

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013343.D
 Acq On : 30 Sep 2019 19:36
 Operator : SY/VA
 Sample : K5093-05
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03-(9.5-10.0)

Quant Time: Oct 01 05:39:00 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

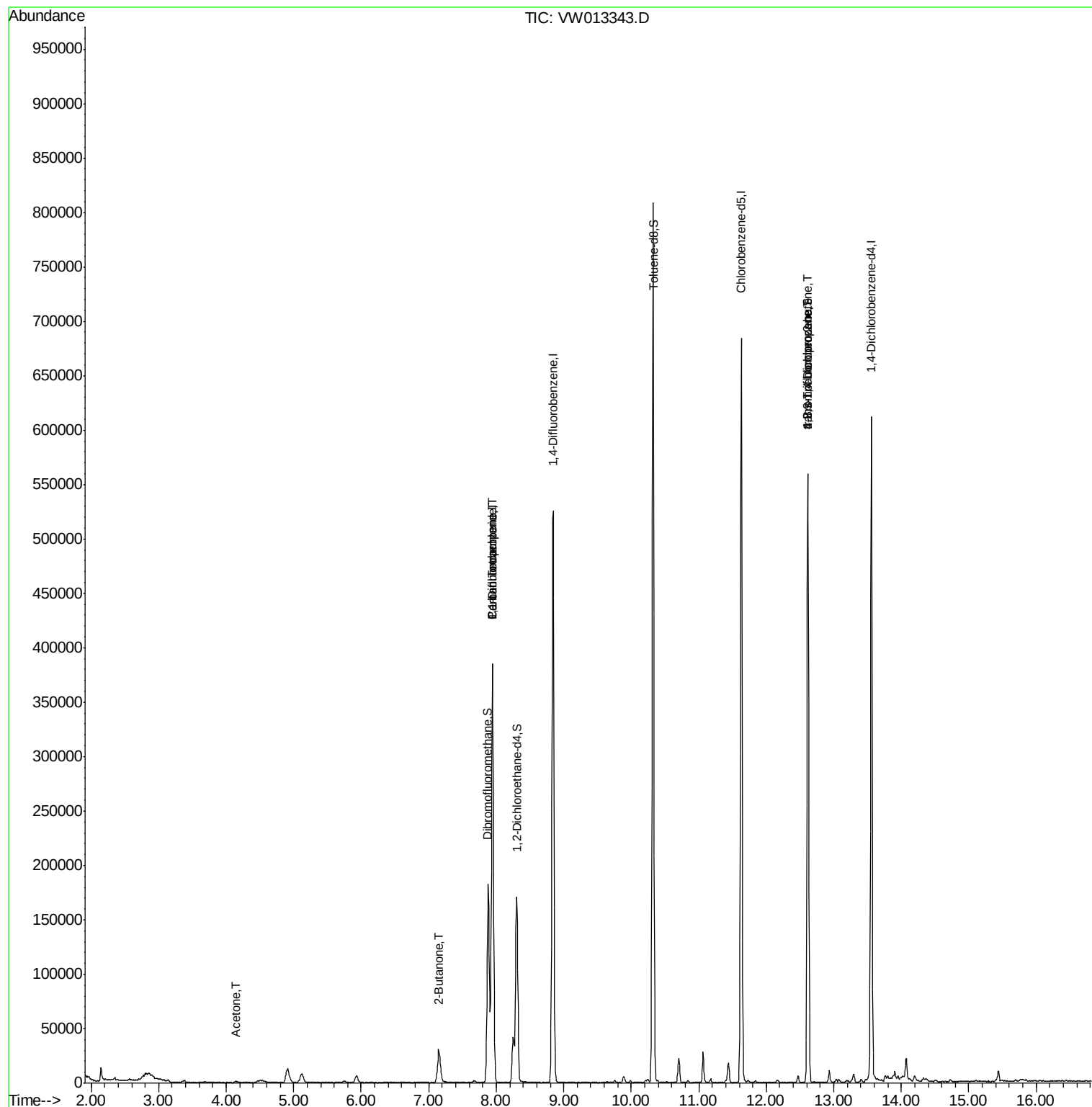
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	319144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	405843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135283	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	7.88	113	135093	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.32	98	558105	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	174483	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	980	Below Cal	#	73
16) Acetone	4.15	43	2907	4.949	ug/l	93
25) 2-Butanone	7.15	43	1733	1.965	ug/l #	70
26) 2,2-Dichloropropane	7.14	77	2500	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	20240	4.333	ug/l #	49
38) Carbon Tetrachloride	7.95	117	27234	6.503	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	83069	53.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83069	119.028	ug/l #	12

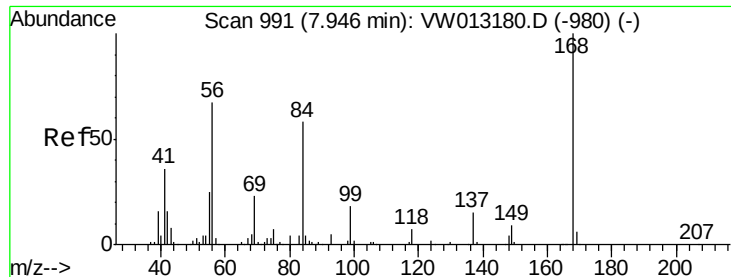
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 15:58:08 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: VW013343.D

Acq: 30 Sep 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

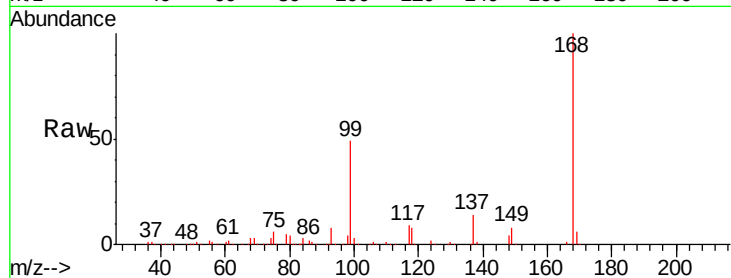
SB-03-(9.5-10.0)

Tgt Ion:168 Resp: 319144

Ion Ratio Lower Upper

168 100

99 48.6 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

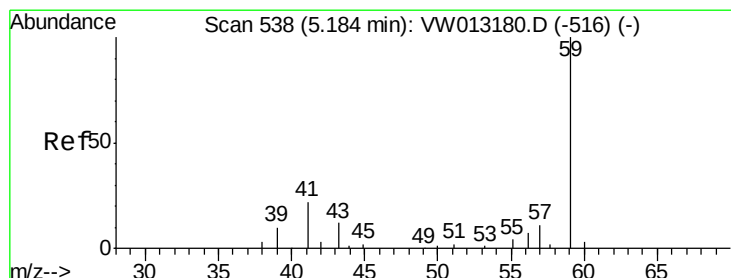
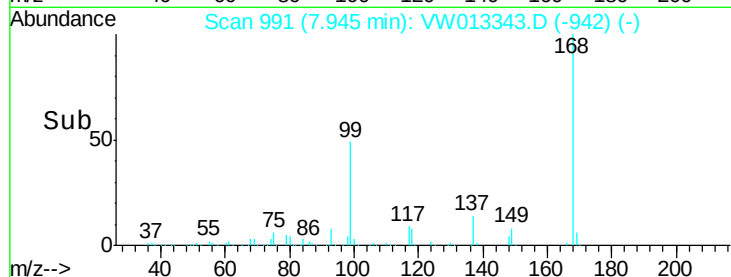
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 546

Delta R.T. 0.05 min

Lab File: VW013343.D

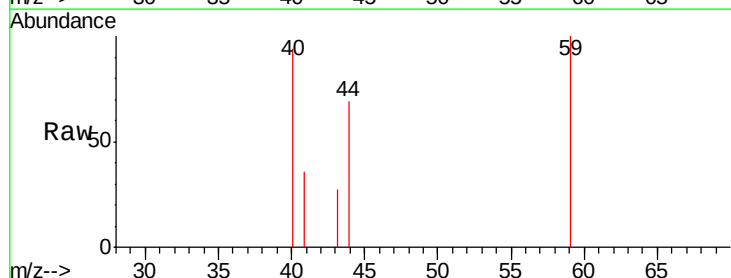
Acq: 30 Sep 2019 19:36

Tgt Ion: 59 Resp: 980

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

500

400

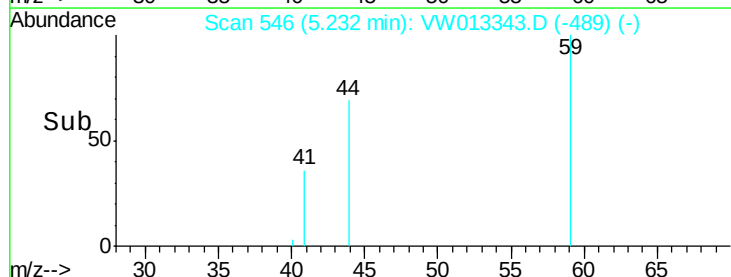
300

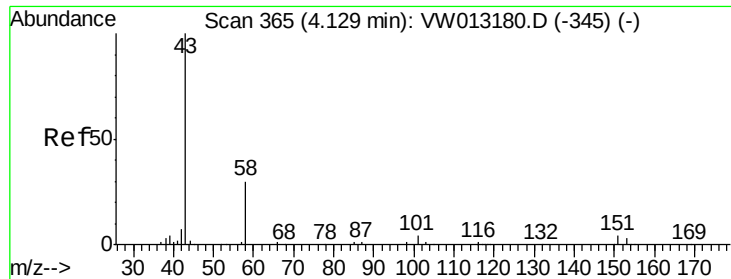
200

100

0

Time-->





#16

Acetone

Concen: 4.949 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW013343.D

Acq: 30 Sep 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

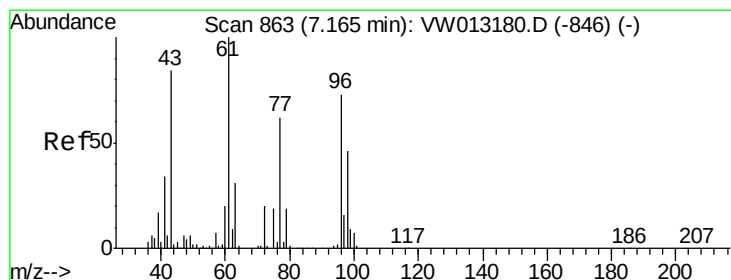
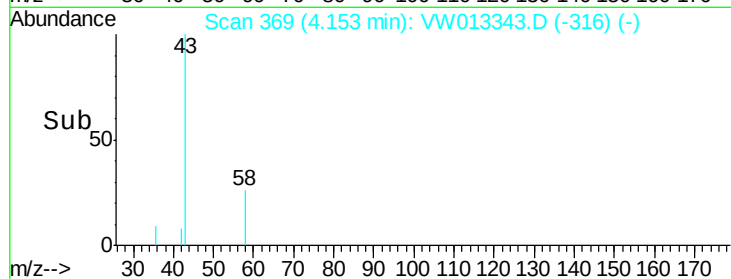
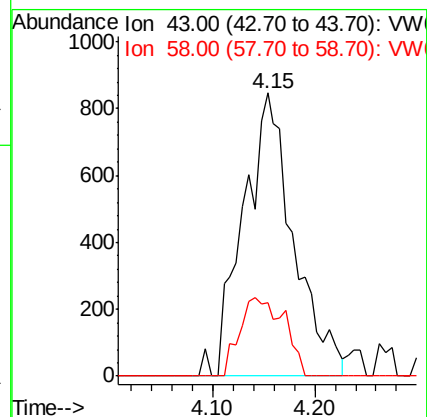
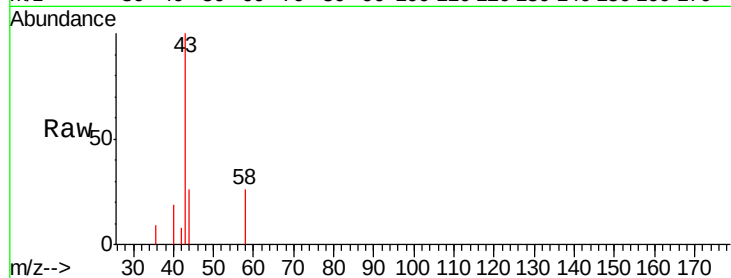
SB-03-(9.5-10.0)

Tgt Ion: 43 Resp: 2907

Ion Ratio Lower Upper

43 100

58 26.1 24.1 36.1



#25

2-Butanone

Concen: 1.965 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013343.D

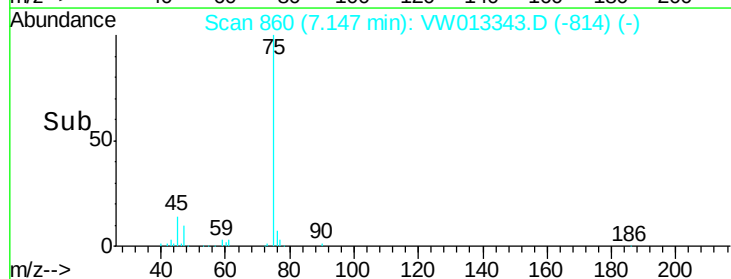
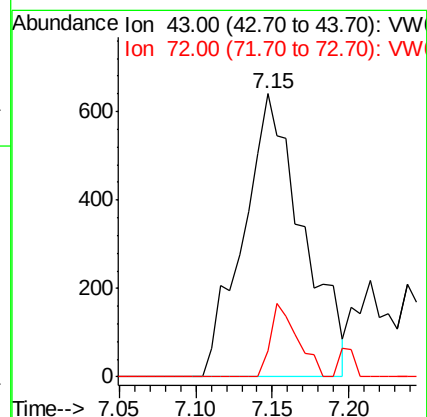
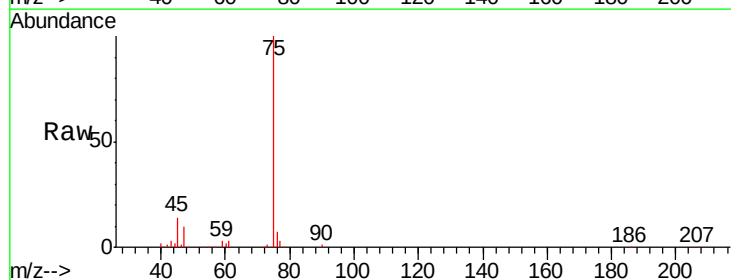
Acq: 30 Sep 2019 19:36

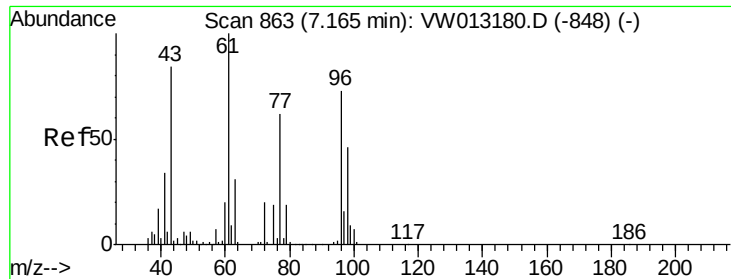
Tgt Ion: 43 Resp: 1733

Ion Ratio Lower Upper

43 100

72 9.4 19.4 29.0#

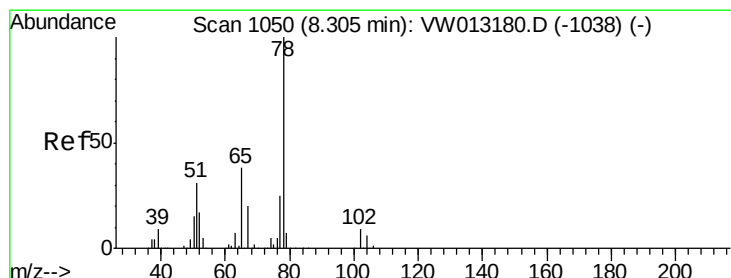
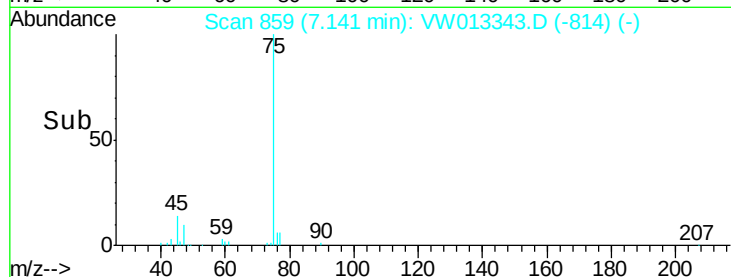
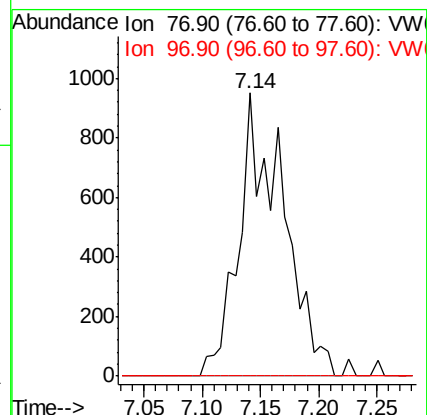
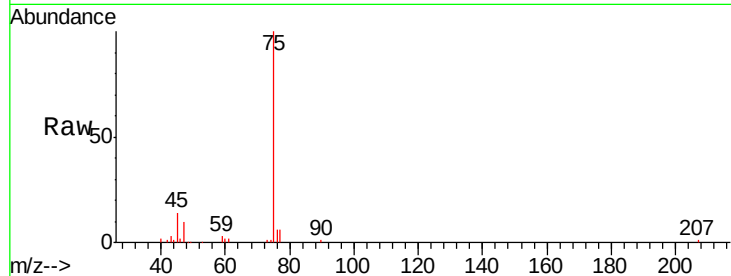




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW013343.D
 Acq: 30 Sep 2019 19:36

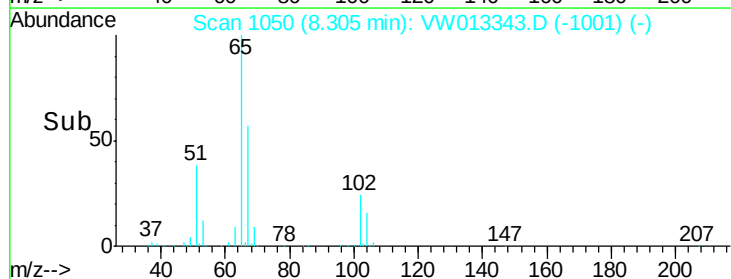
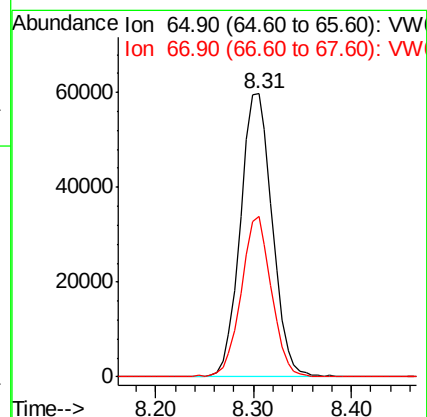
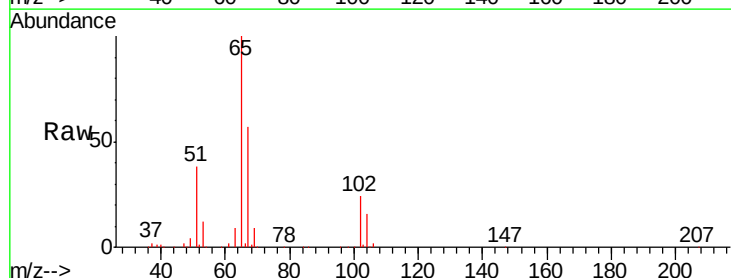
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03-(9.5-10.0)

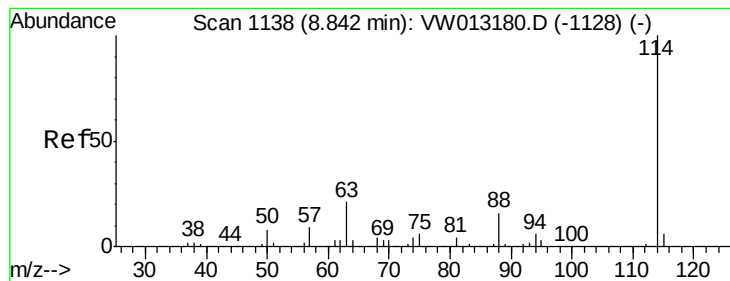
Tgt Ion: 77 Resp: 2500
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#33
 1,2-Dichloroethane-d4
 Concen: 51.938 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013343.D
 Acq: 30 Sep 2019 19:36

Tgt Ion: 65 Resp: 135283
 Ion Ratio Lower Upper
 65 100
 67 53.9 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: VW013343.D

Acq: 30 Sep 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

SB-03-(9.5-10.0)

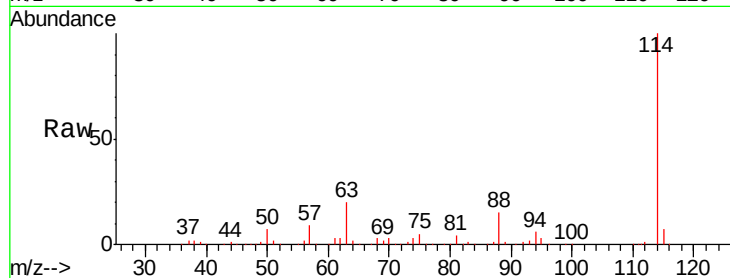
Tgt Ion:114 Resp: 482322

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

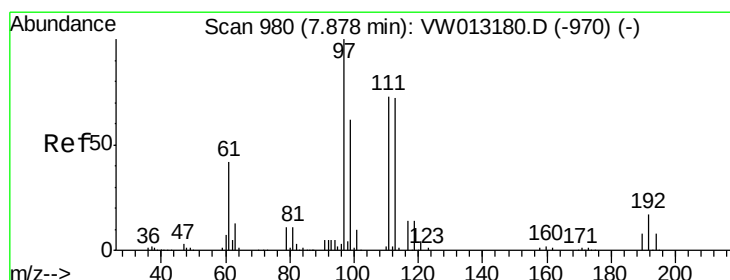
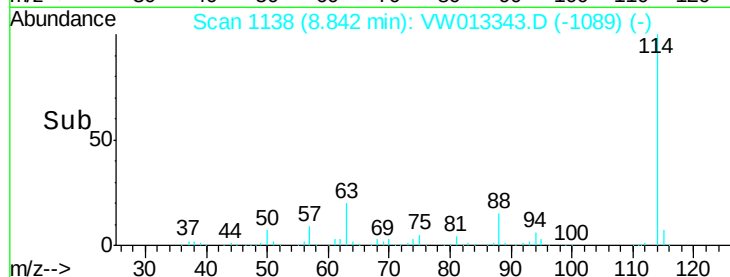
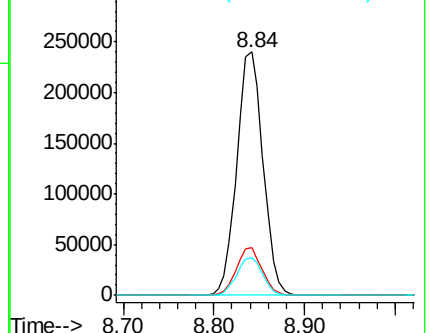
88 15.2 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 50.925 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013343.D

Acq: 30 Sep 2019 19:36

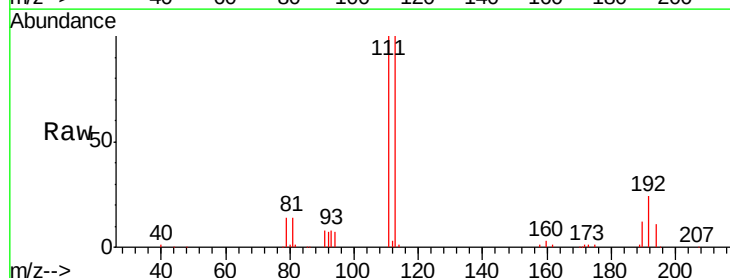
Tgt Ion:113 Resp: 135093

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

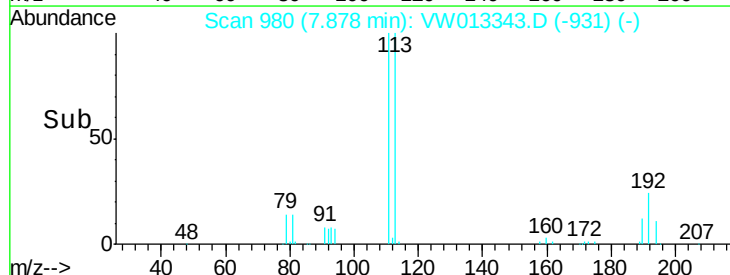
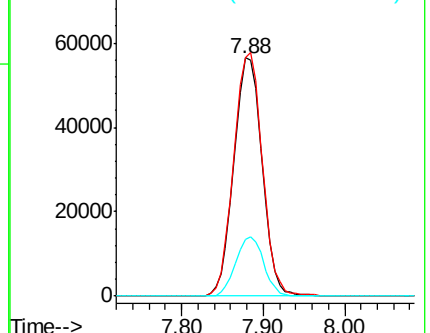
192 24.5 19.1 28.7

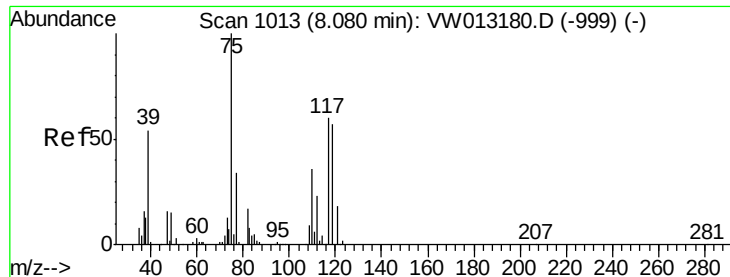


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.333 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013343.D

Acq: 30 Sep 2019 19:36

Instrument :

MSVOA_W

ClientSampleId :

SB-03-(9.5-10.0)

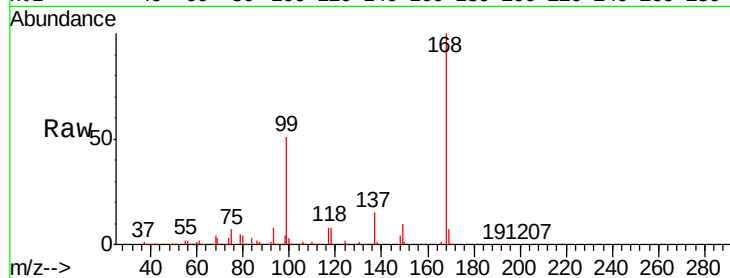
Tgt Ion: 75 Resp: 20240

Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.3#

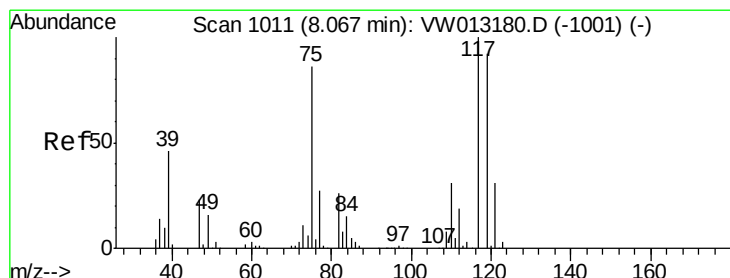
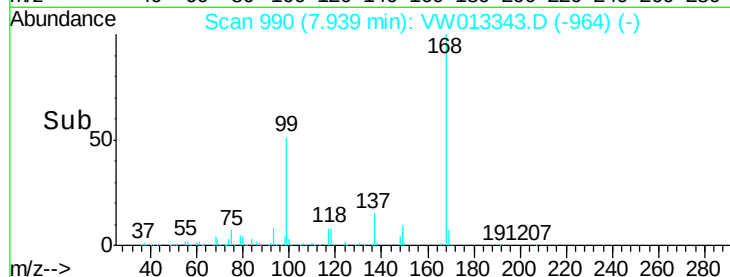
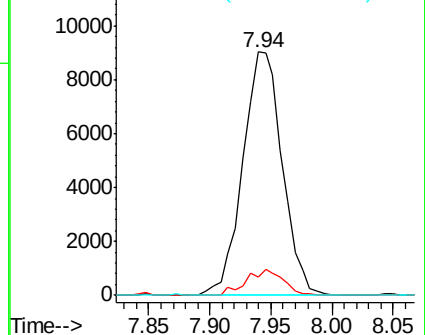
77 0.0 25.8 38.6#



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: 6.503 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013343.D

Acq: 30 Sep 2019 19:36

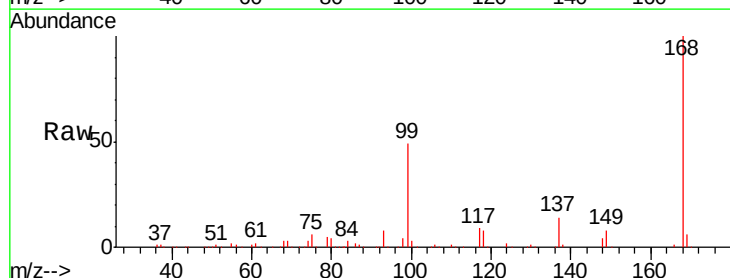
Tgt Ion: 117 Resp: 27234

Ion Ratio Lower Upper

117 100

119 5.4 73.5 110.3#

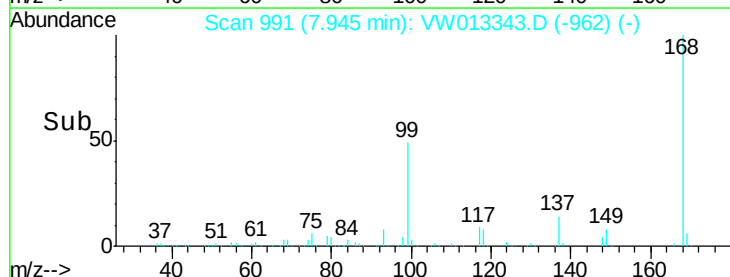
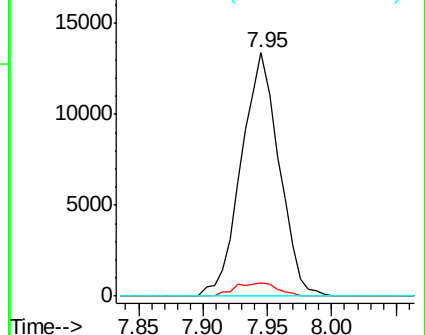
121 0.0 25.0 37.6#

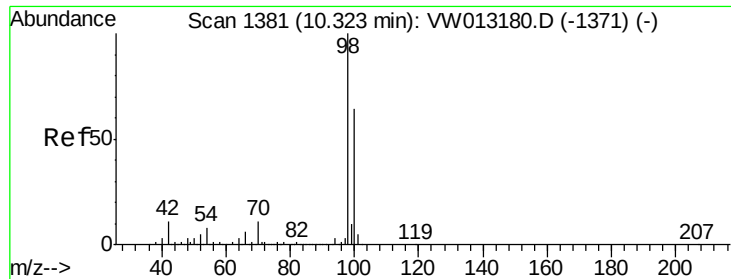


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

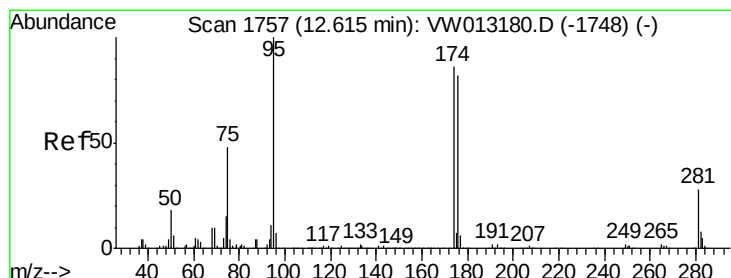
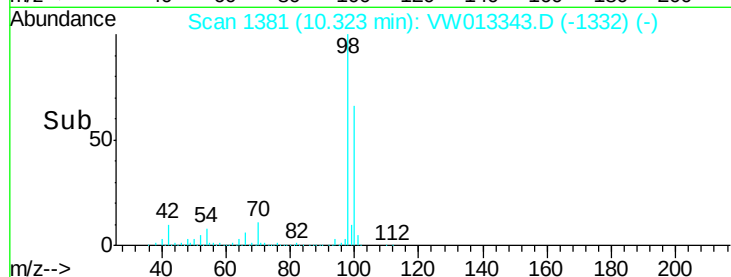
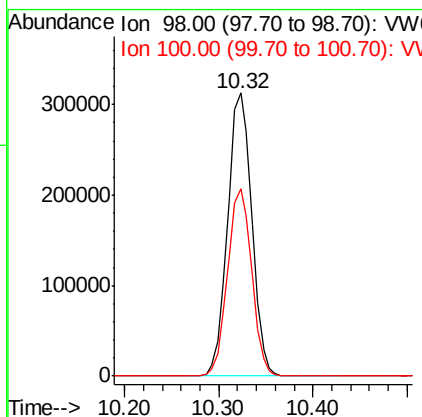
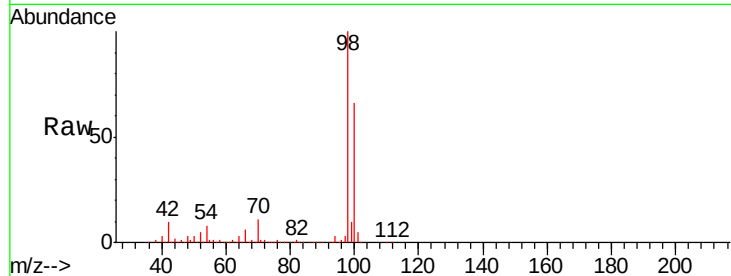




#50
Toluene-d8
Concen: 50.270 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013343.D
Acq: 30 Sep 2019 19:36

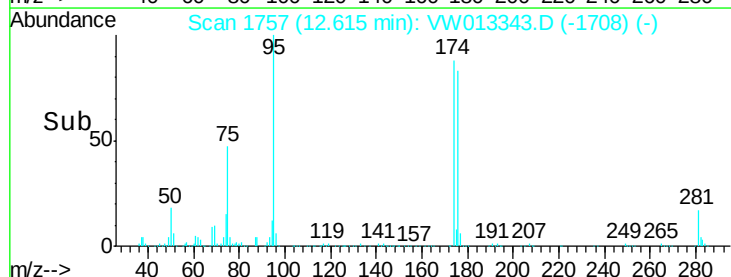
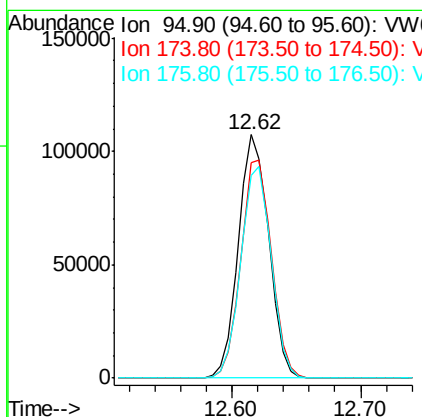
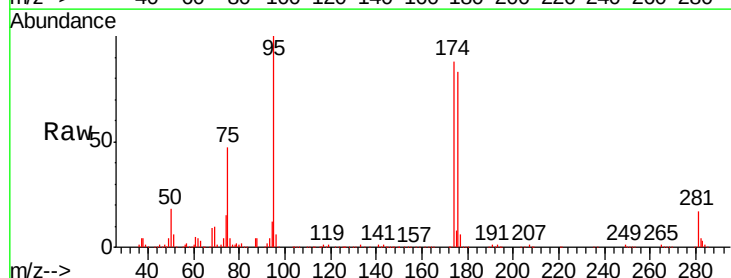
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SB-03-(9.5-10.0)

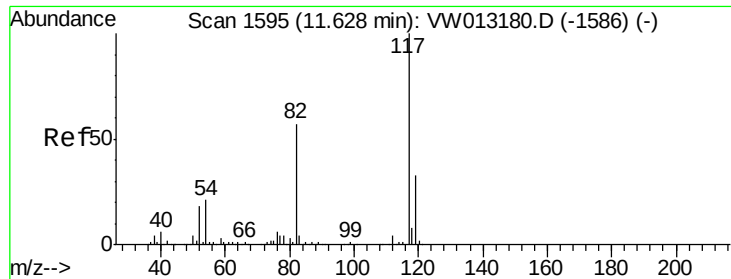
Tgt Ion: 98 Resp: 558105
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.009 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013343.D
Acq: 30 Sep 2019 19:36

Tgt Ion: 95 Resp: 174483
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.4
176 87.2 0.0 172.2

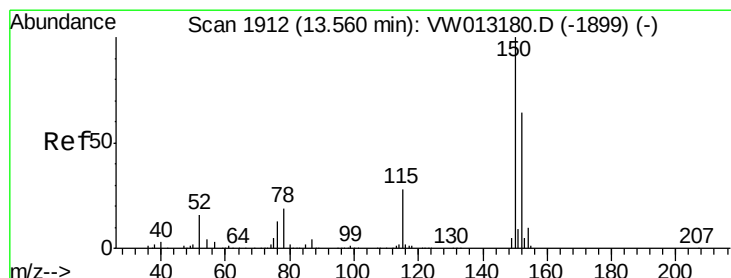
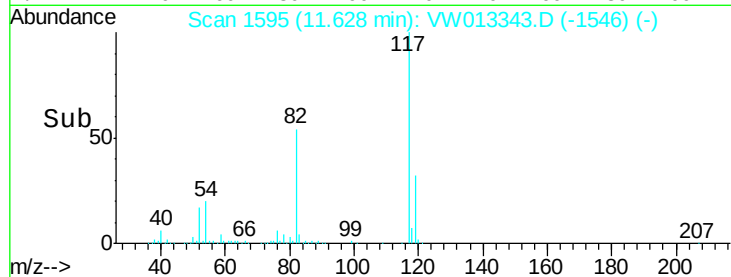
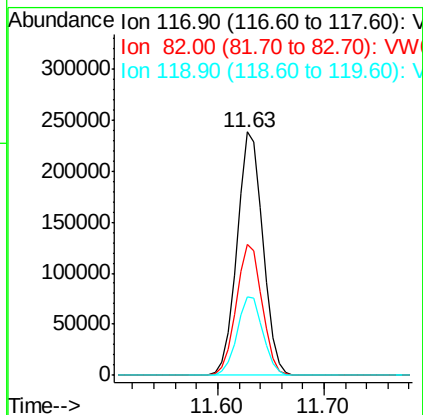
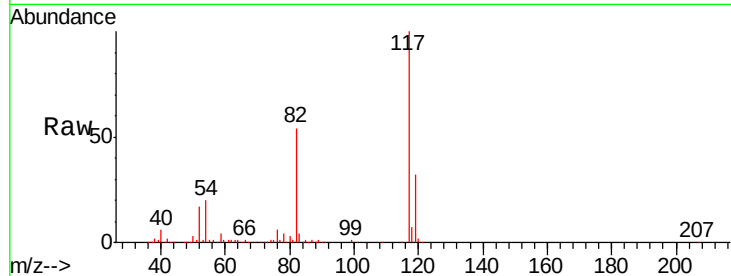




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013343.D
Acq: 30 Sep 2019 19:36

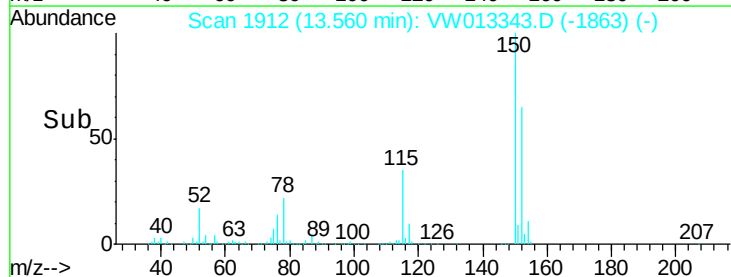
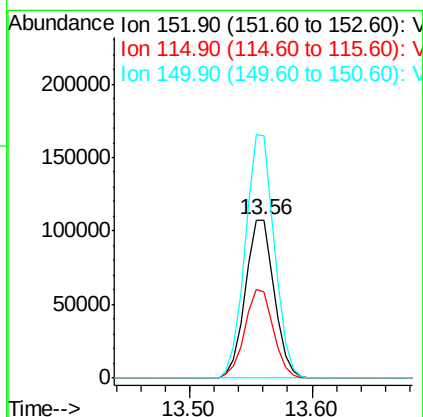
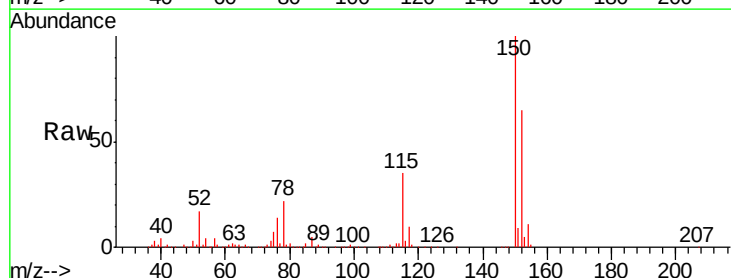
Instrument :
MSVOA_W
ClientSampleId :
SB-03-(9.5-10.0)

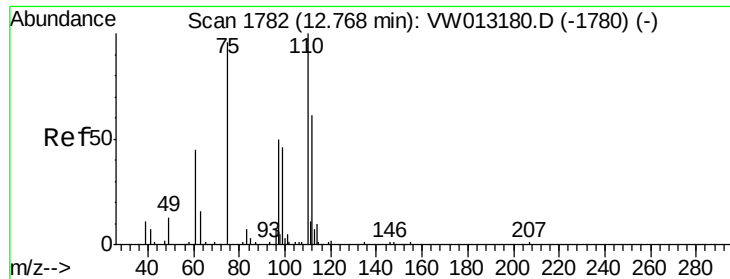
Tgt Ion:117 Resp: 405843
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013343.D
Acq: 30 Sep 2019 19:36

Tgt Ion:152 Resp: 177325
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 154.9 0.0 349.0

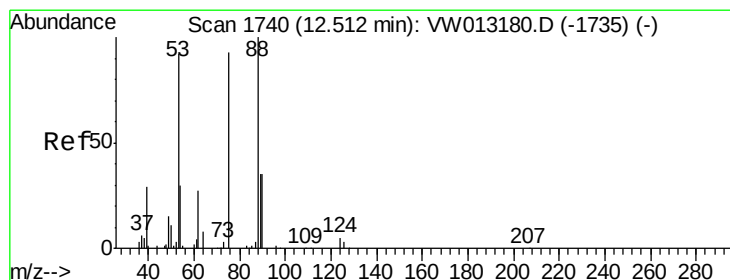
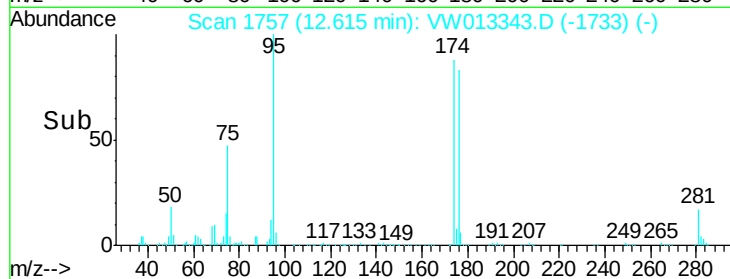
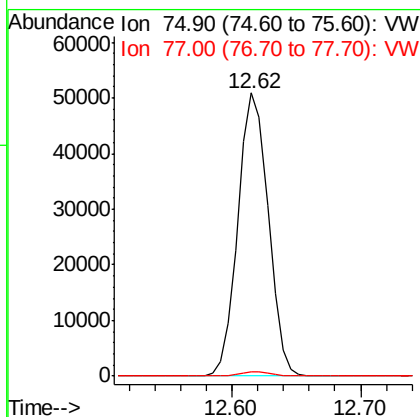
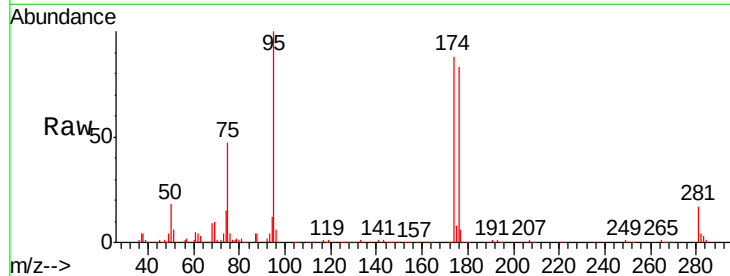




#76
 1,2,3-Trichloropropane
 Concen: 53.045 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013343.D
 Acq: 30 Sep 2019 19:36

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03-(9.5-10.0)

Tgt Ion: 75 Resp: 83069
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.028 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013343.D
 Acq: 30 Sep 2019 19:36

Tgt Ion: 75 Resp: 83069
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.1 33.5 50.3#

