

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013724.D
 Acq On : 24 Oct 2019 21:04
 Operator : SY/VA
 Sample : K5503-20RE
 Misc : 7.84G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 08:00:42 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

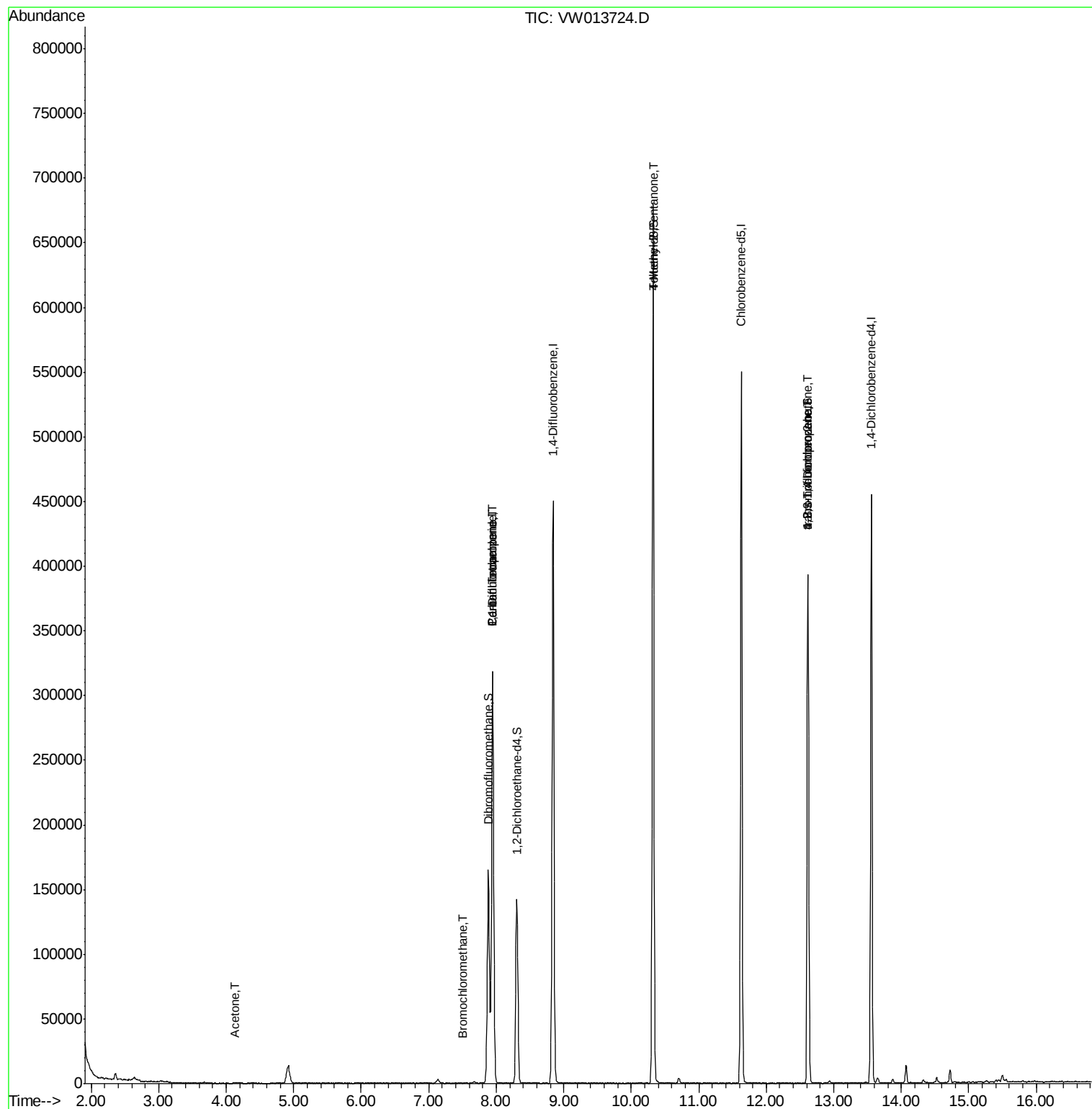
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112172	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	118907	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.32	98	458287	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	133867	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1487	3.515	ug/l	89
28) Bromochloromethane	7.51	49	25	1.356	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	17189	4.634	ug/l #	48
38) Carbon Tetrachloride	7.95	117	22417	6.710	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1579	1.169	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	62554	65.409	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	62554	123.615	ug/l #	14

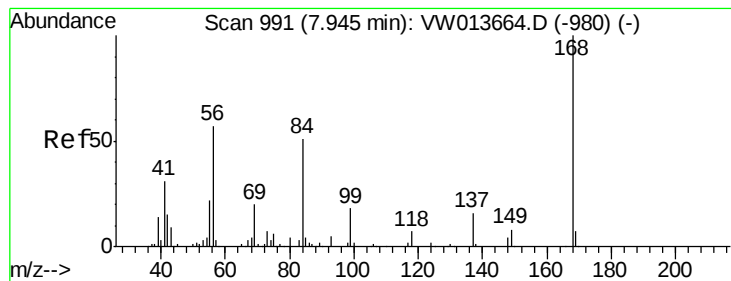
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013724.D

Acq: 24 Oct 2019 21:04

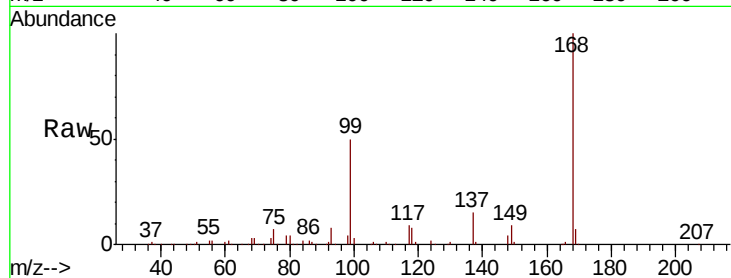
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 265967

Ion Ratio Lower Upper

168 100

99 49.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

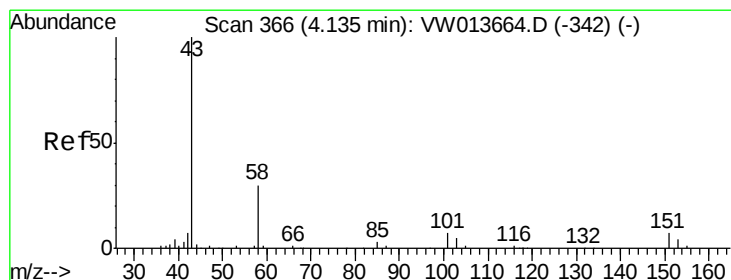
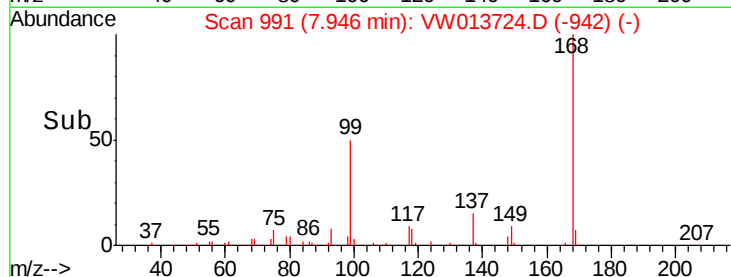
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.515 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013724.D

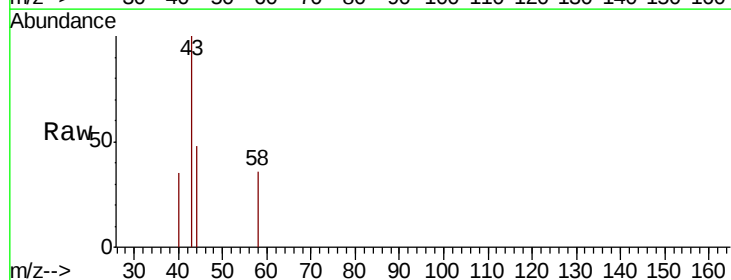
Acq: 24 Oct 2019 21:04

Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

43 100

58 35.9 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

500

400

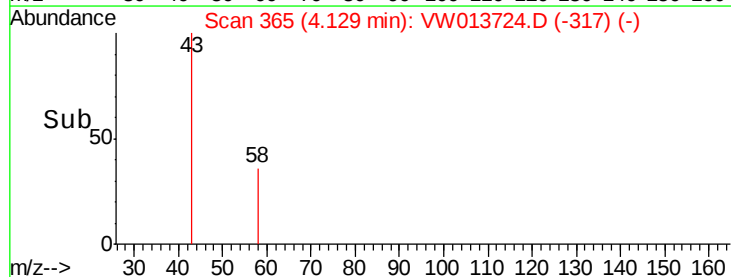
300

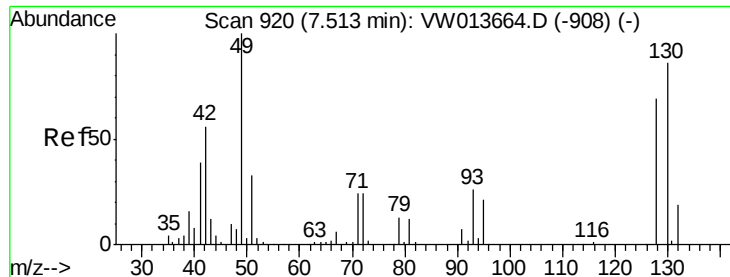
200

100

0

Time--> 4.05 4.10 4.15 4.20





#28

Bromochloromethane

Concen: 1.356 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW013724.D

Acq: 24 Oct 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

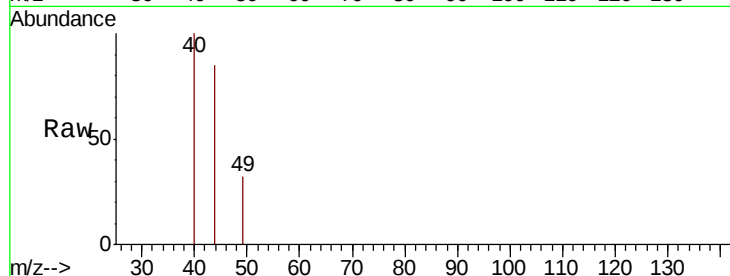
Tot Ion: 49 Resp: 25

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

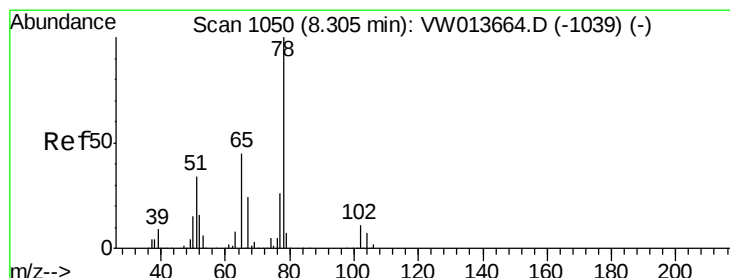
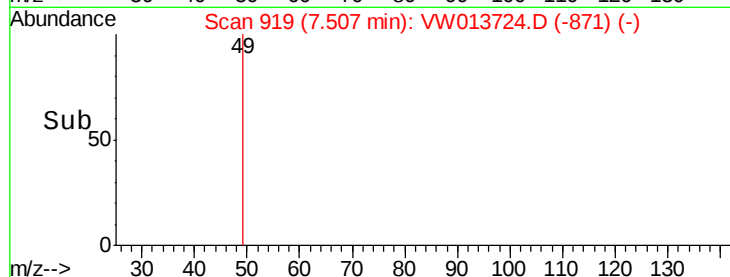
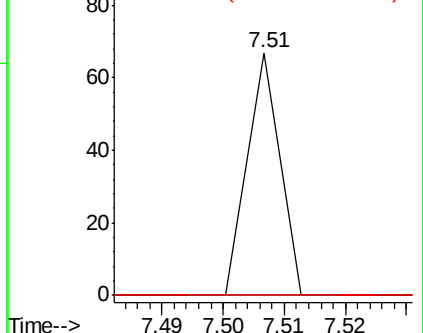
130 0.0 67.5 101.3#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#33

1,2-Dichloroethane-d4

Concen: 56.221 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013724.D

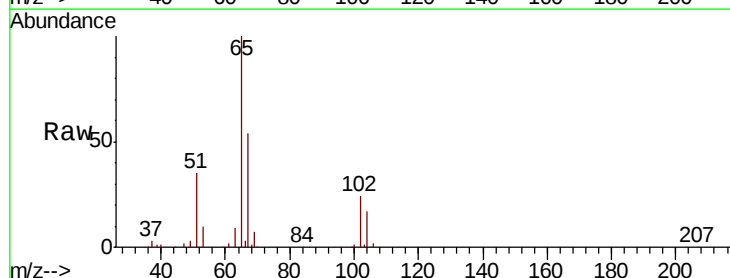
Acq: 24 Oct 2019 21:04

Tgt Ion: 65 Resp: 112172

Ion Ratio Lower Upper

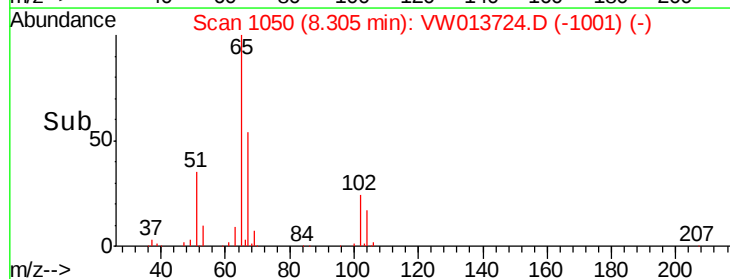
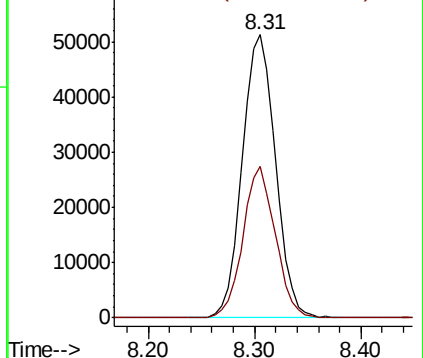
65 100

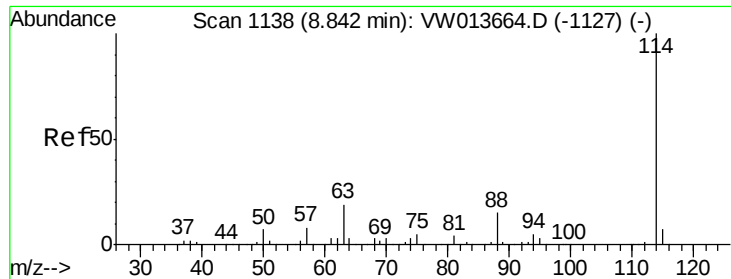
67 52.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

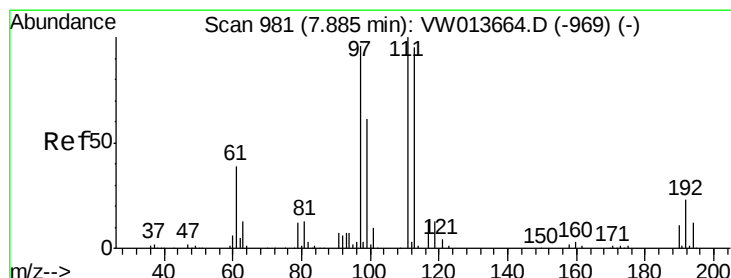
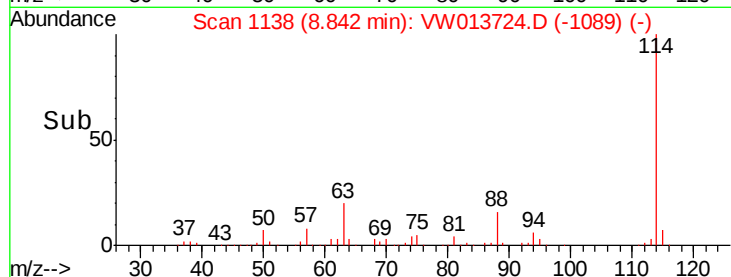
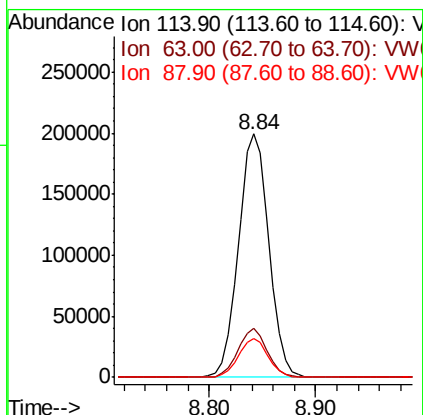
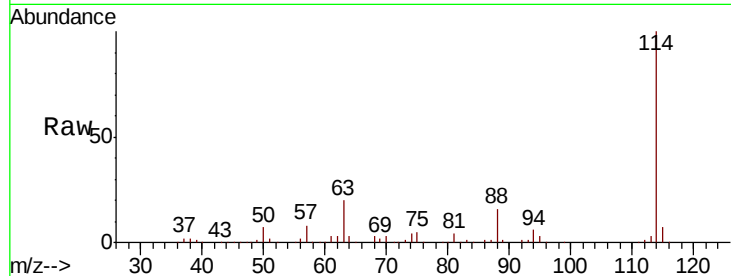




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013724.D
 Acq: 24 Oct 2019 21:04

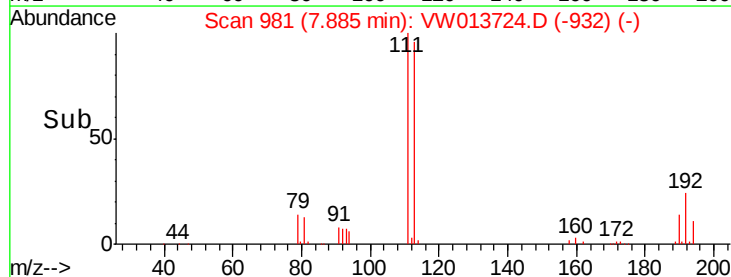
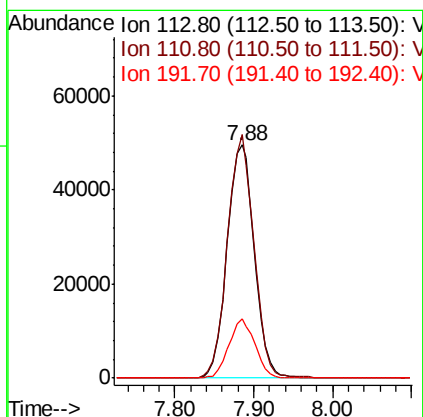
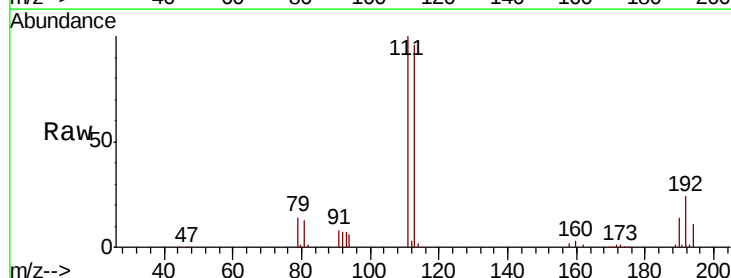
Instrument :
 MSVOA_W
 ClientSampled :

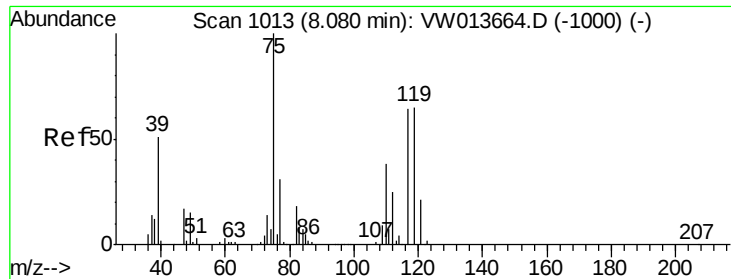
Tot Ion:114 Resp: 398334
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.6
 88 15.9 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 53.722 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013724.D
 Acq: 24 Oct 2019 21:04

Tgt Ion:113 Resp: 118907
 Ion Ratio Lower Upper
 113 100
 111 101.3 83.0 124.6
 192 24.2 19.4 29.2

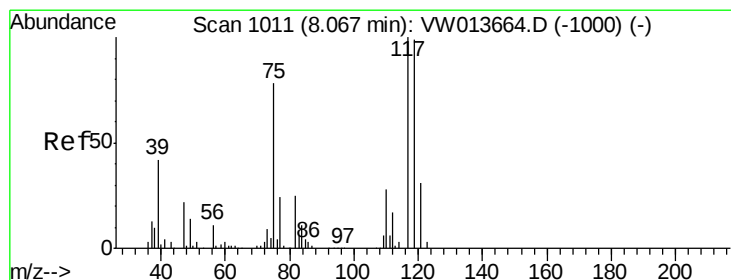
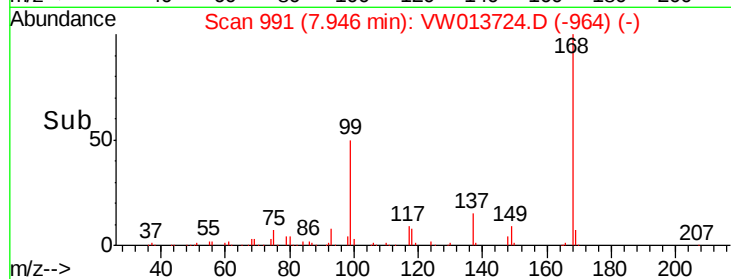
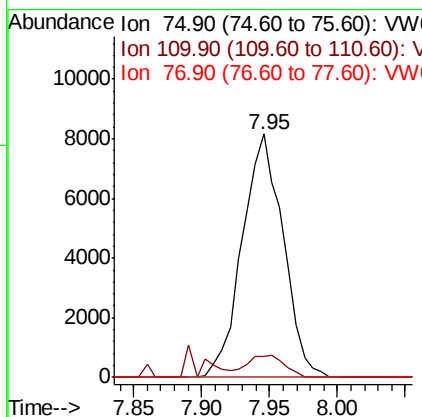
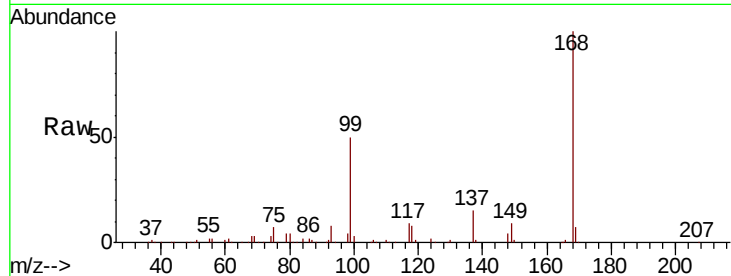




#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013724.D
 Acq: 24 Oct 2019 21:04

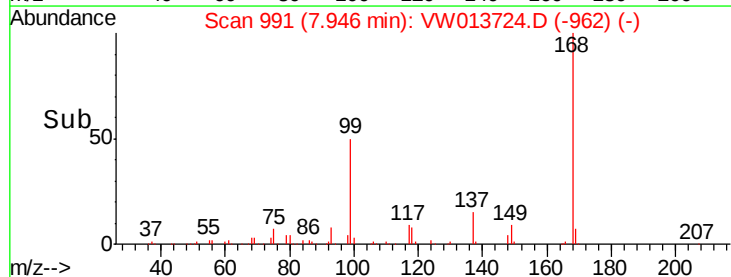
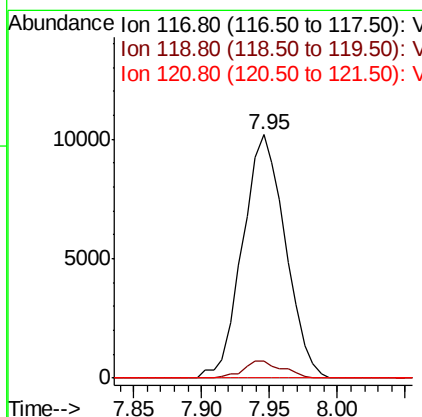
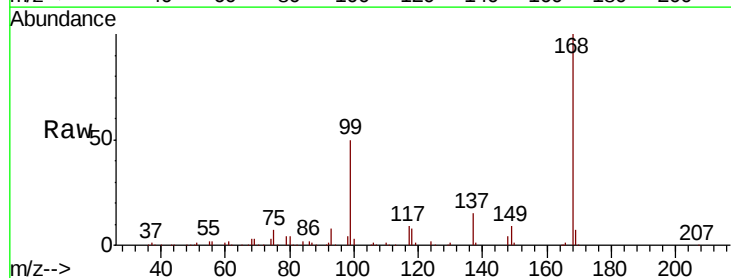
Instrument :
 MSVOA_W
 ClientSampleId :

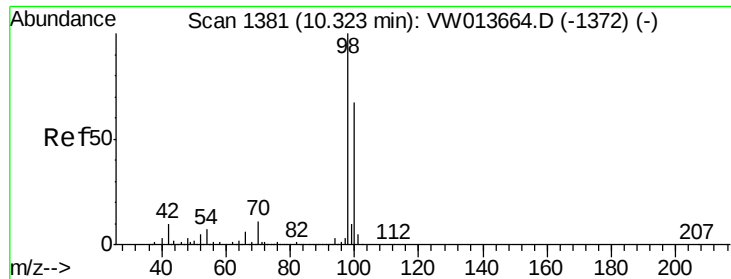
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.7	56.1#
77	0.0	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.710 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013724.D
 Acq: 24 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	79.0	118.4#
121	0.0	24.5	36.7#





#50

Toluene-d8

Concen: 50.814 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013724.D

Acq: 24 Oct 2019 21:04

Instrument :

MSVOA_W

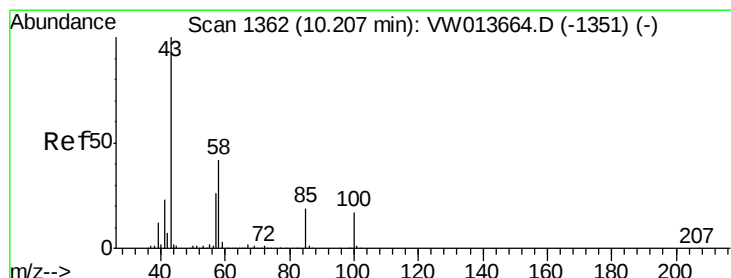
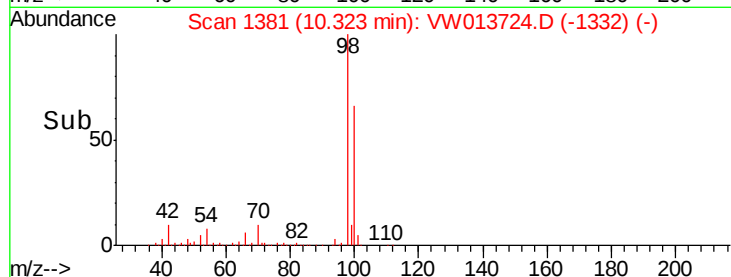
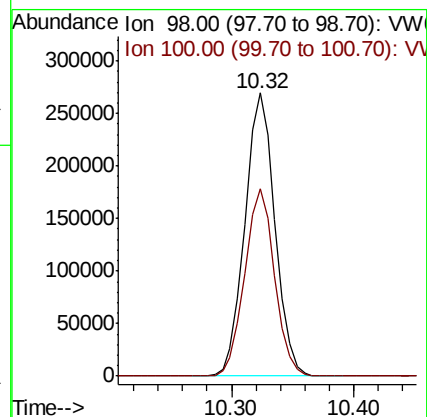
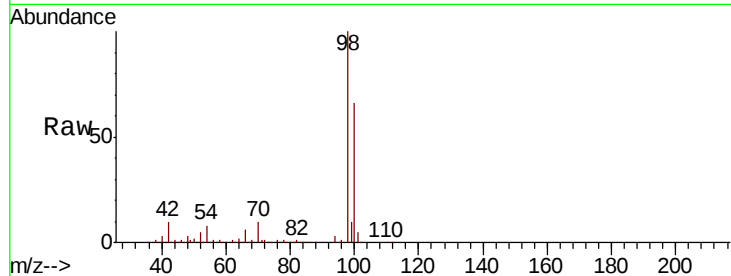
ClientSampled :

Tot Ion: 98 Resp: 458287

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.169 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. 0.11 min

Lab File: VW013724.D

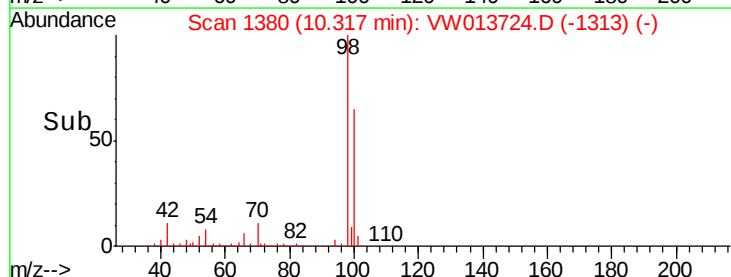
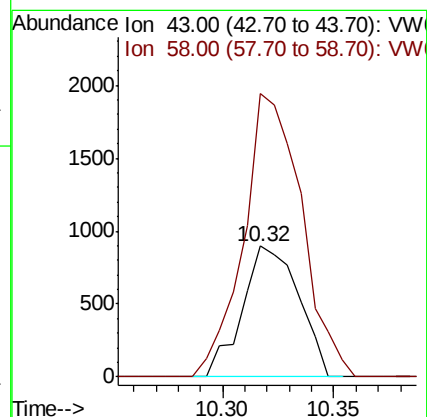
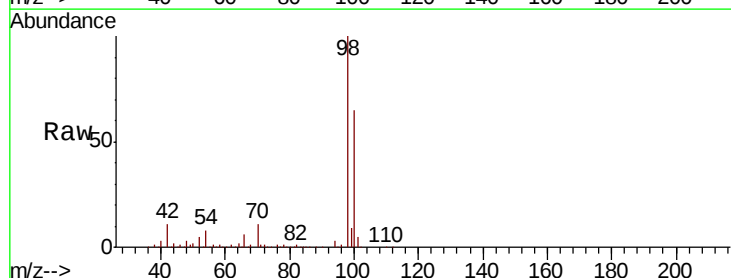
Acq: 24 Oct 2019 21:04

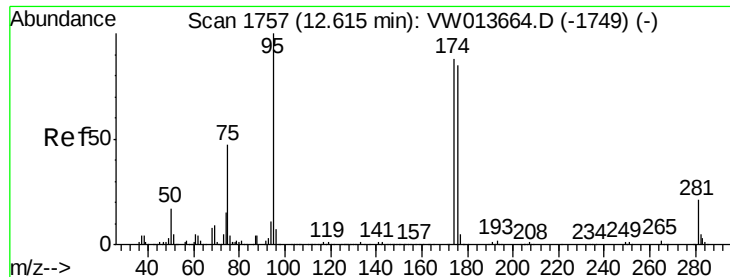
Tgt Ion: 43 Resp: 1579

Ion Ratio Lower Upper

43 100

58 223.1 32.6 49.0#

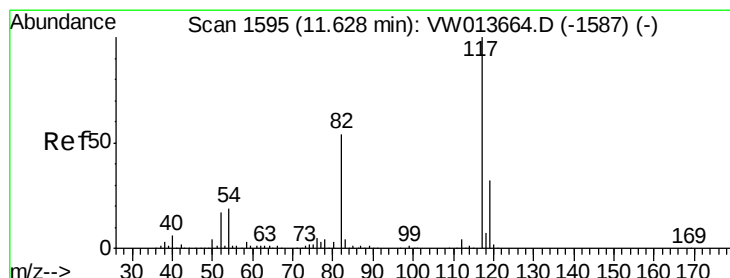
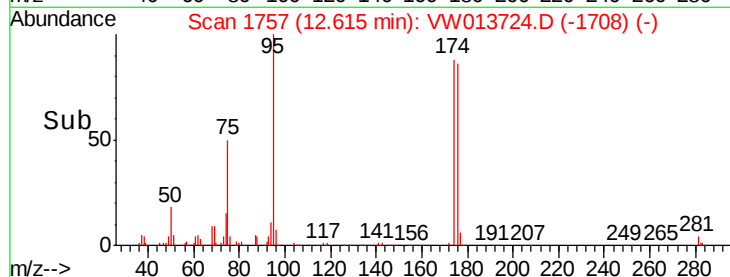
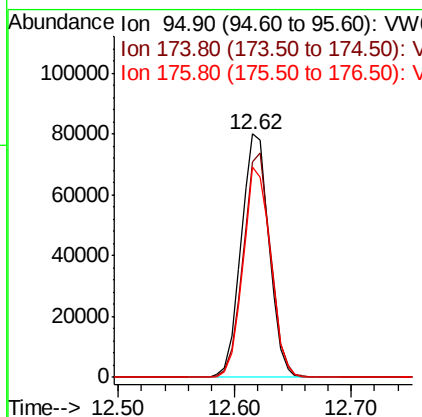
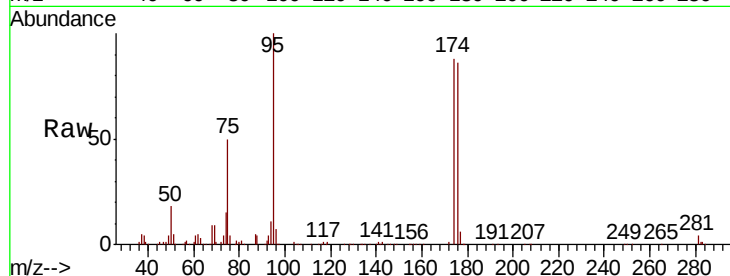




#62
4-Bromofluorobenzene
Concen: 43.836 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013724.D
Acq: 24 Oct 2019 21:04

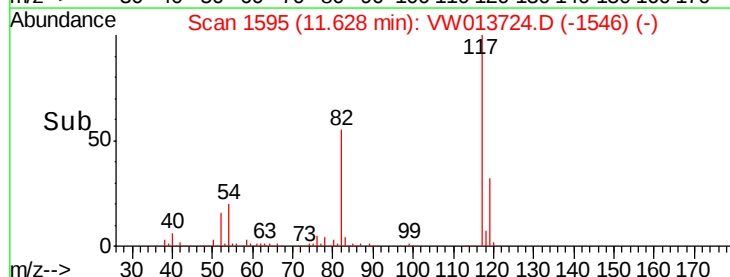
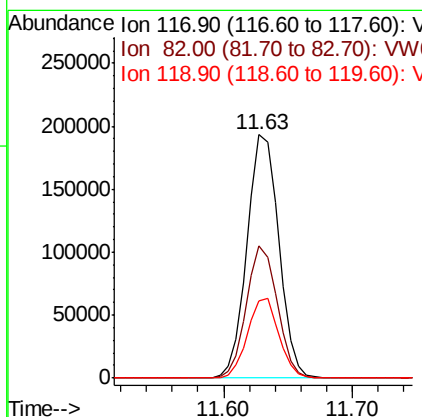
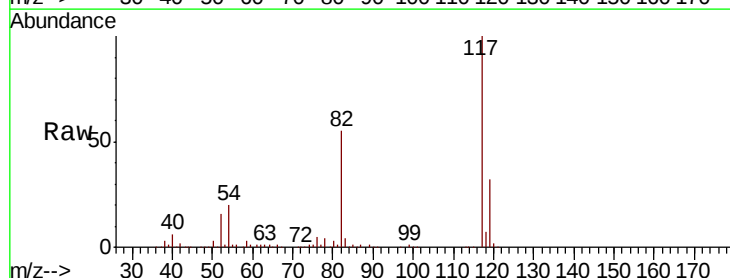
Instrument :
MSVOA_W
ClientSampleId :

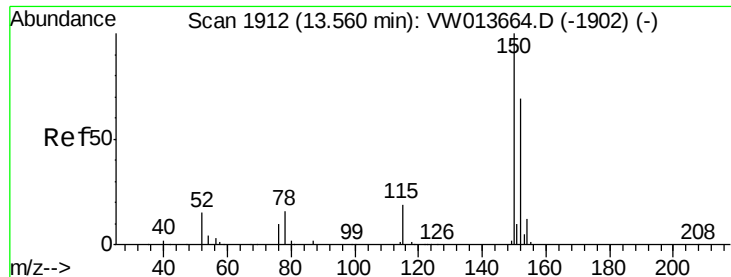
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	183.6
176	86.0	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013724.D
Acq: 24 Oct 2019 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	31.9	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW013724.D

Acq: 24 Oct 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

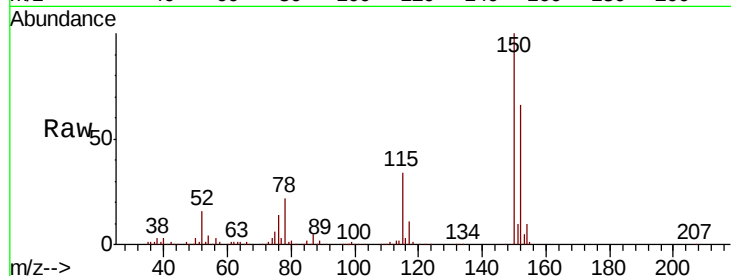
Tot Ion:152 Resp: 133170

Ion Ratio Lower Upper

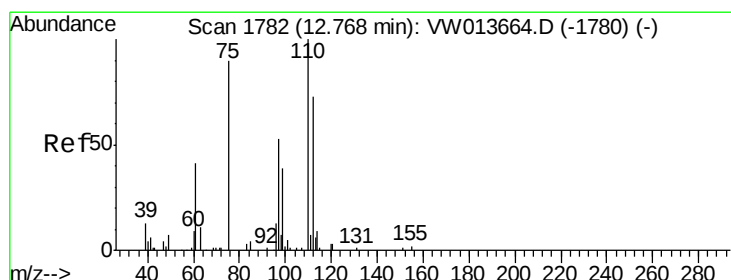
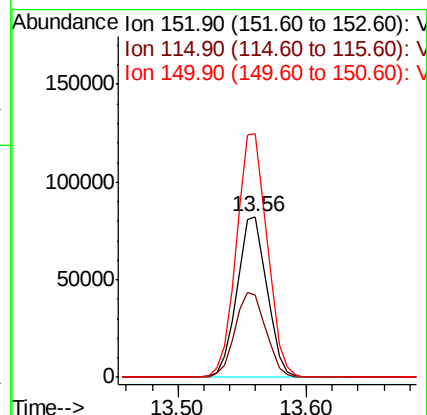
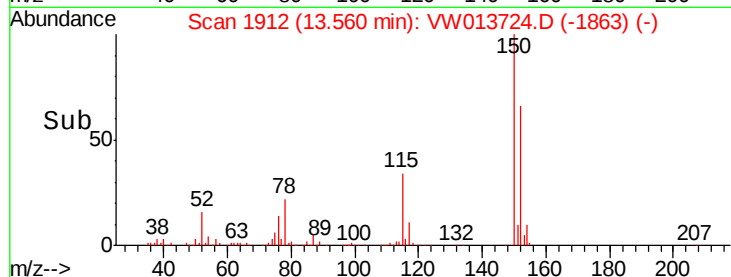
152 100

115 54.7 27.4 82.2

150 155.4 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: 65.409 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013724.D

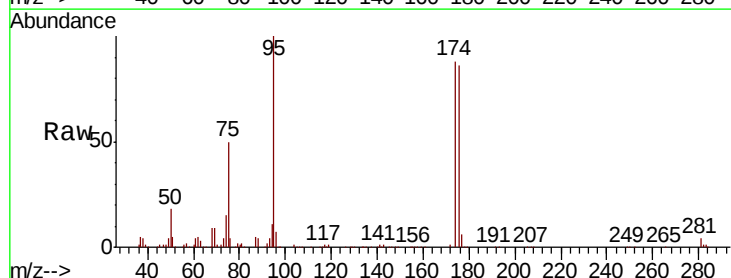
Acq: 24 Oct 2019 21:04

Tgt Ion: 75 Resp: 62554

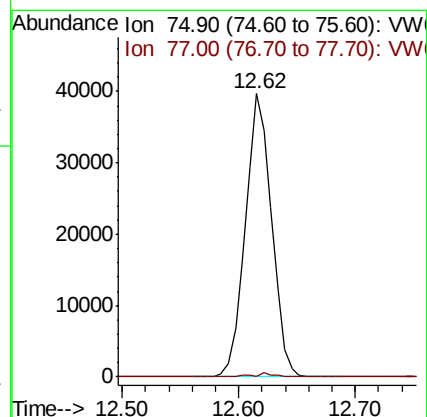
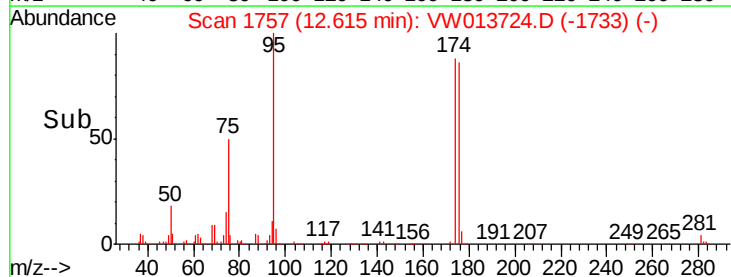
Ion Ratio Lower Upper

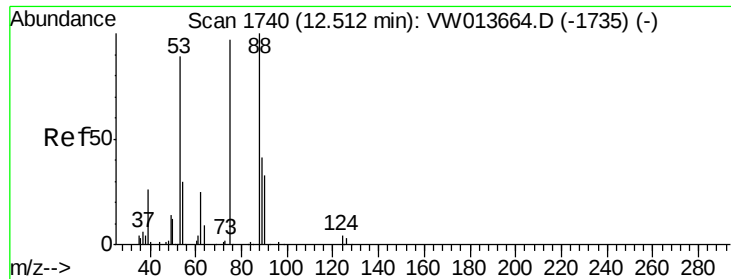
75 100

77 1.0 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: 123.615 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013724.D

Acq: 24 Oct 2019 21:04

Instrument :

MSVOA_W

ClientSampleId :

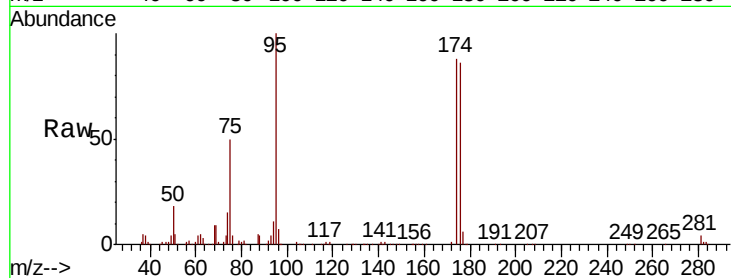
Tot Ion: 75 Resp: 62554

Ion Ratio Lower Upper

75 100

53 0.0 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

