

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014524.D
 Acq On : 06 Jan 2020 15:29
 Operator : SY/VA
 Sample : L1011-01RE
 Misc : 6.76G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-0-1-GRAB-B3RE

Quant Time: Jan 07 02:41:41 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

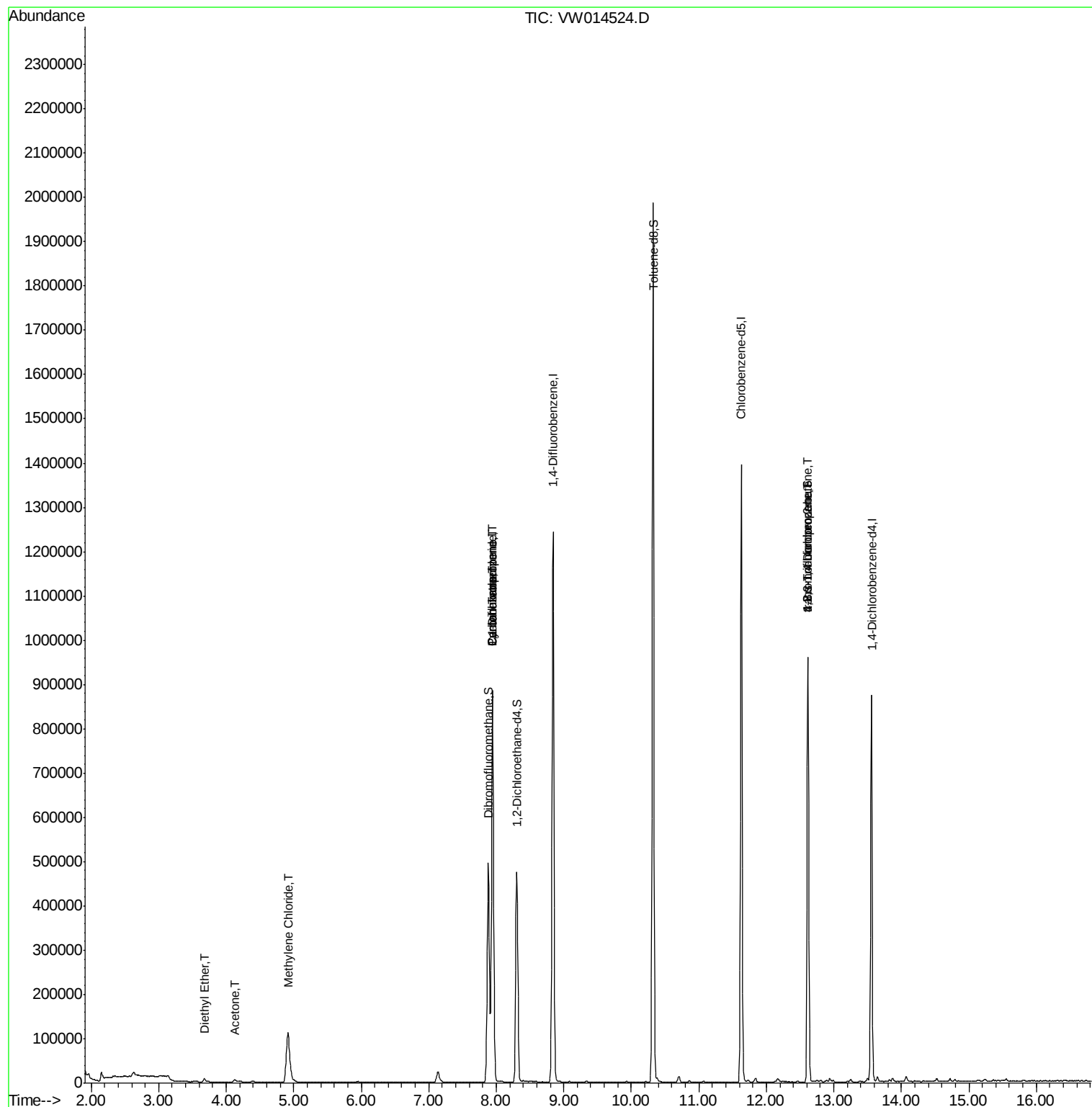
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	695234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1066809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	801676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	243716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	376520	61.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.88%	
35) Dibromofluoromethane	7.88	113	361125	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
50) Toluene-d8	10.32	98	1322371	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.62	95	322220	37.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.68%	
Target Compounds						
8) Diethyl Ether	3.68	74	4484	1.275	ug/l	88
11) Tert butyl alcohol	5.15	59	299	Below Cal	#	73
16) Acetone	4.13	43	10009	5.831	ug/l	89
20) Methylene Chloride	4.92	84	100435	10.938	ug/l	97
31) Cyclohexane	7.94	56	13227	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	49057	4.770	ug/l #	48
38) Carbon Tetrachloride	7.95	117	62862	7.045	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	154696	67.134	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	154696	149.577	ug/l #	14

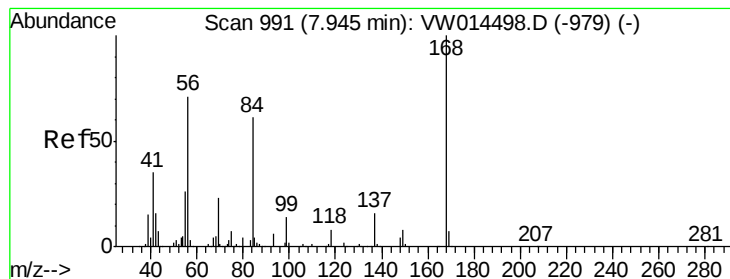
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
Data File : VW014524.D
Acq On : 06 Jan 2020 15:29
Operator : SY/VA
Sample : L1011-01RE
Misc : 6.76G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3RE

Quant Time: Jan 07 02:41:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
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: VW014524.D

Acq: 06 Jan 2020 15:29

Instrument :

MSVOA_W

ClientSampleId :

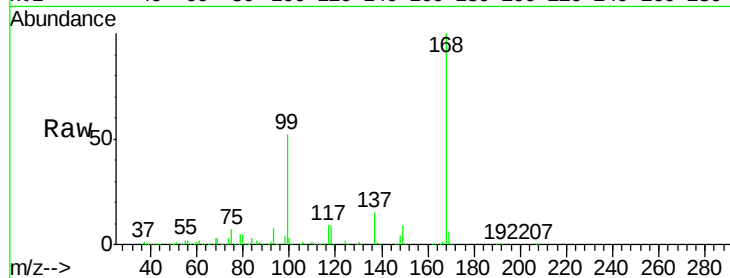
MC-010220-0-1-GRAB-B3RE

Tgt Ion:168 Resp: 695234

Ion Ratio Lower Upper

168 100

99 52.3 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

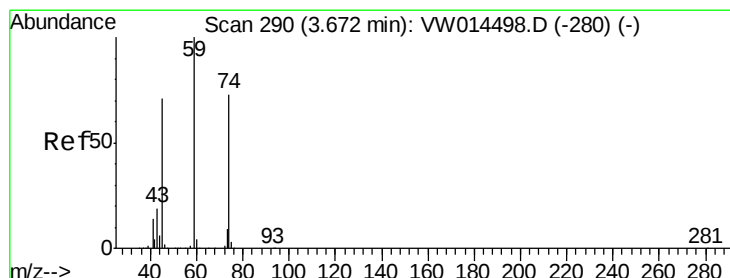
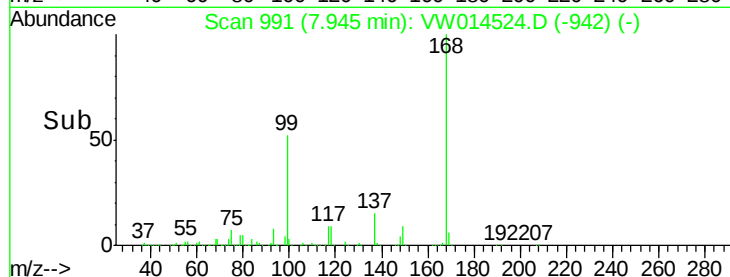
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.275 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW014524.D

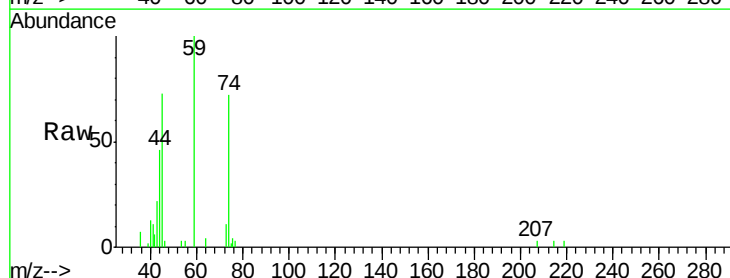
Acq: 06 Jan 2020 15:29

Tgt Ion: 74 Resp: 4484

Ion Ratio Lower Upper

74 100

45 109.5 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2000

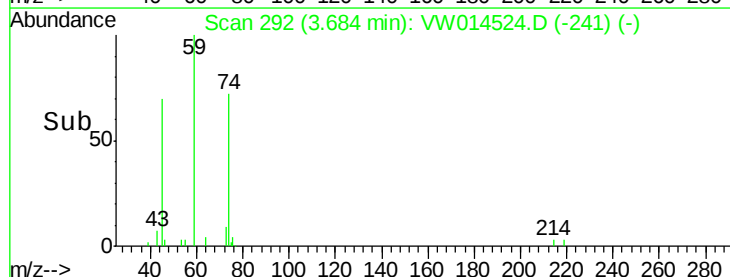
1500

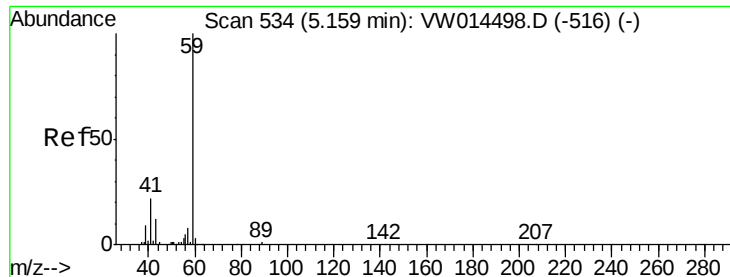
1000

500

0

Time-->

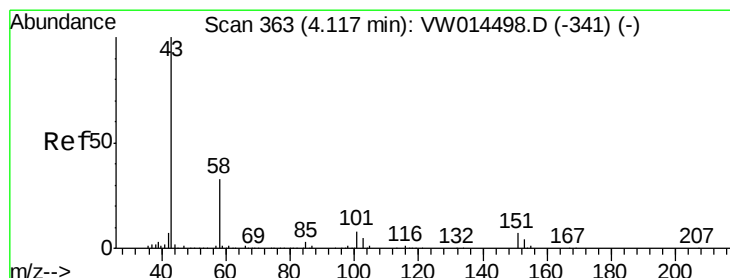
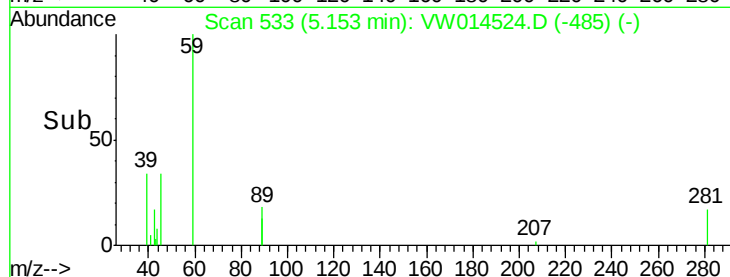
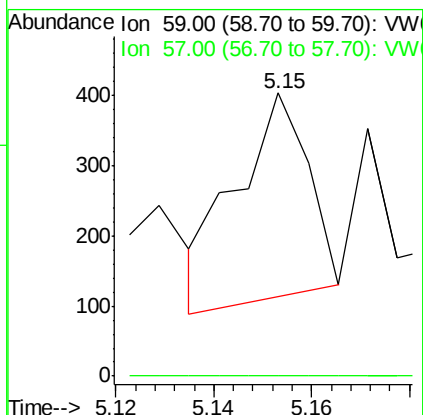
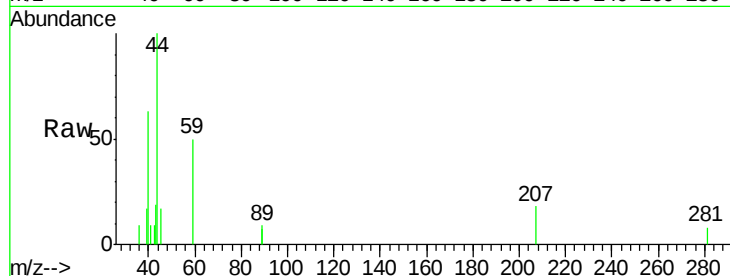




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

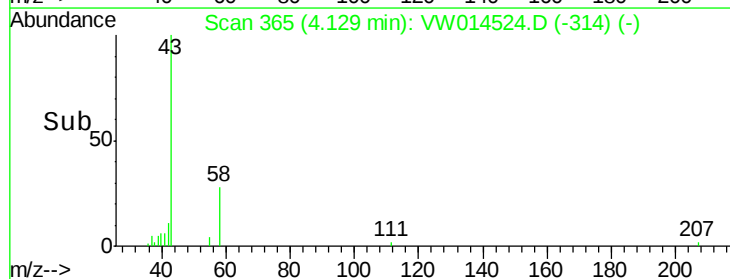
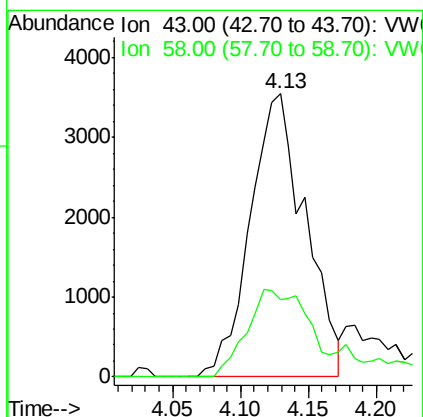
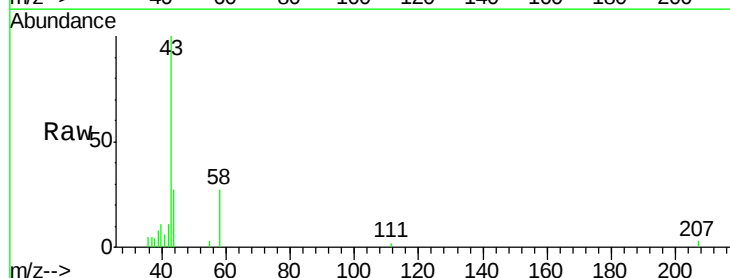
Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3RE

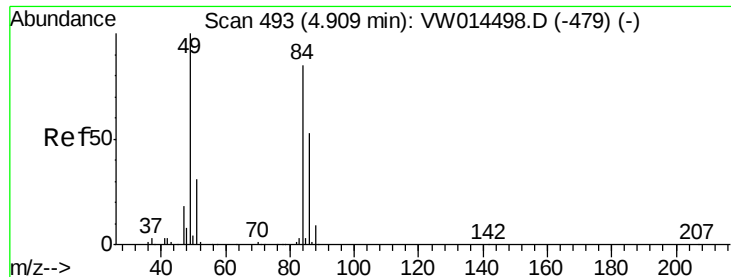
Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.831 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

Tgt Ion: 43 Resp: 10009
Ion Ratio Lower Upper
43 100
58 27.1 26.6 39.8

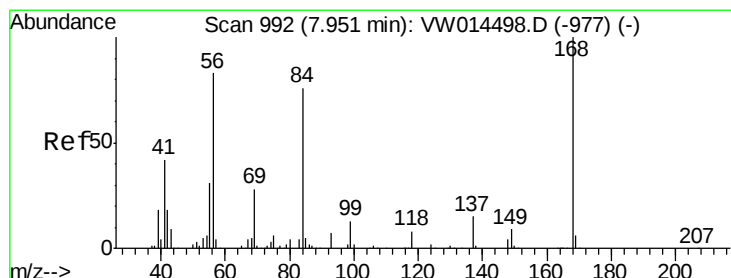
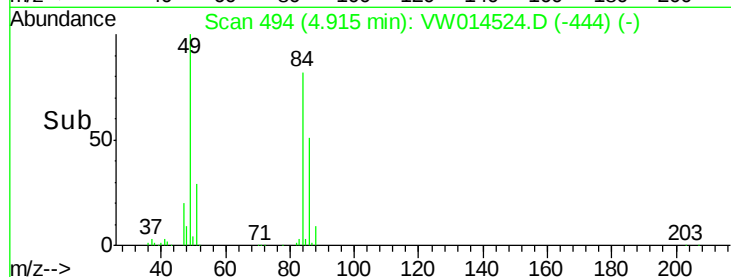
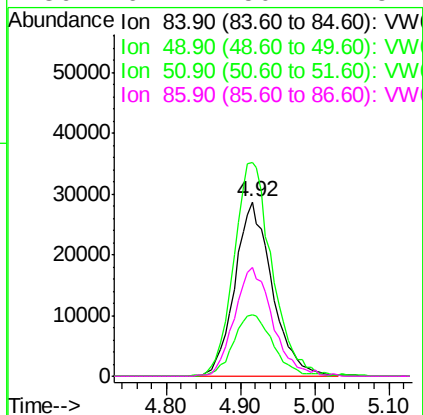
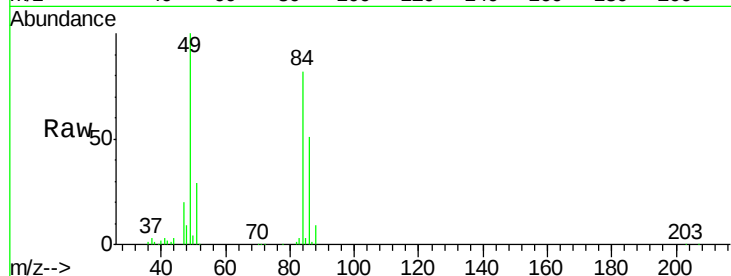




#20
Methylene Chloride
Concen: 10.938 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

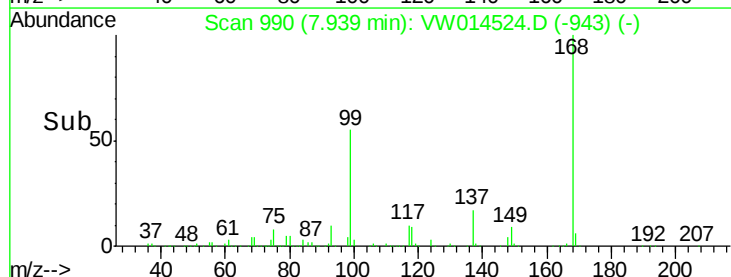
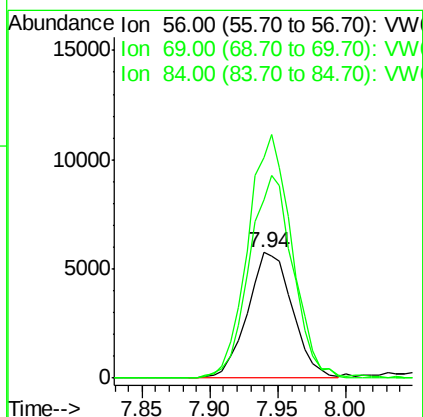
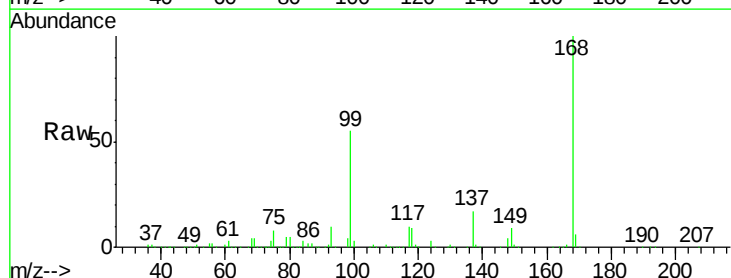
Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3RE

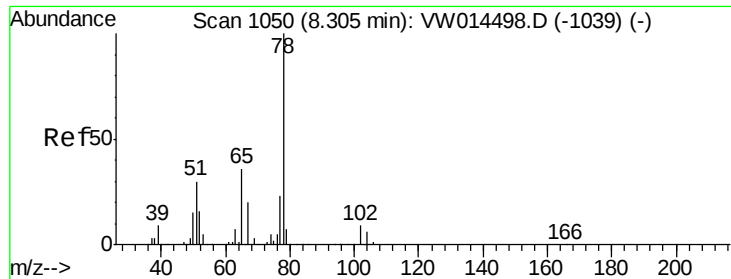
Tgt Ion:	84	Resp:	100435
Ion	Ratio	Lower	Upper
84	100		
49	122.4	94.4	141.6
51	35.4	29.5	44.3
86	62.1	50.2	75.2



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

Tgt Ion:	56	Resp:	13227
Ion	Ratio	Lower	Upper
56	100		
69	175.2	26.8	40.2#
84	142.0	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 61.943 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW014524.D

Acq: 06 Jan 2020 15:29

Instrument :

MSVOA_W

ClientSampleId :

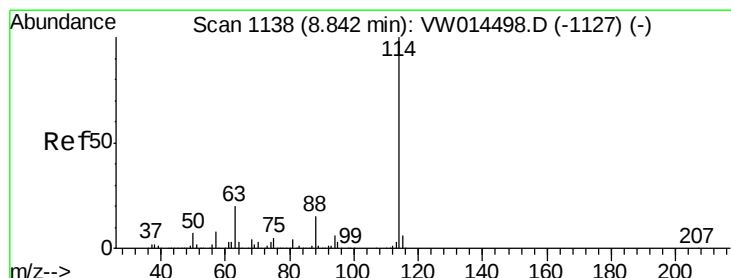
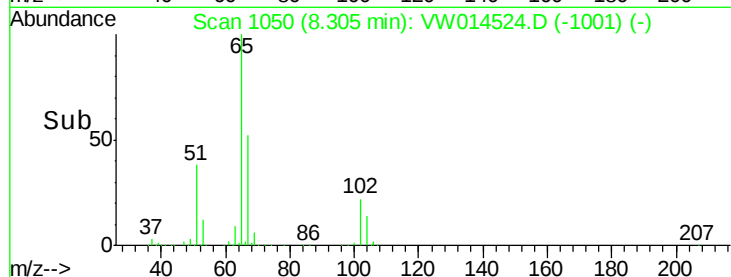
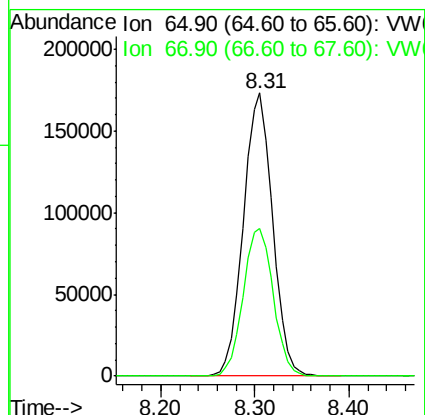
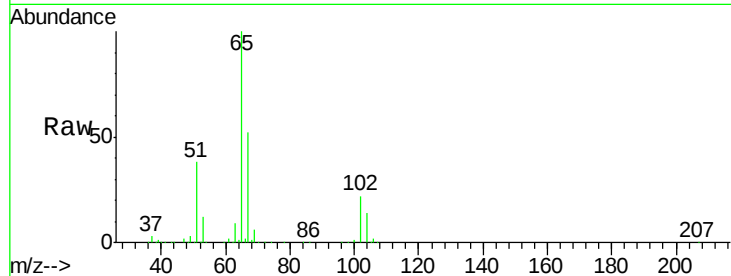
MC-010220-0-1-GRAB-B3RE

Tgt Ion: 65 Resp: 376520

Ion Ratio Lower Upper

65 100

67 53.8 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: VW014524.D

Acq: 06 Jan 2020 15:29

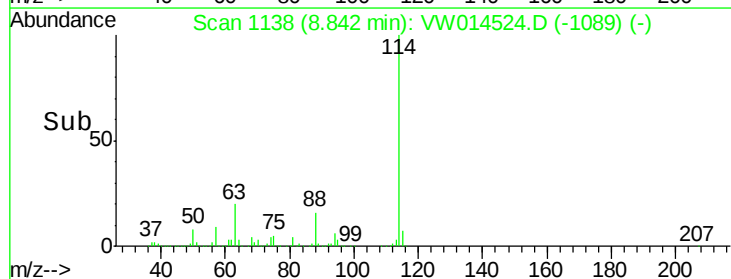
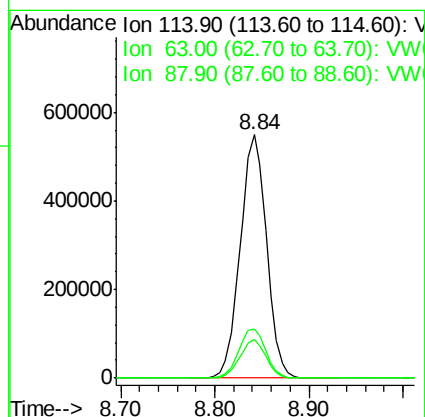
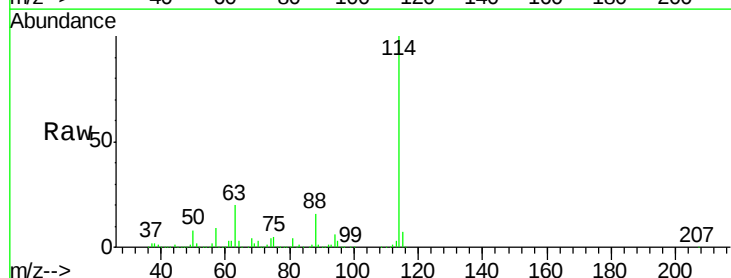
Tgt Ion: 114 Resp: 1066809

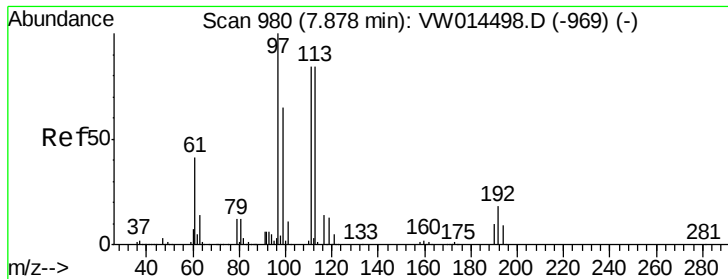
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.4

88 15.9 0.0 30.6

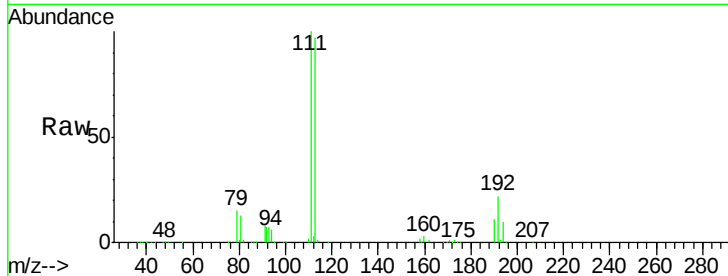




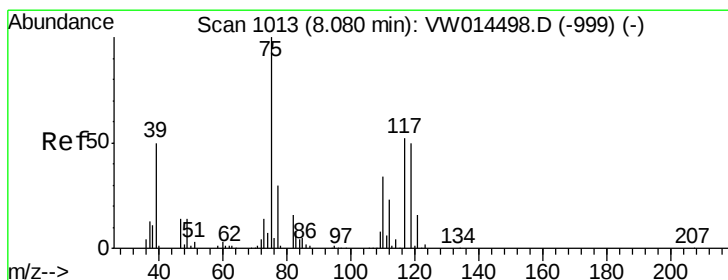
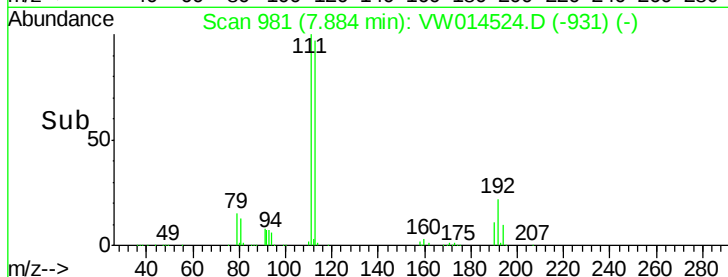
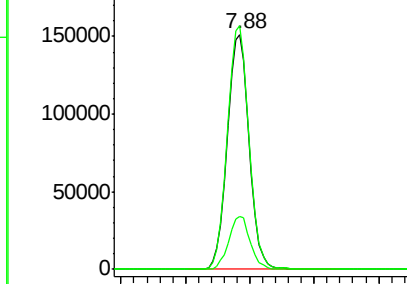
#35
 Dibromofluoromethane
 Concen: 59.230 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014524.D
 Acq: 06 Jan 2020 15:29

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-0-1-GRAB-B3RE

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	22.1	17.8	26.8

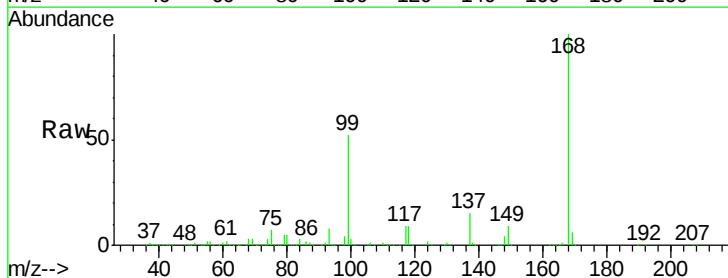


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

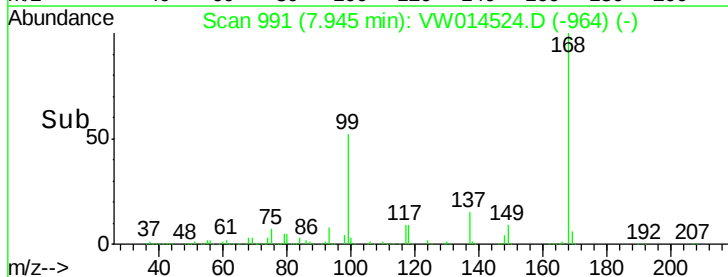
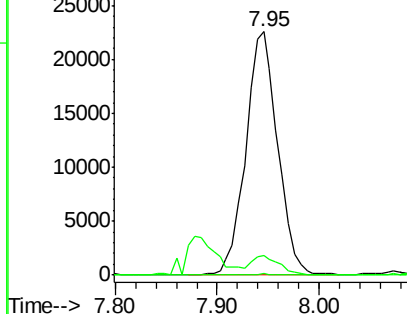


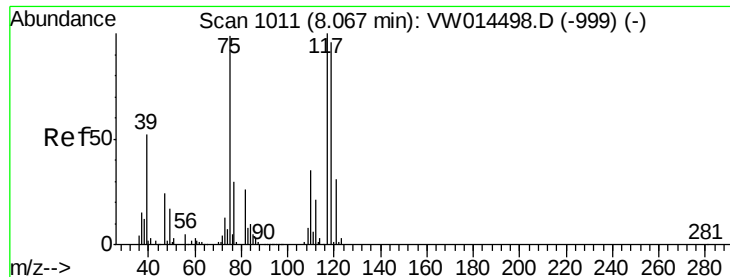
#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014524.D
 Acq: 06 Jan 2020 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	17.8	53.5#
77	0.2	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

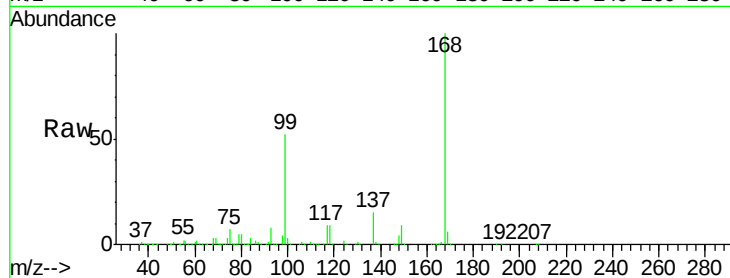




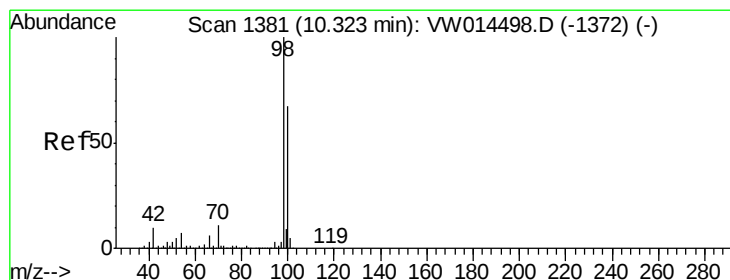
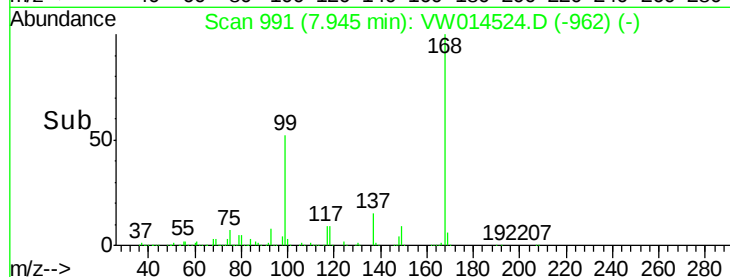
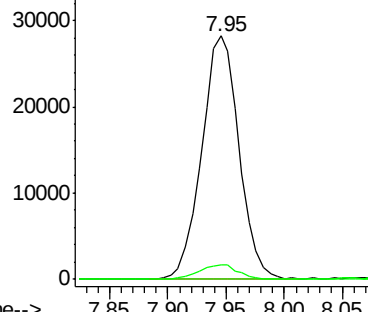
#38
Carbon Tetrachloride
Concen: 7.045 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3RE

Tgt Ion:117 Resp: 62862
Ion Ratio Lower Upper
117 100
119 5.7 77.0 115.6#
121 0.0 24.6 36.8#

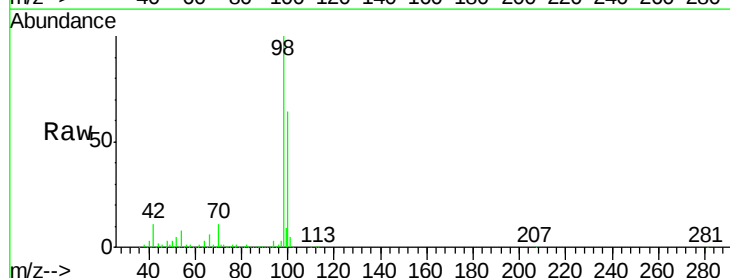


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

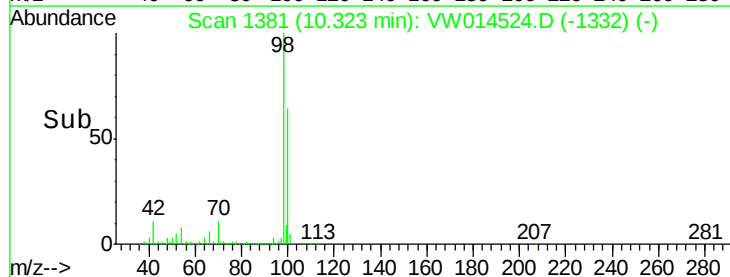
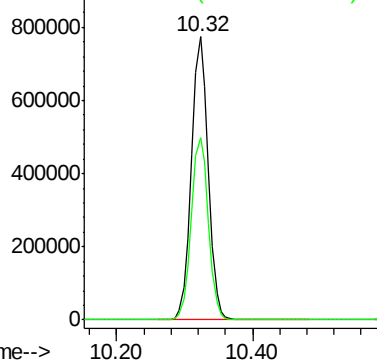


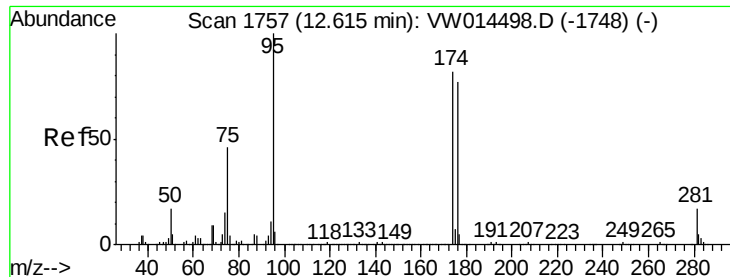
#50
Toluene-d8
Concen: 51.971 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

Tgt Ion: 98 Resp: 1322371
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 37.335 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014524.D

Acq: 06 Jan 2020 15:29

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-0-1-GRAB-B3RE

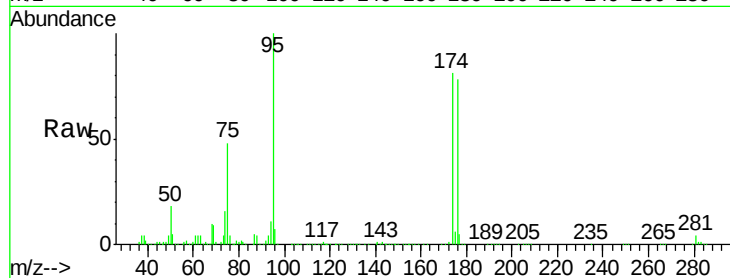
Tgt Ion: 95 Resp: 322220

Ion Ratio Lower Upper

95 100

174 83.6 0.0 168.6

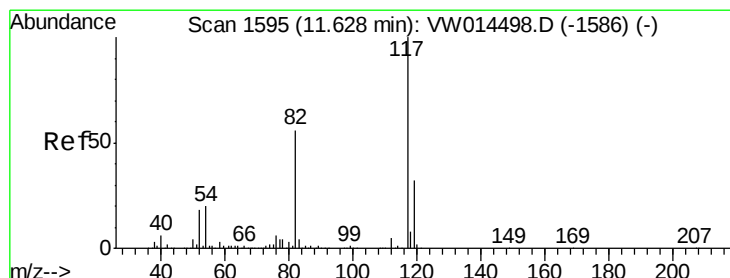
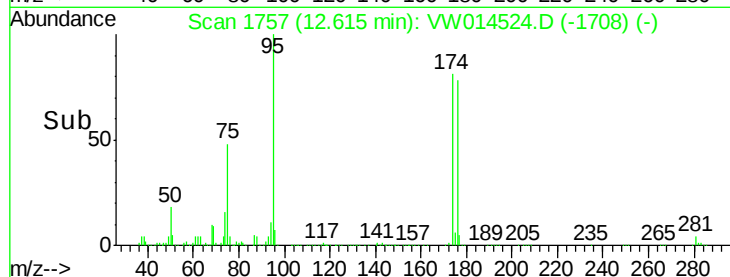
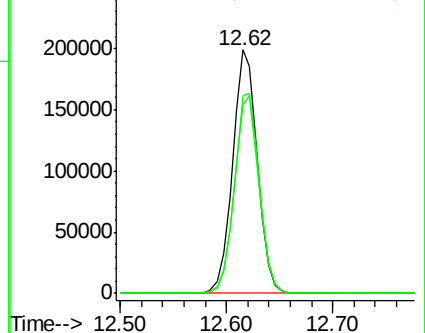
176 80.9 0.0 162.0



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: VW014524.D

Acq: 06 Jan 2020 15:29

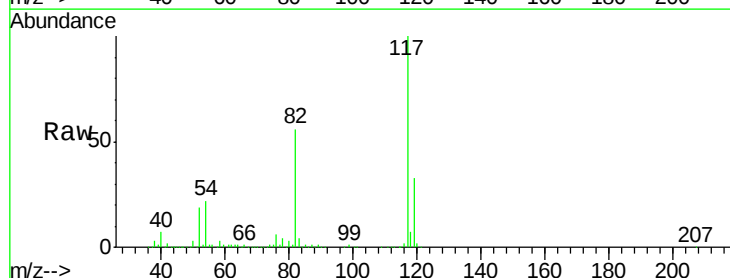
Tgt Ion: 117 Resp: 801676

Ion Ratio Lower Upper

117 100

82 56.5 44.6 67.0

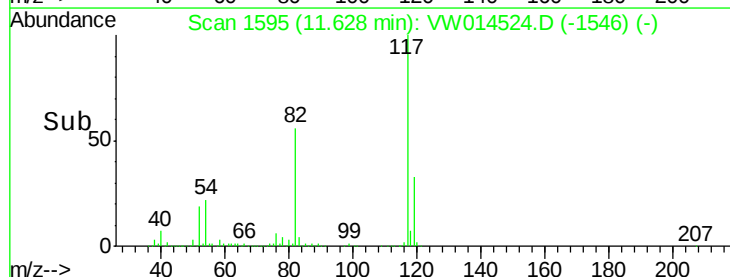
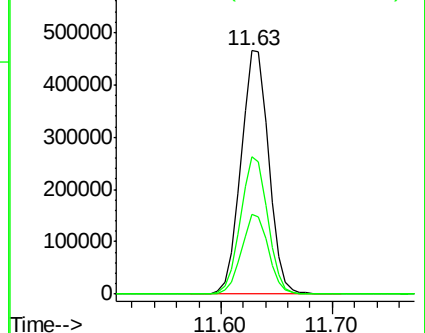
119 32.9 25.7 38.5

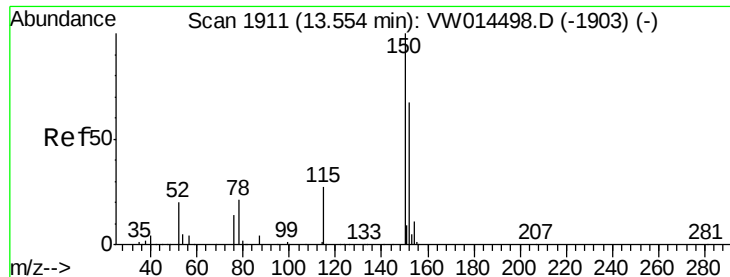


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



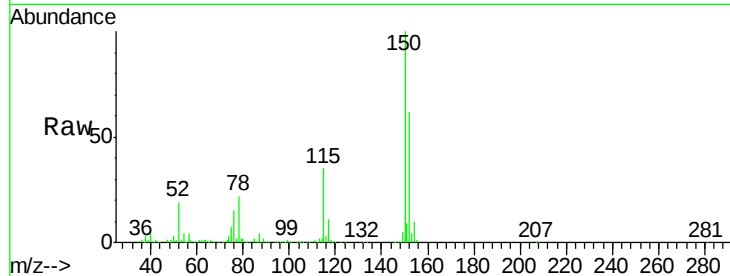


#72

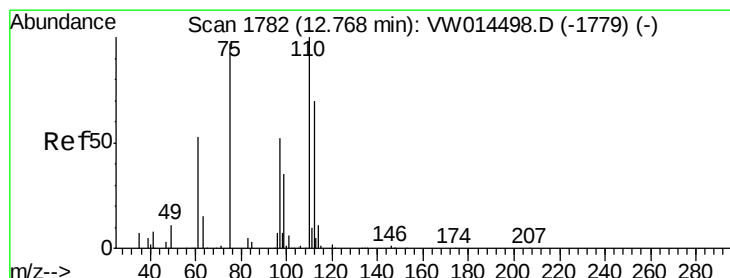
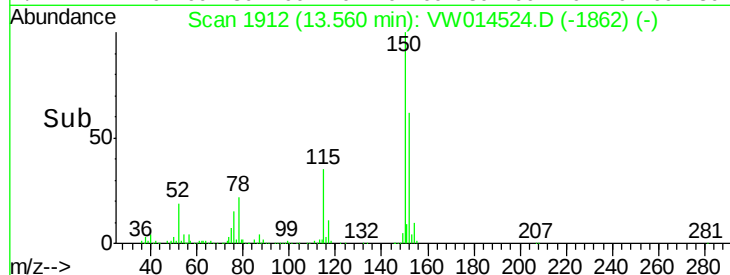
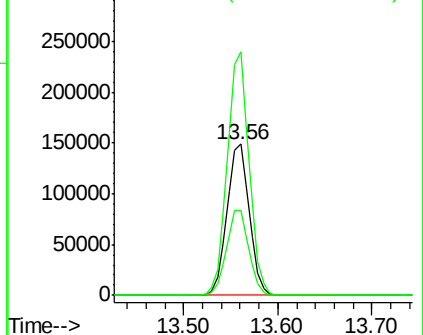
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

Instrument :
MSVOA_W
ClientSampleId :
MC-010220-0-1-GRAB-B3RE

Tgt Ion:152 Resp: 243716
Ion Ratio Lower Upper
152 100
115 56.7 27.7 83.1
150 157.8 0.0 343.4



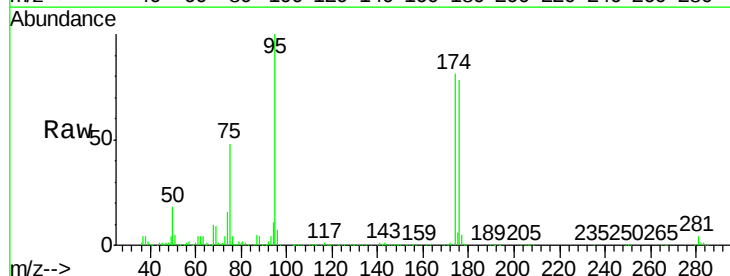
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



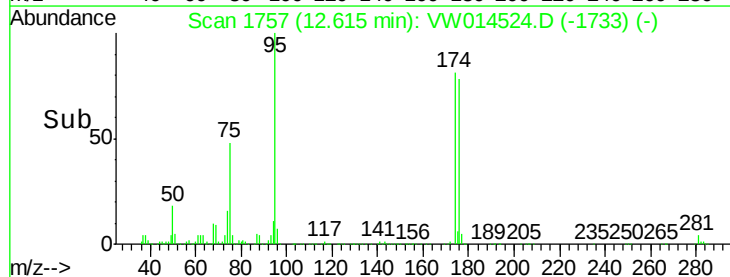
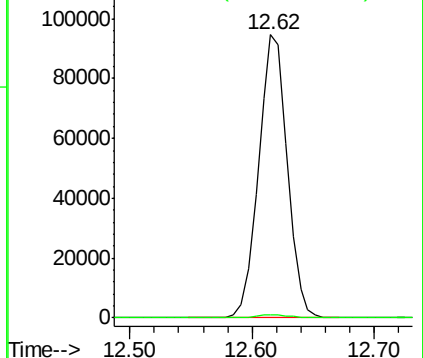
#76

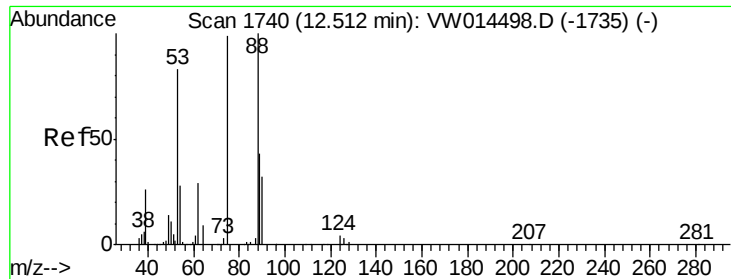
1,2,3-Trichloropropane
Concen: 67.134 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014524.D
Acq: 06 Jan 2020 15:29

Tgt Ion: 75 Resp: 154696
Ion Ratio Lower Upper
75 100
77 1.3 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: 149.577 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014524.D

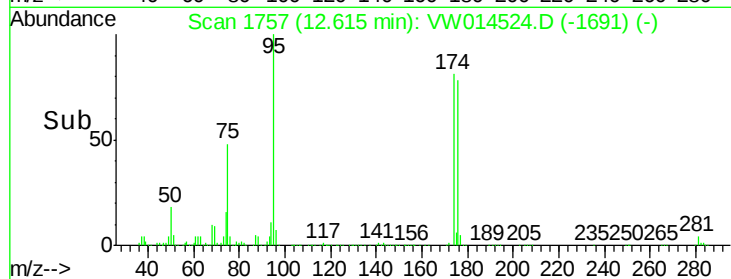
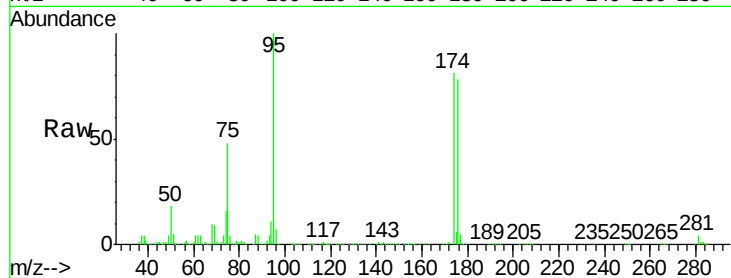
Acq: 06 Jan 2020 15:29

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-0-1-GRAB-B3RE



Tgt Ion:	75	Resp:	154696
Ion Ratio	Lower	Upper	
75	100		
53	0.2	70.9	106.3#
89	0.1	35.8	53.8#

