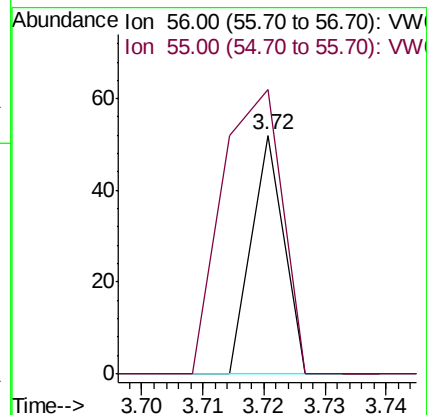
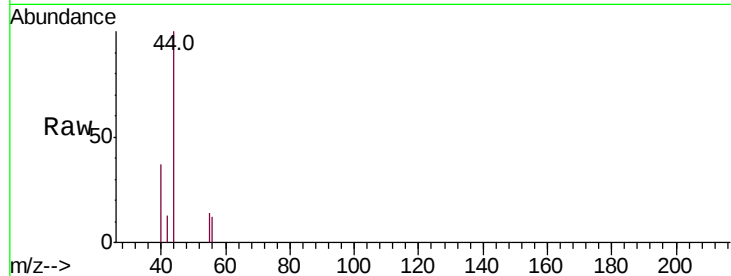
20190704-RR-COMPOSITE-4

Tot Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 221.1 55.4 83.0#



#16

Acetone

Concen: 19.231 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013380.D

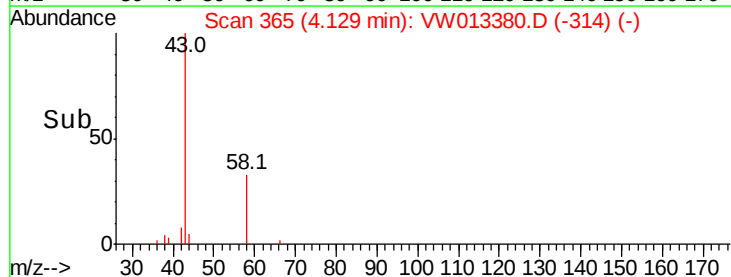
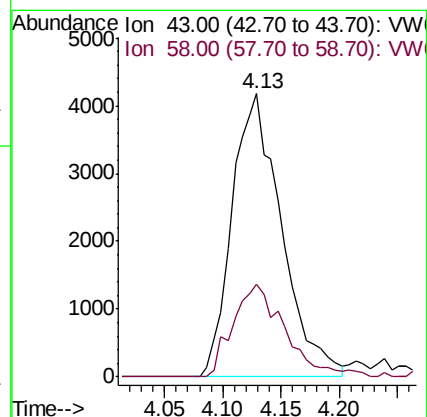
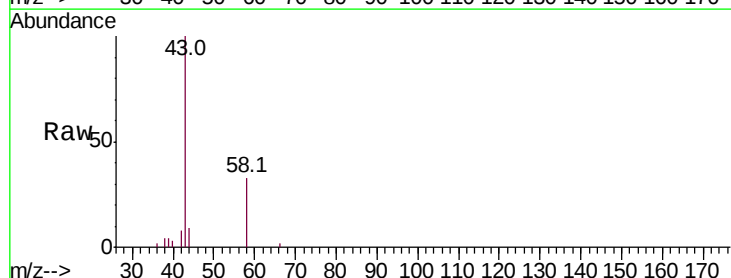
Acq: 02 Oct 2019 16:04

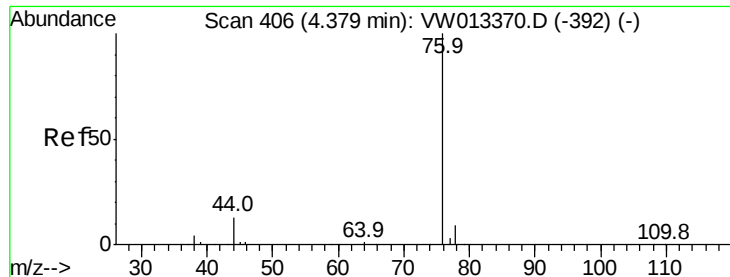
Tgt Ion: 43 Resp: 12307

Ion Ratio Lower Upper

43 100

58 32.7 24.1 36.1

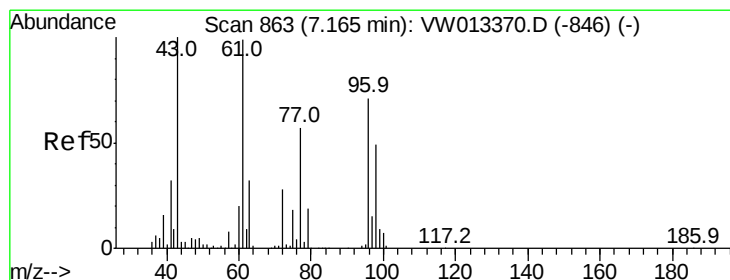
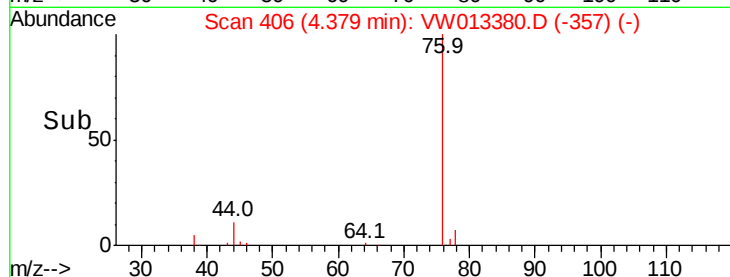
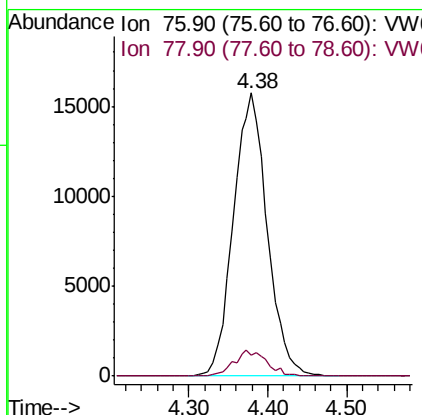
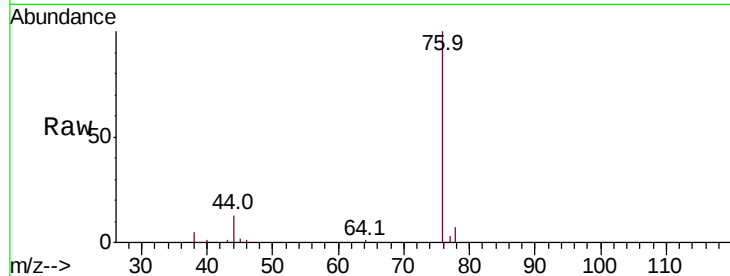




#17
Carbon Disulfide
Concen: 6.516 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

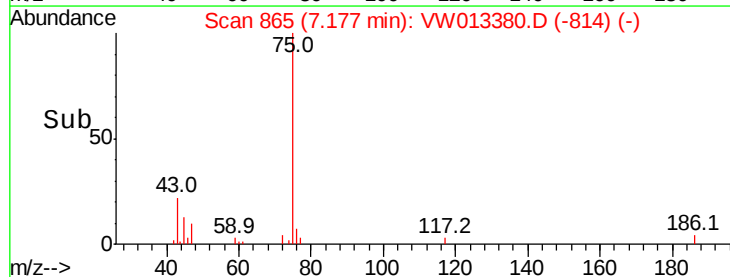
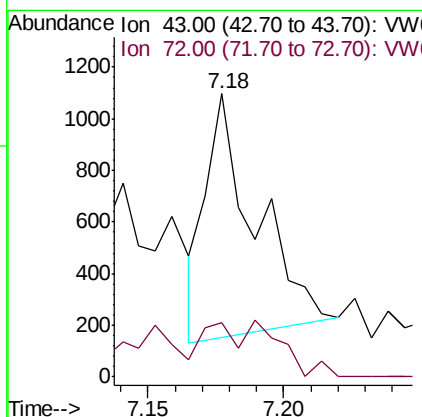
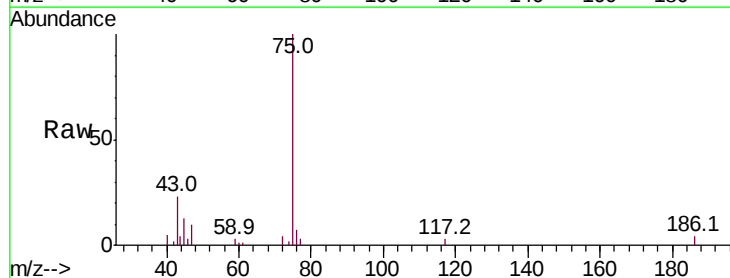
Instrument :
MSVOA_W
ClientSampleId :
20190704-RR-COMPOSITE-4

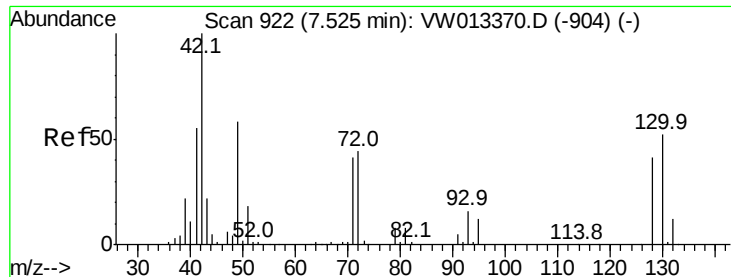
Tot Ion: 76 Resp: 46792
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4



#25
2-Butanone
Concen: 1.458 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.0

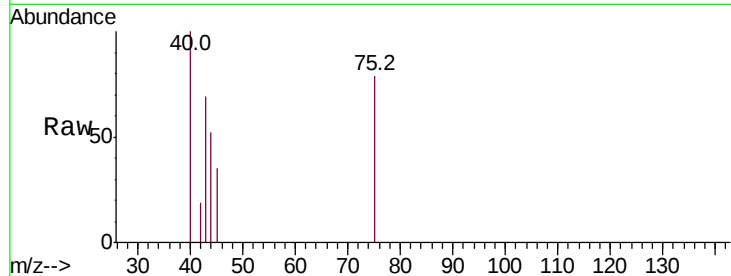




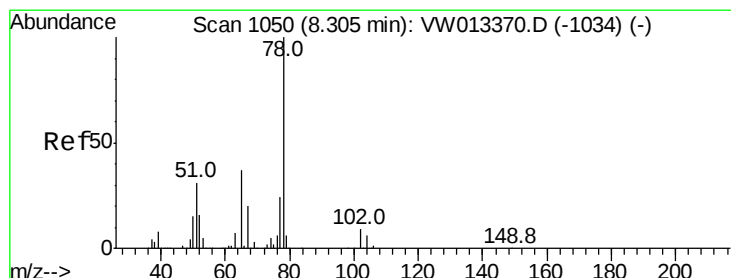
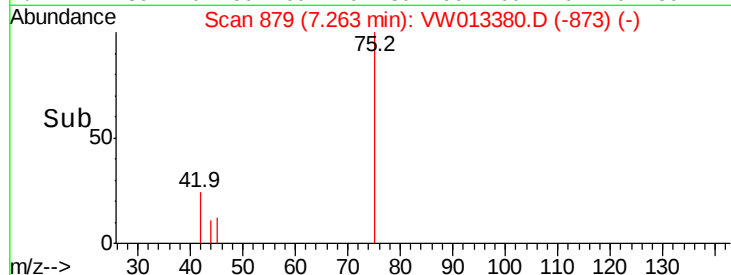
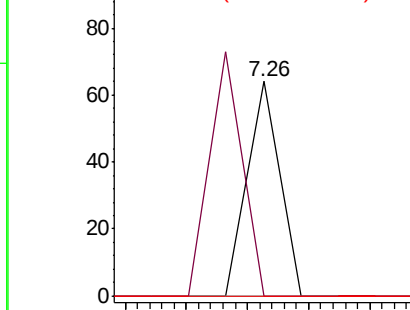
#29
Tetrahydrofuran
Concen: 9.740 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Instrument :
MSVOA_W
ClientSampleId :
20190704-RR-COMPOSITE-4

Tot Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
72 117.4 33.9 50.9#
71 0.0 31.9 47.9#

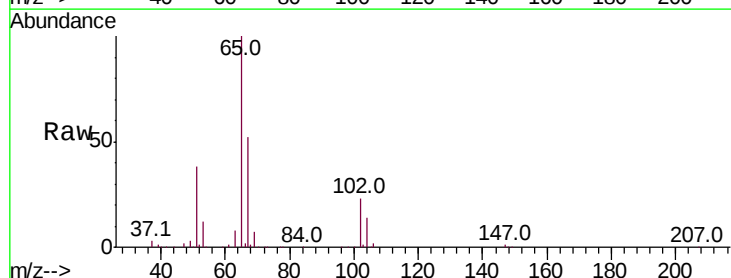


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

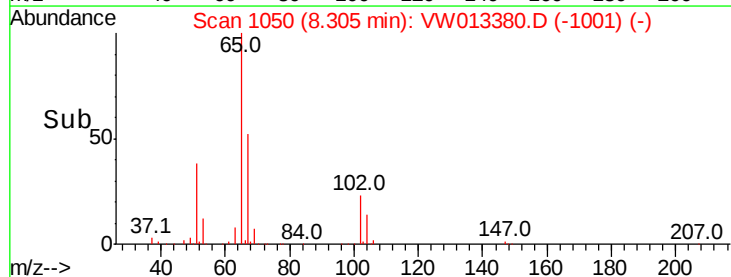
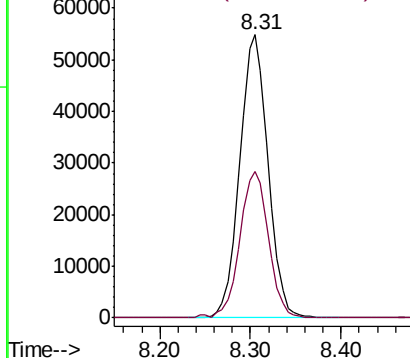


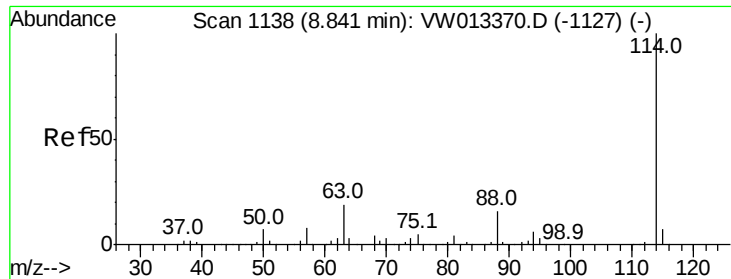
#33
1,2-Dichloroethane-d4
Concen: 56.818 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW013380.D
Acq: 02 Oct 2019 16:04

Tgt Ion: 65 Resp: 118627
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2



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: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

20190704-RR-COMPOSITE-4

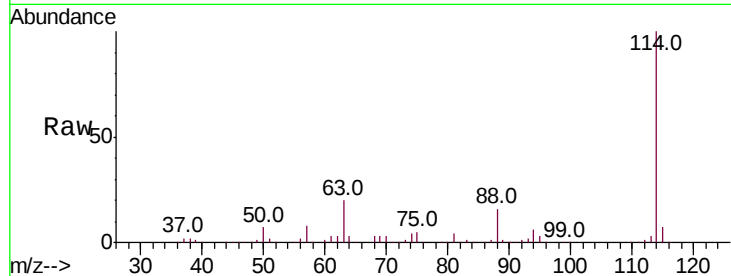
Tot Ion:114 Resp: 417670

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

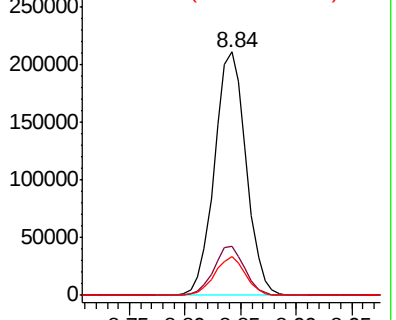
88 15.8 0.0 32.0



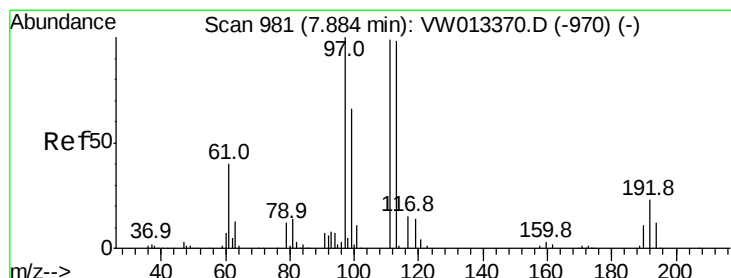
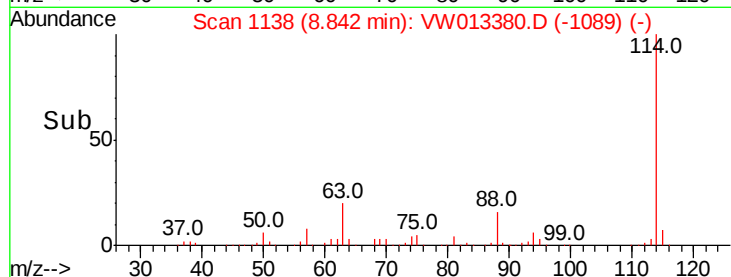
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->



#35

Dibromofluoromethane

Concen: 54.798 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

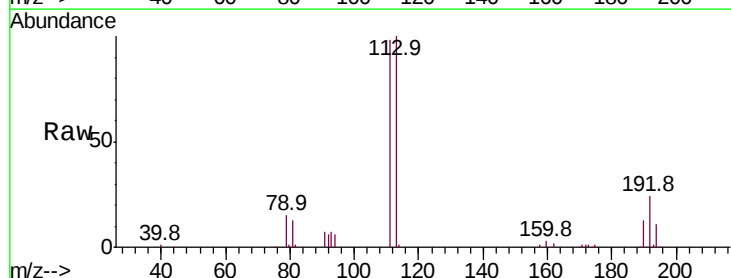
Tgt Ion:113 Resp: 120096

Ion Ratio Lower Upper

113 100

111 98.7 81.9 122.9

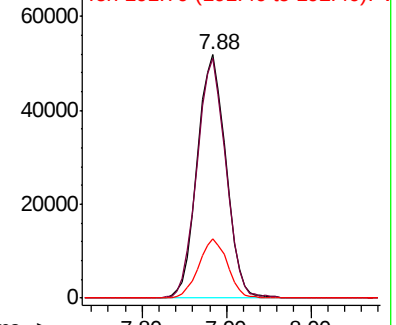
192 24.1 19.1 28.7



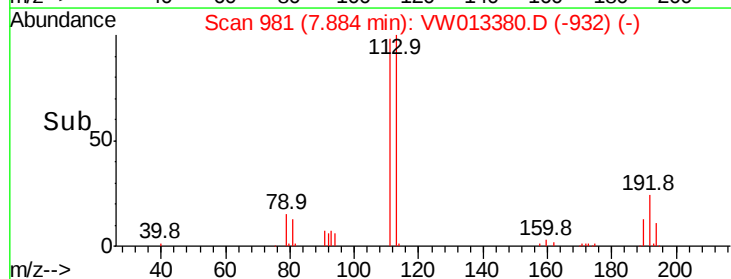
Abundance Ion 112.80 (112.50 to 113.50): V

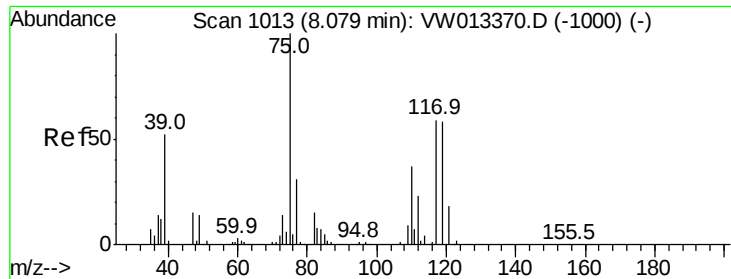
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 4.566 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

20190704-RR-COMPOSITE-4

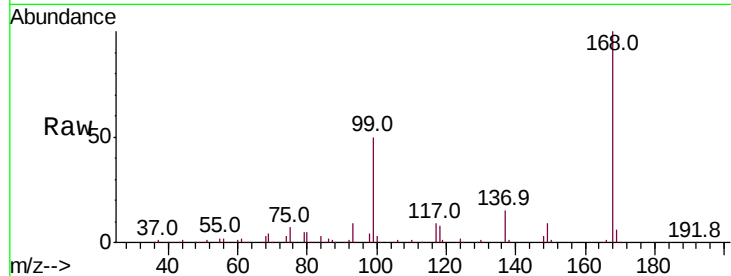
Tot Ion: 75 Resp: 17715

Ion Ratio Lower Upper

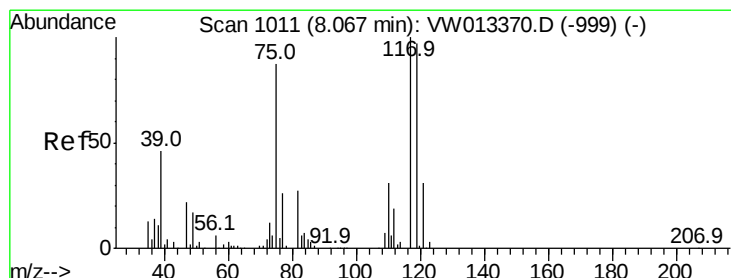
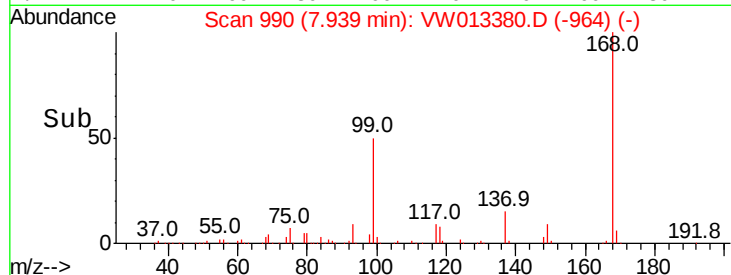
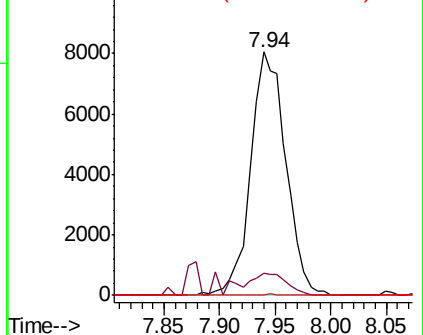
75 100

110 8.7 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: 7.228 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

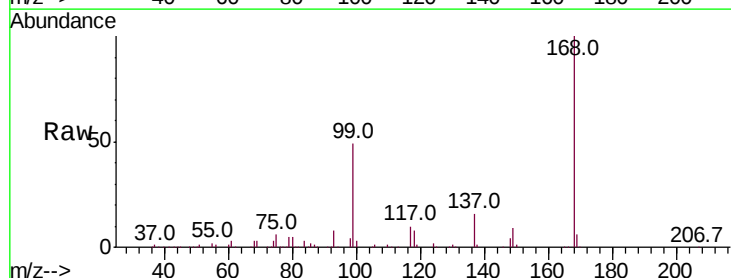
Tgt Ion: 117 Resp: 24289

Ion Ratio Lower Upper

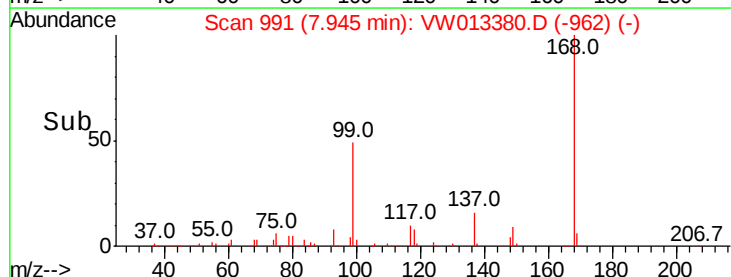
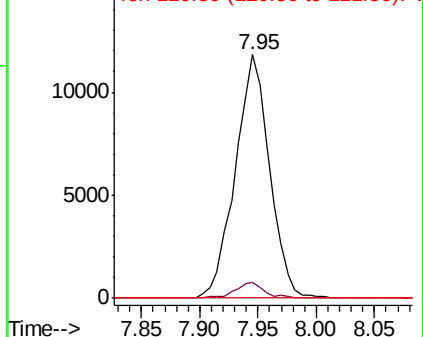
117 100

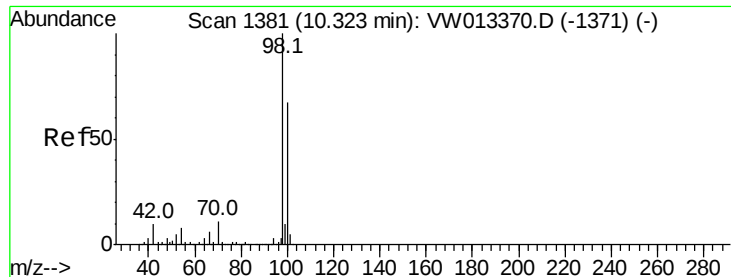
119 6.3 73.5 110.3#

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: 52.429 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

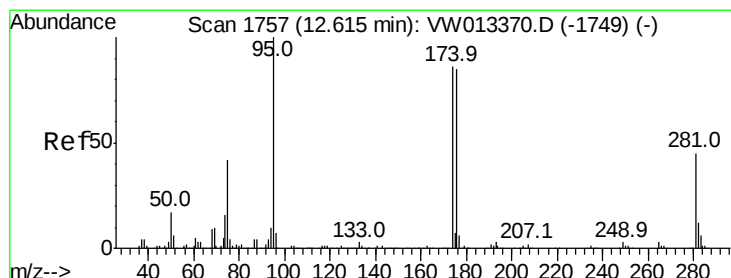
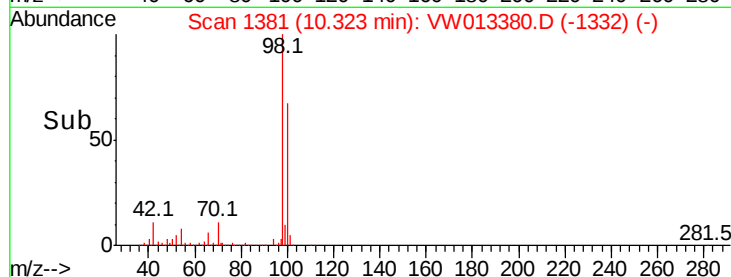
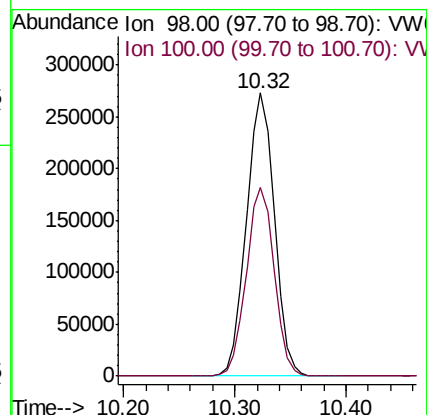
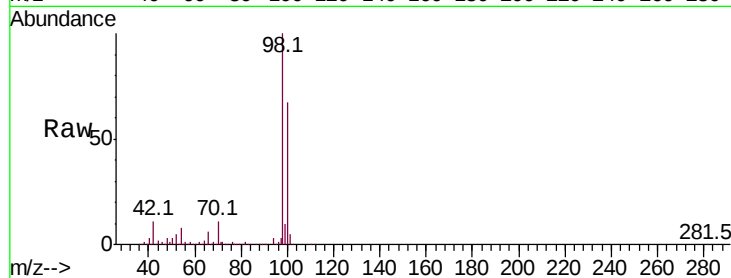
20190704-RR-COMPOSITE-4

Tot Ion: 98 Resp: 476830

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 50.053 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

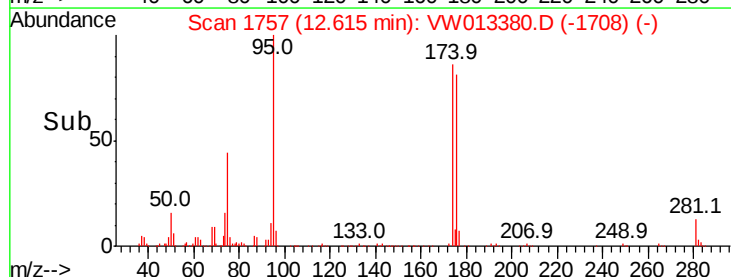
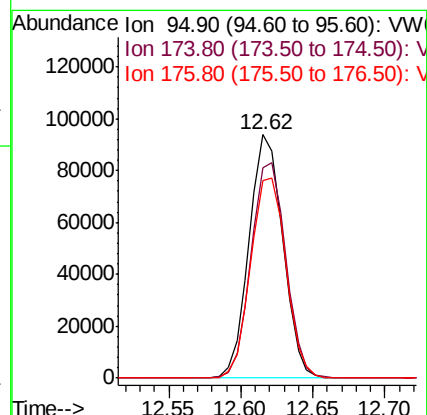
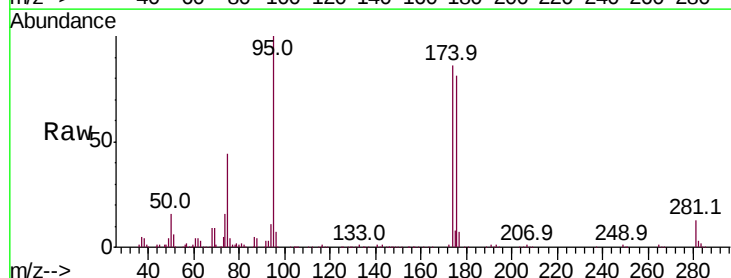
Tgt Ion: 95 Resp: 152014

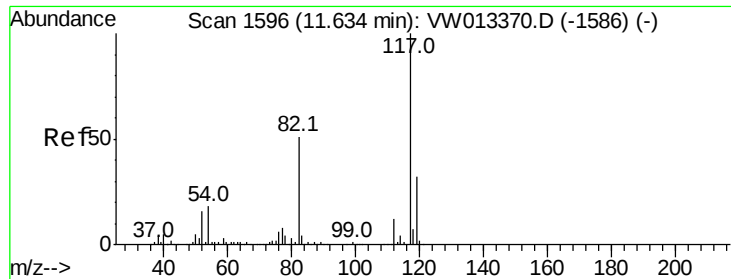
Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.4

176 86.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

20190704-RR-COMPOSITE-4

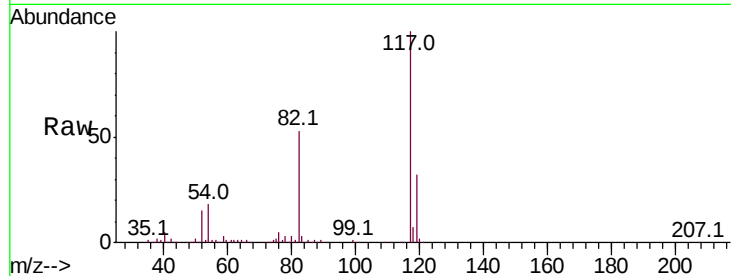
Tot Ion:117 Resp: 352057

Ion Ratio Lower Upper

117 100

82 52.8 45.9 68.9

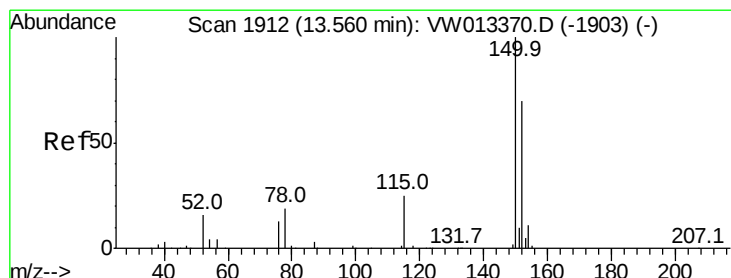
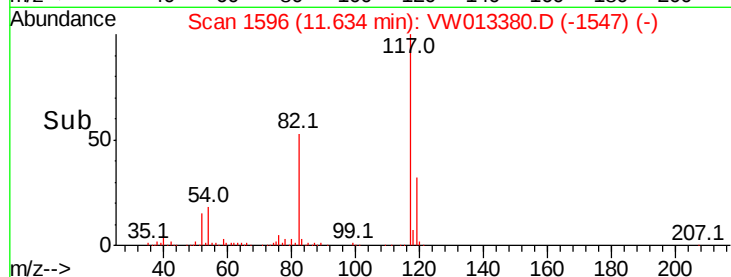
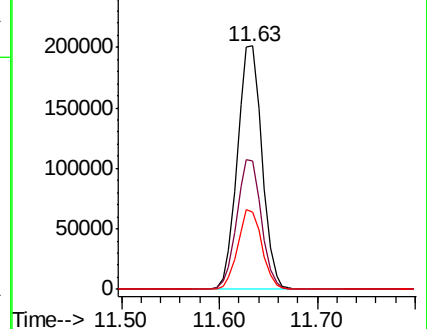
119 31.9 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW013380.D

Acq: 02 Oct 2019 16:04

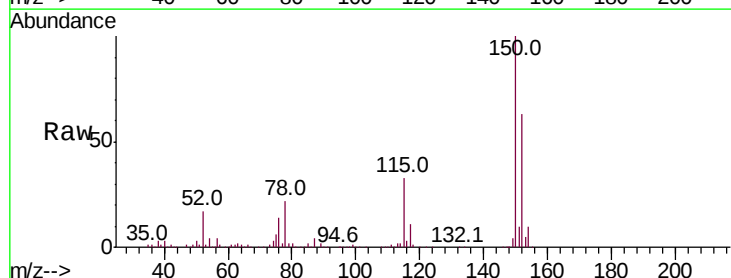
Tgt Ion:152 Resp: 158187

Ion Ratio Lower Upper

152 100

115 54.6 27.3 81.9

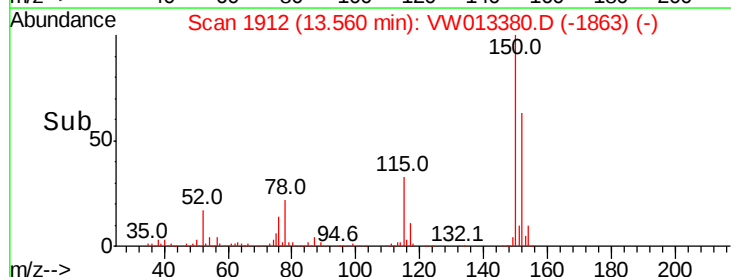
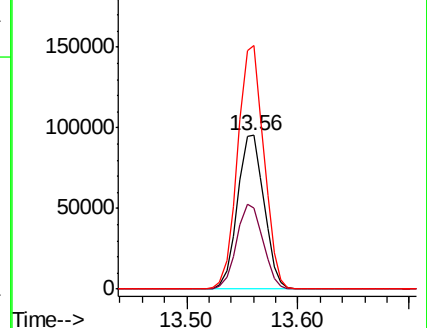
150 155.8 0.0 349.0

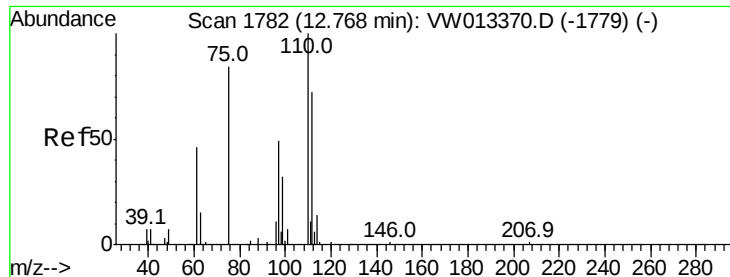


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 49.859 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

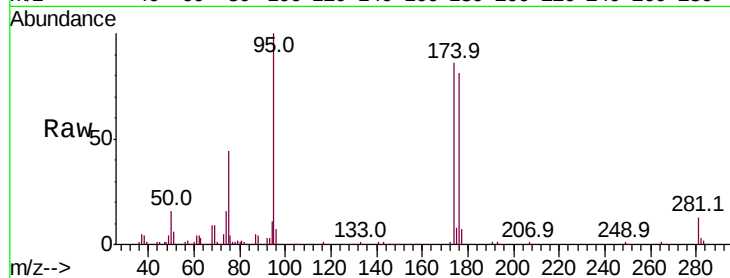
20190704-RR-COMPOSITE-4

Tot Ion: 75 Resp: 70098

Ion Ratio Lower Upper

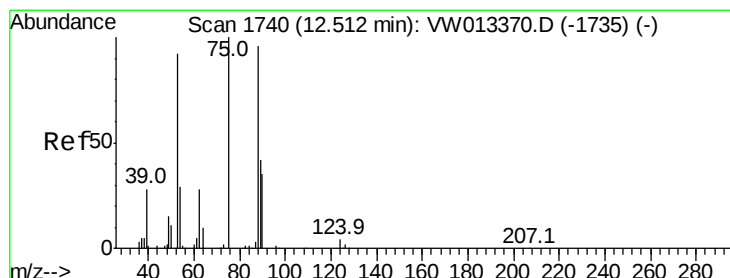
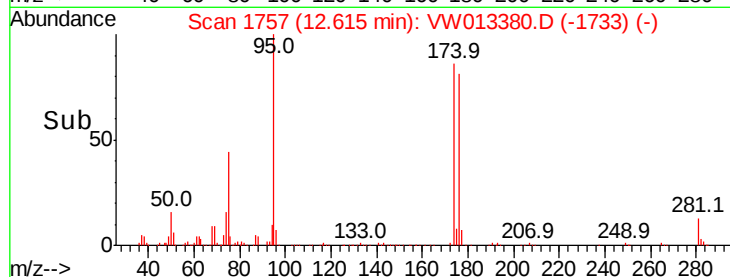
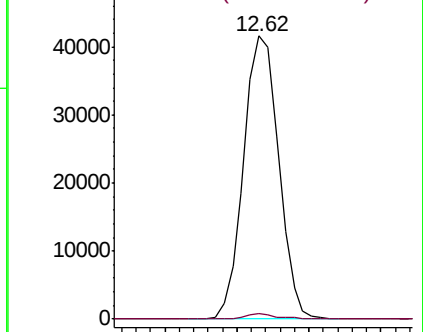
75 100

77 1.8 0.0 0.0#



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: 101.319 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013380.D

Acq: 02 Oct 2019 16:04

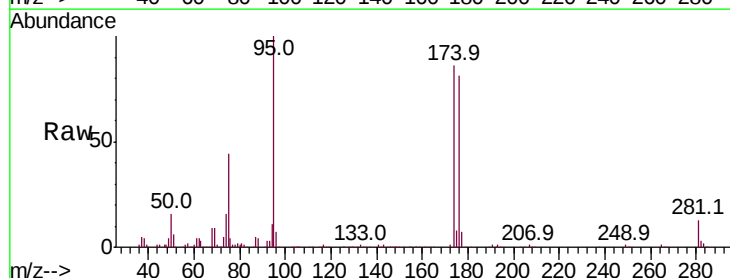
Tgt Ion: 75 Resp: 70098

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 33.5 50.3#



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

