

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014722.D
 Acq On : 23 Jan 2020 13:36
 Operator : SY/VA
 Sample : L1205-14RE
 Misc : 11.54G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:11:10 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	127490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	195187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56095	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	66483	59.64	ug/l	0.00
Spiked Amount			Recovery	=	119.28%	
35) Dibromofluoromethane	7.88	113	64883	58.16	ug/l	0.00
Spiked Amount			Recovery	=	116.32%	
50) Toluene-d8	10.32	98	229850	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.62	95	64125	40.61	ug/l	0.00
Spiked Amount			Recovery	=	81.22%	

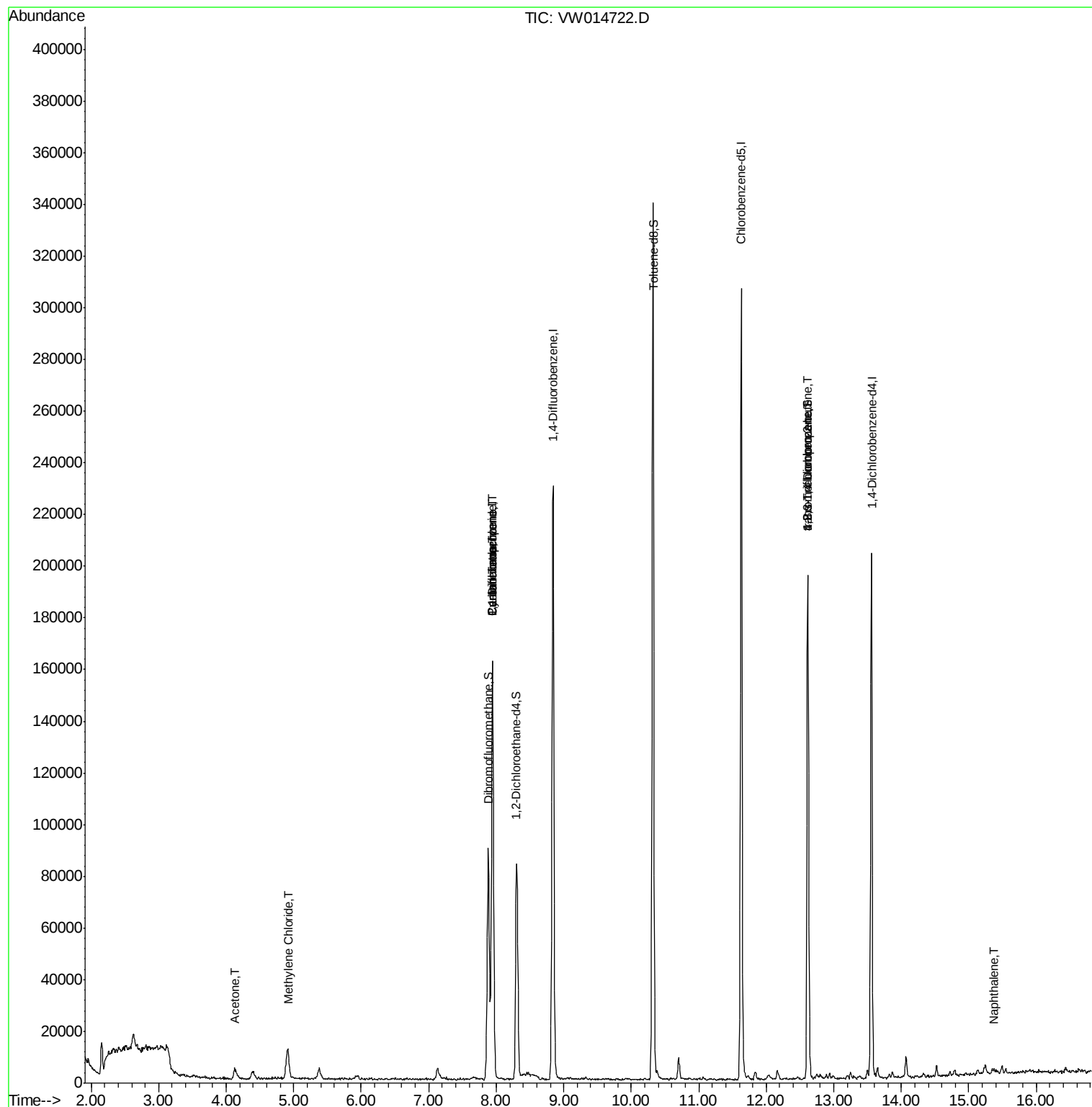
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	262	Below Cal	#	76
16) Acetone	4.12	43	8241	26.183	ug/l #	82
20) Methylene Chloride	4.92	84	8428	2.311	ug/l	88
31) Cyclohexane	7.95	56	2794	1.174	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	9483	5.040	ug/l #	49
38) Carbon Tetrachloride	7.94	117	12233	7.494	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	31890	60.128	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31890	133.967	ug/l #	14
95) Naphthalene	15.37	128	2117	1.125	ug/l #	79

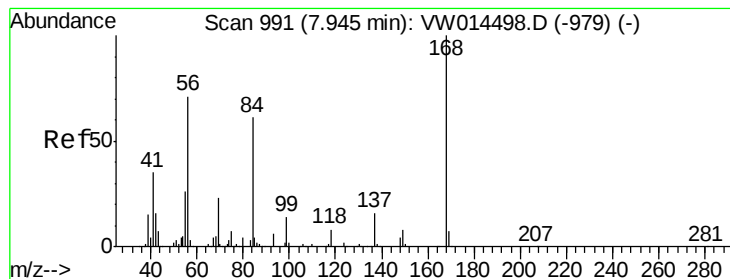
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012320\
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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: VW014722.D

Acq: 23 Jan 2020 13:36

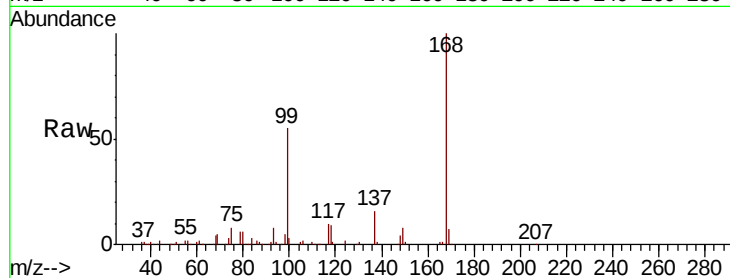
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 127490

Ion Ratio Lower Upper

168 100

99 54.5 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

60000

50000

40000

30000

20000

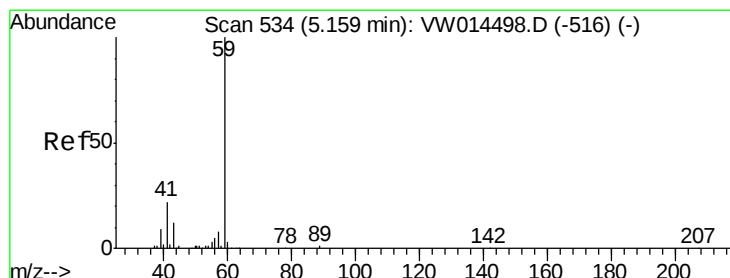
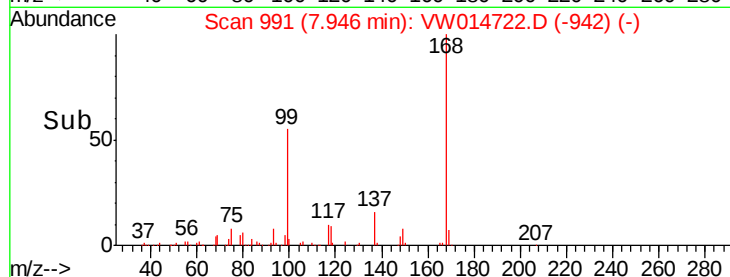
10000

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: VW014722.D

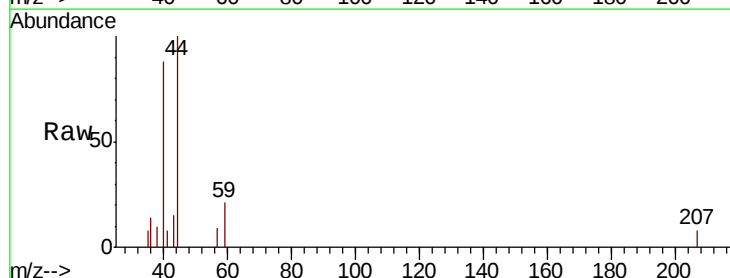
Acq: 23 Jan 2020 13:36

Tgt Ion: 59 Resp: 262

Ion Ratio Lower Upper

59 100

57 18.7 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

150

100

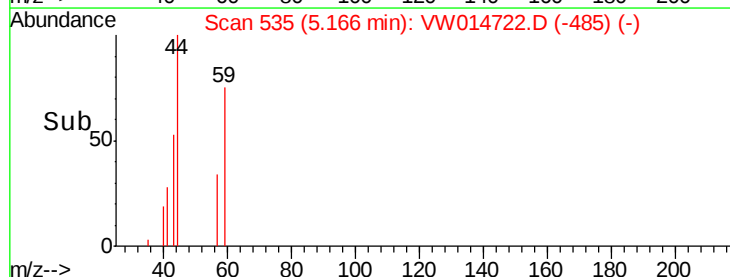
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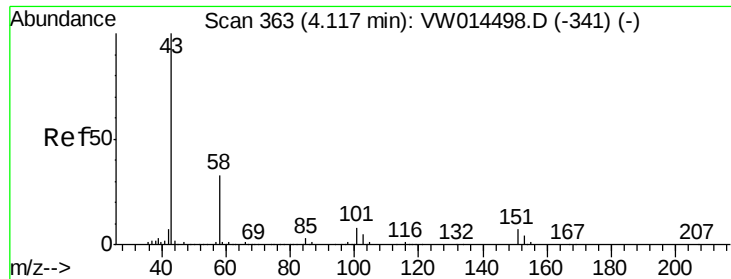
0

5.15

5.20

Time-->





#16

Acetone

Concen: 26.183 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

Instrument :

MSVOA_W

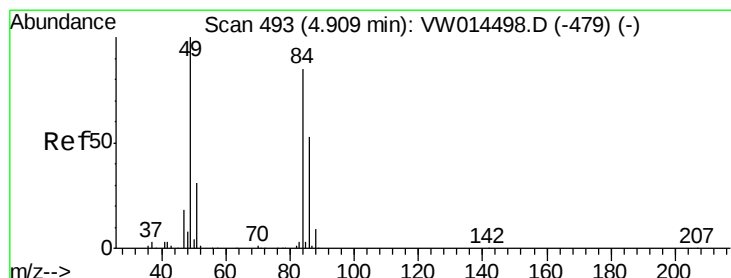
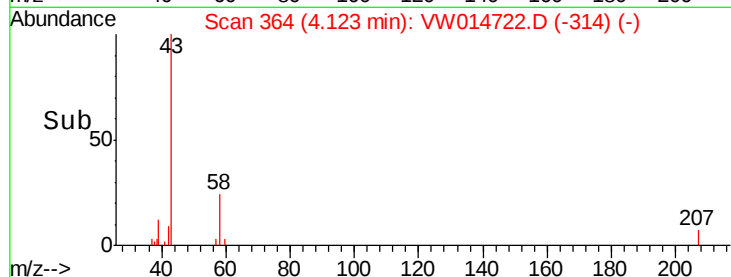
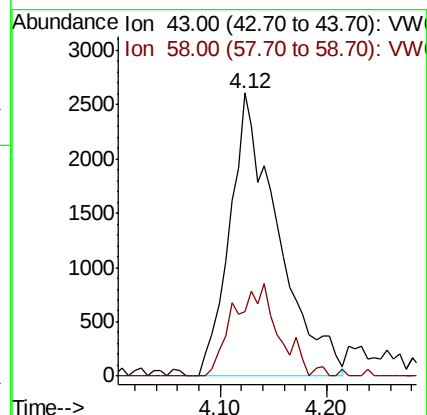
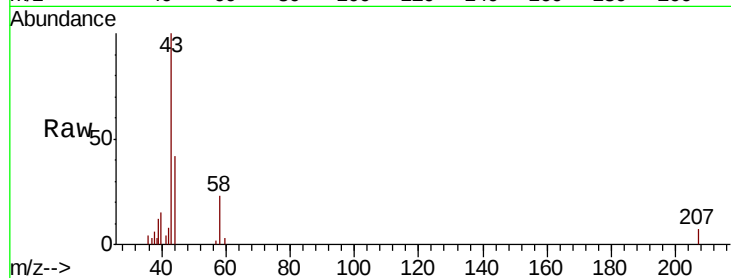
ClientSampleId :

Tot Ion: 43 Resp: 8241

Ion Ratio Lower Upper

43 100

58 22.9 26.6 39.8#



#20

Methylene Chloride

Concen: 2.311 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

Tgt Ion: 84 Resp: 8428

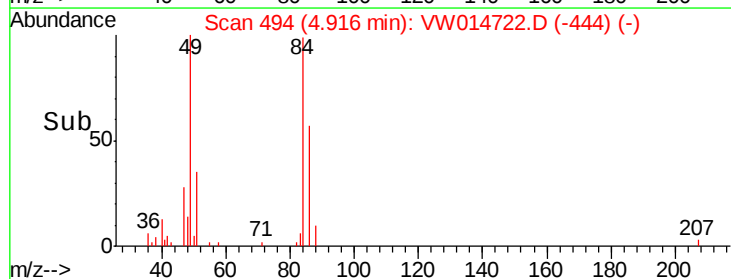
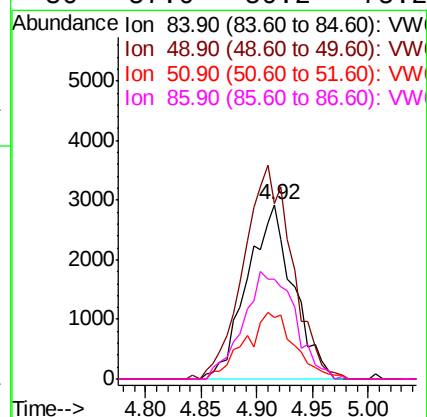
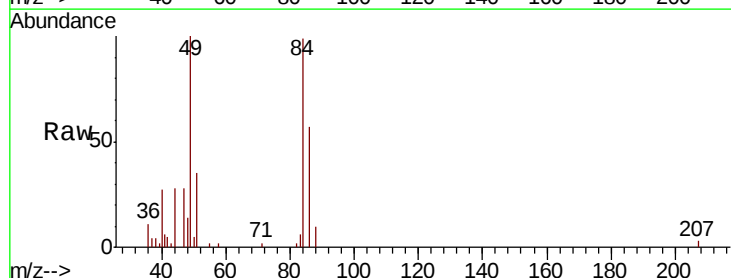
Ion Ratio Lower Upper

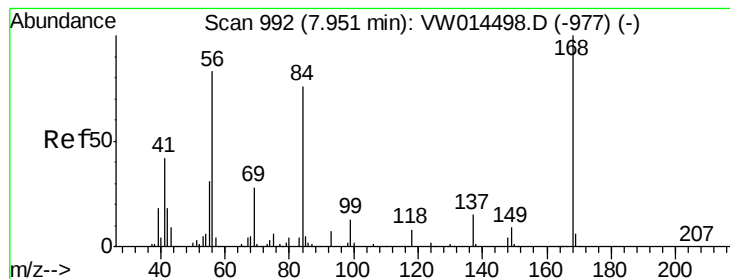
84 100

49 98.6 94.4 141.6

51 35.4 29.5 44.3

86 57.0 50.2 75.2





#31

Cyclohexane

Concen: 1.174 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

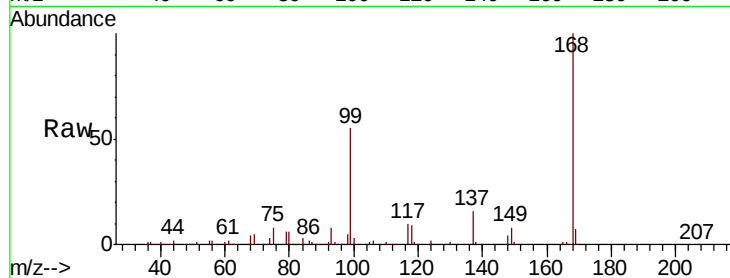
Tot Ion: 56 Resp: 2794

Ion Ratio Lower Upper

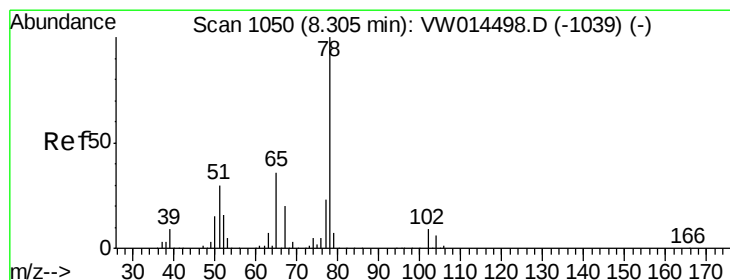
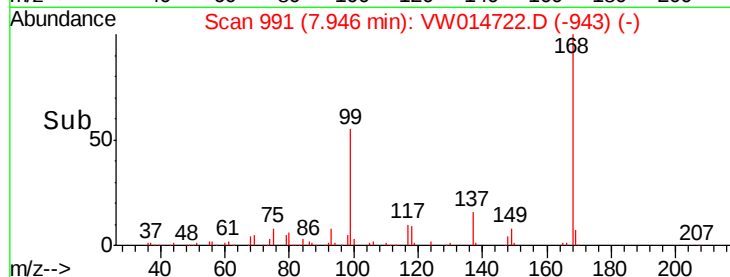
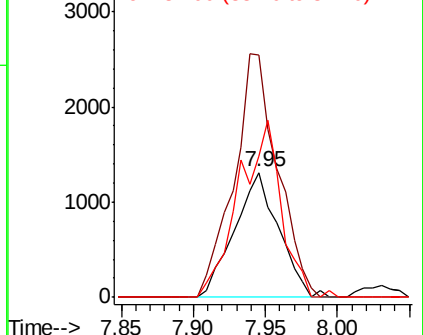
56 100

69 194.1 26.8 40.2#

84 113.4 71.8 107.6#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 59.644 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014722.D

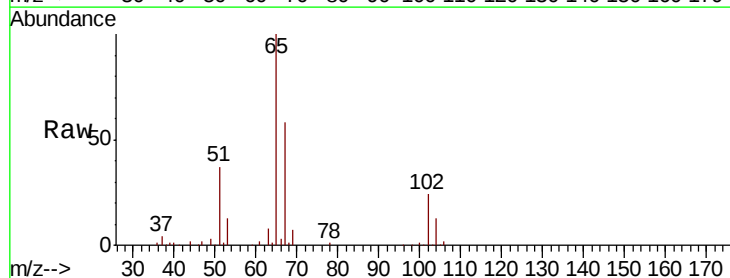
Acq: 23 Jan 2020 13:36

Tgt Ion: 65 Resp: 66483

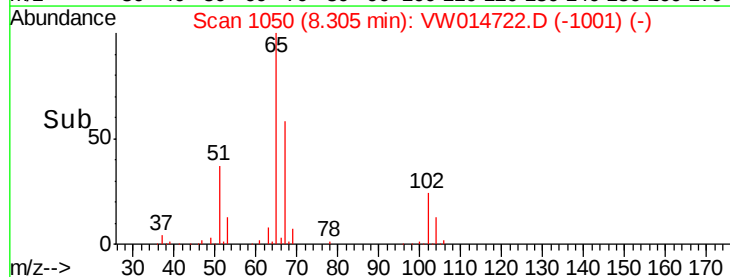
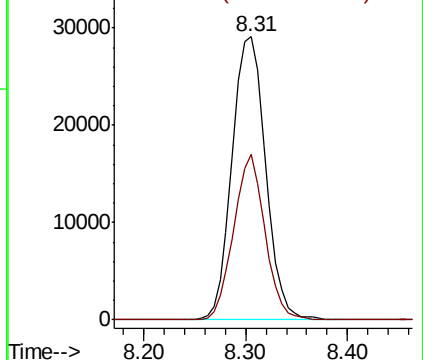
Ion Ratio Lower Upper

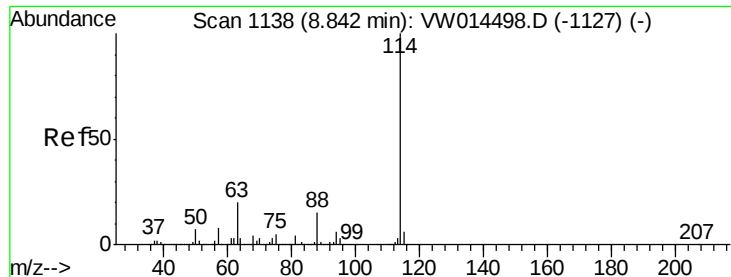
65 100

67 54.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

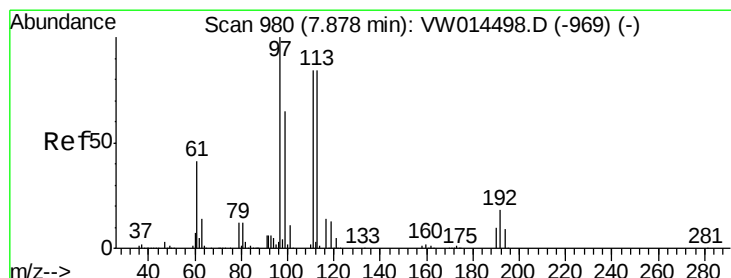
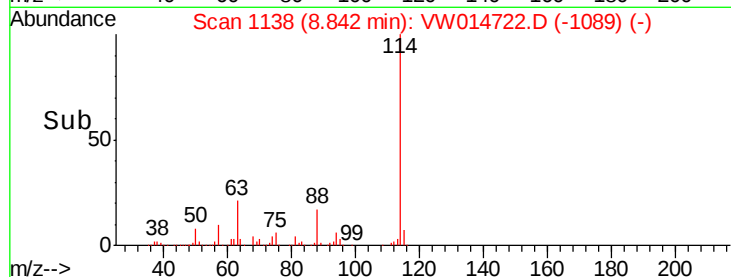
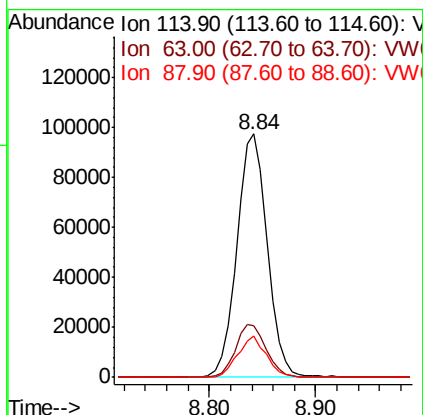
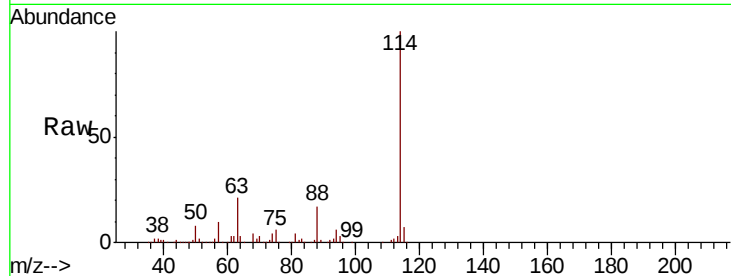




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014722.D
 Acq: 23 Jan 2020 13:36

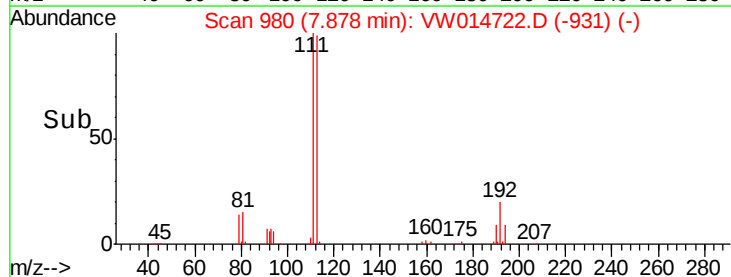
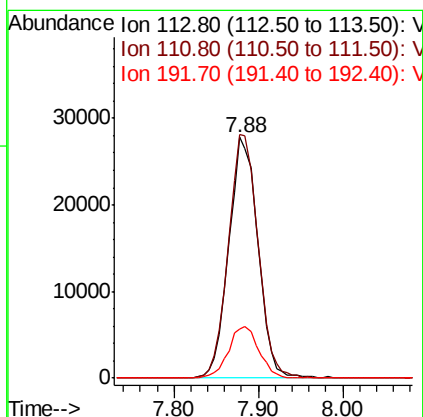
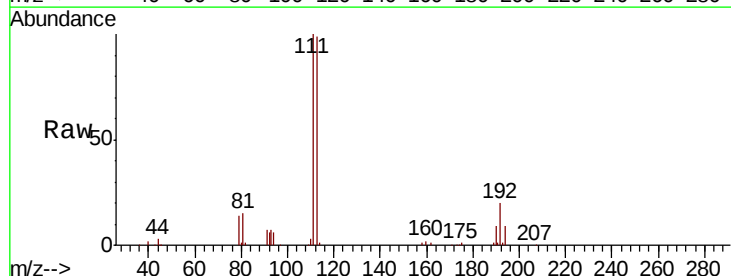
Instrument :
 MSVOA_W
 ClientSampleId :

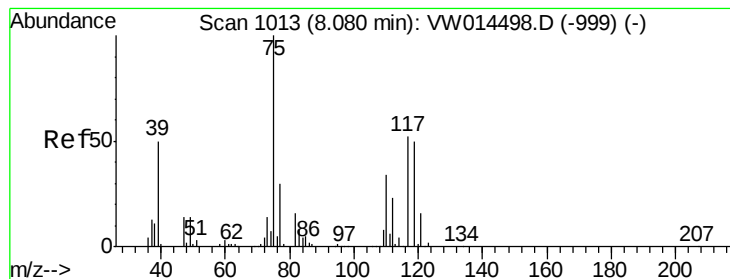
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	16.8	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 58.164 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014722.D
 Acq: 23 Jan 2020 13:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.2
192	21.9	17.8	26.8





#36

1,1-Dichloropropene

Concen: 5.040 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

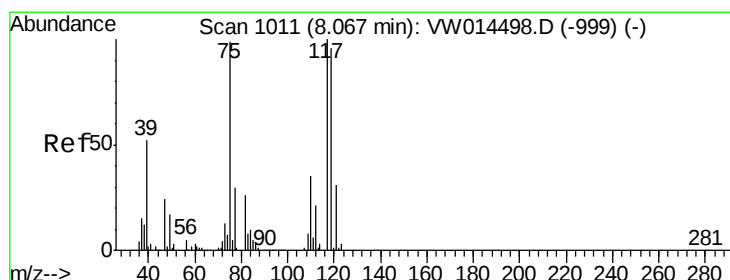
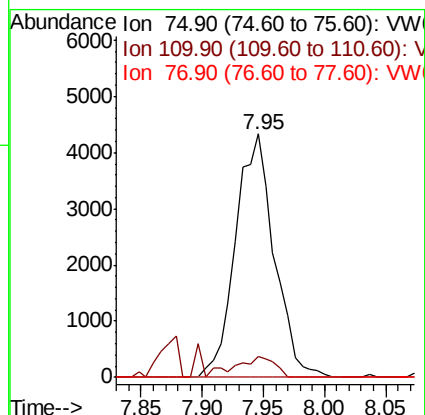
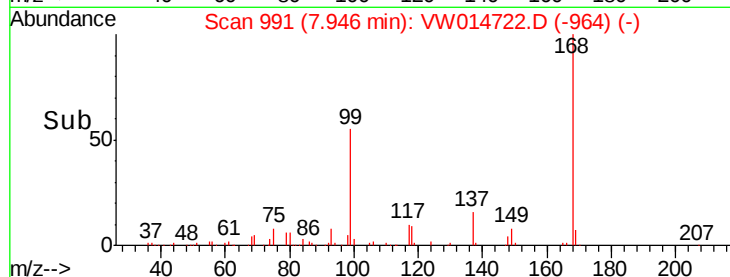
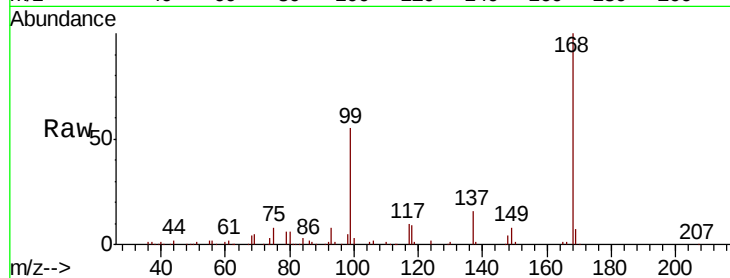
Tot Ion: 75 Resp: 9483

Ion Ratio Lower Upper

75 100

110 8.1 17.8 53.5#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.494 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.13 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

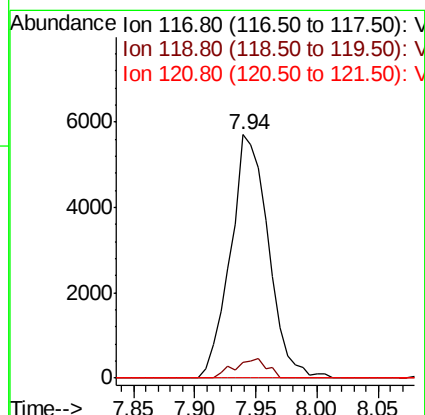
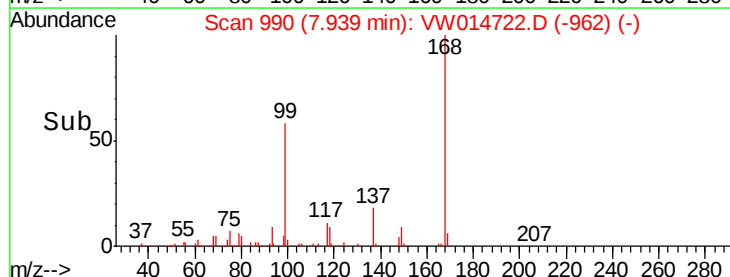
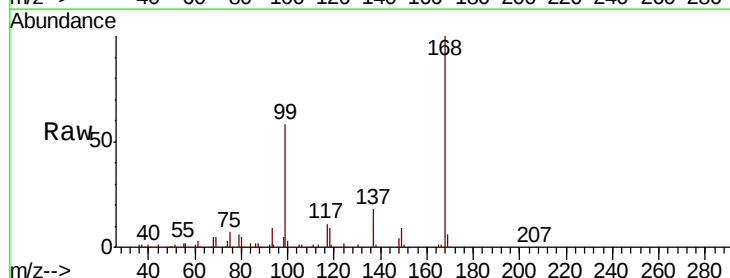
Tgt Ion: 117 Resp: 12233

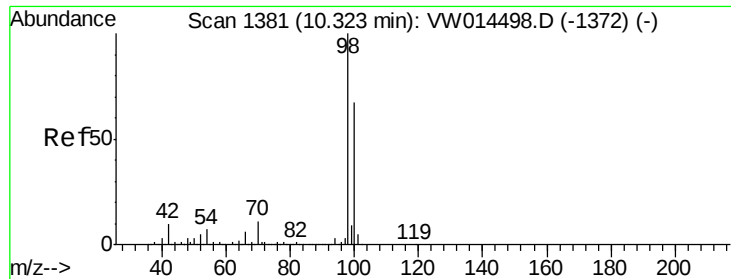
Ion Ratio Lower Upper

117 100

119 6.6 77.0 115.6#

121 0.0 24.6 36.8#





#50

Toluene-d8

Concen: 49.373 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

Instrument :

MSVOA_W

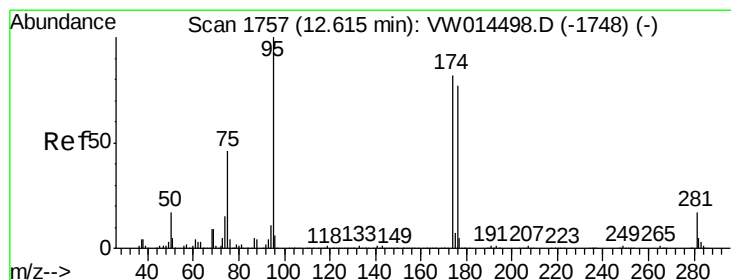
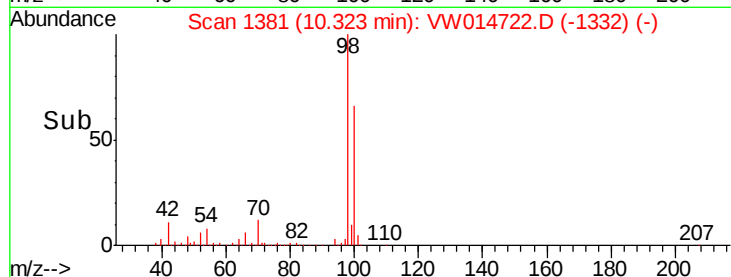
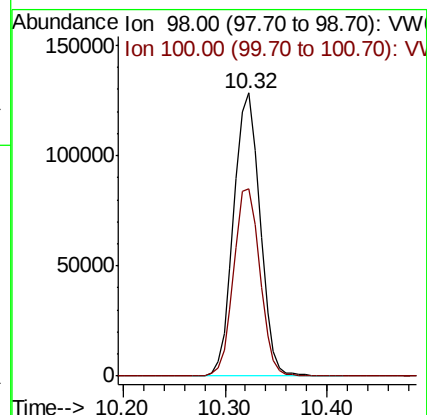
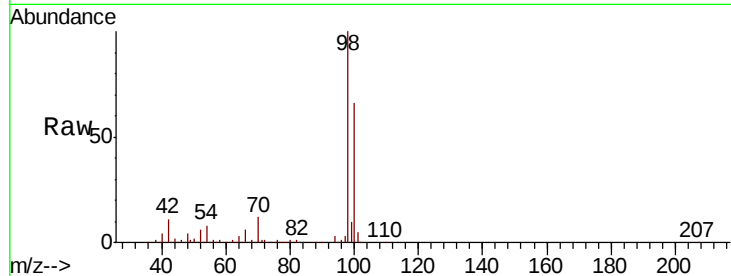
ClientSampleId :

Tot Ion: 98 Resp: 229850

Ion Ratio Lower Upper

98 100

100 65.8 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 40.610 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014722.D

Acq: 23 Jan 2020 13:36

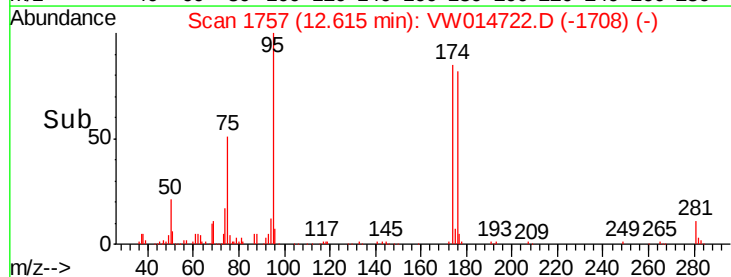
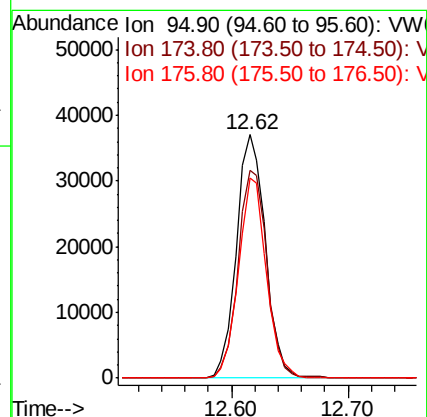
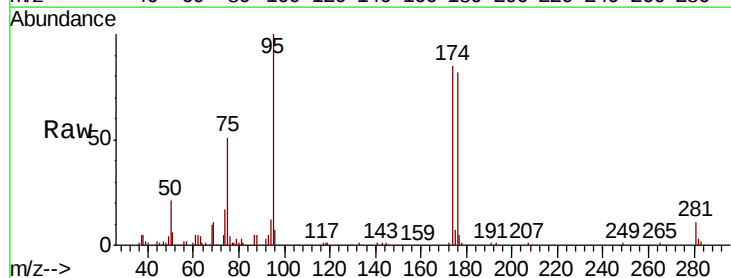
Tgt Ion: 95 Resp: 64125

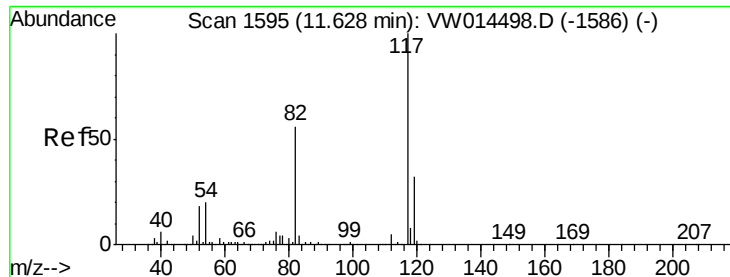
Ion Ratio Lower Upper

95 100

174 85.5 0.0 168.6

176 79.4 0.0 162.0

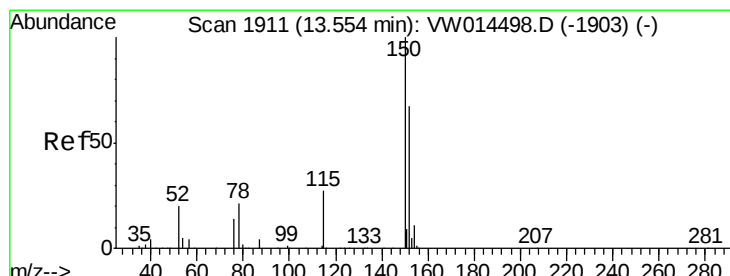
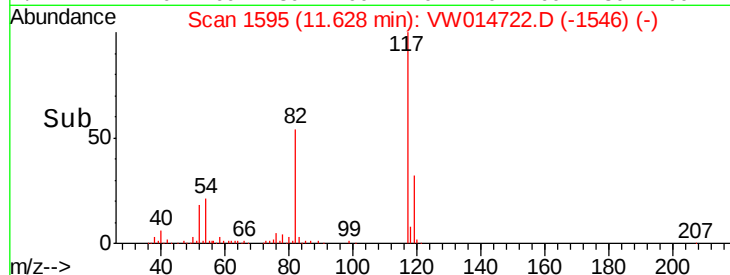
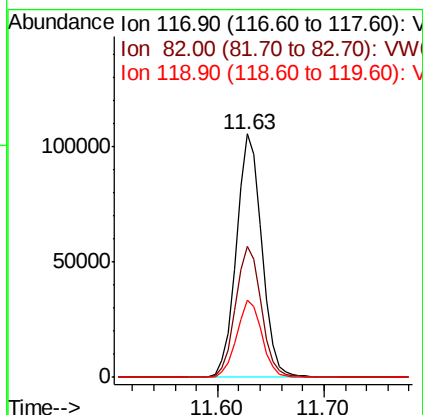
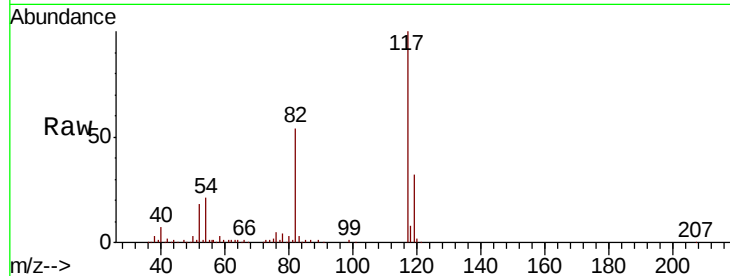




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014722.D
Acq: 23 Jan 2020 13:36

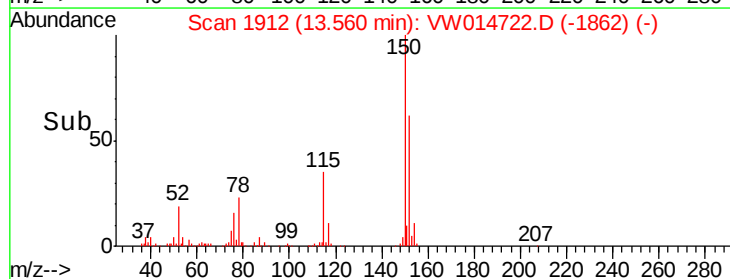
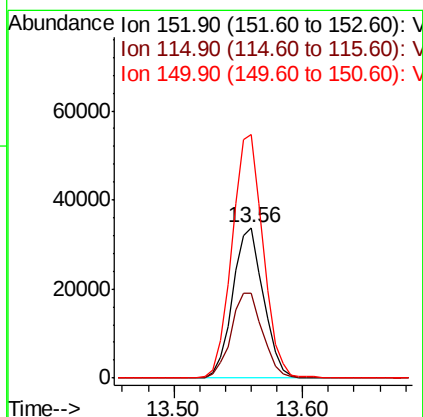
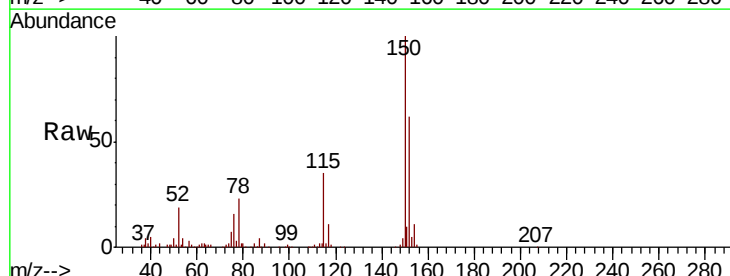
Instrument :
MSVOA_W
ClientSampleId :

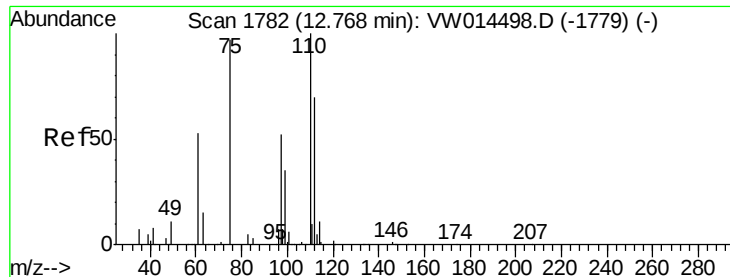
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.6	67.0
119	32.0	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW014722.D
Acq: 23 Jan 2020 13:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.7	83.1
150	163.6	0.0	343.4



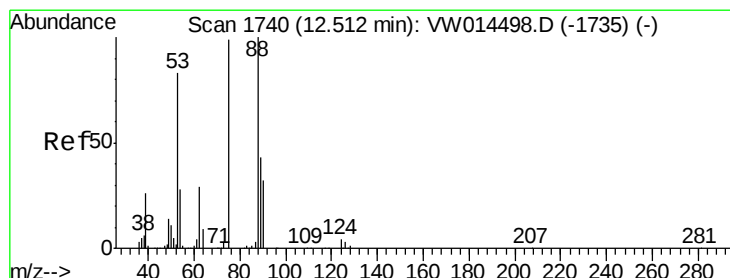
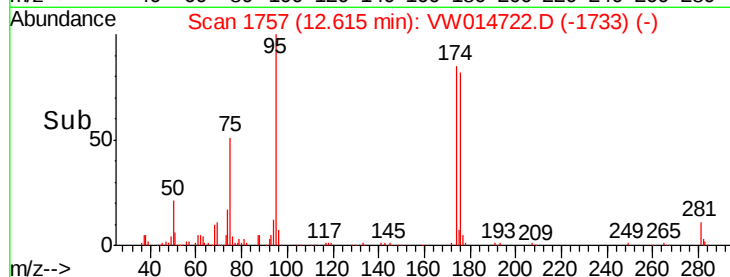
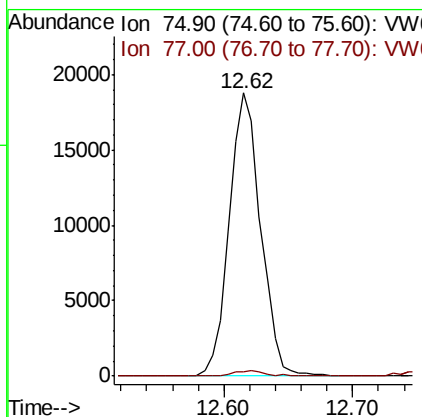
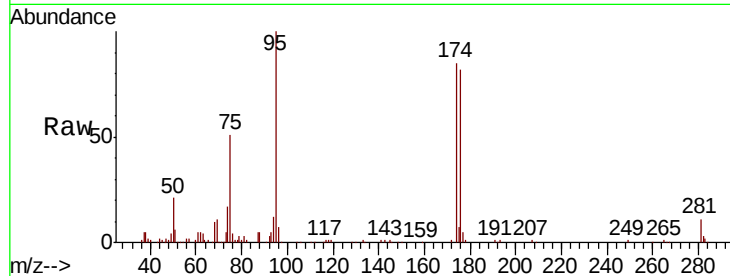


#76

1,2,3-Trichloropropane
Concen: 60.128 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014722.D
Acq: 23 Jan 2020 13:36

Instrument :
MSVOA_W
ClientSampleId :

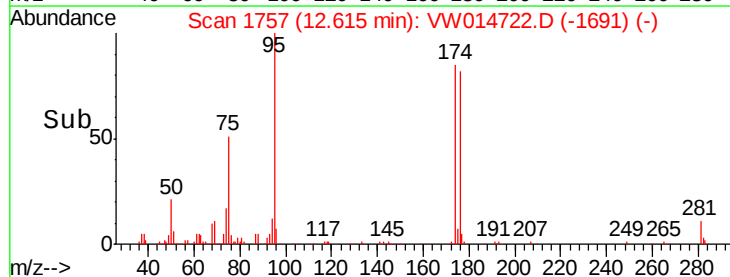
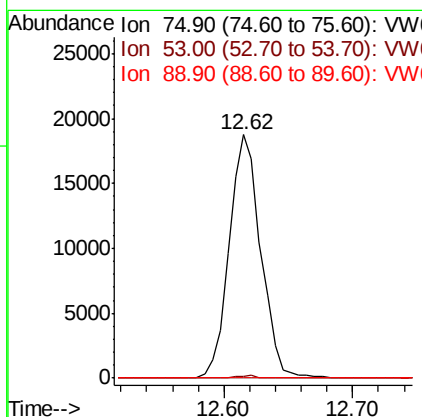
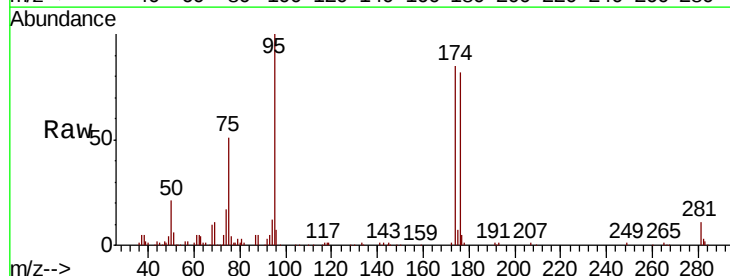
Tot Ion: 75 Resp: 31890
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

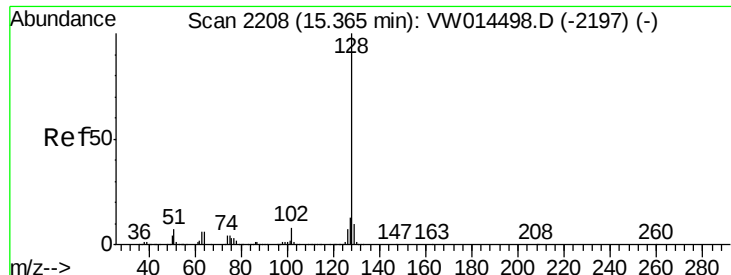


#81

trans-1,4-Dichloro-2-butene
Concen: 133.967 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014722.D
Acq: 23 Jan 2020 13:36

Tgt Ion: 75 Resp: 31890
Ion Ratio Lower Upper
75 100
53 0.6 70.9 106.3#
89 0.0 35.8 53.8#

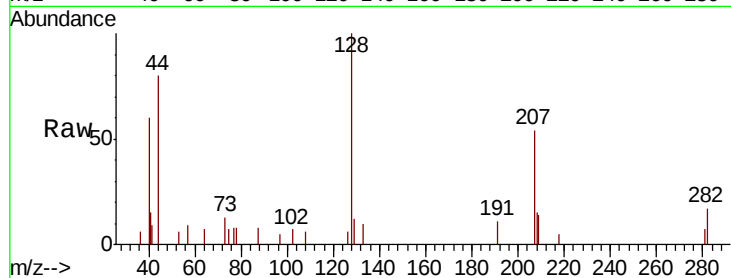




#95
Naphthalene
Concen: 1.125 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW014722.D
Acq: 23 Jan 2020 13:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 2117
Ion Ratio Lower Upper
128 100
127 1.4 10.6 15.8#
129 7.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

