

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102419\
 Data File : VW013723.D
 Acq On : 24 Oct 2019 20:38
 Operator : SY/VA
 Sample : K5503-06RE
 Misc : 4.25G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 175-12-(2)

Quant Time: Oct 25 08:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

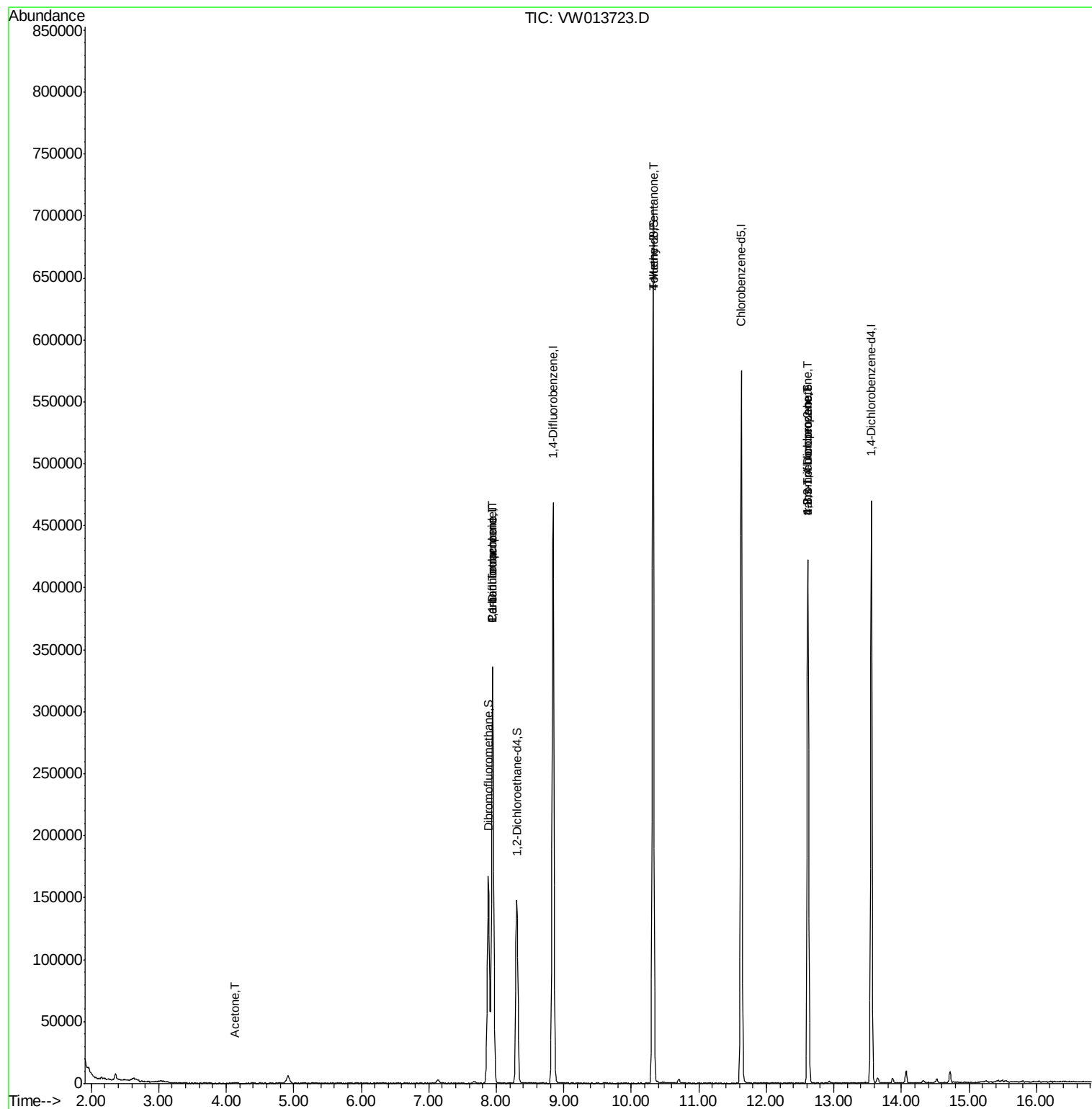
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	117919	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
35) Dibromofluoromethane	7.88	113	123193	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.32	98	477854	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	139650	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
16) Acetone	4.13	43	968	2.188	ug/l	90
20) Methylene Chloride	4.92	84	5196	Below Cal		84
36) 1,1-Dichloropropene	7.95	75	17939	4.592	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24017	6.828	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2210	1.554	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	66843	69.991	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66843	132.274	ug/l #	14

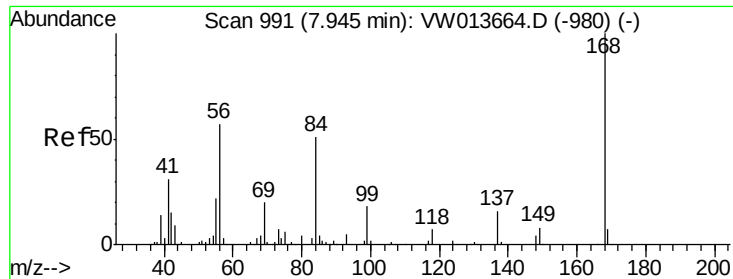
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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175-12-(2)

Quant Time: Oct 25 08:00:33 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013723.D

Acq: 24 Oct 2019 20:38

Instrument :

MSVOA_W

ClientSampleId :

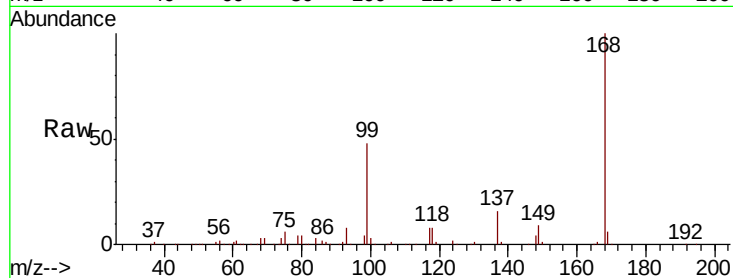
175-12-(2)

Tot Ion:168 Resp: 278175

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

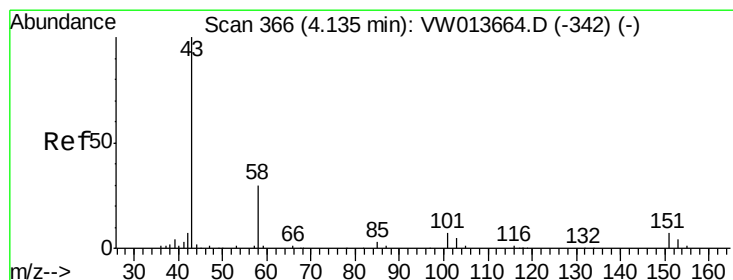
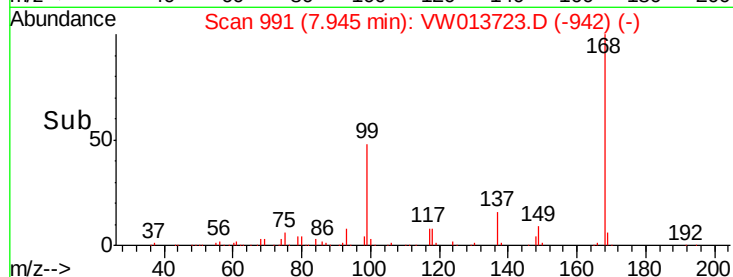
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.188 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013723.D

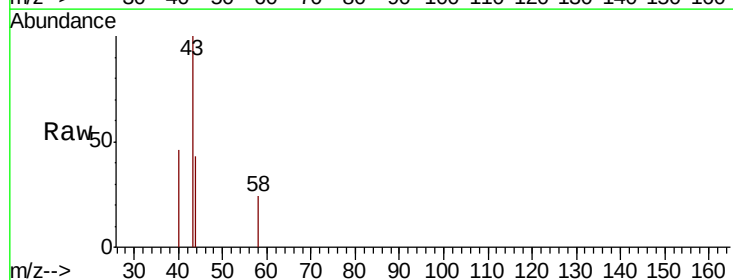
Acq: 24 Oct 2019 20:38

Tgt Ion: 43 Resp: 968

Ion Ratio Lower Upper

43 100

58 24.5 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

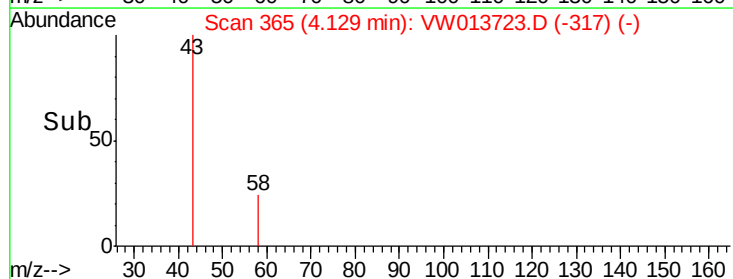
300

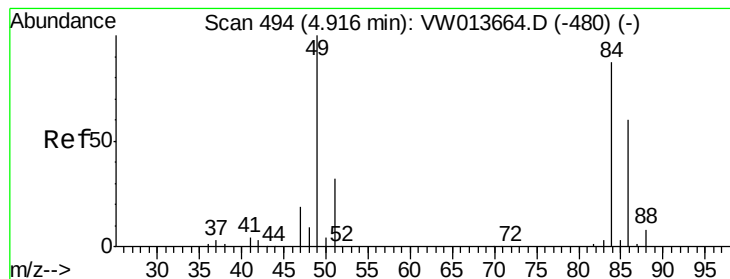
200

100

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013723.D

Acq: 24 Oct 2019 20:38

Instrument :

MSVOA_W

ClientSampled :

175-12-(2)

Tot Ion: 84 Resp: 5196

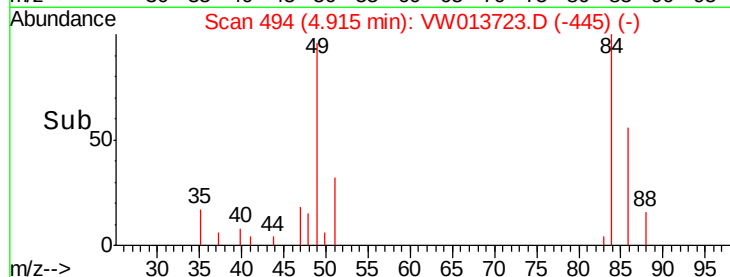
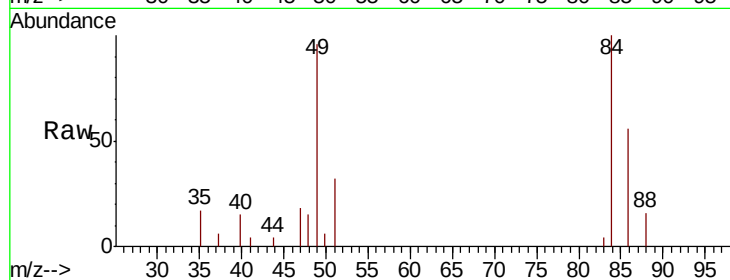
Ion Ratio Lower Upper

84 100

49 95.7 91.8 137.6

51 31.5 29.8 44.6

86 55.8 55.2 82.8

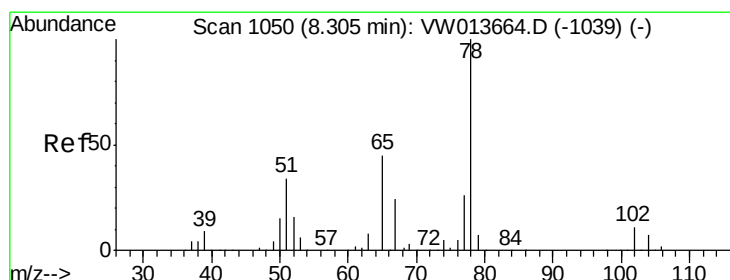
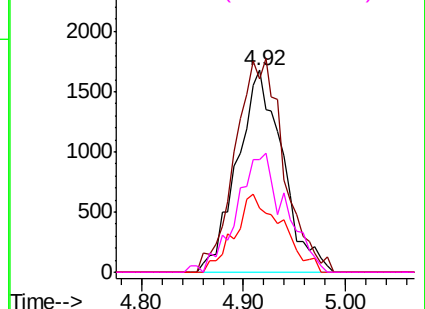


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.508 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013723.D

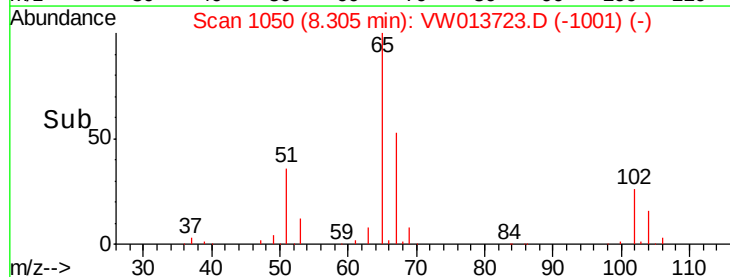
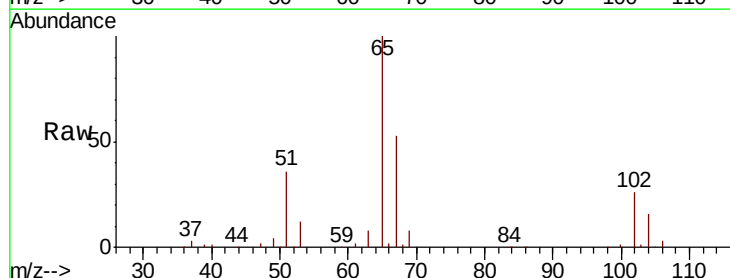
Acq: 24 Oct 2019 20:38

Tgt Ion: 65 Resp: 117919

Ion Ratio Lower Upper

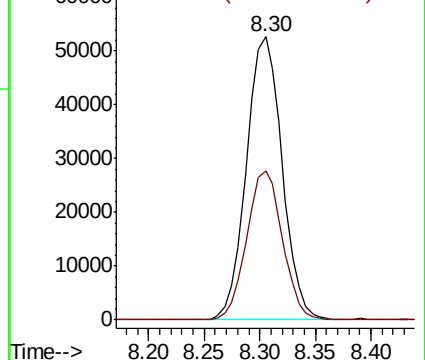
65 100

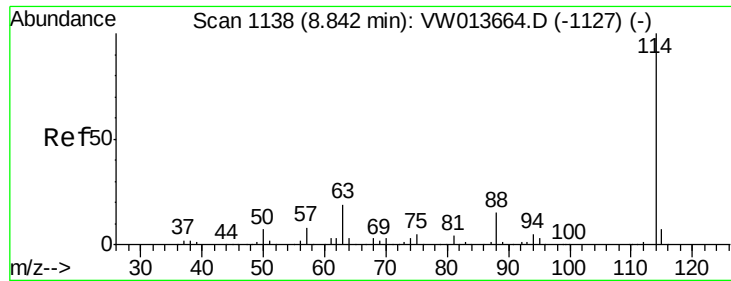
67 52.7 0.0 109.4



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: VW013723.D

Acq: 24 Oct 2019 20:38

Instrument :

MSVOA_W

ClientSampled :

175-12-(2)

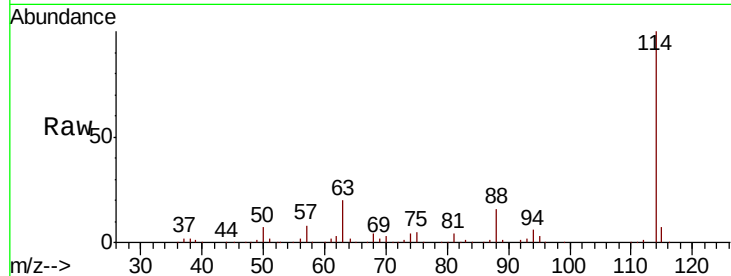
Tot Ion:114 Resp: 419439

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

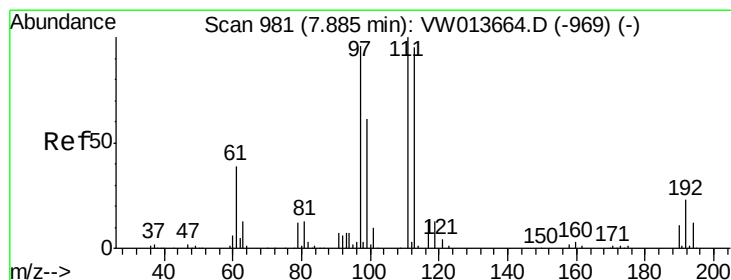
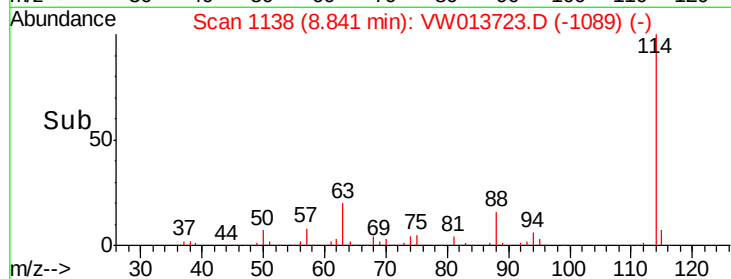
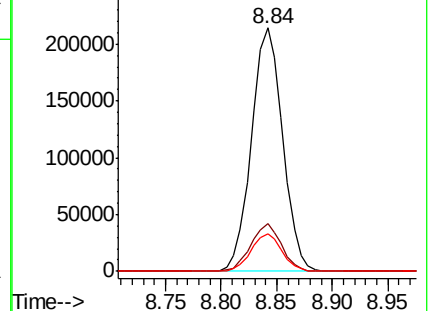
88 15.6 0.0 30.2



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: 52.858 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013723.D

Acq: 24 Oct 2019 20:38

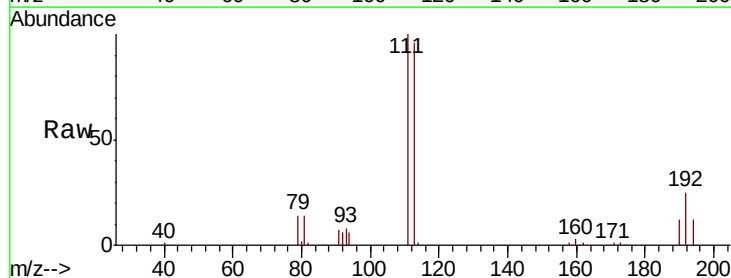
Tgt Ion:113 Resp: 123193

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.6

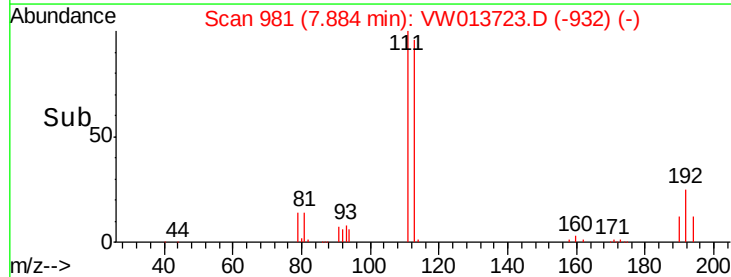
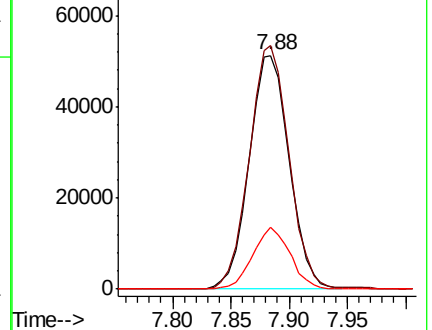
192 24.7 19.4 29.2

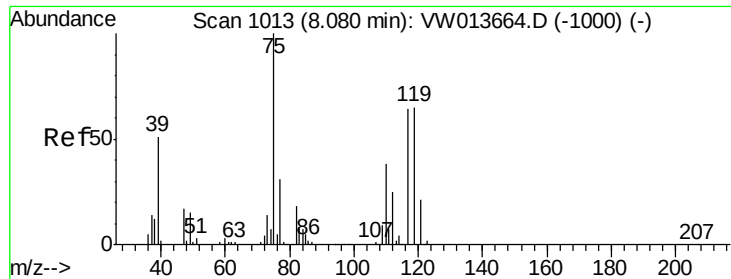


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.592 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW013723.D

Acq: 24 Oct 2019 20:38

Instrument :

MSVOA_W

ClientSampleId :

175-12-(2)

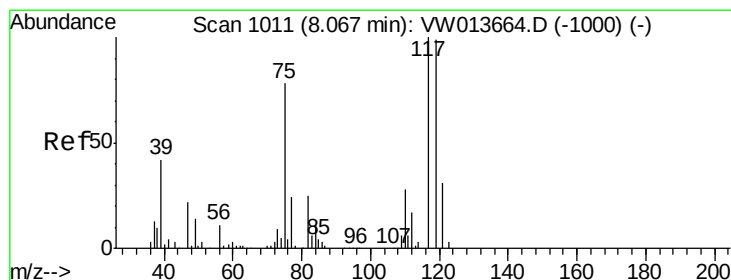
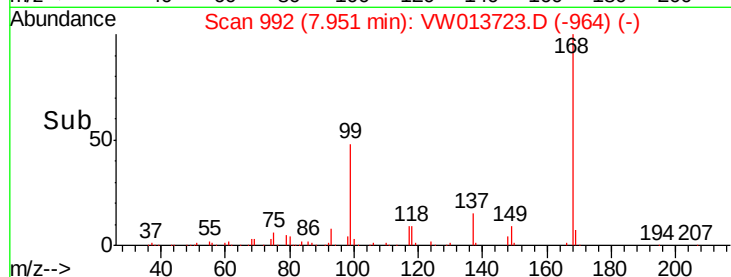
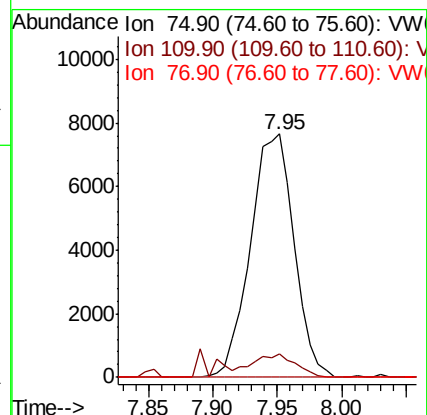
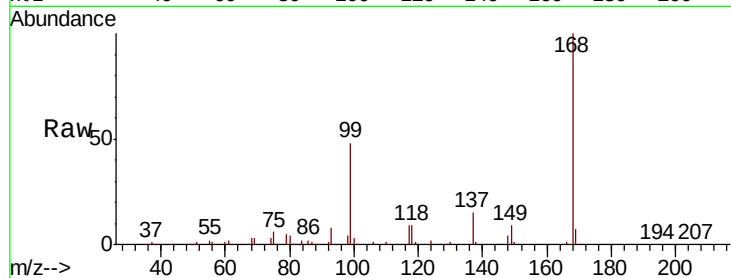
Tot Ion: 75 Resp: 17939

Ion Ratio Lower Upper

75 100

110 9.6 18.7 56.1#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.828 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013723.D

Acq: 24 Oct 2019 20:38

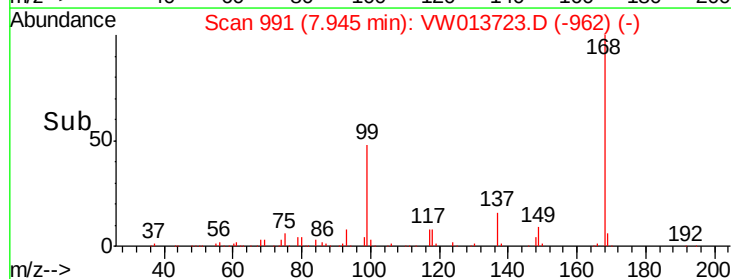
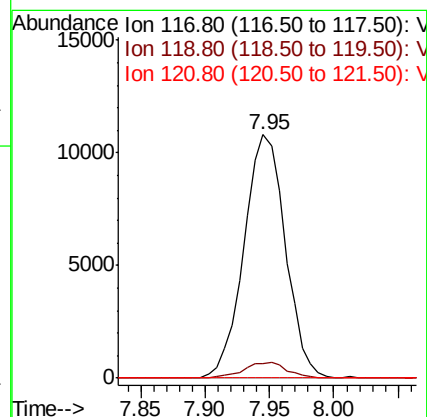
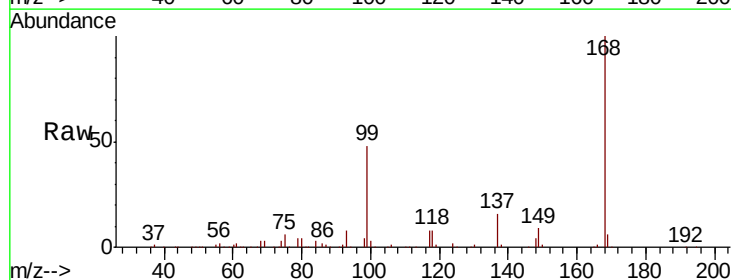
Tgt Ion: 117 Resp: 24017

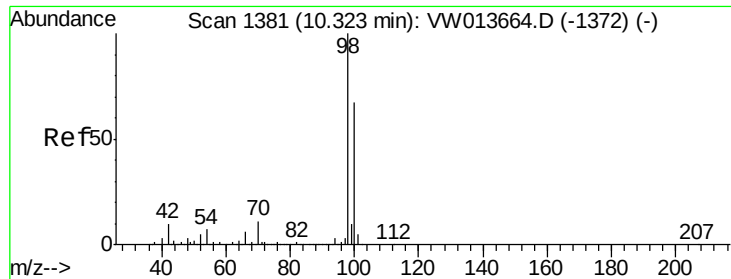
Ion Ratio Lower Upper

117 100

119 6.2 79.0 118.4#

121 0.0 24.5 36.7#

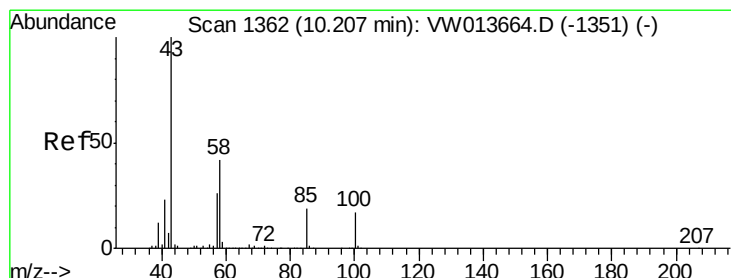
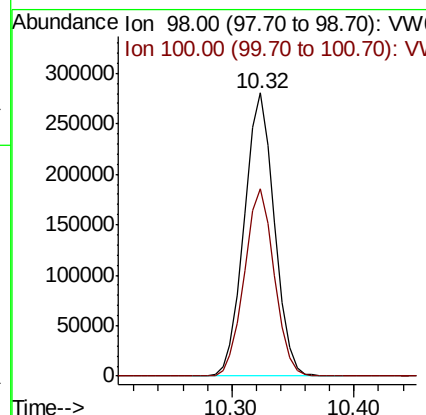
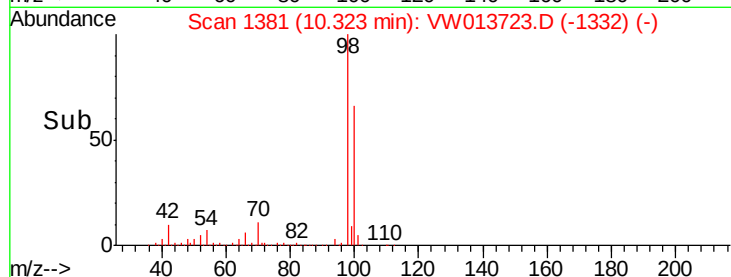
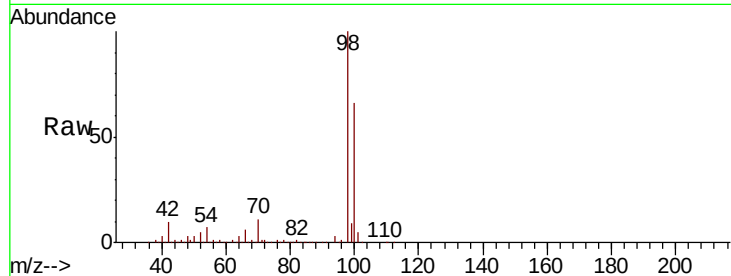




#50
Toluene-d8
Concen: 50.318 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013723.D
Acq: 24 Oct 2019 20:38

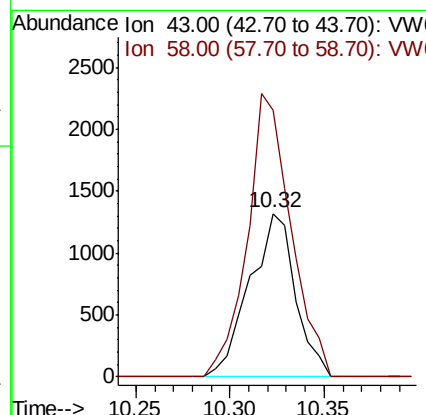
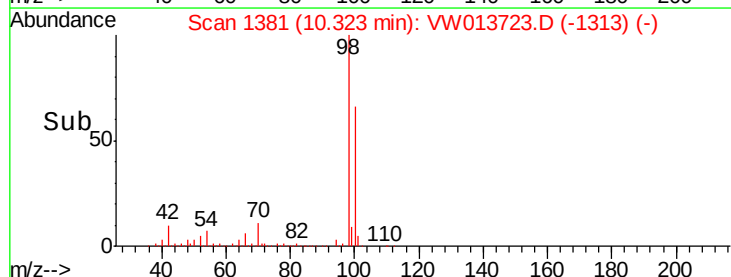
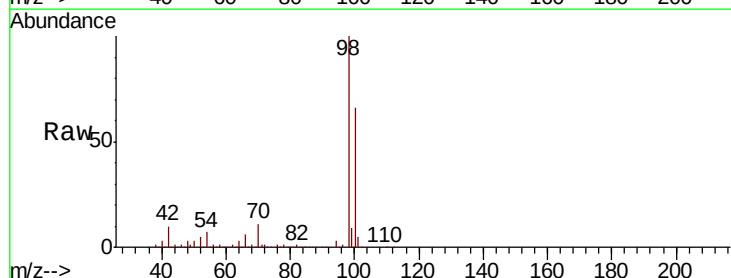
Instrument :
MSVOA_W
ClientSampleId :
175-12-(2)

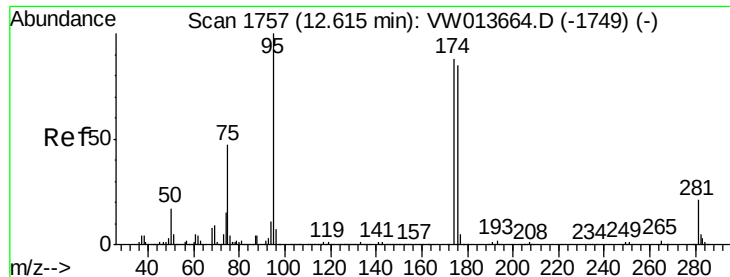
Tot Ion: 98 Resp: 477854
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 1.554 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW013723.D
Acq: 24 Oct 2019 20:38

Tgt Ion: 43 Resp: 2210
Ion Ratio Lower Upper
43 100
58 166.0 32.6 49.0#

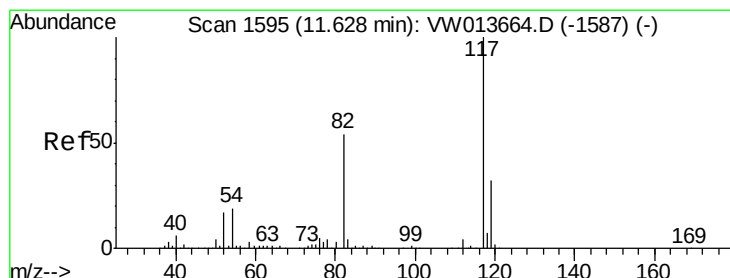
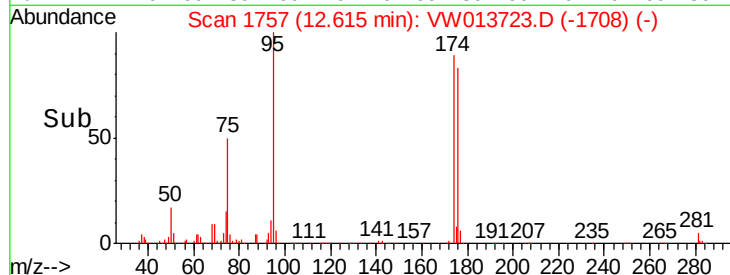
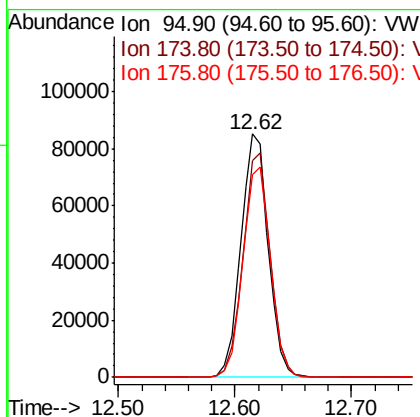
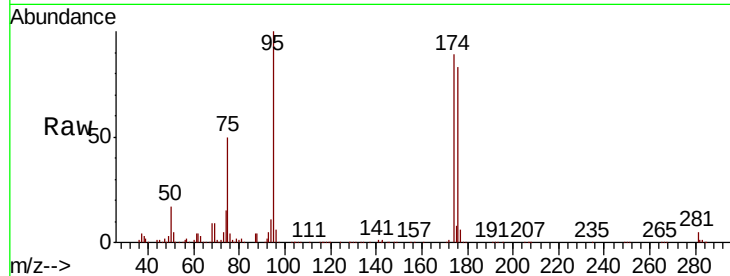




#62
4-Bromofluorobenzene
Concen: 43.429 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013723.D
Acq: 24 Oct 2019 20:38

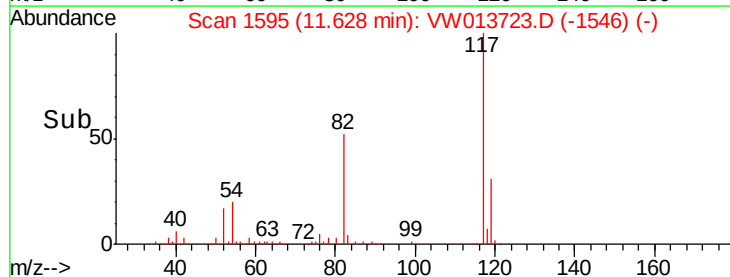
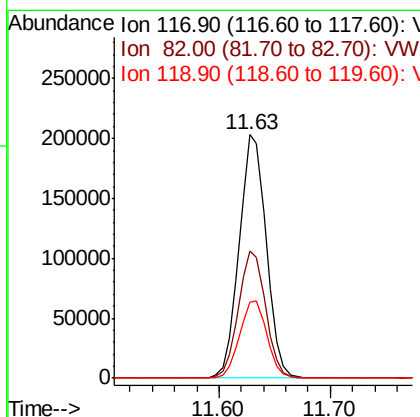
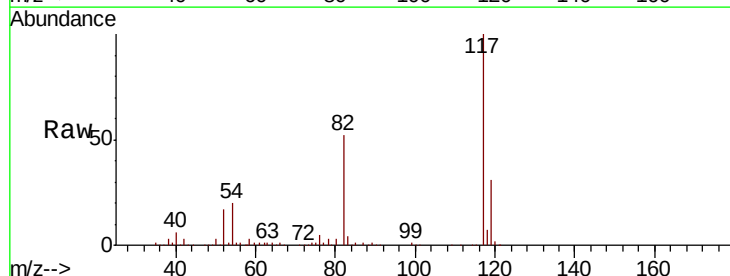
Instrument :
MSVOA_W
ClientSampleId :
175-12-(2)

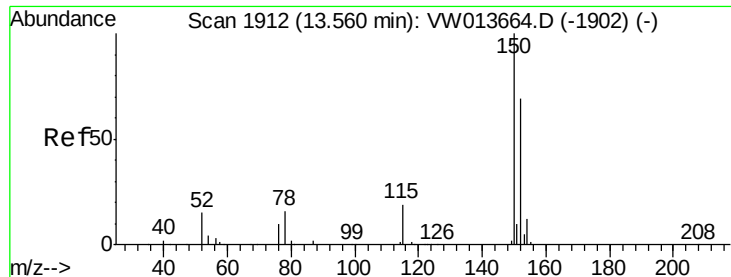
Tot Ion: 95 Resp: 139650
Ion Ratio Lower Upper
95 100
174 91.5 0.0 183.6
176 87.4 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013723.D
Acq: 24 Oct 2019 20:38

Tgt Ion: 117 Resp: 341972
Ion Ratio Lower Upper
117 100
82 52.3 43.6 65.4
119 31.4 25.4 38.2



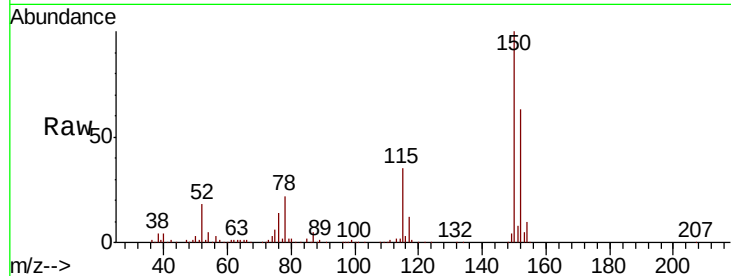


#72

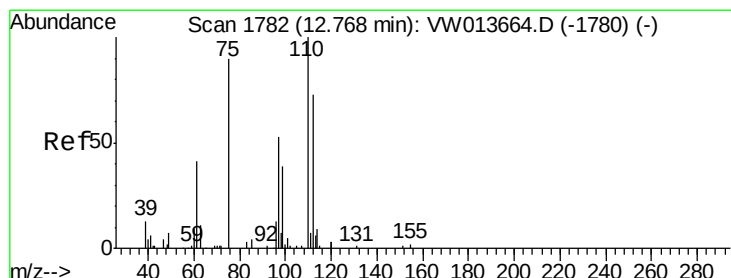
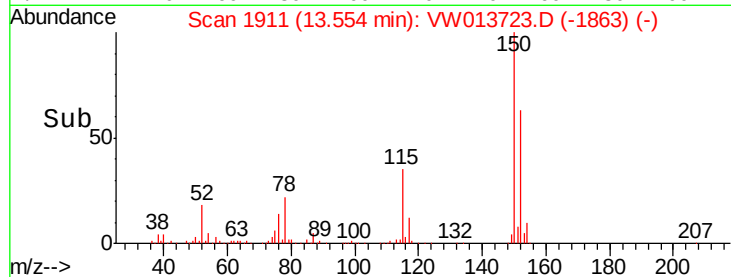
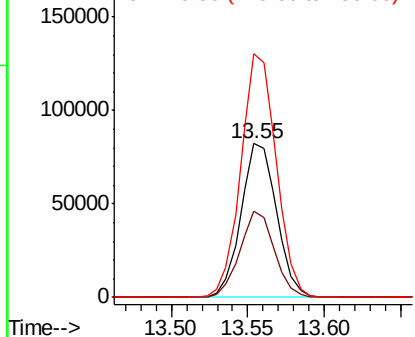
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013723.D
Acq: 24 Oct 2019 20:38

Instrument :
MSVOA_W
ClientSampleId :
175-12-(2)

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.4	82.2
150	157.2	0.0	345.4



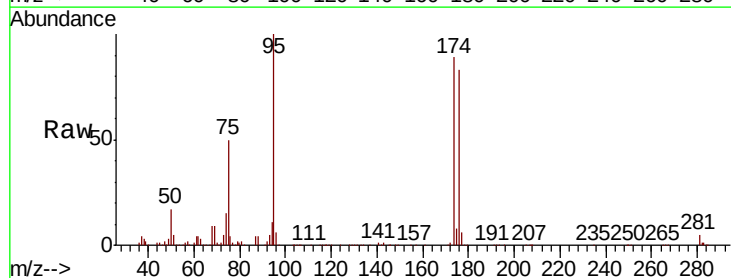
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



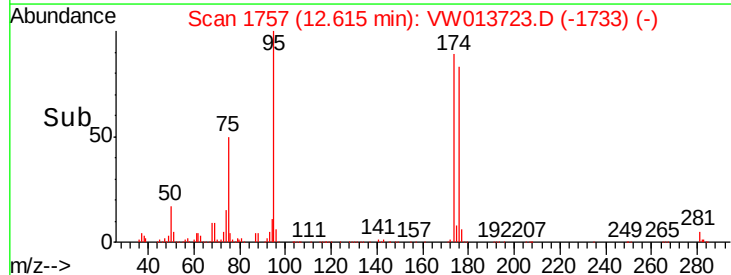
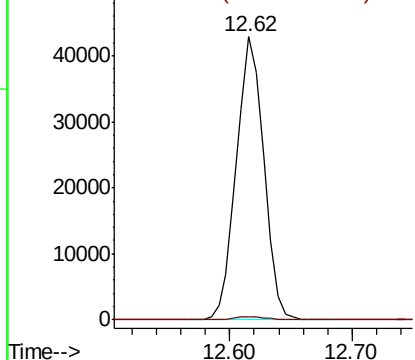
#76

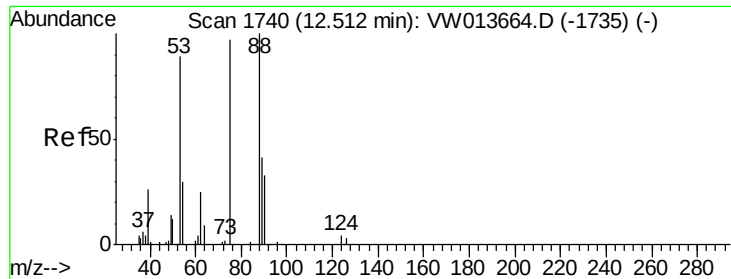
1,2,3-Trichloropropane
Concen: 69.991 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013723.D
Acq: 24 Oct 2019 20:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	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: 132.274 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013723.D

Acq: 24 Oct 2019 20:38

Instrument :

MSVOA_W

ClientSampleId :

175-12-(2)

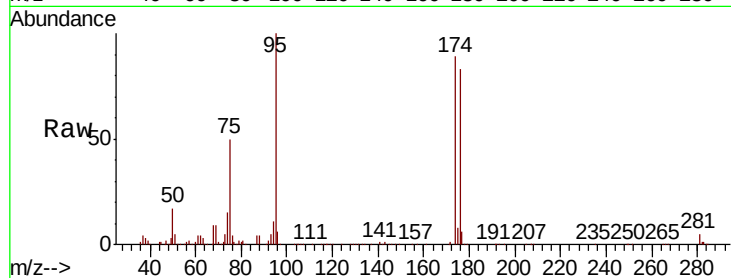
Tot Ion: 75 Resp: 66843

Ion Ratio Lower Upper

75 100

53 0.1 71.7 107.5#

89 0.0 35.8 53.8#



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

