

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013236.D
 Acq On : 23 Sep 2019 17:22
 Operator : SY/VA
 Sample : K4863-11RE
 Misc : 4.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-7-1RE

Quant Time: Sep 24 06:41:08 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

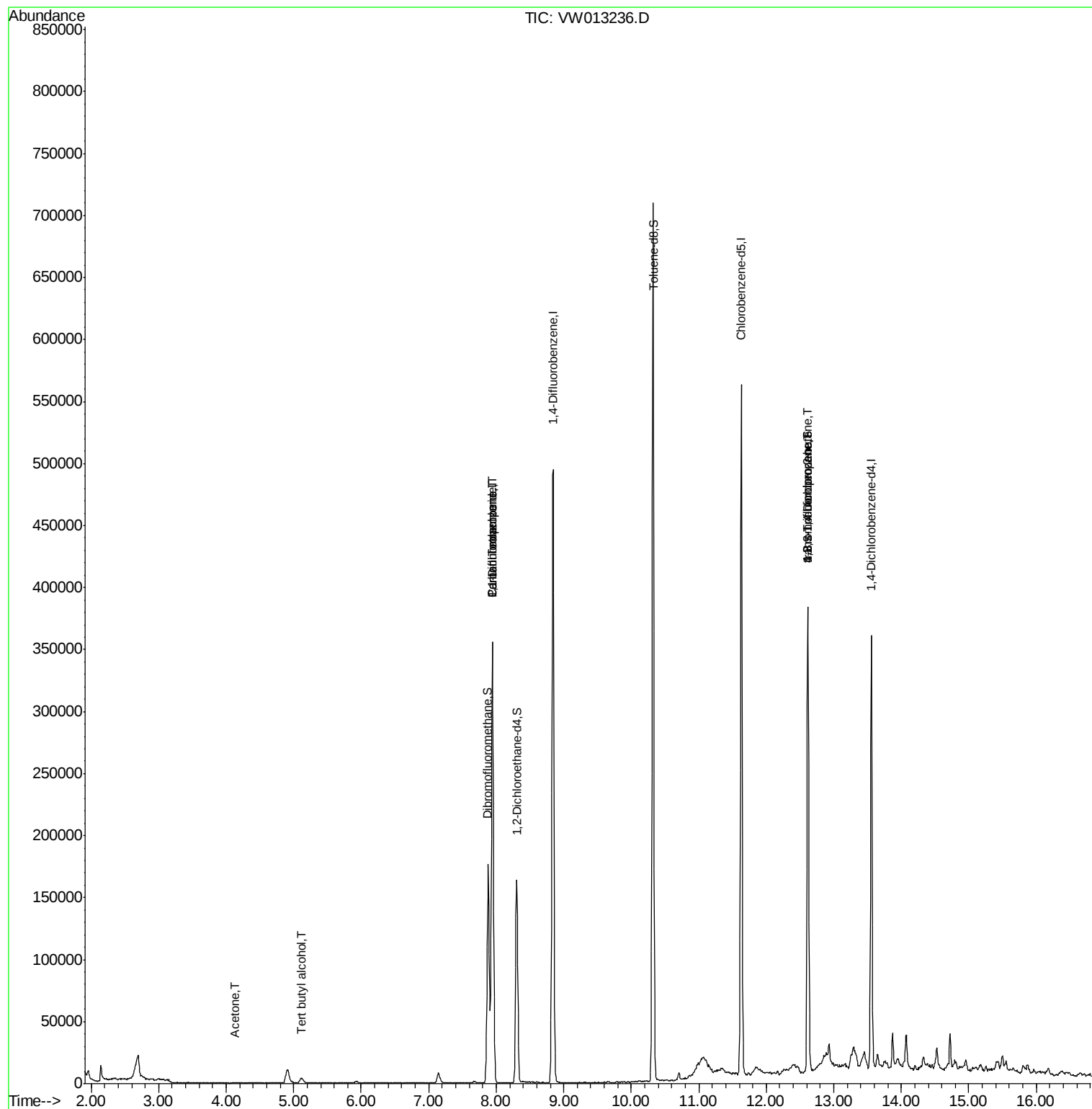
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	292453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	98630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126255	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	126190	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.32	98	484733	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.62	95	123415	35.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.50%	
Target Compounds						
11) Tert butyl alcohol	5.11	59	4416	16.250	ug/l #	73
16) Acetone	4.12	43	1294	2.404	ug/l	93
26) 2,2-Dichloropropane	7.13	77	688	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	18478	4.284	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24986	6.462	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	57870	66.438	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57870	149.082	ug/l #	12

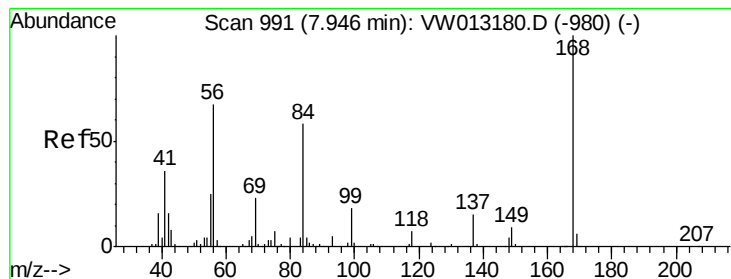
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013236.D
Acq On : 23 Sep 2019 17:22
Operator : SY/VA
Sample : K4863-11RE
Misc : 4.34G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-7-1RE

Quant Time: Sep 24 06:41:08 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

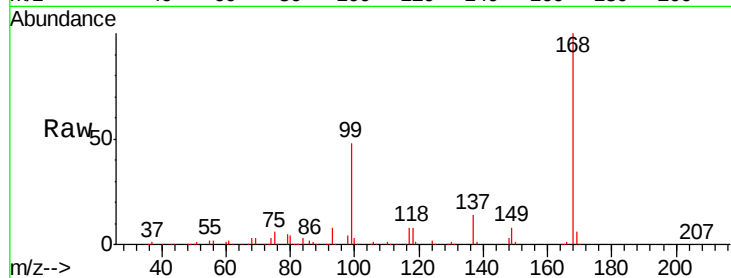
CSA-4-7-1RE

Tgt Ion: 168 Resp: 292453

Ion Ratio Lower Upper

168 100

99 47.9 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

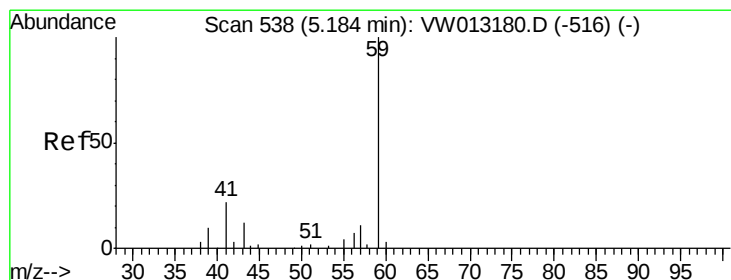
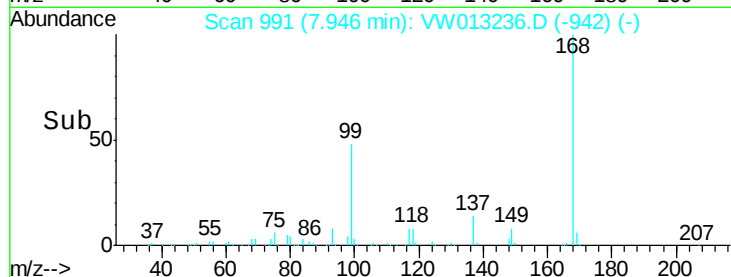
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 16.250 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW013236.D

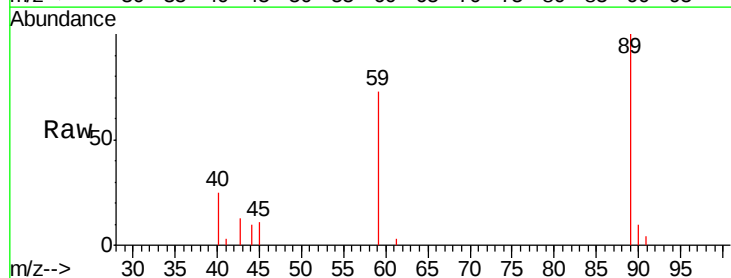
Acq: 23 Sep 2019 17:22

Tgt Ion: 59 Resp: 4416

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

1500

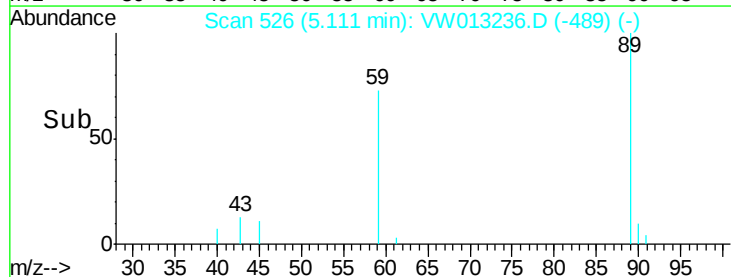
1000

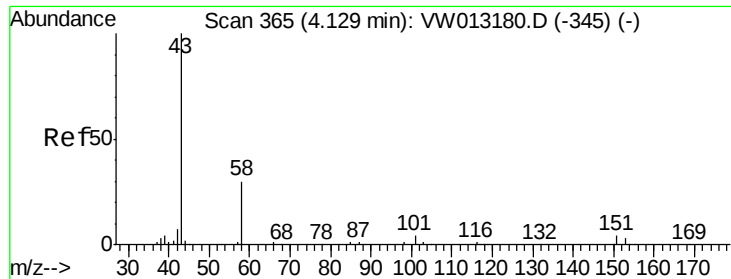
500

0

5.00 5.10 5.20

Time-->





#16

Acetone

Concen: 2.404 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

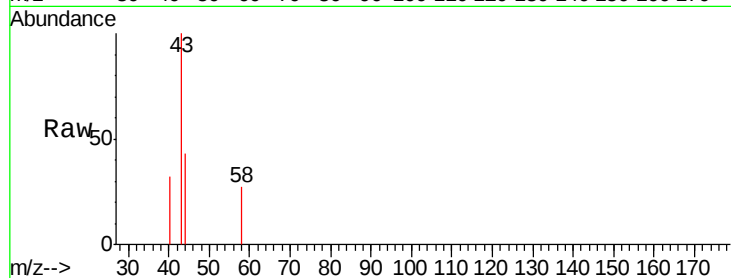
CSA-4-7-1RE

Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

58 26.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

600

500

400

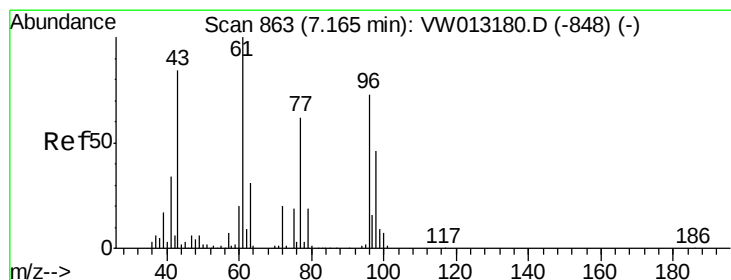
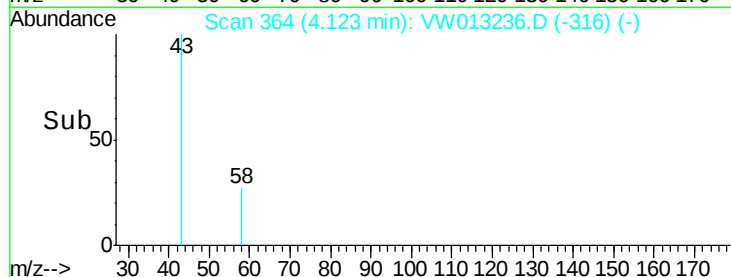
300

200

100

0

Time--> 4.05 4.10 4.15 4.20



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013236.D

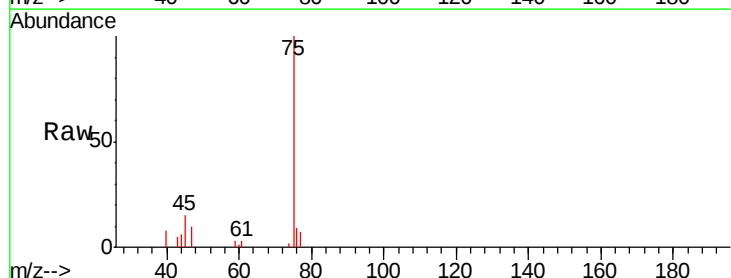
Acq: 23 Sep 2019 17:22

Tgt Ion: 77 Resp: 688

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

7.13

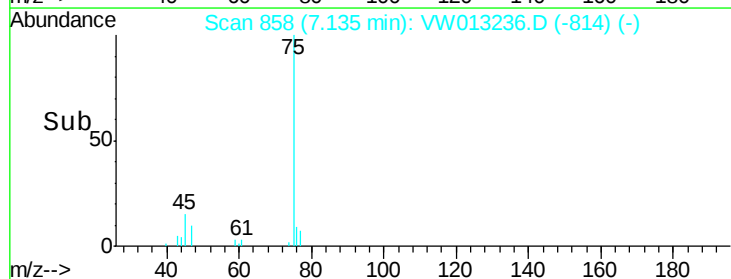
300

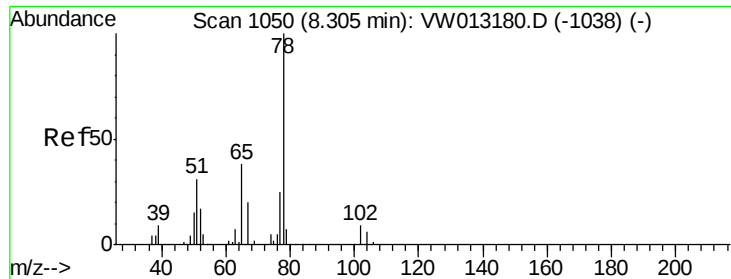
200

100

0

Time--> 7.10 7.15 7.20

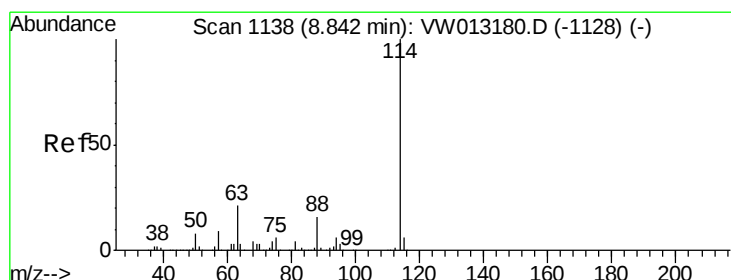
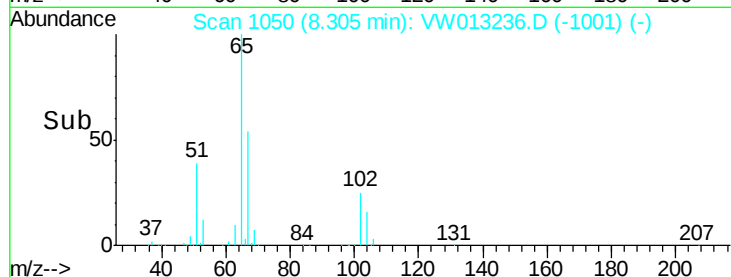
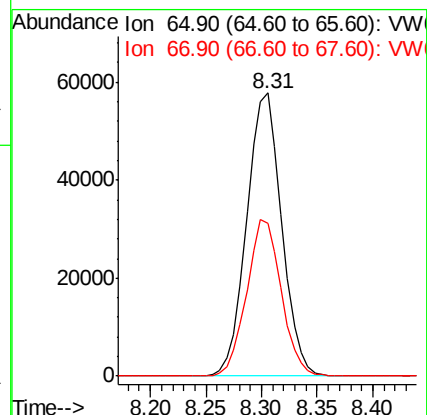
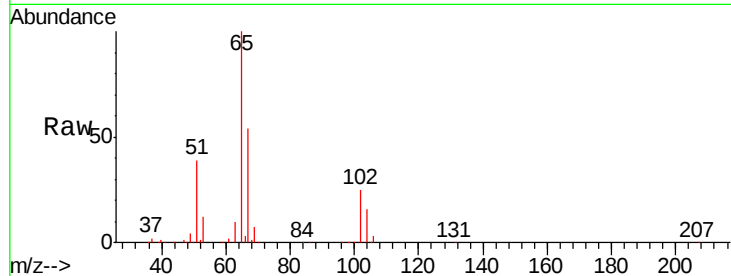




#33
 1,2-Dichloroethane-d4
 Concen: 52.896 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013236.D
 Acq: 23 Sep 2019 17:22

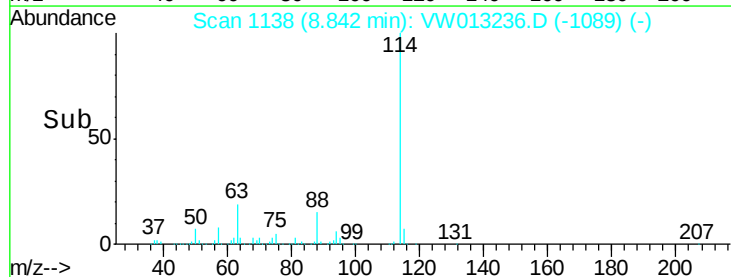
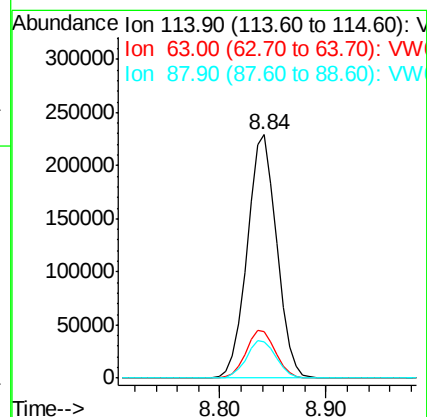
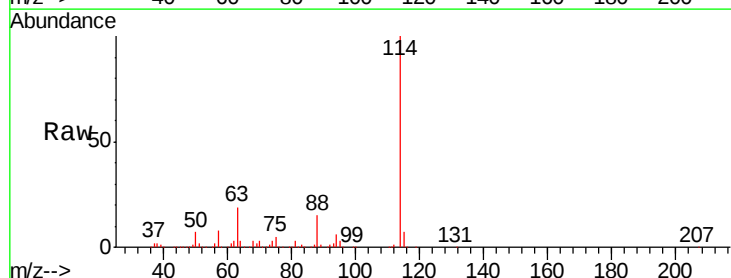
Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-7-1RE

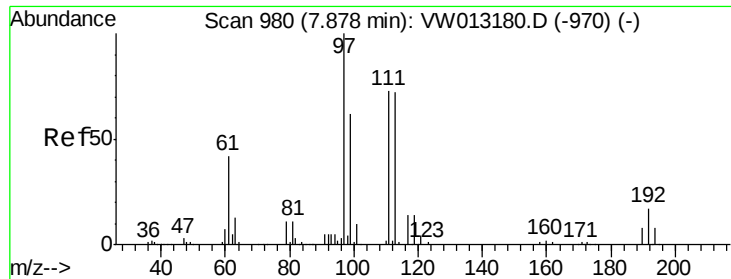
Tgt Ion: 65 Resp: 126255
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013236.D
 Acq: 23 Sep 2019 17:22

Tgt Ion: 114 Resp: 445304
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.0 0.0 32.0

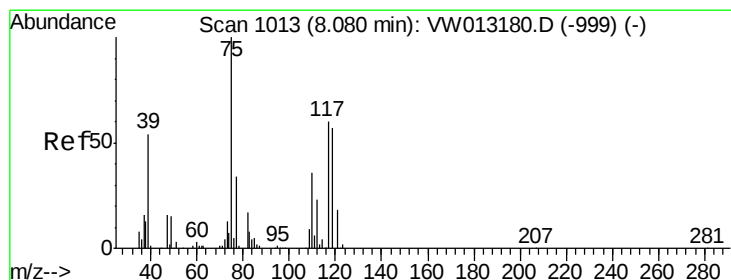
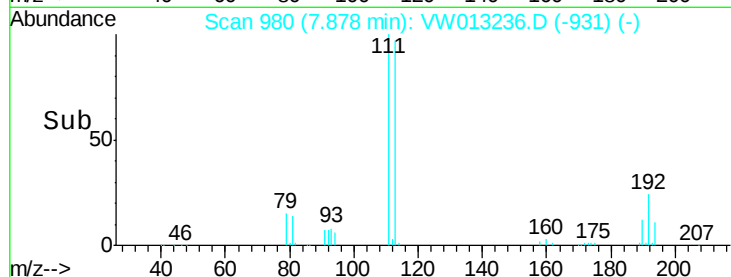
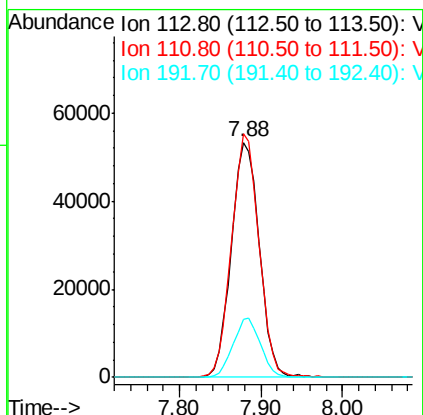
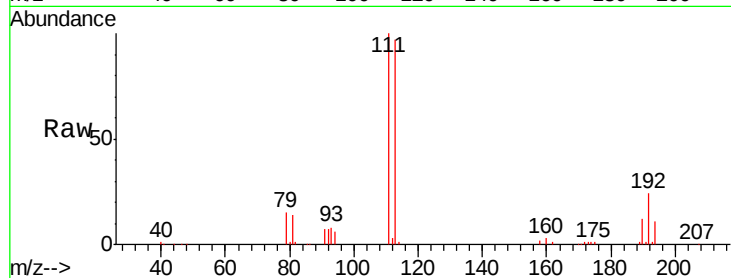




#35
 Dibromofluoromethane
 Concen: 51.523 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013236.D
 Acq: 23 Sep 2019 17:22

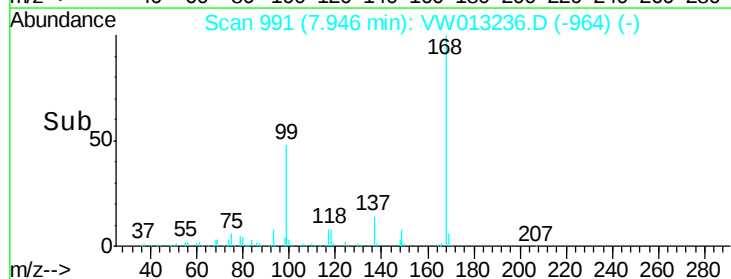
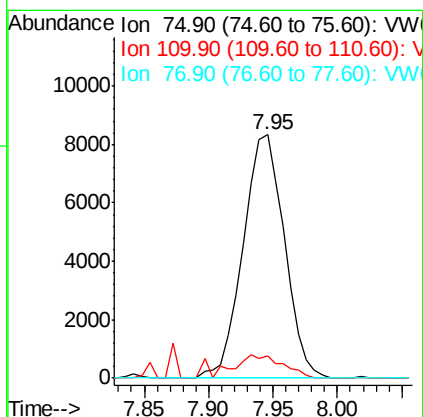
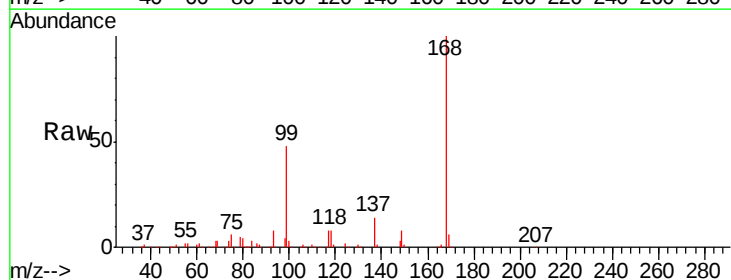
Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-7-1RE

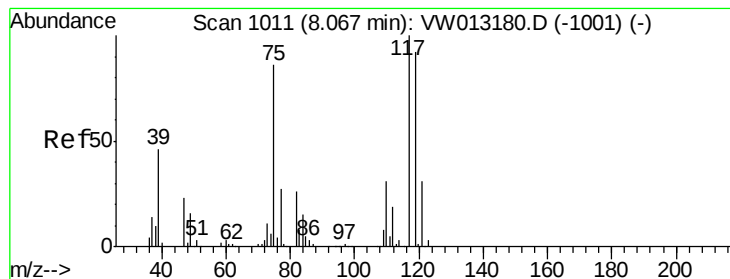
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	24.4	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.284 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013236.D
 Acq: 23 Sep 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.3#
77	0.0	25.8	38.6#





#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

CSA-4-7-1RE

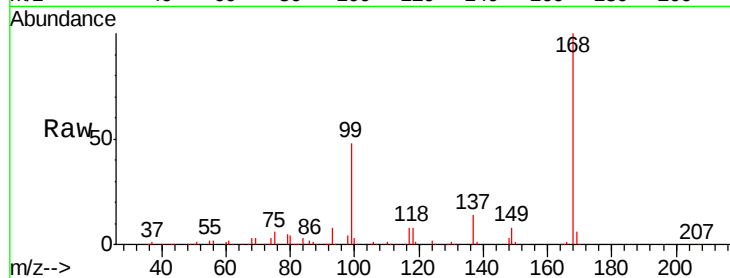
Tgt Ion:117 Resp: 24986

Ion Ratio Lower Upper

117 100

119 6.8 73.5 110.3#

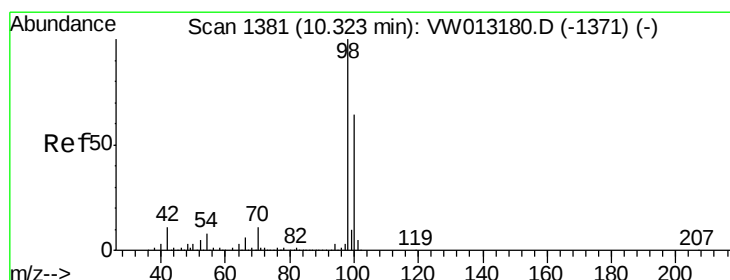
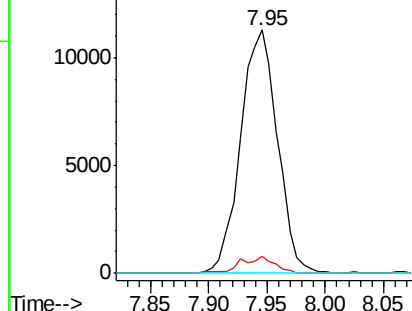
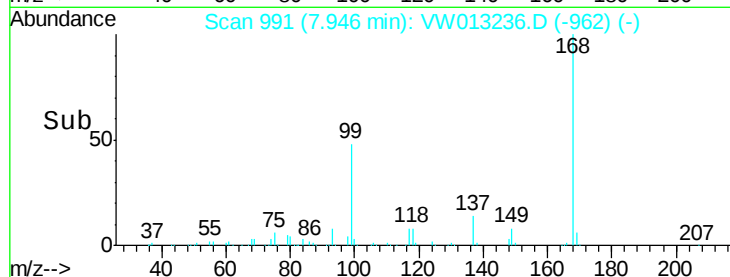
121 0.0 25.0 37.6#



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: 47.291 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013236.D

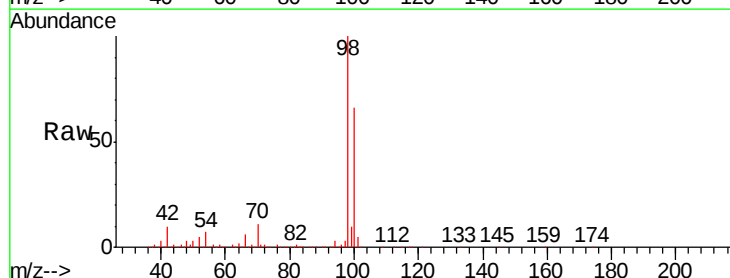
Acq: 23 Sep 2019 17:22

Tgt Ion: 98 Resp: 484733

Ion Ratio Lower Upper

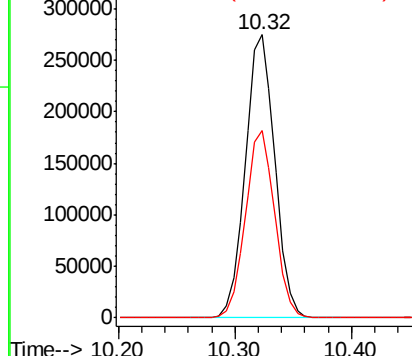
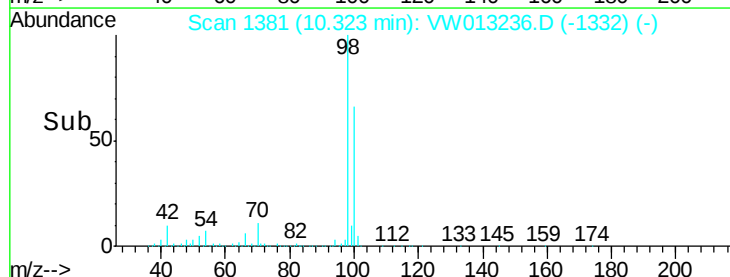
98 100

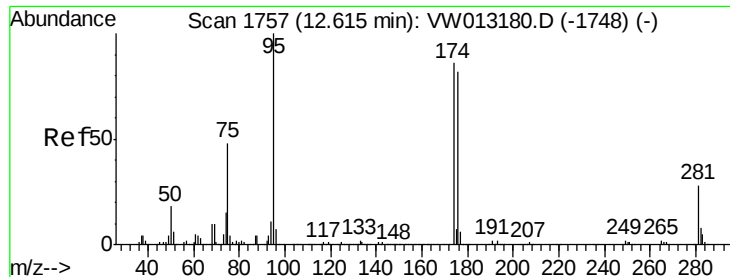
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 35.248 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-7-1RE

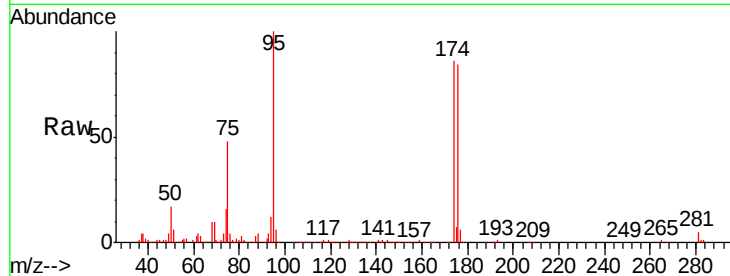
Tgt Ion: 95 Resp: 123415

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.4

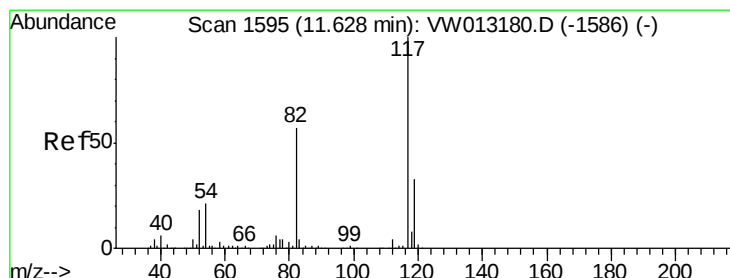
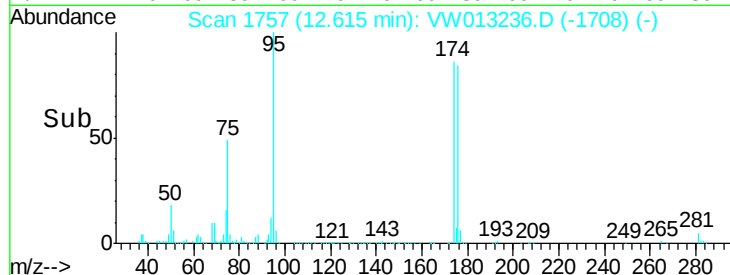
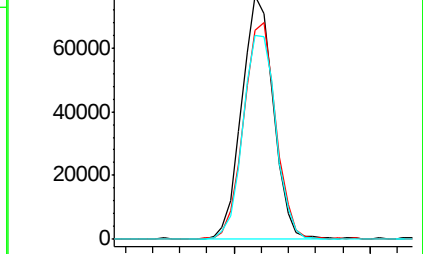
176 88.0 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

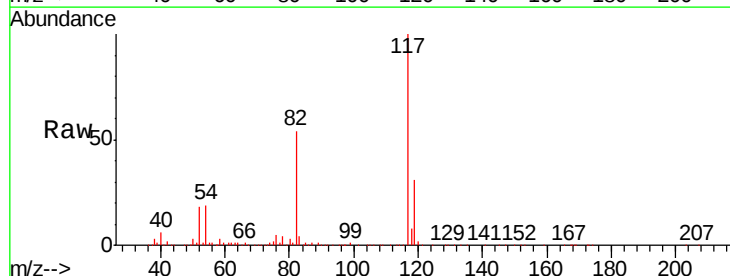
Tgt Ion: 117 Resp: 324696

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

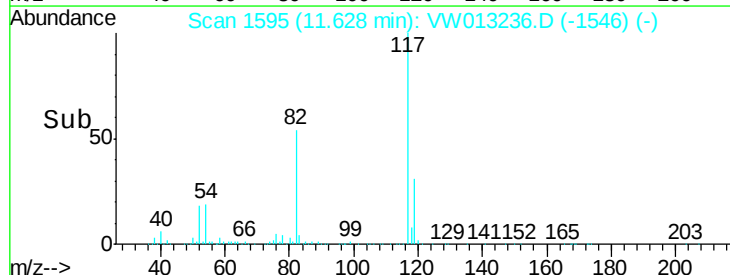
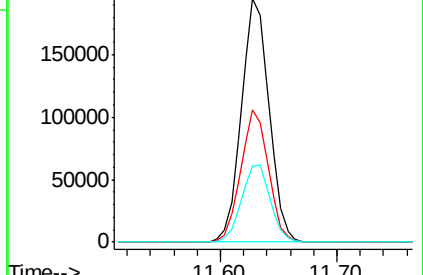
119 31.1 26.2 39.2

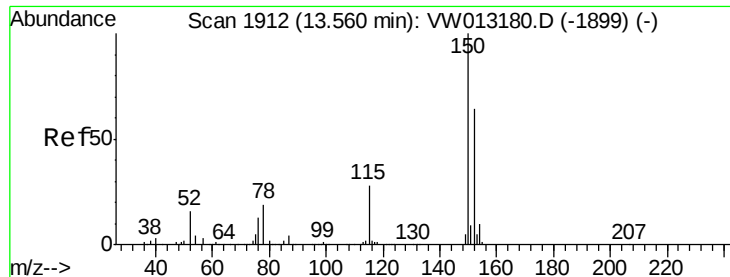


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-7-1RE

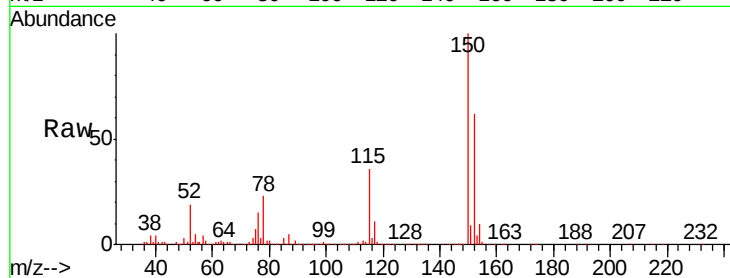
Tgt Ion:152 Resp: 98630

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

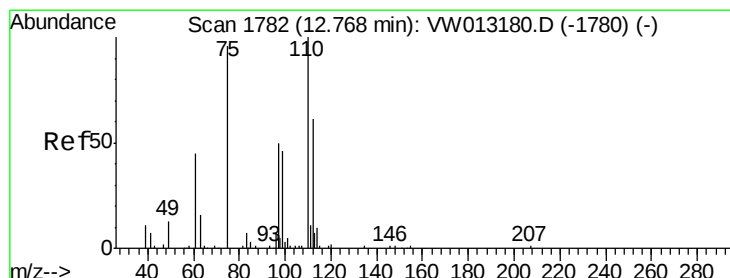
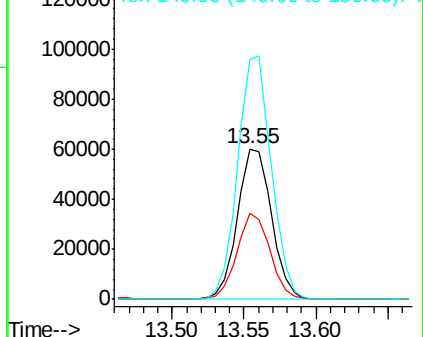
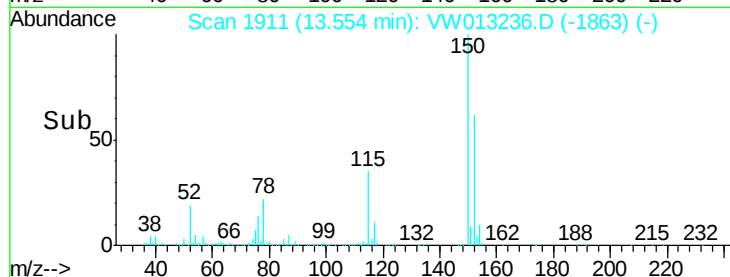
150 159.9 0.0 349.0



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: 66.438 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013236.D

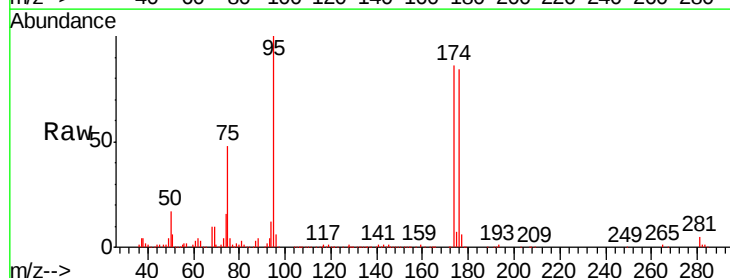
Acq: 23 Sep 2019 17:22

Tgt Ion: 75 Resp: 57870

Ion Ratio Lower Upper

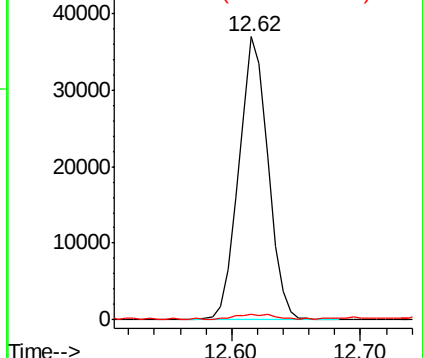
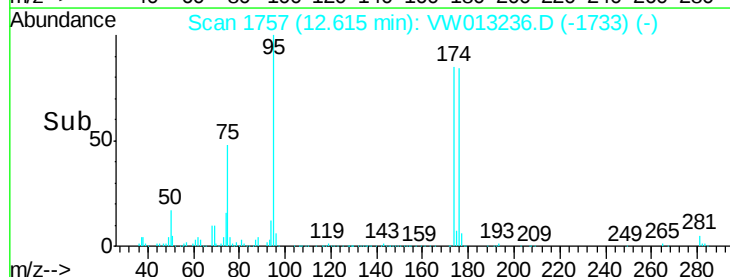
75 100

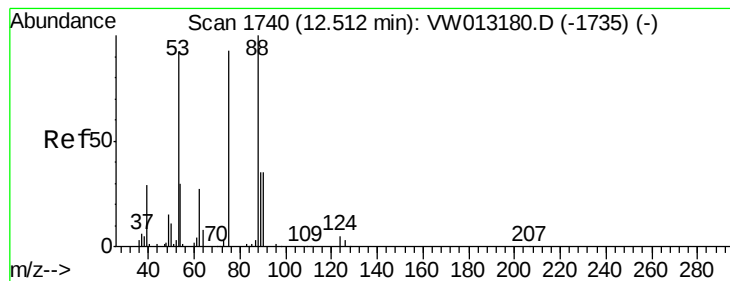
77 2.2 0.0 0.0#



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: 149.082 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-7-1RE

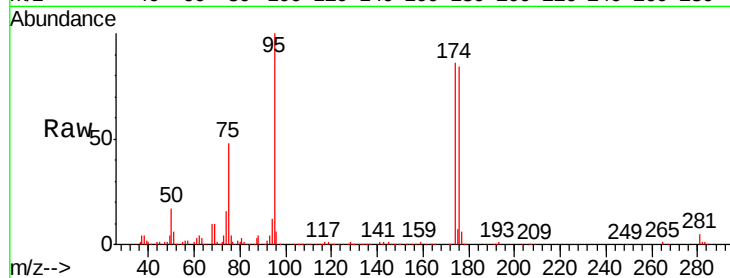
Tgt Ion: 75 Resp: 57870

Ion Ratio Lower Upper

75 100

53 0.1 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

