

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010820\
 Data File : VW014556.D
 Acq On : 08 Jan 2020 13:08
 Operator : SY/VA
 Sample : K6476-02
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

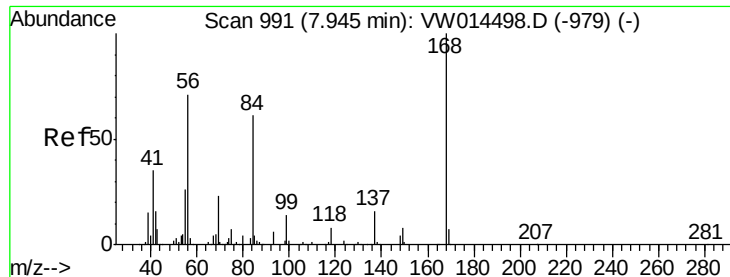
Quant Time: Jan 08 13:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	721025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1147990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	966605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	443482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	282074	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	
35) Dibromofluoromethane	7.88	113	295769	45.08	ug/l	0.00
Spiked Amount			Recovery	=	90.16%	
50) Toluene-d8	10.32	98	1225107	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.62	95	401509	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	3400	Below Cal	#	83
16) Acetone	4.12	43	32201	18.090	ug/l	90
36) 1,1-Dichloropropene	7.95	75	50045	4.522	ug/l #	48
38) Carbon Tetrachloride	7.95	117	63432	6.607	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	5076	1.072	ug/l #	86
74) N-amyl acetate	12.25	43	35565	4.874	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.68	83	17746	3.021	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	190923	45.533	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	190923	101.450	ug/l #	15

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014556.D

Acq: 08 Jan 2020 13:08

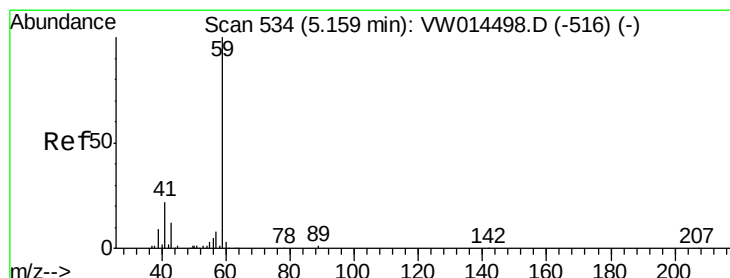
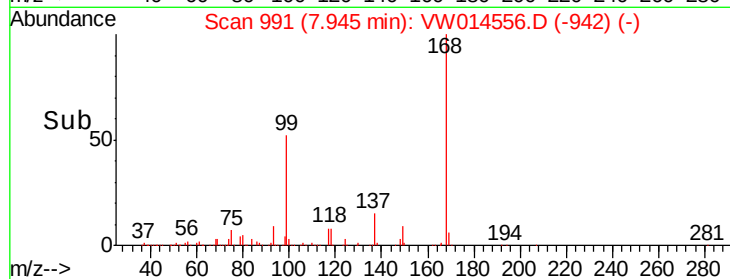
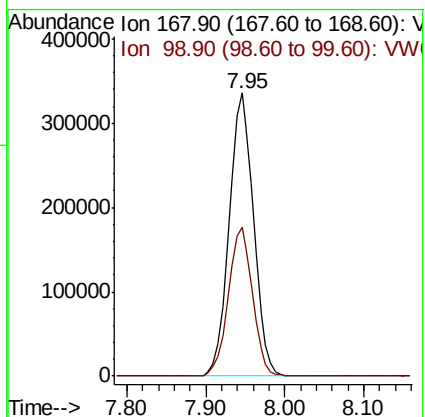
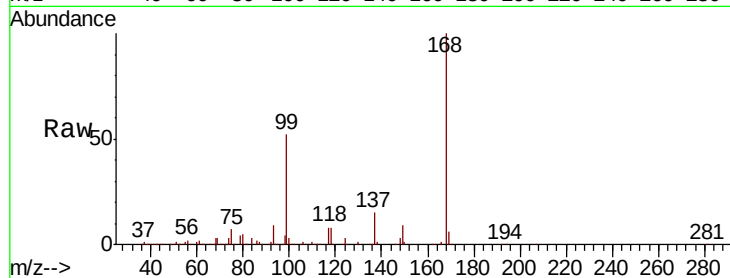
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 721025

Ion Ratio Lower Upper

168 100

99 52.4 41.1 61.7



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014556.D

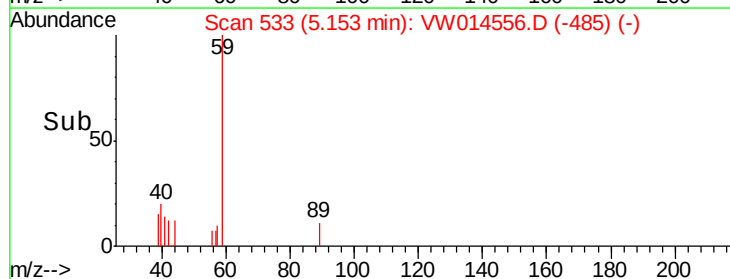
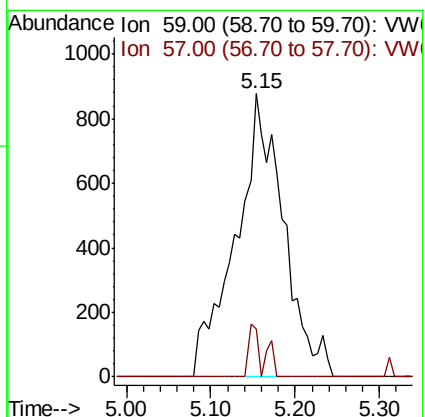
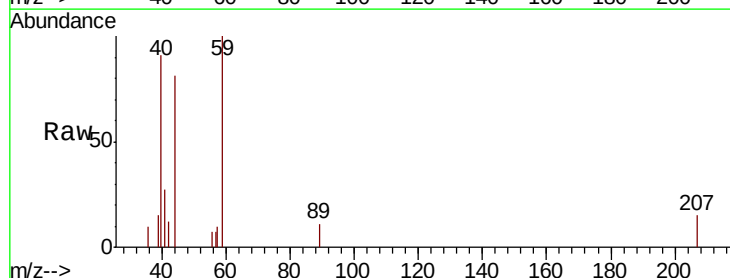
Acq: 08 Jan 2020 13:08

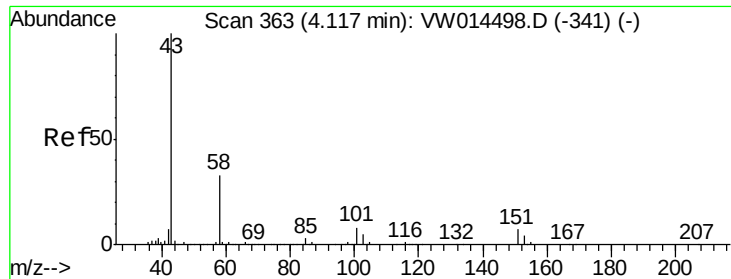
Tgt Ion: 59 Resp: 3400

Ion Ratio Lower Upper

59 100

57 3.4 7.8 11.8#

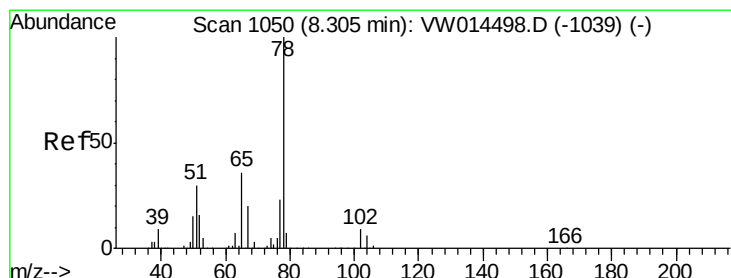
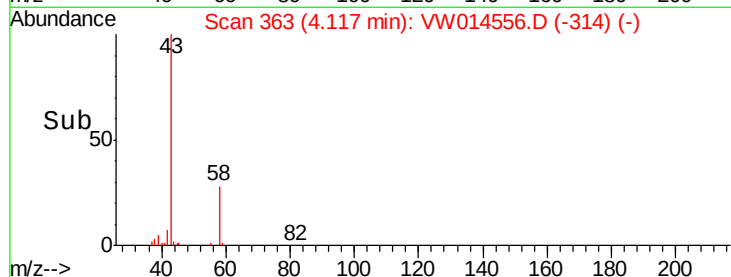
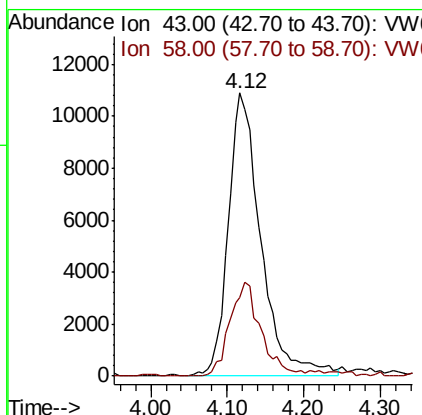
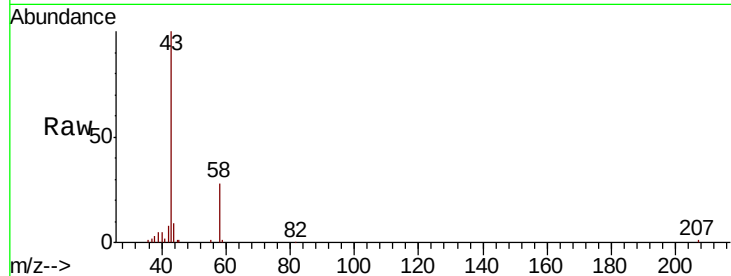




#16
Acetone
Concen: 18.090 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

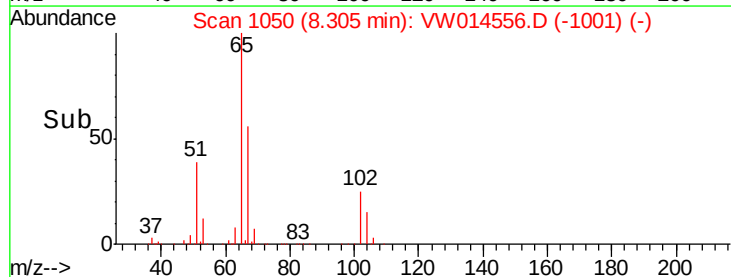
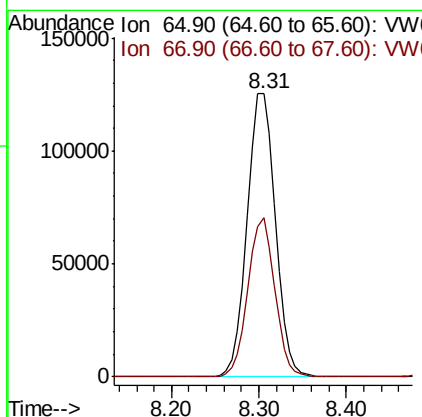
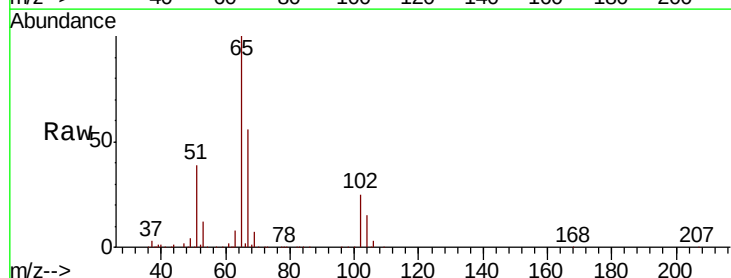
Instrument :
MSVOA_W
ClientSampled :

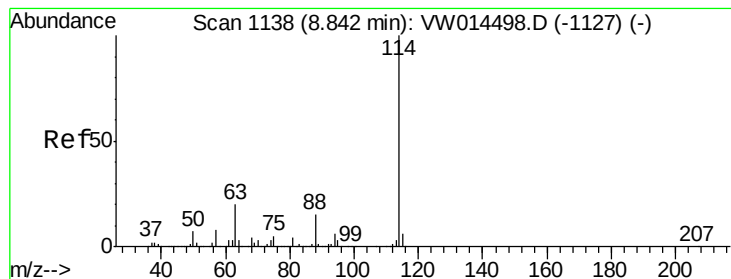
Tot Ion: 43 Resp: 32201
Ion Ratio Lower Upper
43 100
58 27.8 26.6 39.8



#33
1,2-Dichloroethane-d4
Concen: 44.745 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

Tgt Ion: 65 Resp: 282074
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014556.D

Acq: 08 Jan 2020 13:08

Instrument :

MSVOA_W

ClientSampleId :

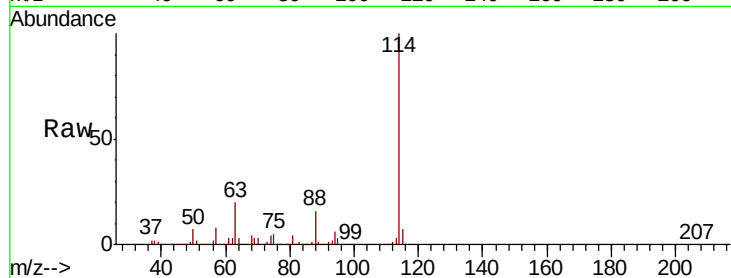
Tot Ion:114 Resp: 1147990

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.4

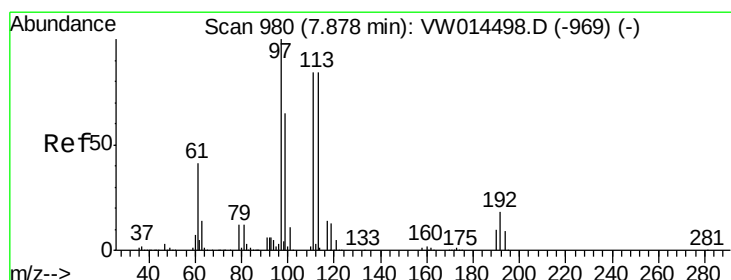
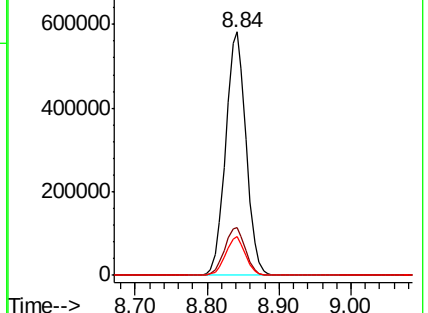
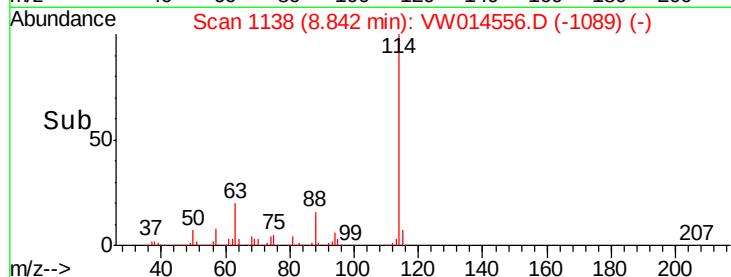
88 15.8 0.0 30.6



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: 45.080 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014556.D

Acq: 08 Jan 2020 13:08

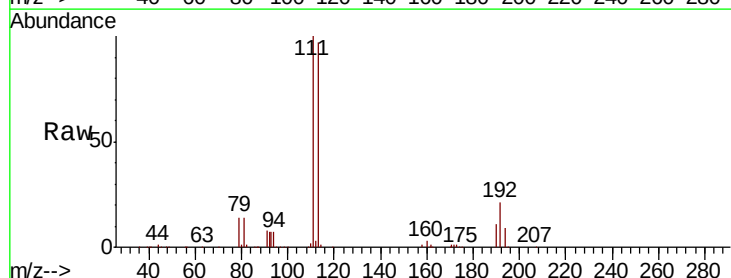
Tgt Ion:113 Resp: 295769

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

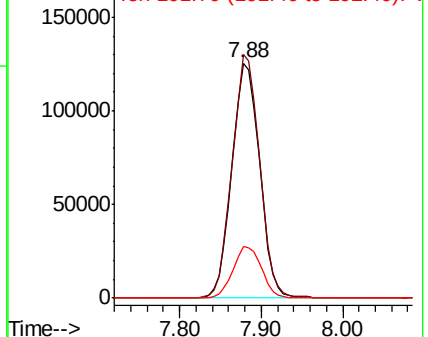
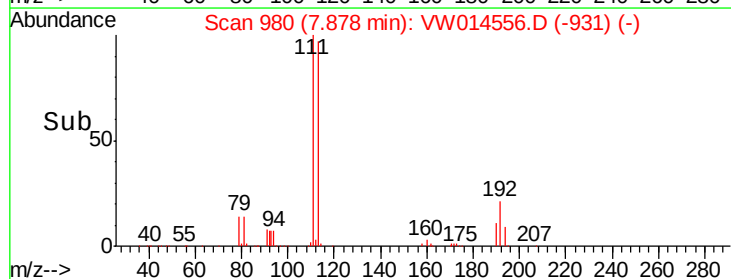
192 22.4 17.8 26.8

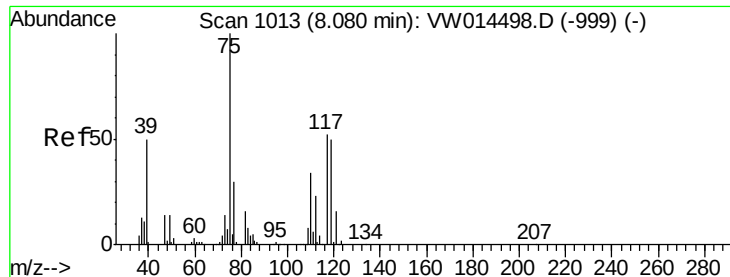


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

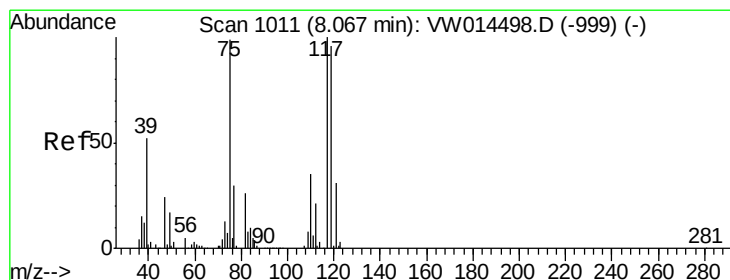
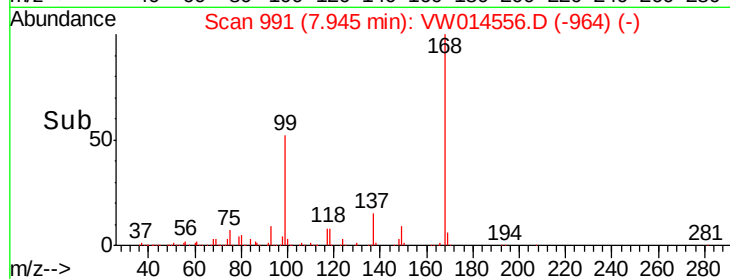
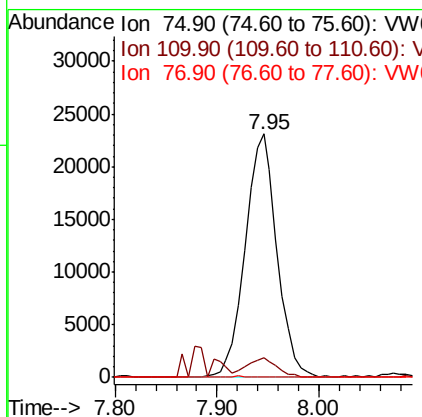
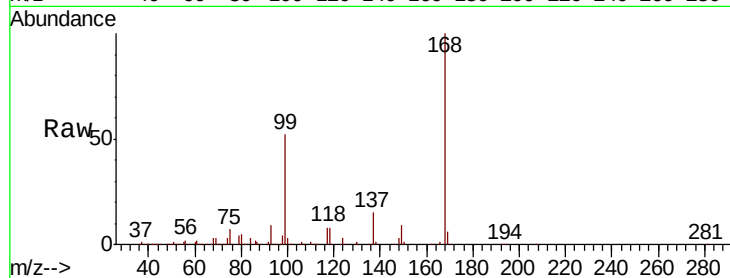




#36
 1,1-Dichloropropene
 Concen: 4.522 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014556.D
 Acq: 08 Jan 2020 13:08

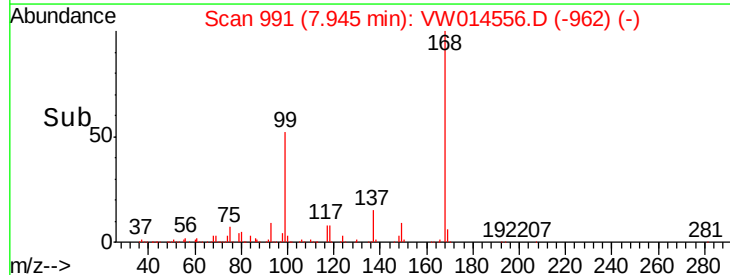
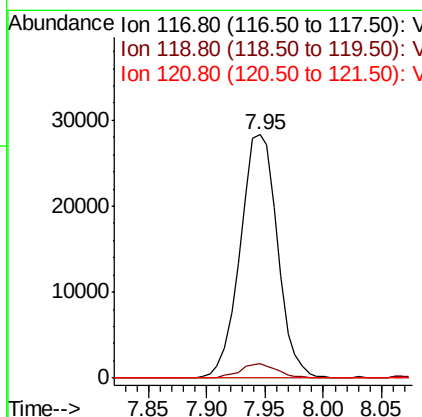
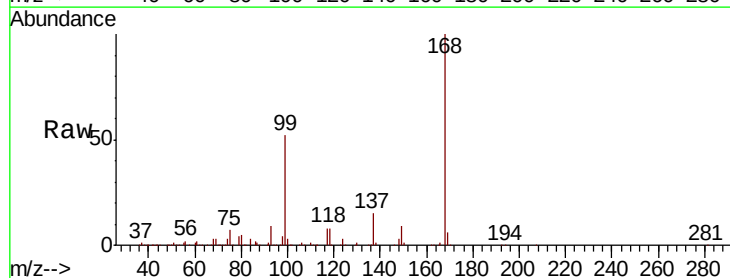
Instrument :
 MSVOA_W
 ClientSampleId :

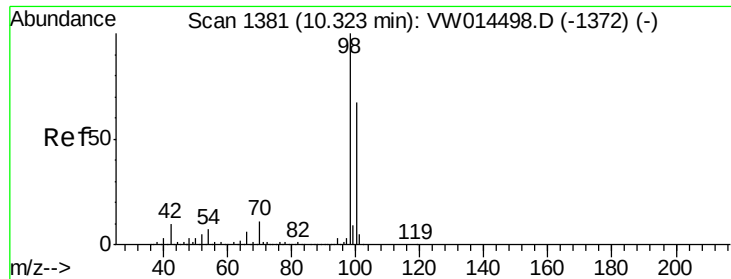
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.8	53.5#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.607 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014556.D
 Acq: 08 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.0	115.6#
121	0.0	24.6	36.8#

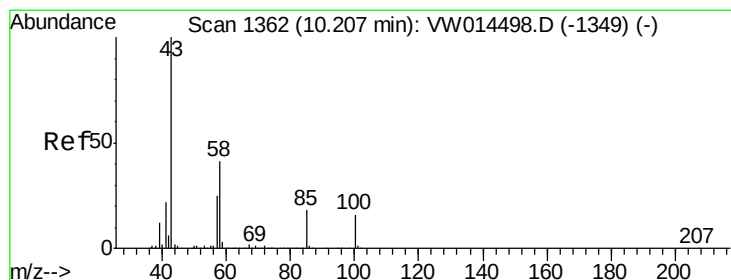
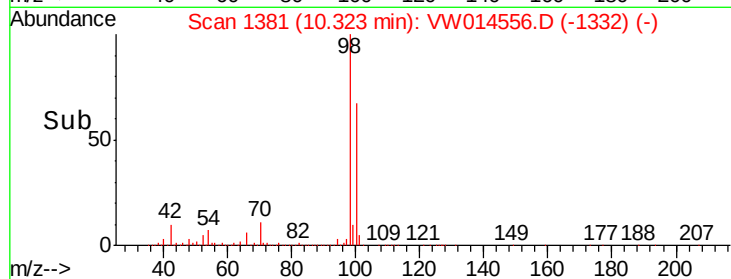
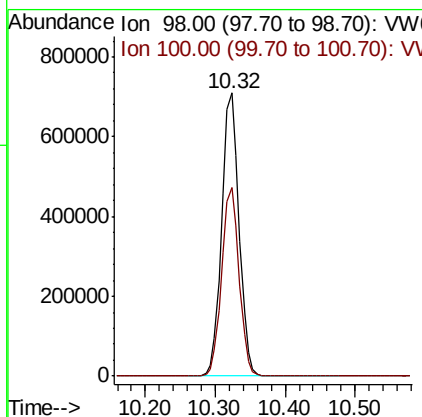
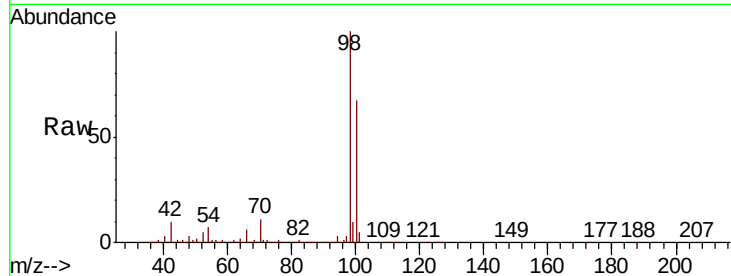




#50
Toluene-d8
Concen: 44.744 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

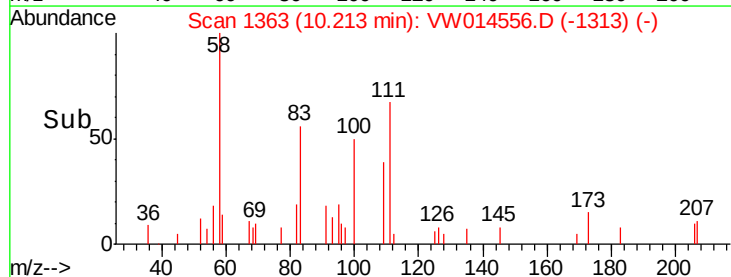
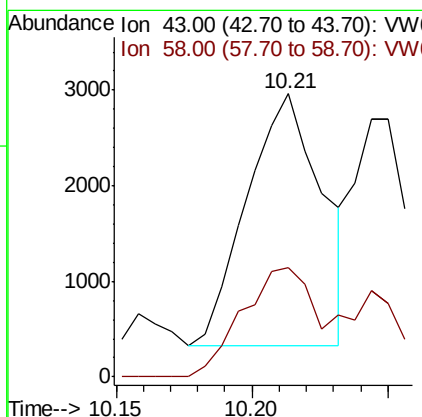
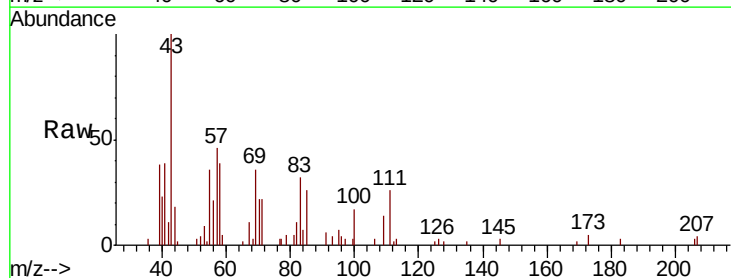
Instrument :
MSVOA_W
ClientSampled :

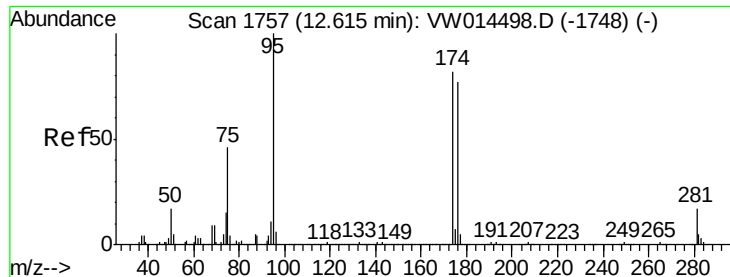
Tot Ion: 98 Resp: 1225107
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.072 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

Tgt Ion: 43 Resp: 5076
Ion Ratio Lower Upper
43 100
58 49.4 32.7 49.1#

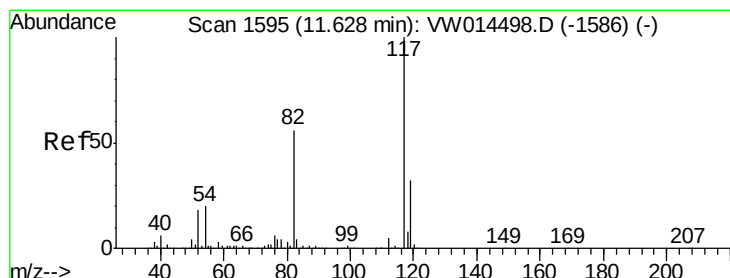
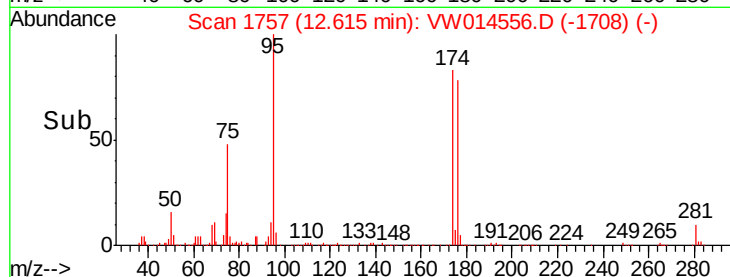
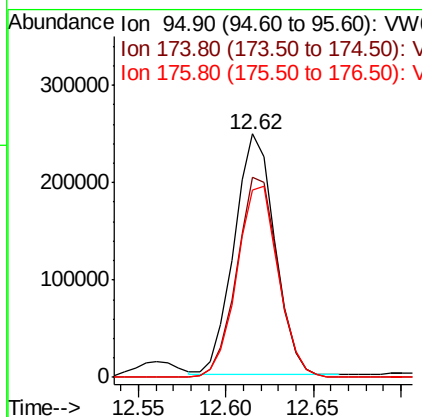
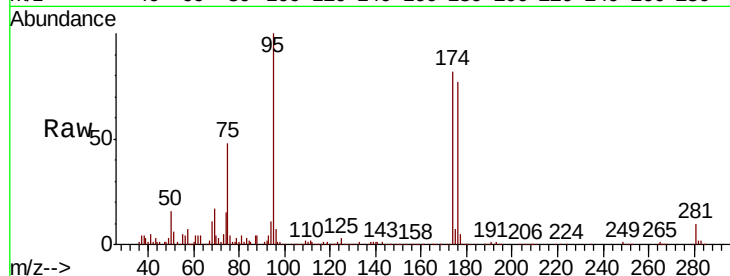




#62
4-Bromofluorobenzene
Concen: 43.233 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

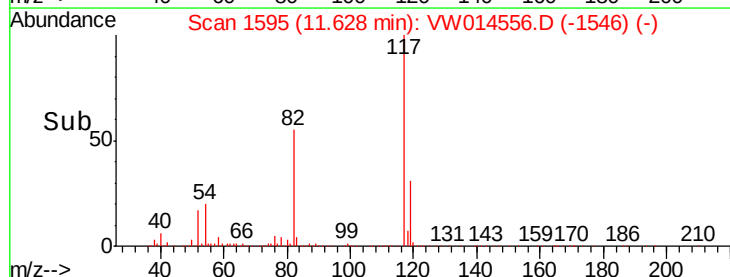
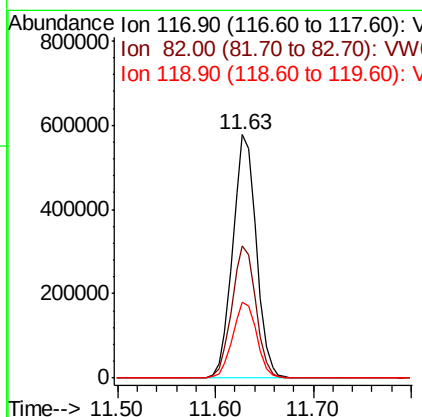
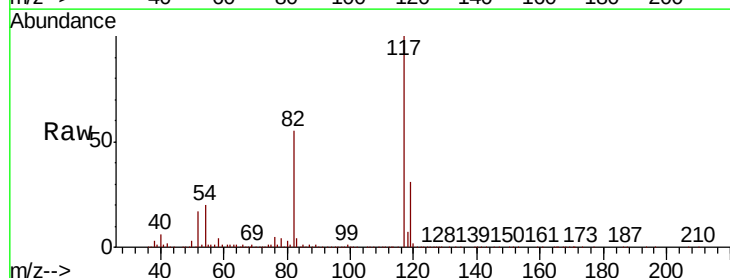
Instrument :
MSVOA_W
ClientSampleId :

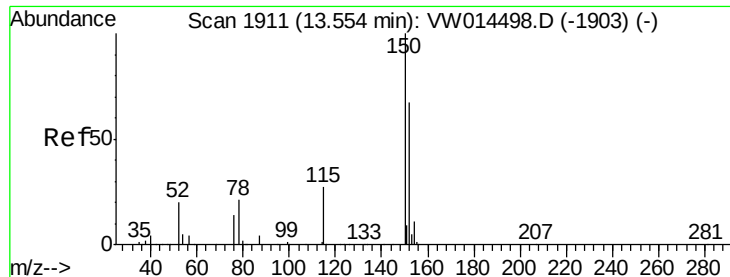
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	168.6
176	81.0	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.6	67.0
119	31.2	25.7	38.5



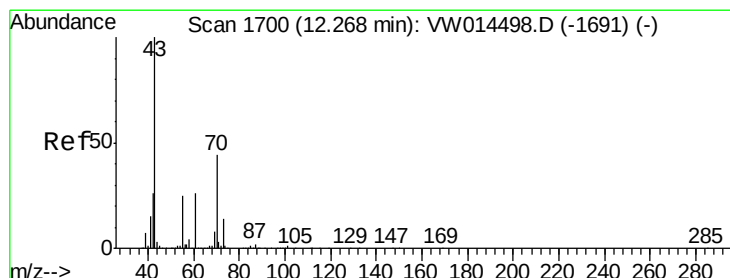
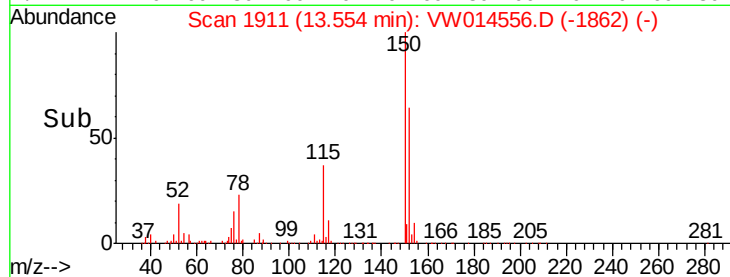
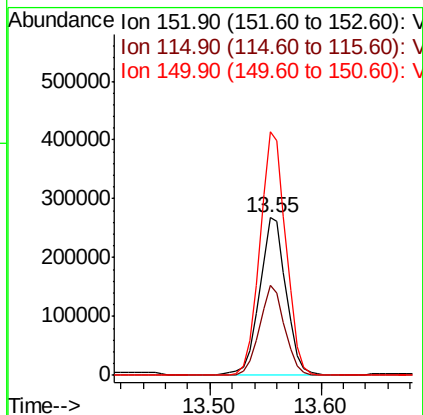
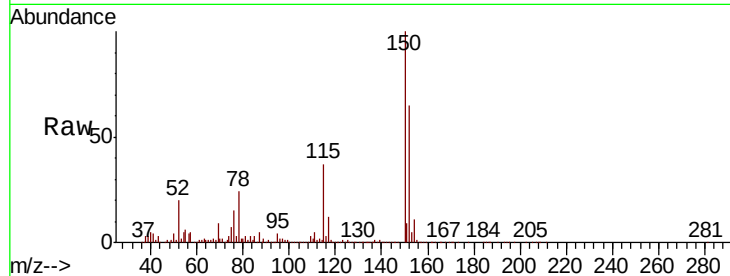


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

Instrument :
MSVOA_W
ClientSampled :

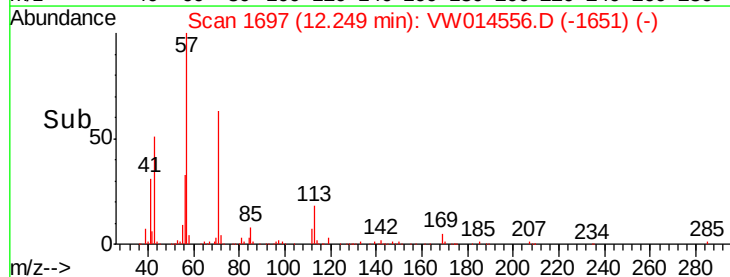
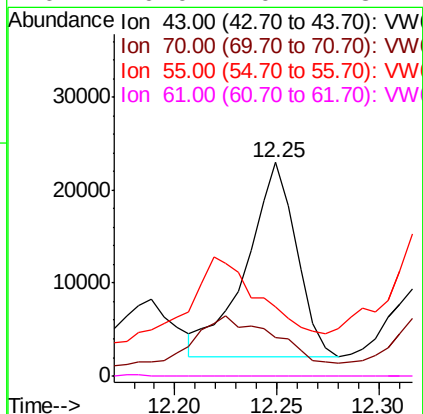
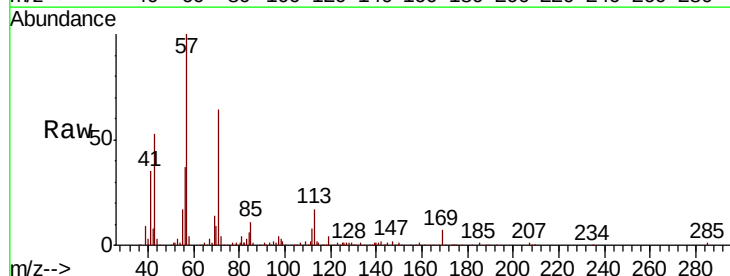
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.7	83.1
150	151.0	0.0	343.4

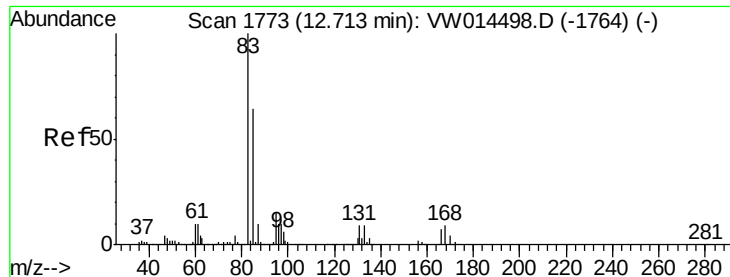


#74

N-amil acetate
Concen: 4.874 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW014556.D
Acq: 08 Jan 2020 13:08

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.5	54.7#
55	0.0	20.9	31.3#
61	0.0	20.7	31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.021 ug/l

RT: 12.68 min Scan# 1767

Delta R.T. -0.04 min

Lab File: VW014556.D

Acq: 08 Jan 2020 13:08

Instrument :

MSVOA_W

ClientSampleId :

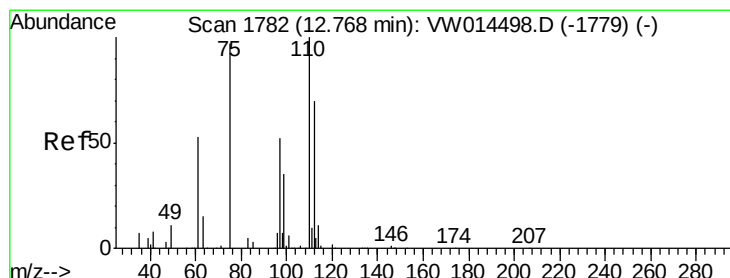
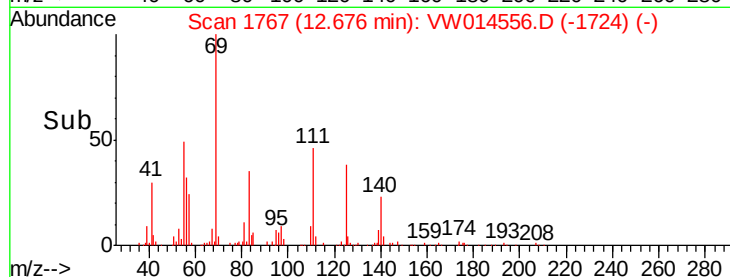
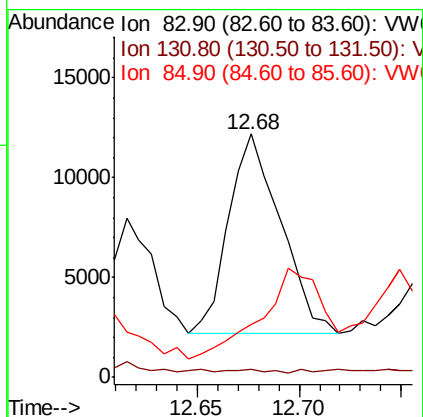
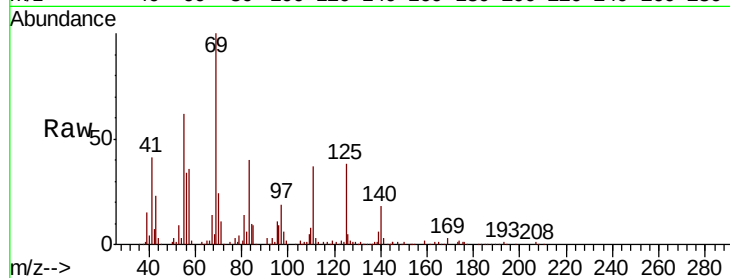
Tot Ion: 83 Resp: 17746

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 45.533 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014556.D

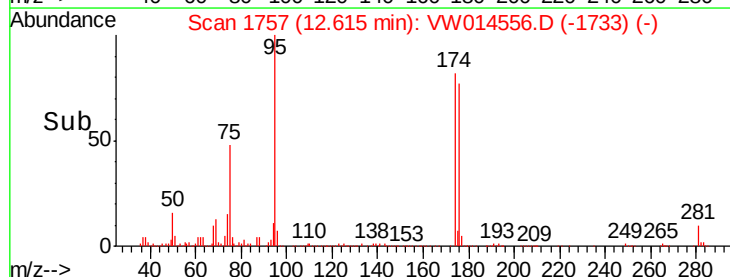
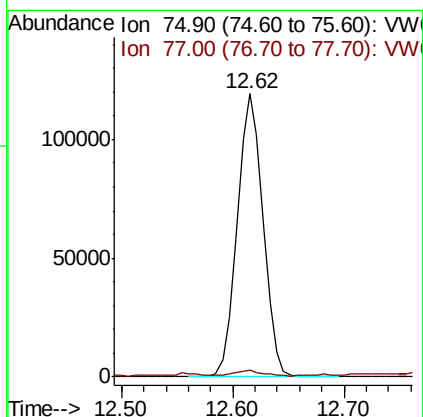
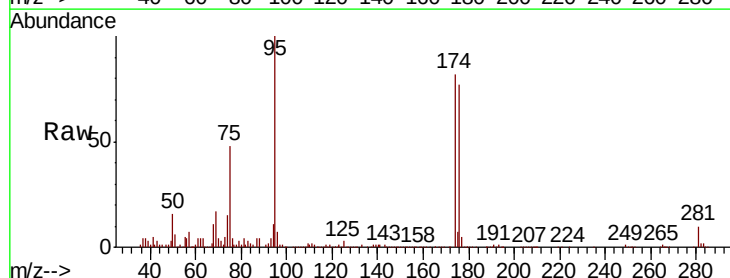
Acq: 08 Jan 2020 13:08

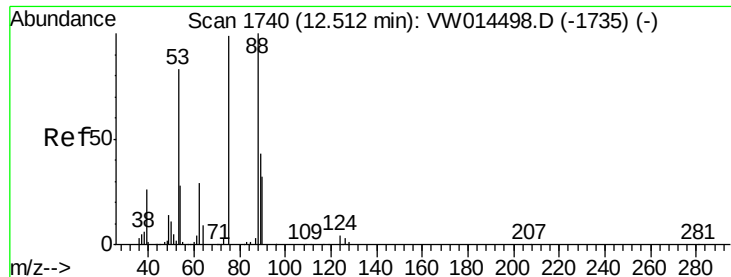
Tgt Ion: 75 Resp: 190923

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 101.450 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014556.D

Acq: 08 Jan 2020 13:08

Instrument :

MSVOA_W

ClientSampleId :

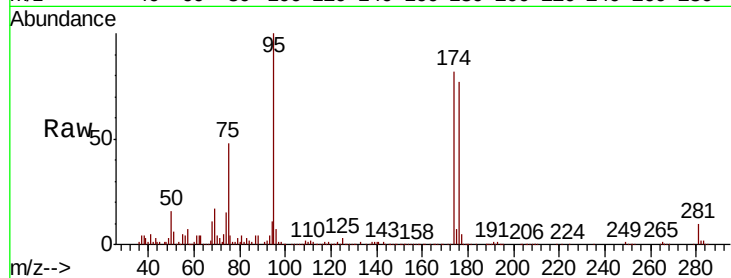
Tot Ion: 75 Resp: 190923

Ion Ratio Lower Upper

75 100

53 2.1 70.9 106.3#

89 0.1 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

