

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013347.D
 Acq On : 30 Sep 2019 22:38
 Operator : SY/VA
 Sample : VW0930SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL02

Quant Time: Oct 01 05:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

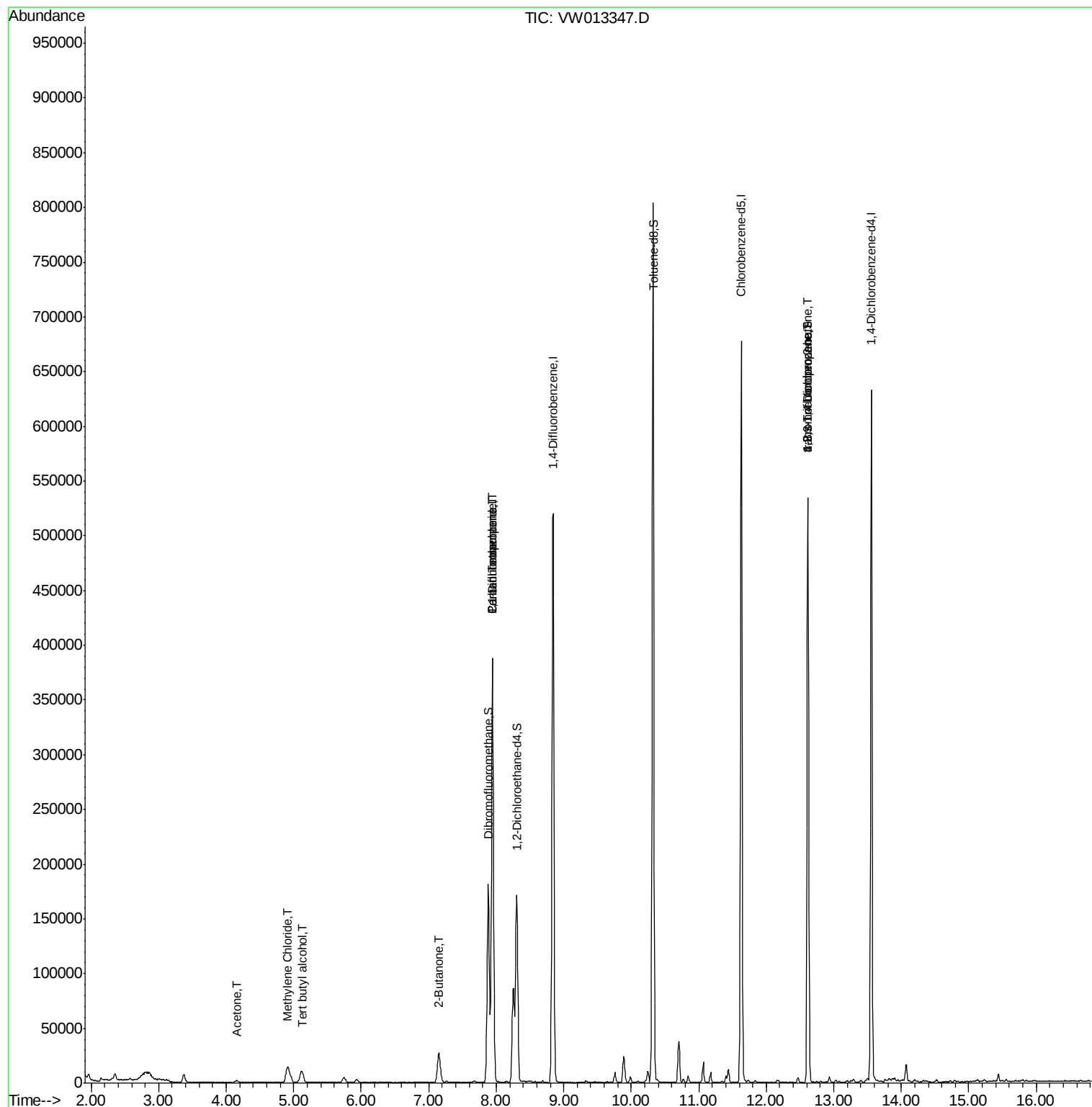
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	471719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	174993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135403	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	135426	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	10.32	98	545007	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	171135	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.12	59	10133	45.620	ug/l #	73
16) Acetone	4.15	43	4051	6.877	ug/l #	76
20) Methylene Chloride	4.91	84	12122	1.187	ug/l	87
25) 2-Butanone	7.15	43	1846	2.087	ug/l #	72
26) 2,2-Dichloropropane	7.14	77	2386	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	19419	4.250	ug/l #	48
38) Carbon Tetrachloride	7.95	117	27352	6.678	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	82207	53.194	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82207	119.363	ug/l #	12

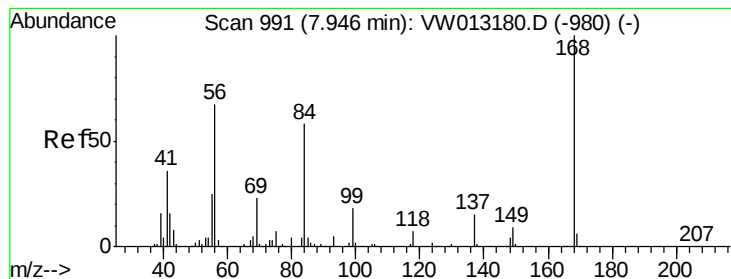
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
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Quant Title : SW846 8260
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: VW013347.D

Acq: 30 Sep 2019 22:38

Instrument :

MSVOA_W

ClientSampleId :

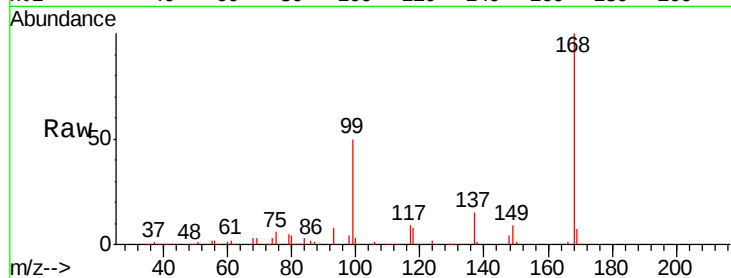
VW0930SBL02

Tgt Ion:168 Resp: 320078

Ion Ratio Lower Upper

168 100

99 50.1 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

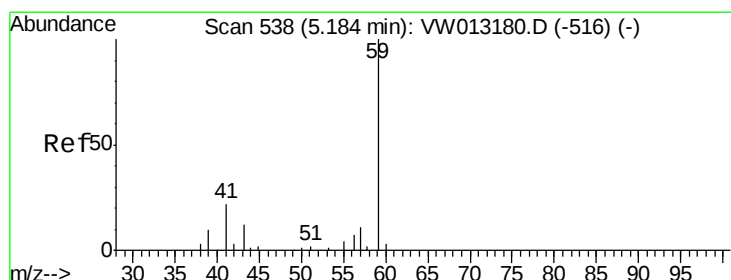
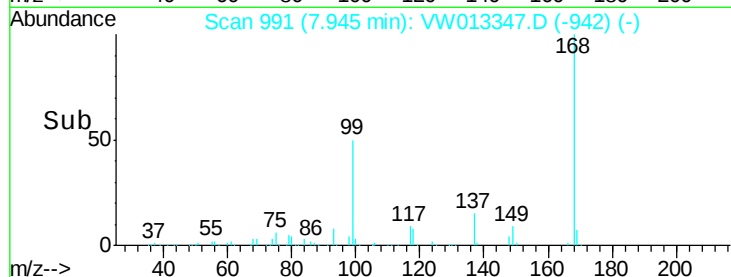
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 45.620 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.06 min

Lab File: VW013347.D

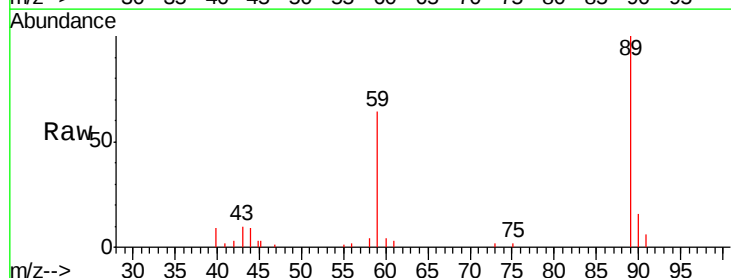
Acq: 30 Sep 2019 22:38

Tgt Ion: 59 Resp: 10133

Ion Ratio Lower Upper

59 100

57 0.2 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

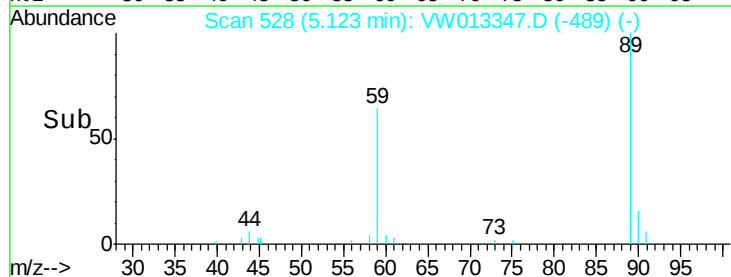
3000

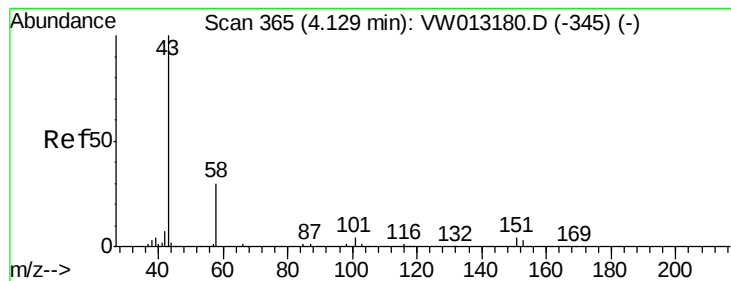
2000

1000

0

Time--> 5.00 5.10 5.20





#16

Acetone

Concen: 6.877 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013347.D

Acq: 30 Sep 2019 22:38

Instrument :

MSVOA_W

ClientSampled :

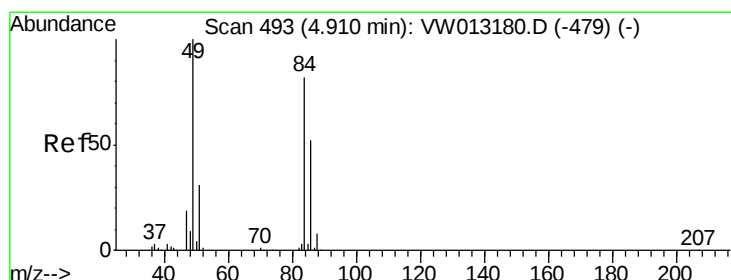
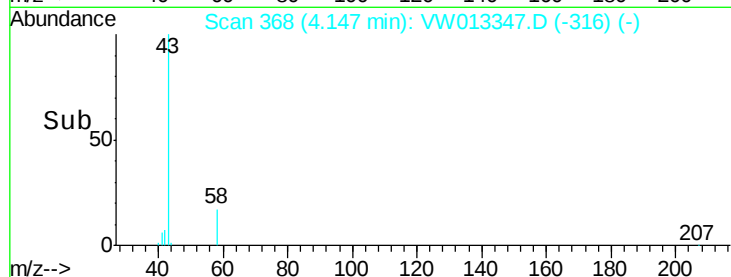
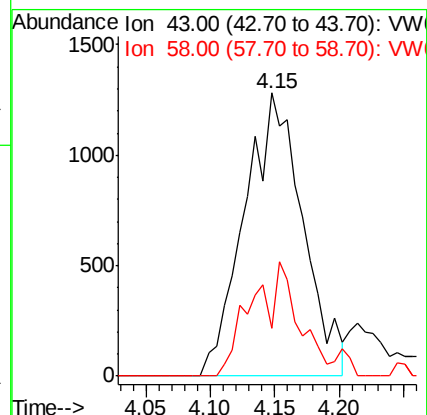
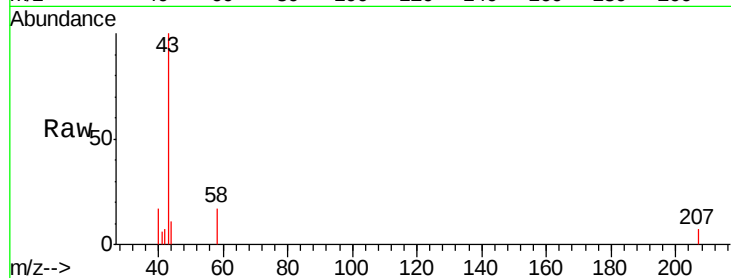
VW0930SBL02

Tgt Ion: 43 Resp: 4051

Ion Ratio Lower Upper

43 100

58 16.9 24.1 36.1#



#20

Methylene Chloride

Concen: 1.187 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW013347.D

Acq: 30 Sep 2019 22:38

Tgt Ion: 84 Resp: 12122

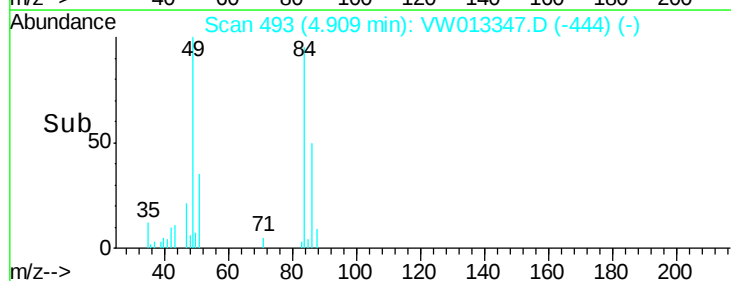
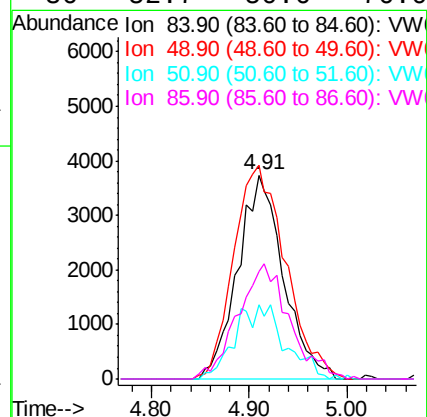
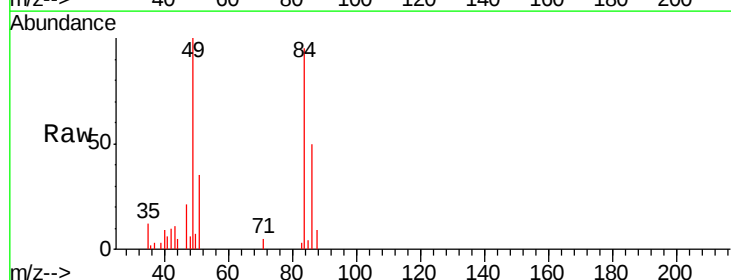
Ion Ratio Lower Upper

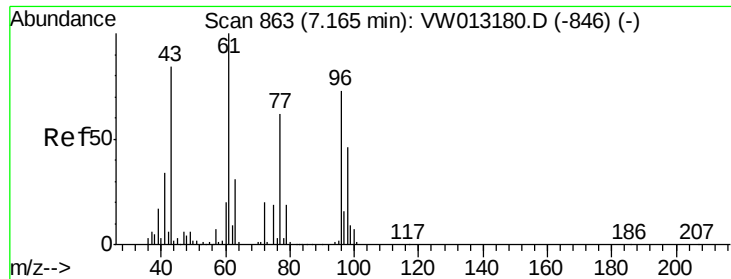
84 100

49 104.9 97.6 146.4

51 36.4 30.2 45.2

86 52.7 50.6 76.0





#25

2-Butanone

Concen: 2.087 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013347.D

Acq: 30 Sep 2019 22:38

Instrument :

MSVOA_W

ClientSampleId :

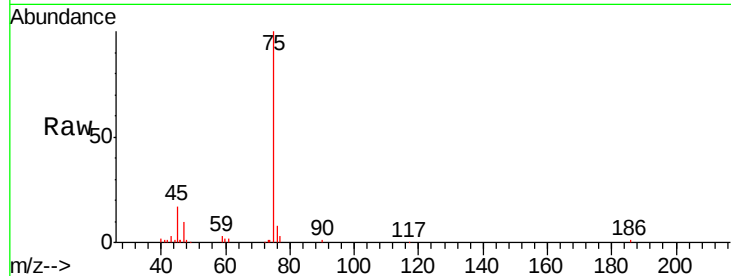
VW0930SBL02

Tgt Ion: 43 Resp: 1846

Ion Ratio Lower Upper

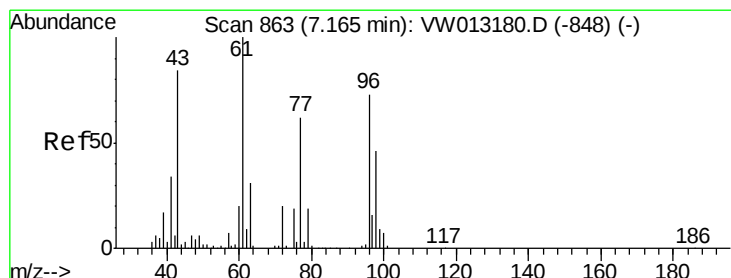
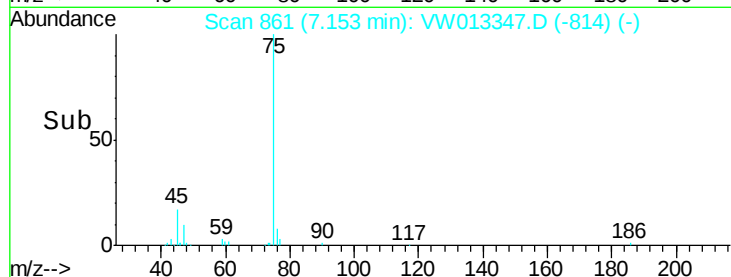
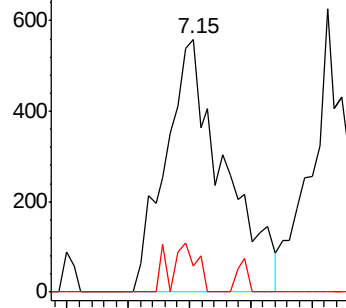
43 100

72 10.2 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013347.D

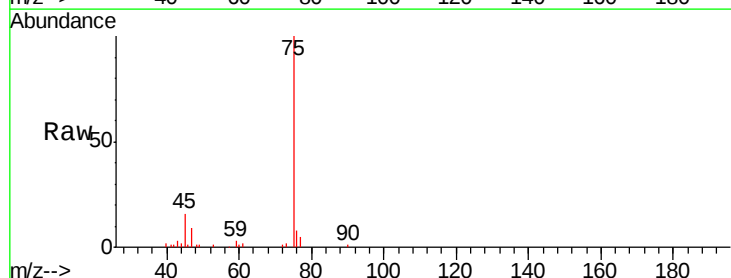
Acq: 30 Sep 2019 22:38

Tgt Ion: 77 Resp: 2386

Ion Ratio Lower Upper

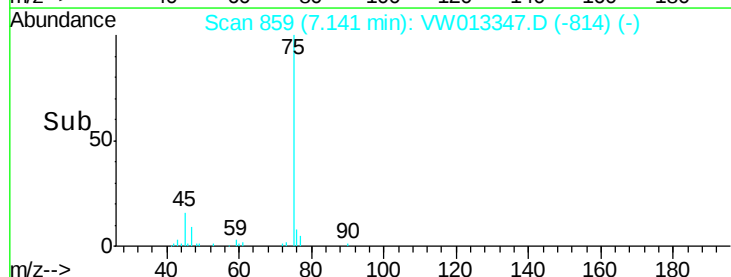
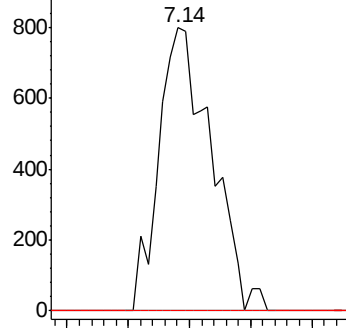
77 100

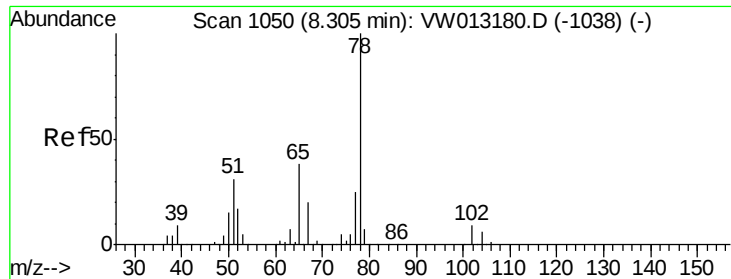
97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

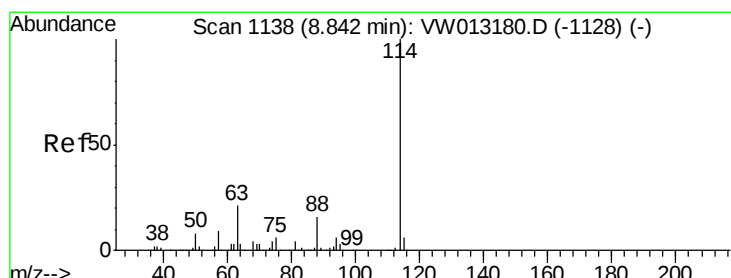
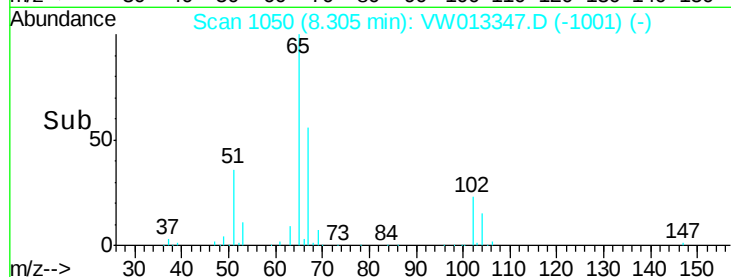
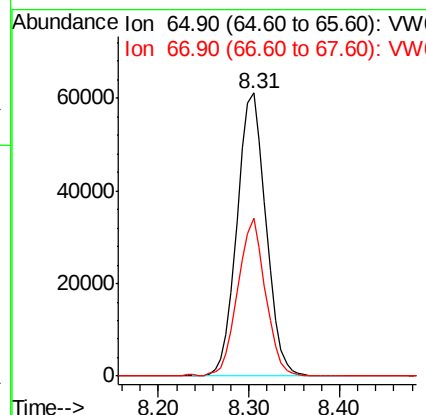
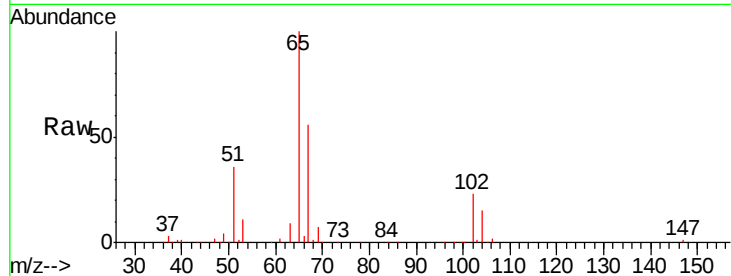




#33
 1,2-Dichloroethane-d4
 Concen: 51.833 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013347.D
 Acq: 30 Sep 2019 22:38

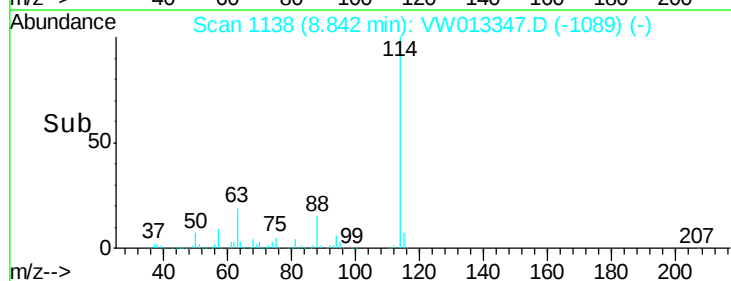
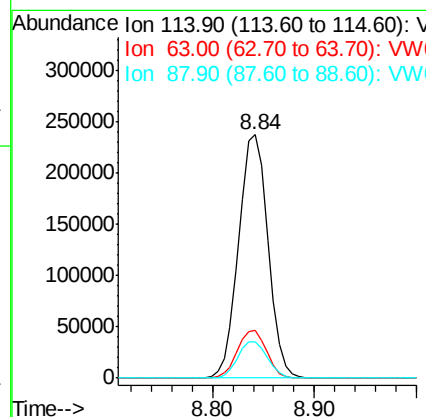
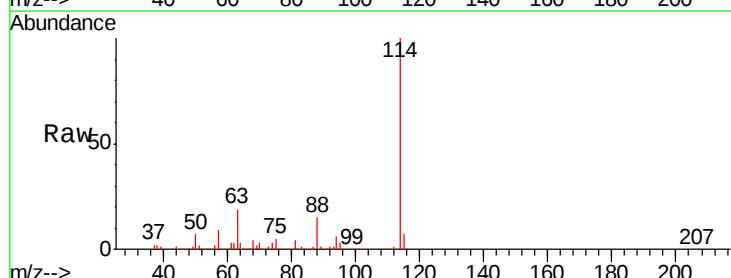
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL02

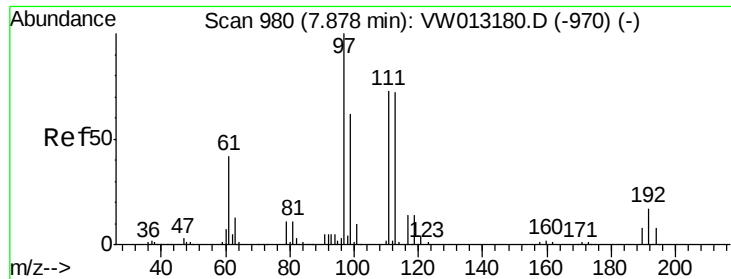
Tgt Ion: 65 Resp: 135403
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013347.D
 Acq: 30 Sep 2019 22:38

Tgt Ion: 114 Resp: 471719
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 15.2 0.0 32.0

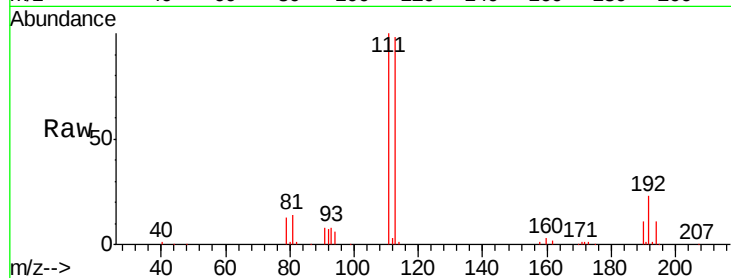




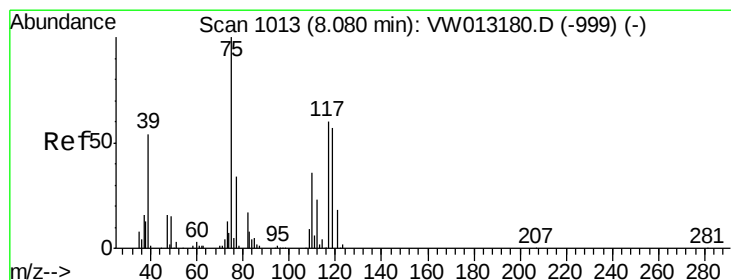
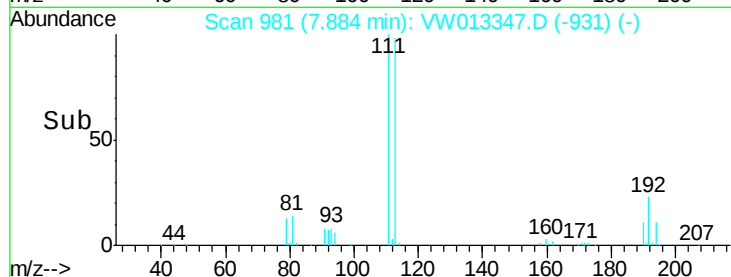
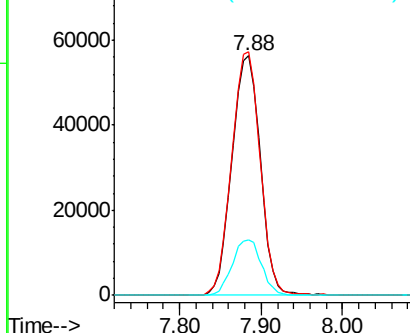
#35
 Dibromofluoromethane
 Concen: 52.198 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013347.D
 Acq: 30 Sep 2019 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	23.7	19.1	28.7

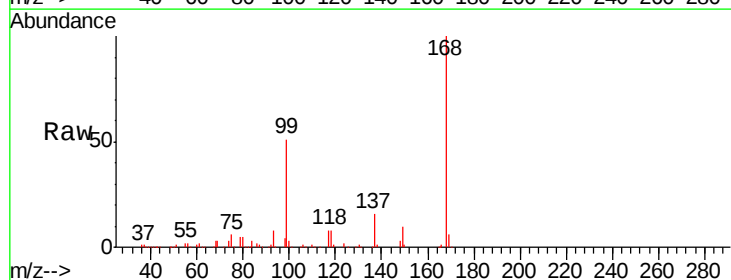


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

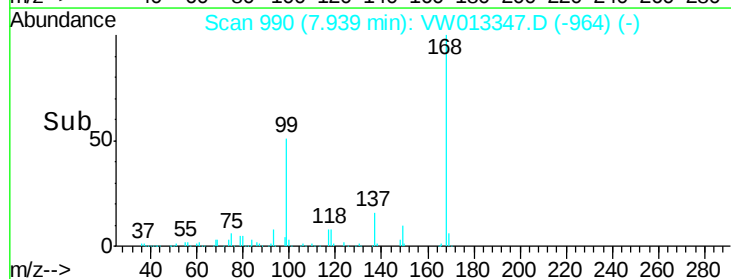
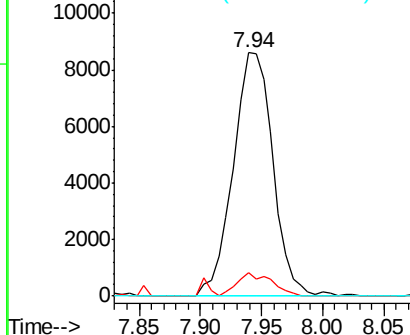


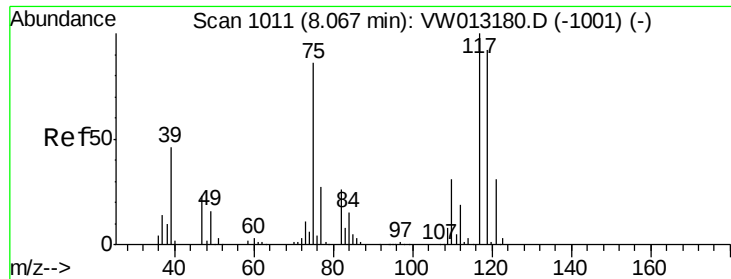
#36
 1,1-Dichloropropene
 Concen: 4.250 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013347.D
 Acq: 30 Sep 2019 22:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	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

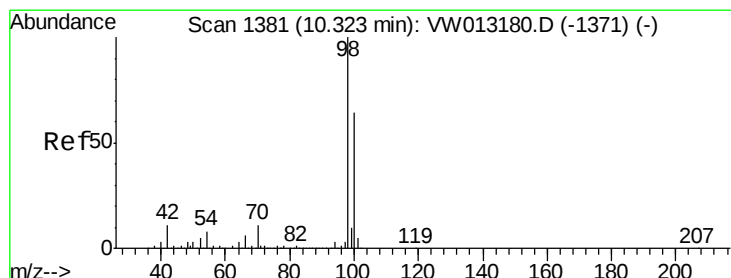
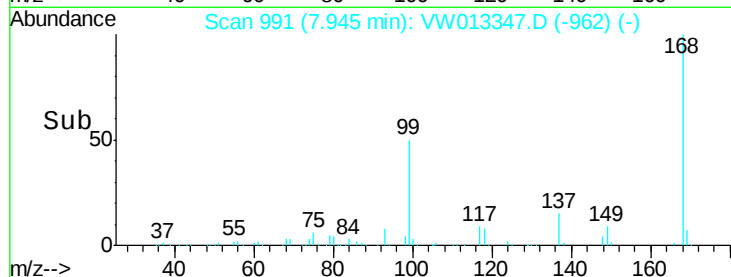
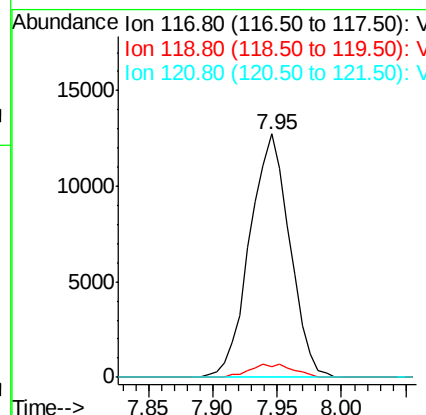
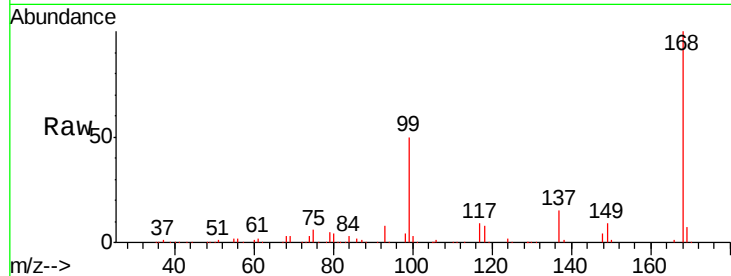




#38
Carbon Tetrachloride
Concen: 6.678 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013347.D
Acq: 30 Sep 2019 22:38

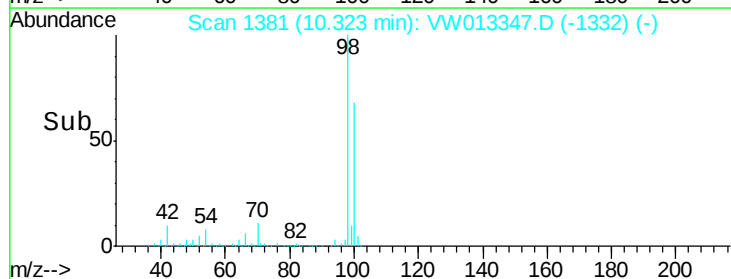
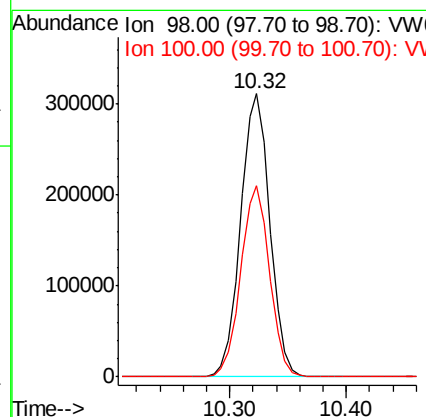
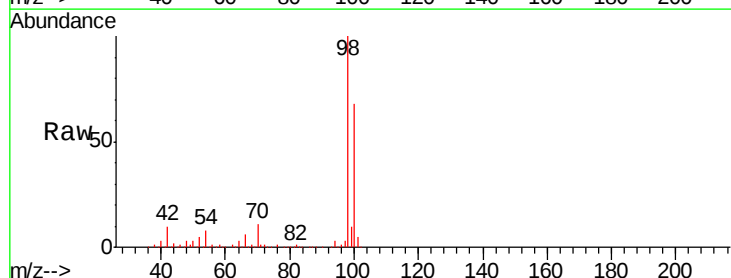
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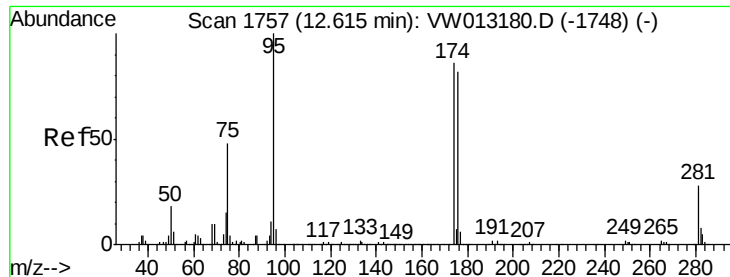
Tgt Ion:117 Resp: 27352
Ion Ratio Lower Upper
117 100
119 4.5 73.5 110.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013347.D
Acq: 30 Sep 2019 22:38

Tgt Ion: 98 Resp: 545007
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

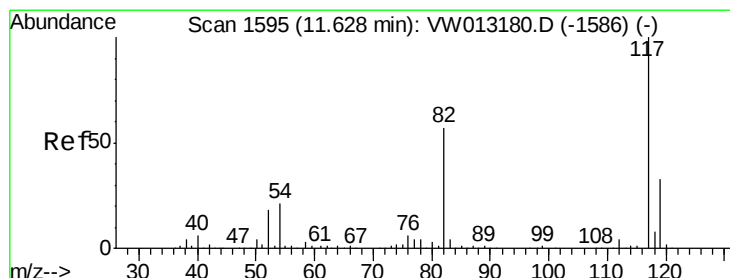
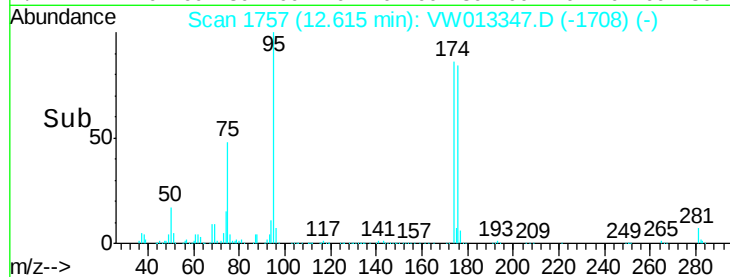
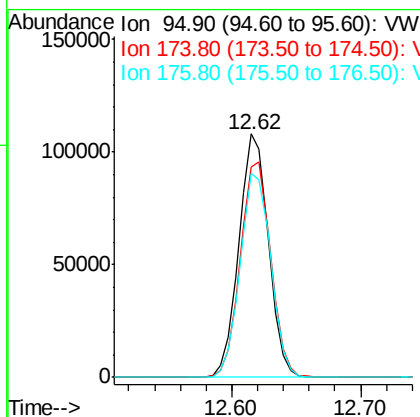
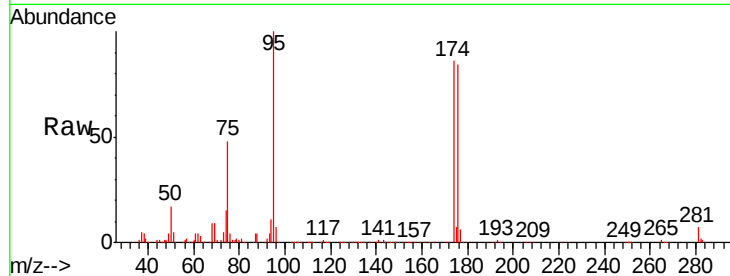




#62
4-Bromofluorobenzene
Concen: 46.140 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013347.D
Acq: 30 Sep 2019 22:38

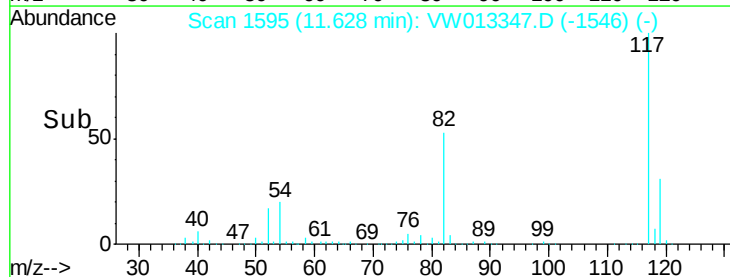
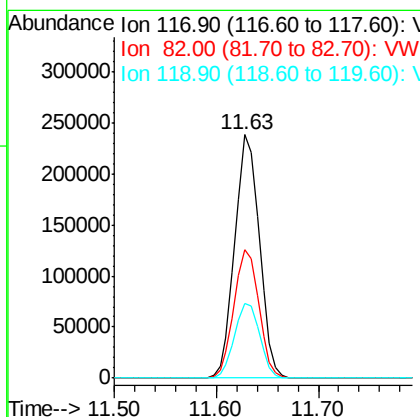
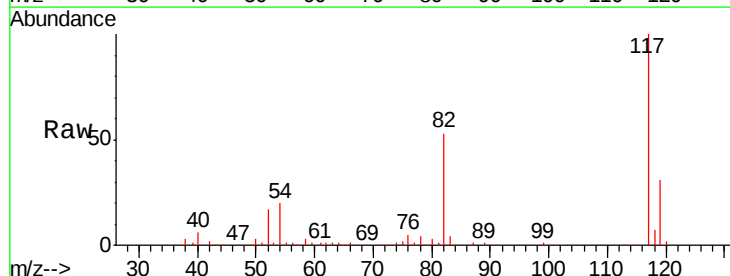
Instrument :
MSVOA_W
ClientSampleId :
VW0930SBL02

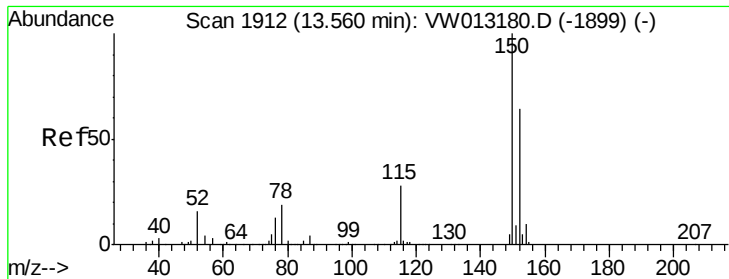
Tgt Ion: 95 Resp: 171135
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.4
176 87.1 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013347.D
Acq: 30 Sep 2019 22:38

Tgt Ion: 117 Resp: 397575
Ion Ratio Lower Upper
117 100
82 52.8 45.9 68.9
119 30.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013347.D

Acq: 30 Sep 2019 22:38

Instrument :

MSVOA_W

ClientSampleId :

VW0930SBL02

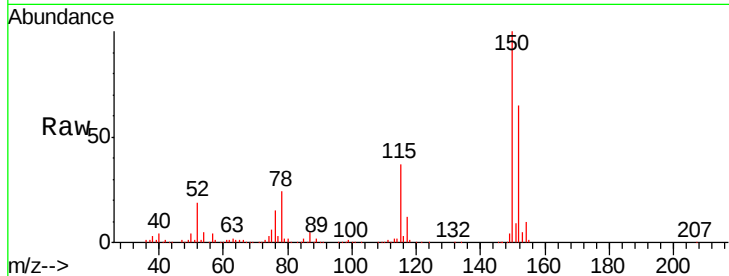
Tgt Ion:152 Resp: 174993

Ion Ratio Lower Upper

152 100

115 56.4 27.3 81.9

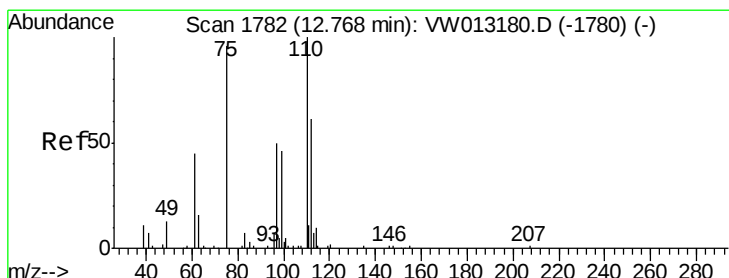
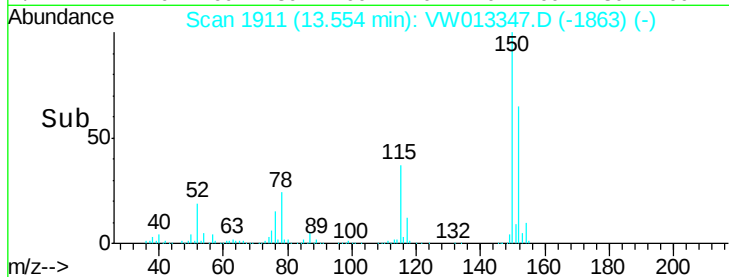
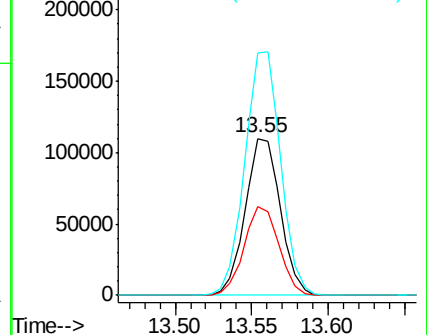
150 158.5 0.0 349.0



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: 53.194 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013347.D

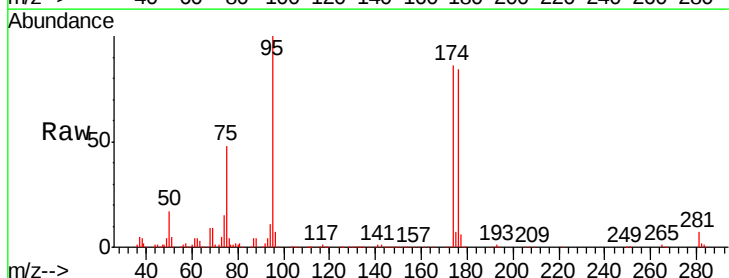
Acq: 30 Sep 2019 22:38

Tgt Ion: 75 Resp: 82207

Ion Ratio Lower Upper

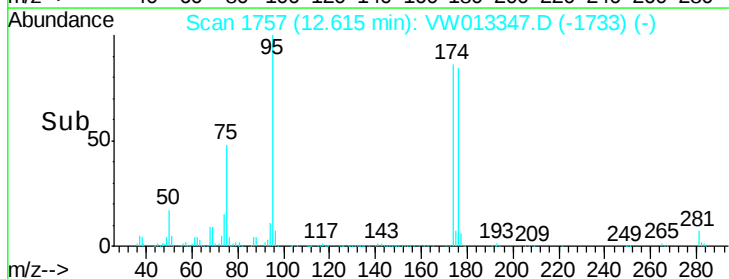
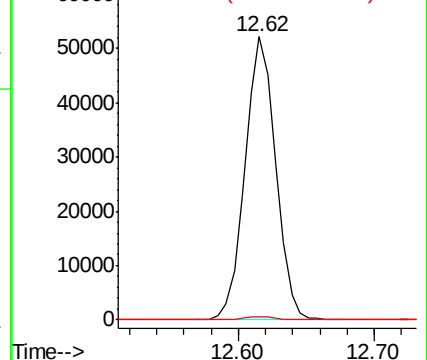
75 100

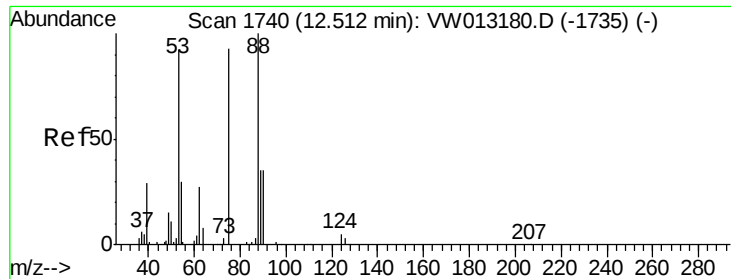
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

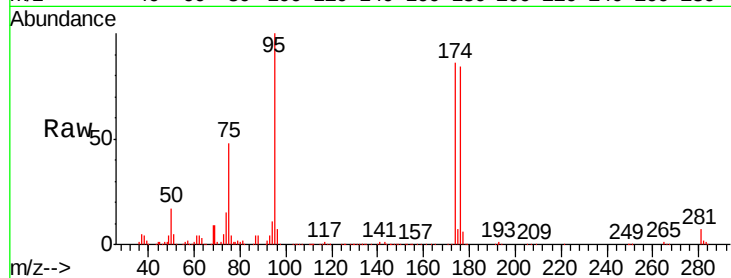




#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.363 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013347.D
 Acq: 30 Sep 2019 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0930SBL02

Tgt Ion: 75 Resp: 82207
 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

