

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014526.D
 Acq On : 06 Jan 2020 16:21
 Operator : SY/VA
 Sample : L1011-05RE
 Misc : 9.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-0-1-GRAB-B7RE

Quant Time: Jan 07 02:41:57 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

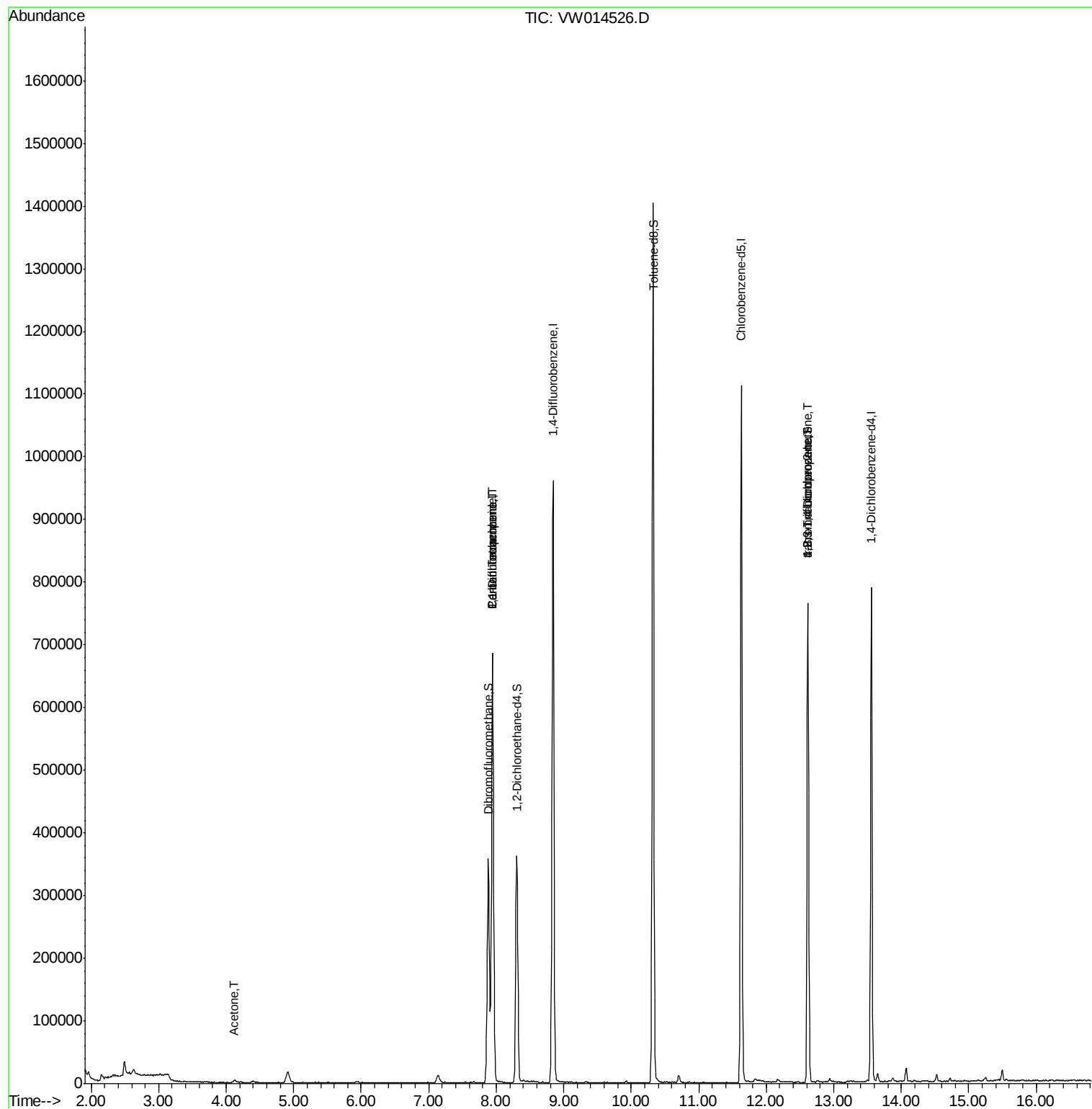
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	536551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	824523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	648456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	285356	60.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.66%	
35) Dibromofluoromethane	7.88	113	259754	55.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.24%	
50) Toluene-d8	10.32	98	938256	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.62	95	248491	37.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.50%	
Target Compounds						
11) Tert butyl alcohol	5.17	59	242	Below Cal	#	73
16) Acetone	4.12	43	7916	5.976	ug/l #	88
20) Methylene Chloride	4.92	84	14476	Below Cal	#	91
36) 1,1-Dichloropropene	7.94	75	38154	4.800	ug/l #	49
38) Carbon Tetrachloride	7.95	117	48815	7.079	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	120651	57.829	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	120651	128.845	ug/l #	14

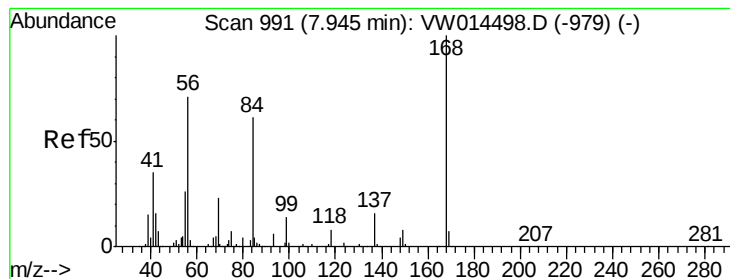
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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QLast Update : Fri Jan 03 16:07:20 2020
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: VW014526.D

Acq: 06 Jan 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :

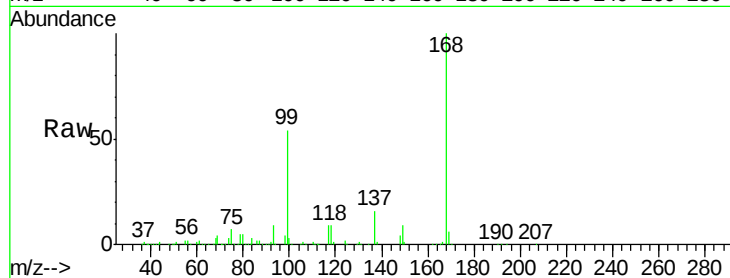
MC-010220-0-1-GRAB-B7RE

Tgt Ion:168 Resp: 536551

Ion Ratio Lower Upper

168 100

99 54.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

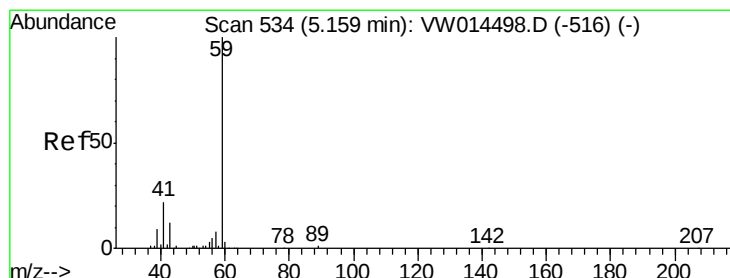
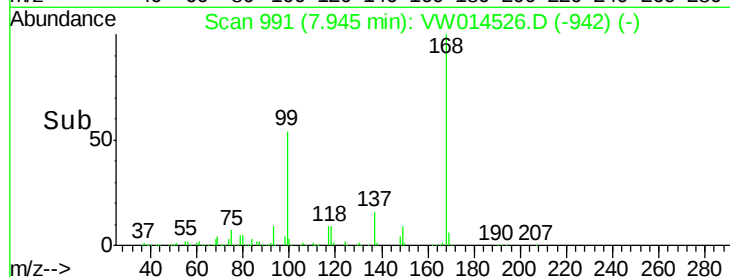
50000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014526.D

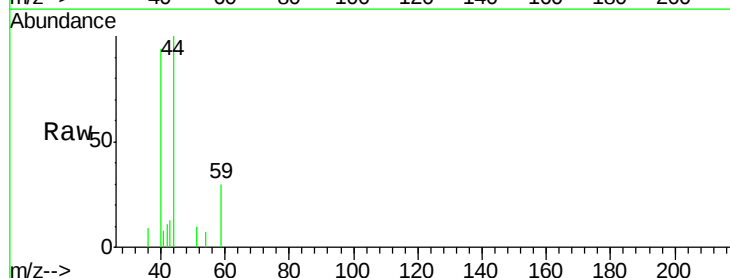
Acq: 06 Jan 2020 16:21

Tgt Ion: 59 Resp: 242

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

250

200

150

100

50

0

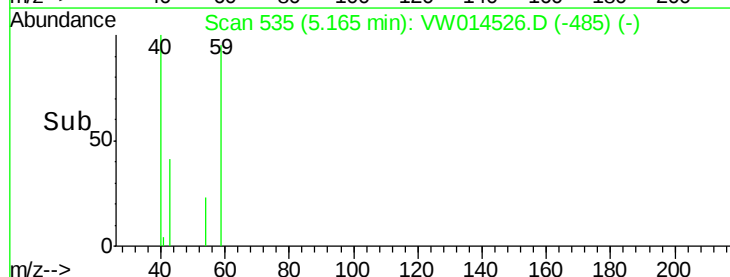
5.14

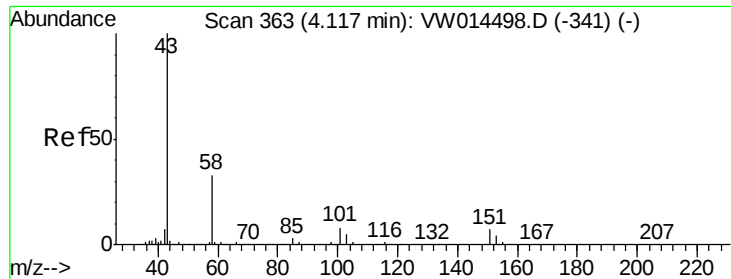
5.16

5.18

5.20

Time-->





#16

Acetone

Concen: 5.976 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :

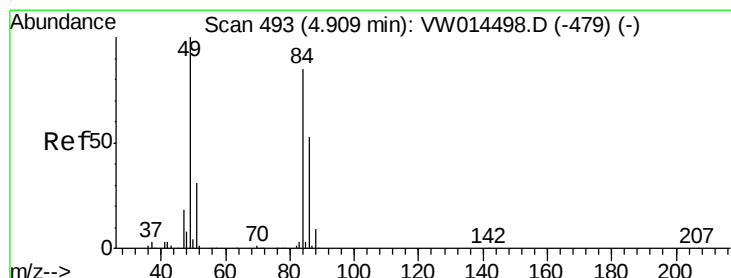
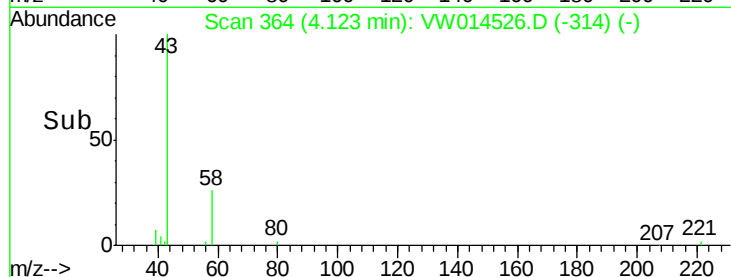
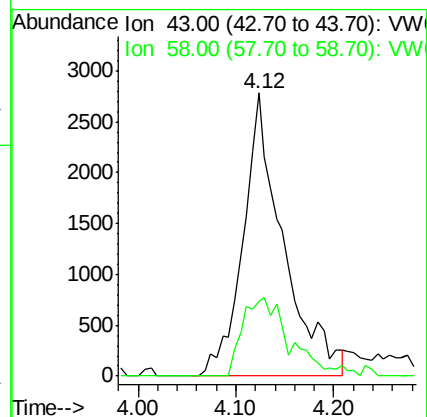
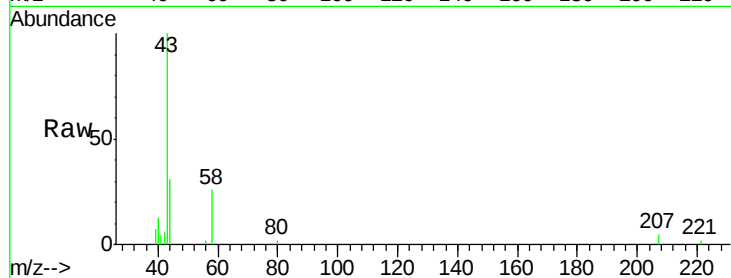
MC-010220-0-1-GRAB-B7RE

Tgt Ion: 43 Resp: 7916

Ion Ratio Lower Upper

43 100

58 26.3 26.6 39.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

Tgt Ion: 84 Resp: 14476

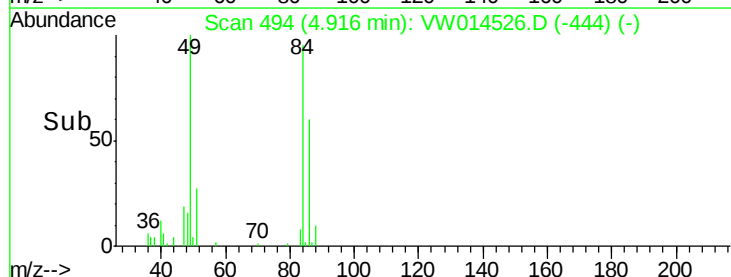
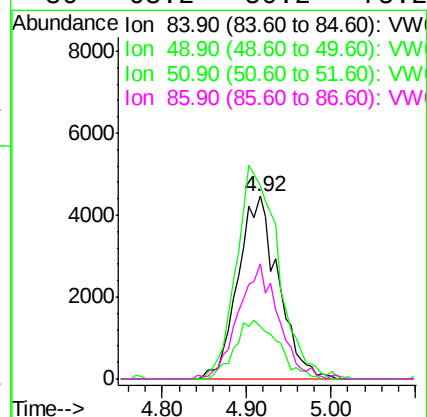
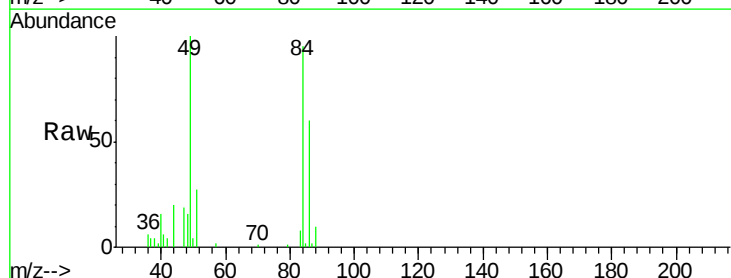
Ion Ratio Lower Upper

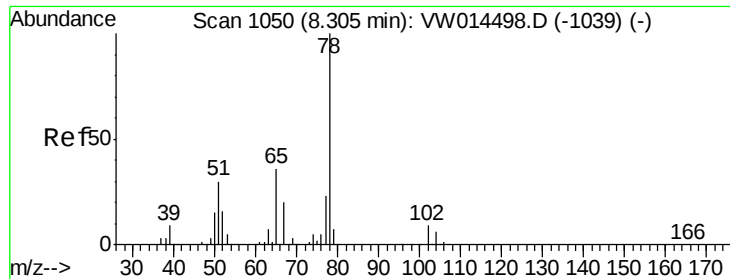
84 100

49 105.7 94.4 141.6

51 28.7 29.5 44.3#

86 63.2 50.2 75.2

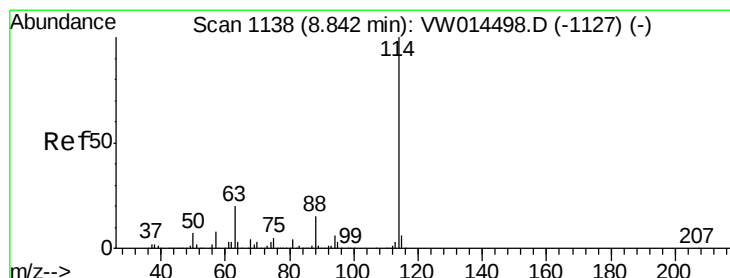
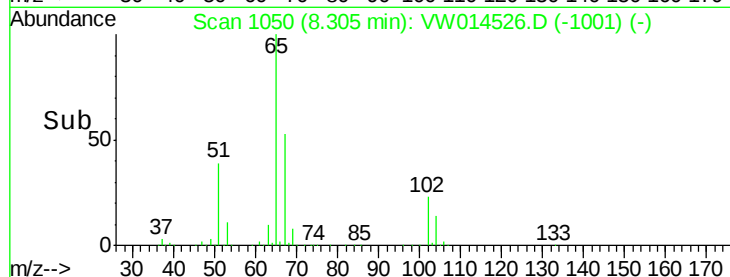
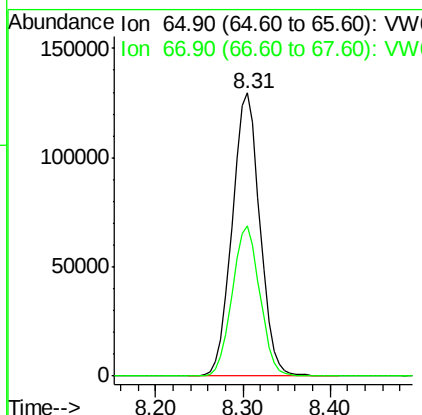
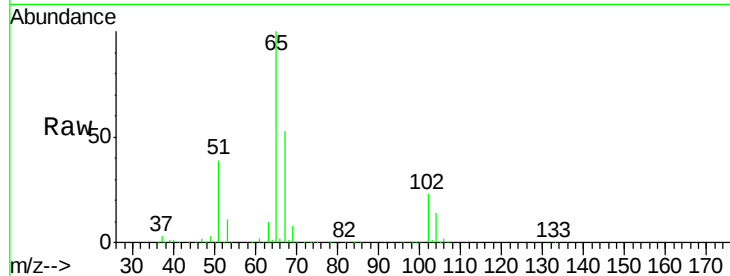




#33
 1,2-Dichloroethane-d4
 Concen: 60.829 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014526.D
 Acq: 06 Jan 2020 16:21

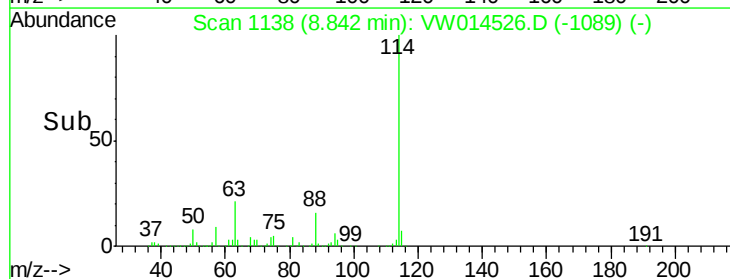
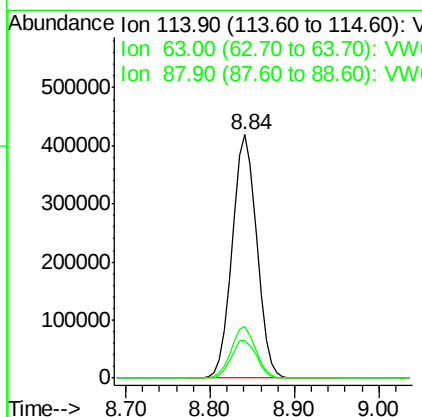
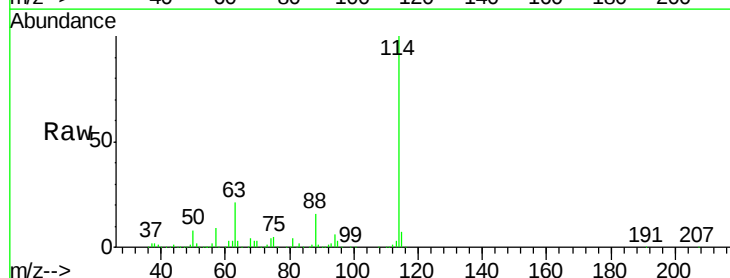
Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-0-1-GRAB-B7RE

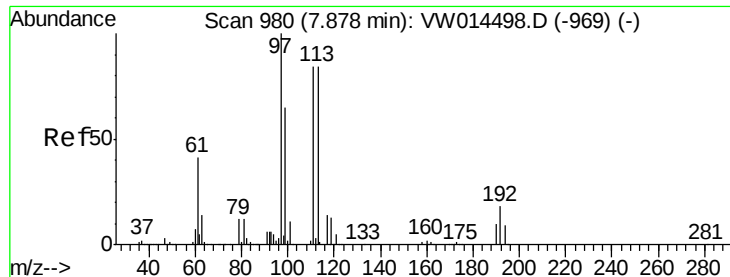
Tgt Ion: 65 Resp: 285356
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014526.D
 Acq: 06 Jan 2020 16:21

Tgt Ion: 114 Resp: 824523
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.4
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.123 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-0-1-GRAB-B7RE

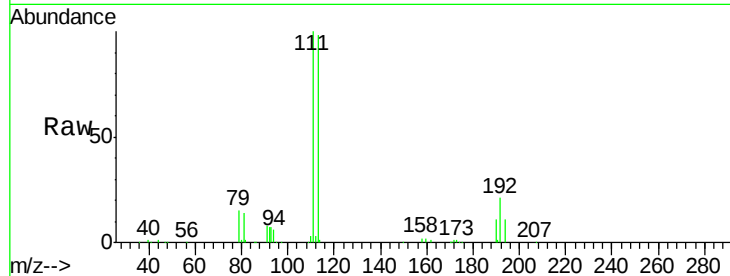
Tgt Ion:113 Resp: 259754

Ion Ratio Lower Upper

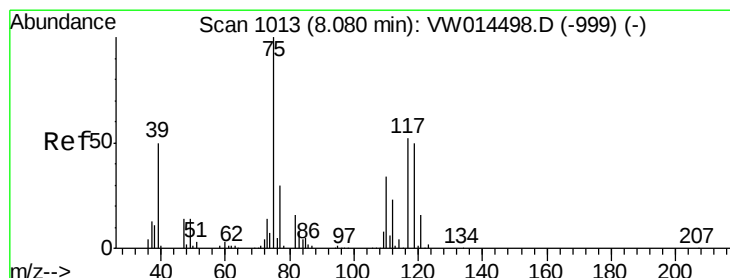
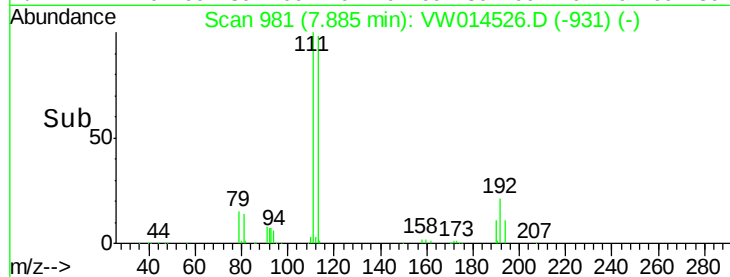
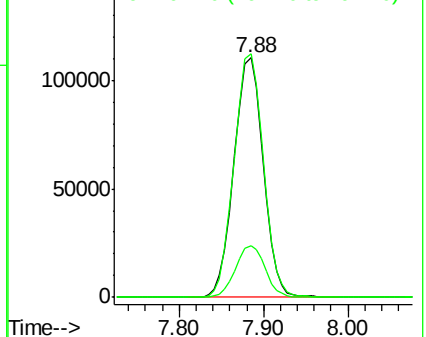
113 100

111 101.7 81.4 122.2

192 21.6 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: 4.800 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW014526.D

Acq: 06 Jan 2020 16:21

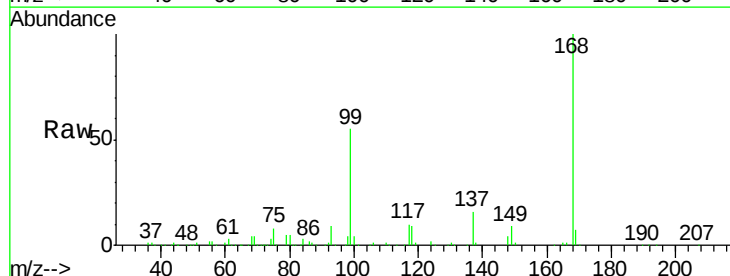
Tgt Ion: 75 Resp: 38154

Ion Ratio Lower Upper

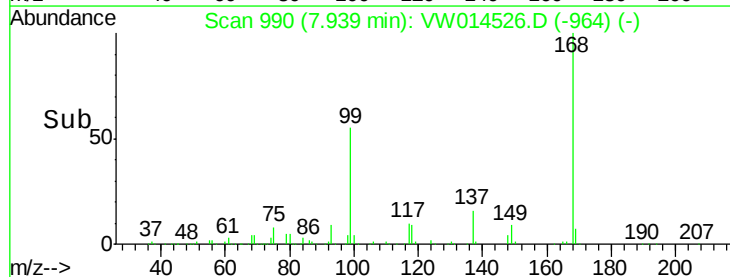
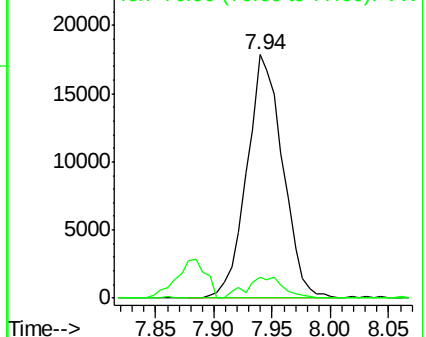
75 100

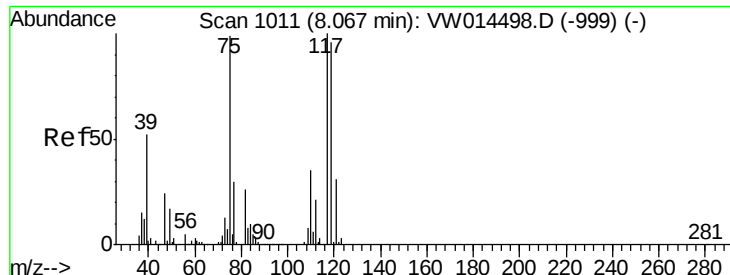
110 8.9 17.8 53.5#

77 0.0 24.7 37.1#



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

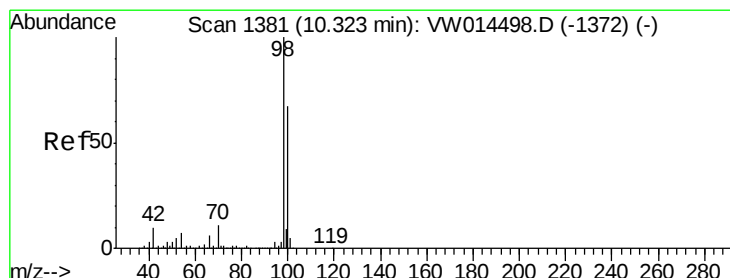
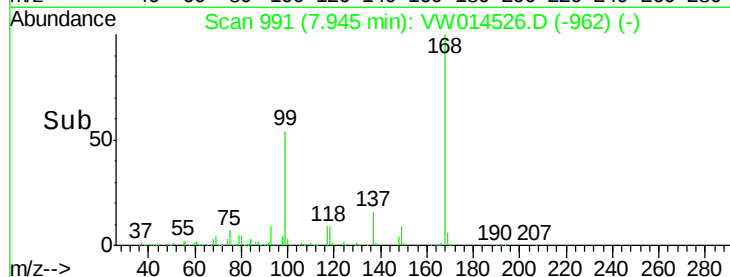
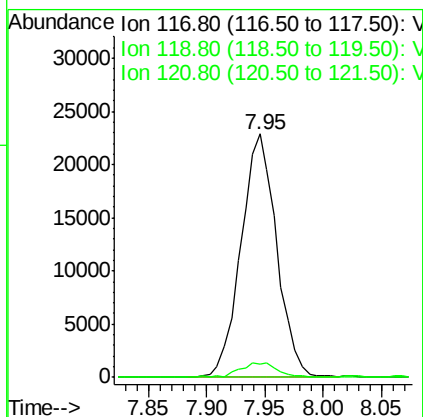
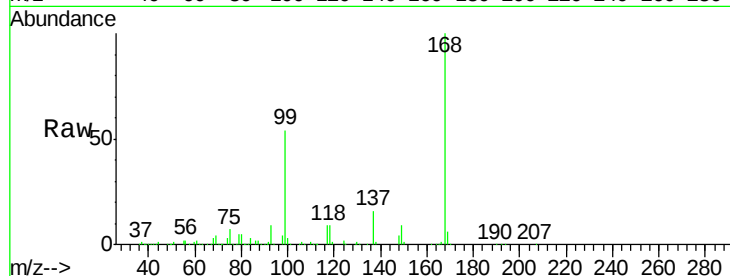




#38
Carbon Tetrachloride
Concen: 7.079 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

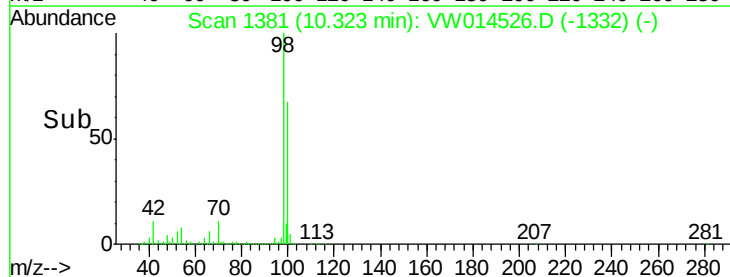
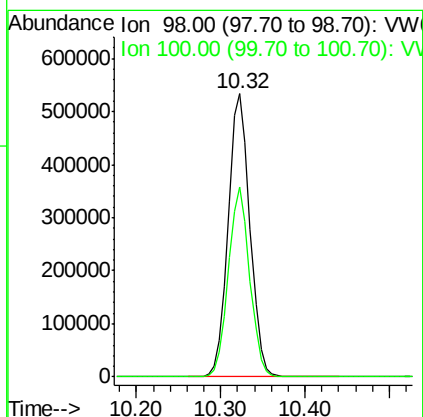
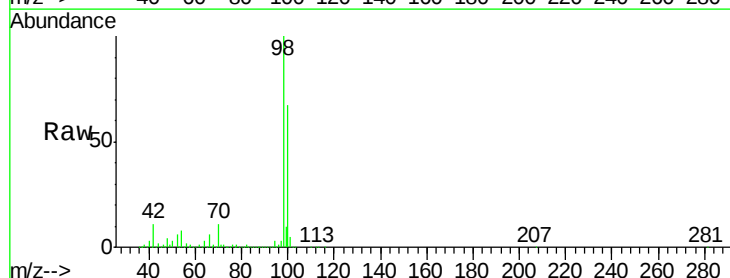
Instrument :
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ClientSampleId :
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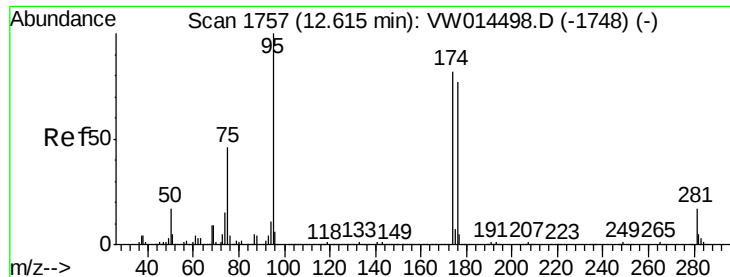
Tgt Ion:117 Resp: 48815
Ion Ratio Lower Upper
117 100
119 5.6 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.711 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

Tgt Ion: 98 Resp: 938256
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

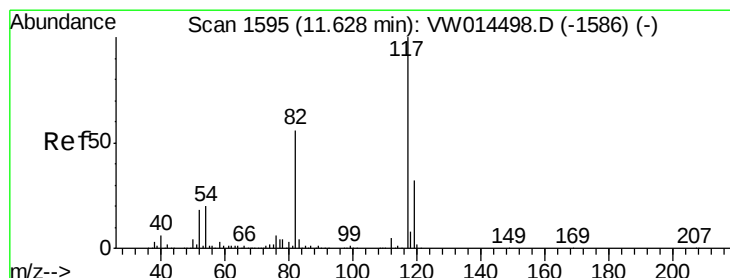
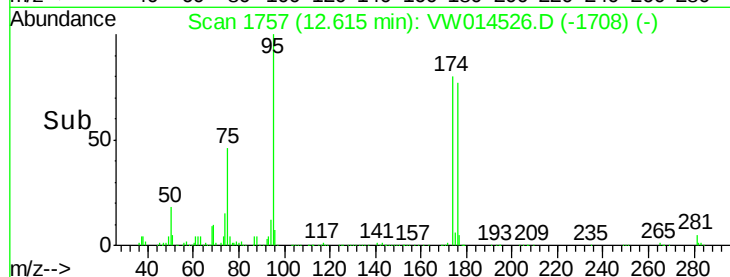
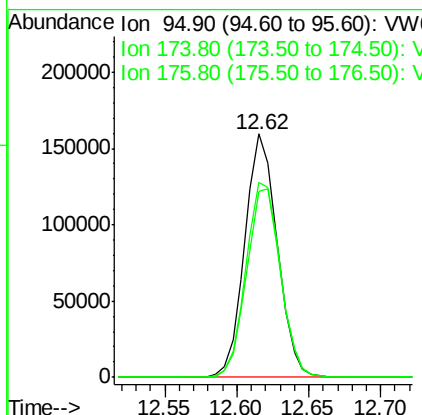
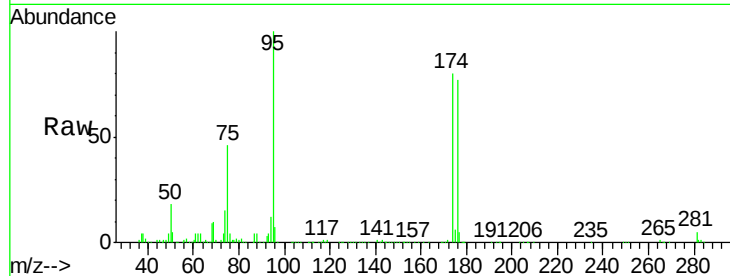




#62
4-Bromofluorobenzene
Concen: 37.253 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

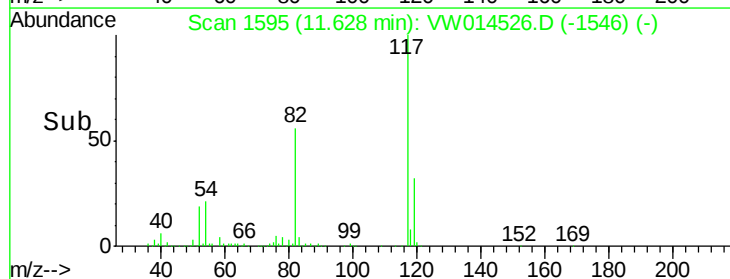
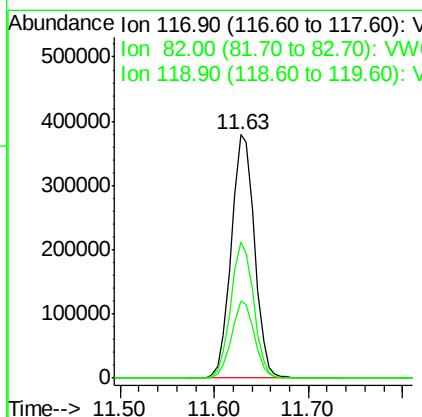
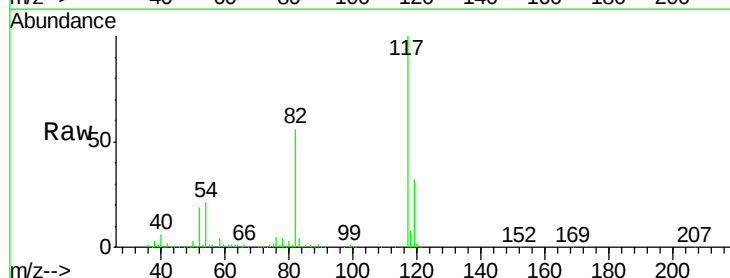
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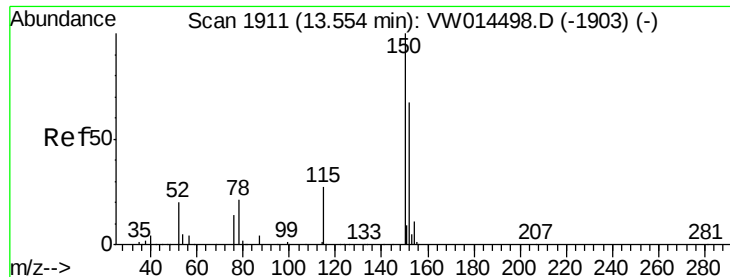
Tgt Ion: 95 Resp: 248491
Ion Ratio Lower Upper
95 100
174 84.8 0.0 168.6
176 81.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

Tgt Ion: 117 Resp: 648456
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 31.6 25.7 38.5



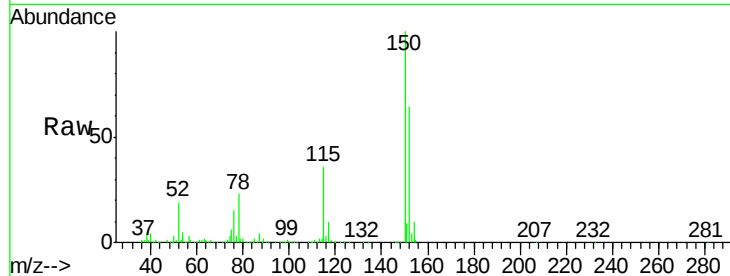


#72

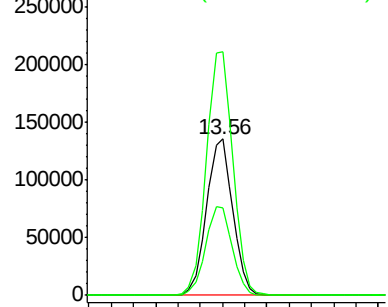
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B7RE

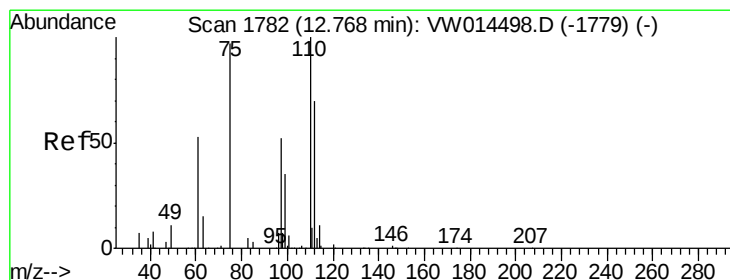
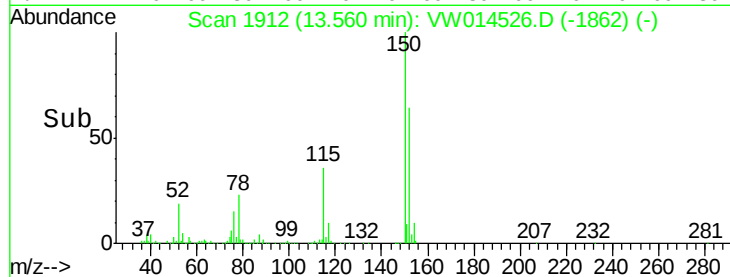
Tgt Ion: 152 Resp: 220664
Ion Ratio Lower Upper
152 100
115 57.4 27.7 83.1
150 157.4 0.0 343.4



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



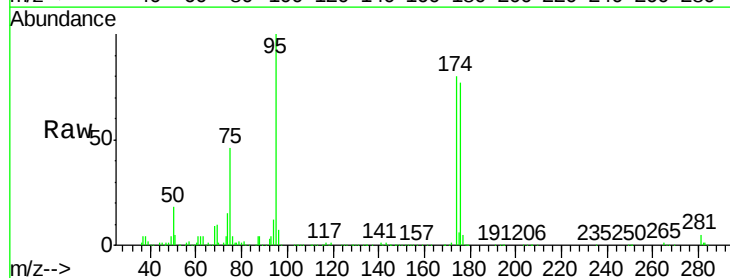
Time-->



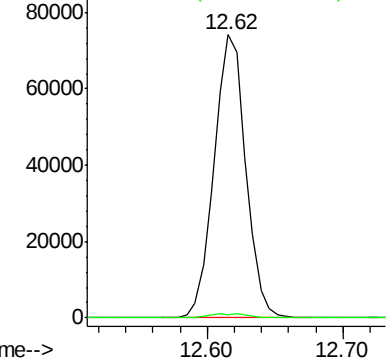
#76

1,2,3-Trichloropropane
Concen: 57.829 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014526.D
Acq: 06 Jan 2020 16:21

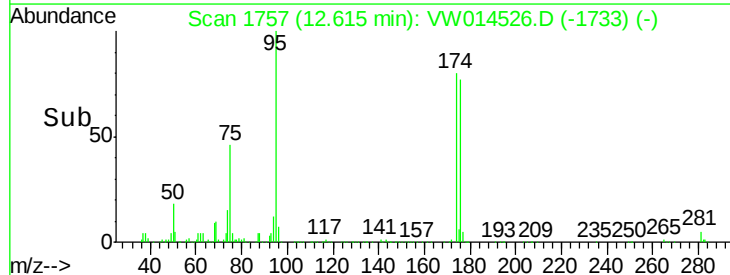
Tgt Ion: 75 Resp: 120651
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

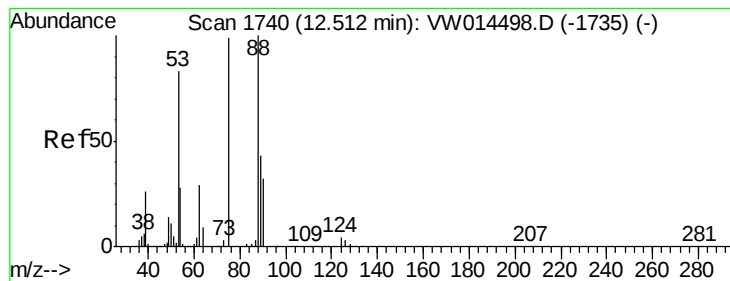


Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 128.845 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014526.D

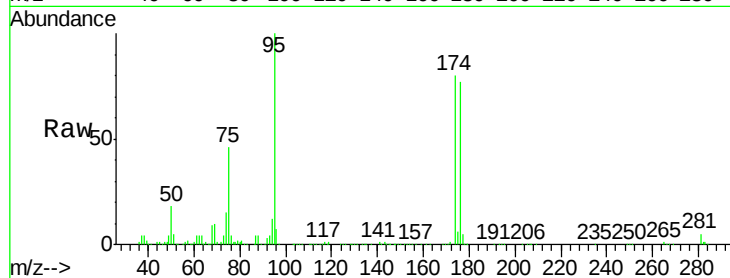
Acq: 06 Jan 2020 16:21

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-0-1-GRAB-B7RE



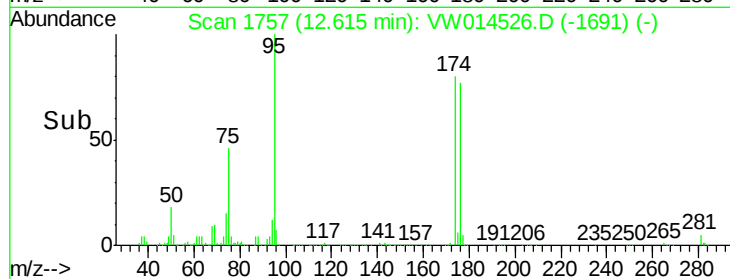
Tgt Ion: 75 Resp: 120651

Ion Ratio Lower Upper

75 100

53 0.2 70.9 106.3#

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

