

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013733.D
 Acq On : 25 Oct 2019 00:57
 Operator : SY/VA
 Sample : K5499-18RE
 Misc : 6.55G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 08:02:14 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	243423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93478	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	107332	58.78	ug/l	0.00
Spiked Amount			Recovery	=	117.56%	
35) Dibromofluoromethane	7.88	113	108457	54.48	ug/l	0.00
Spiked Amount			Recovery	=	108.96%	
50) Toluene-d8	10.32	98	397210	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.62	95	100386	36.55	ug/l	0.00
Spiked Amount			Recovery	=	73.10%	

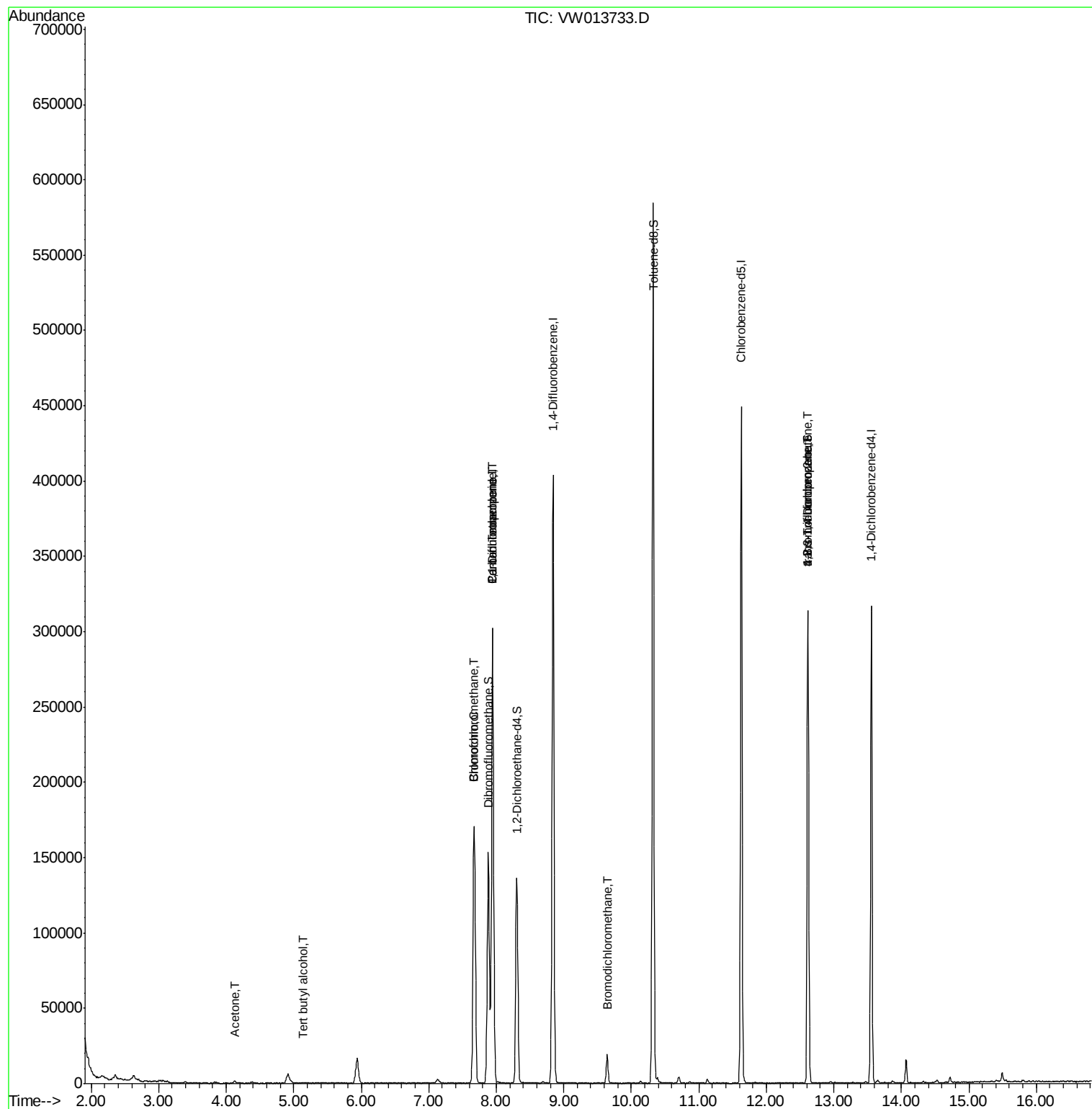
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	184	1.688	ug/l #	71
16) Acetone	4.12	43	2071	5.349	ug/l #	83
20) Methylene Chloride	4.91	84	4455	Below Cal		94
28) Bromochloromethane	7.67	49	12693	10.281	ug/l #	7
30) Chloroform	7.67	83	170993	44.603	ug/l	99
36) 1,1-Dichloropropene	7.95	75	15719	4.711	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21154	7.041	ug/l #	15
47) Bromodichloromethane	9.64	83	13647	4.818	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	48451	72.175	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48451	136.400	ug/l #	14

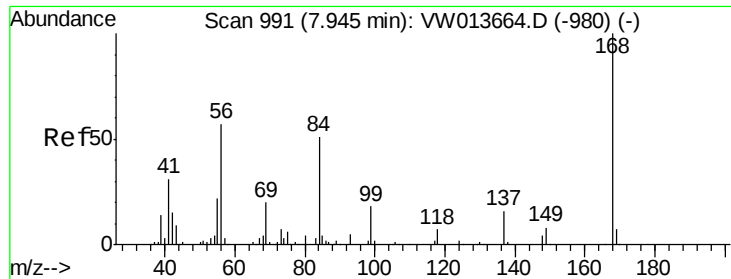
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102419\
Data File : VW013733.D
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Quant Time: Oct 25 08:02:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
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: VW013733.D

Acq: 25 Oct 2019 00:57

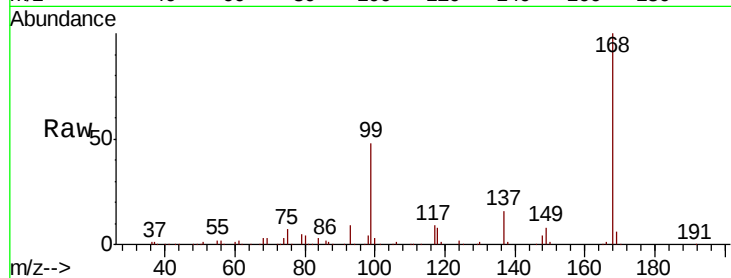
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 243423

Ion Ratio Lower Upper

168 100

99 48.2 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

120000

100000

80000

60000

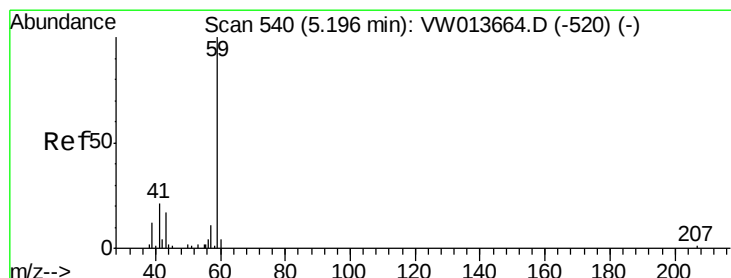
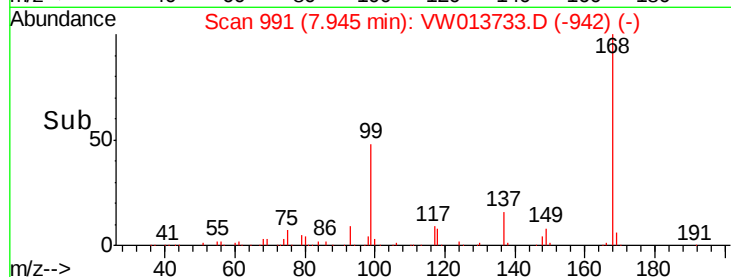
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.688 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.05 min

Lab File: VW013733.D

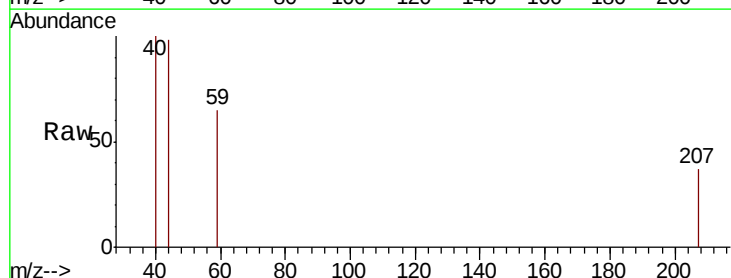
Acq: 25 Oct 2019 00:57

Tgt Ion: 59 Resp: 184

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

200

150

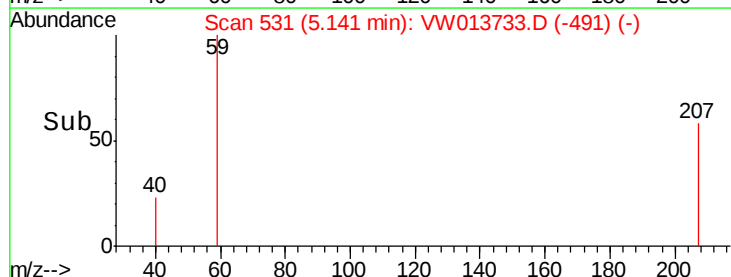
100

50

0

5.12 5.14

Time-->

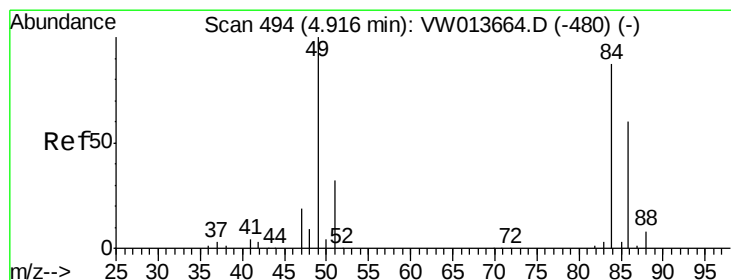
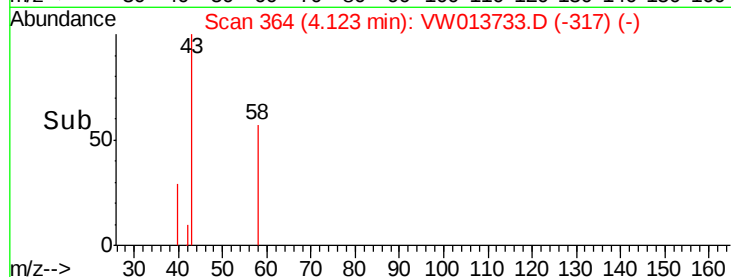
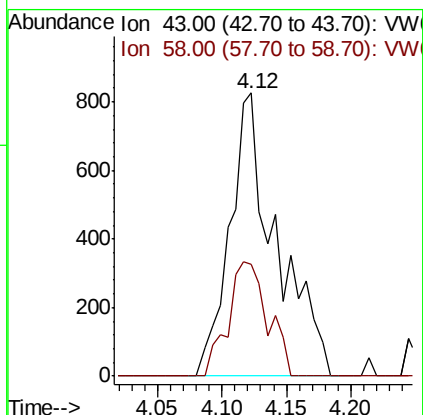
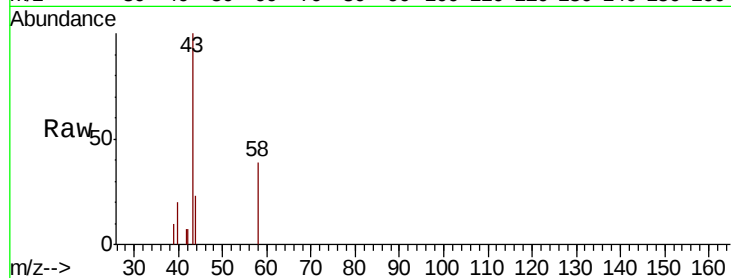




#16
Acetone
Concen: 5.349 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW013733.D
Acq: 25 Oct 2019 00:57

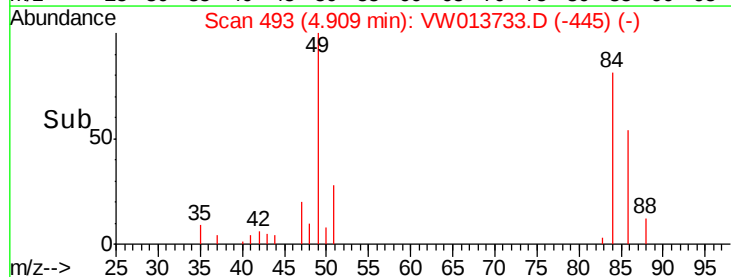
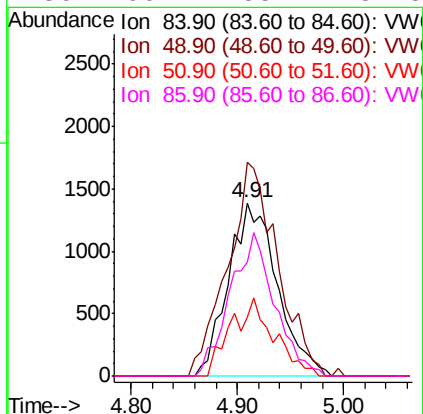
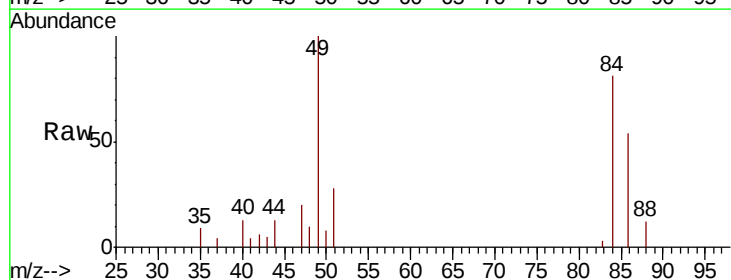
Instrument :
MSVOA_W
ClientSampleId :

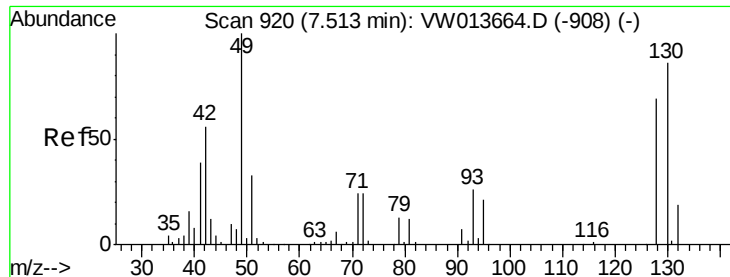
Tot Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 39.3 24.1 36.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013733.D
Acq: 25 Oct 2019 00:57

Tgt Ion: 84 Resp: 4455
Ion Ratio Lower Upper
84 100
49 123.5 91.8 137.6
51 34.4 29.8 44.6
86 66.2 55.2 82.8





#28

Bromochloromethane

Concen: 10.281 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.16 min

Lab File: VW013733.D

Acq: 25 Oct 2019 00:57

Instrument :
MSVOA_W
ClientSampleId :

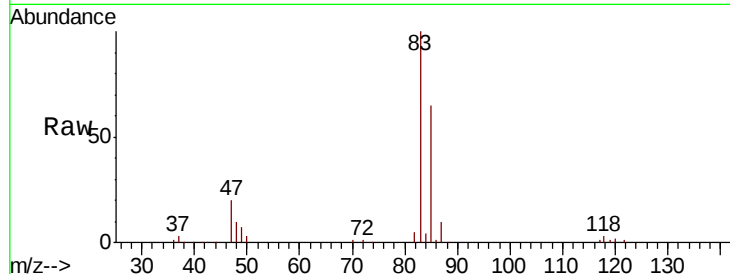
Tot Ion: 49 Resp: 12693

Ion Ratio Lower Upper

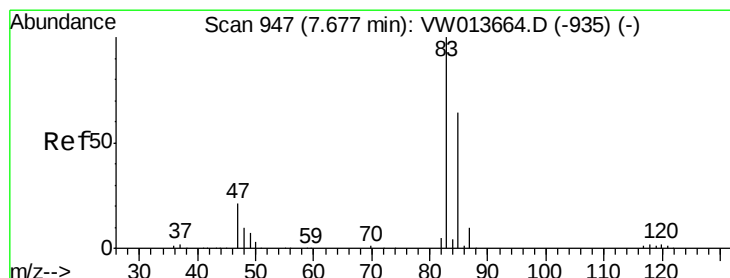
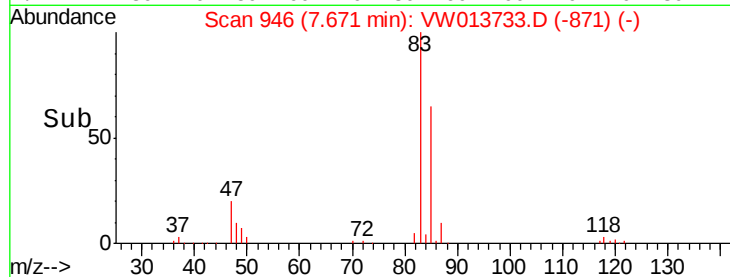
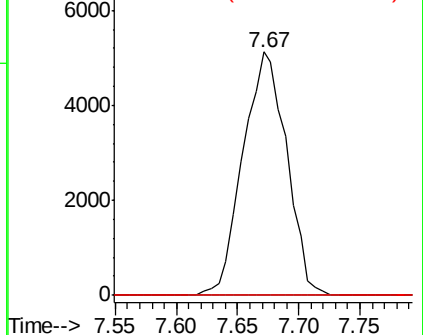
49 100

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



#30

Chloroform

Concen: 44.603 ug/l

RT: 7.67 min Scan# 946

Delta R.T. -0.01 min

Lab File: VW013733.D

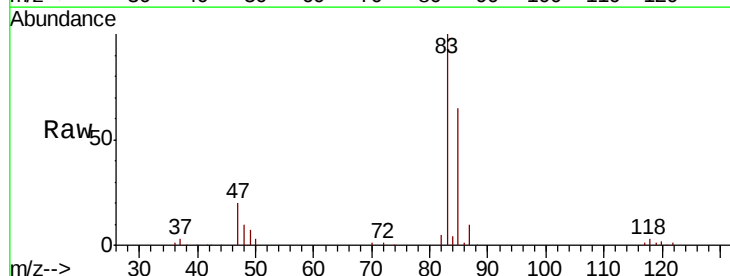
Acq: 25 Oct 2019 00:57

Tgt Ion: 83 Resp: 170993

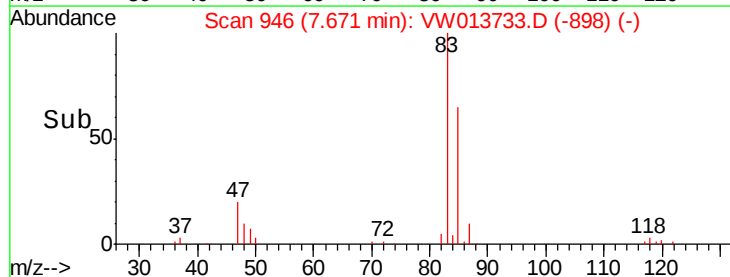
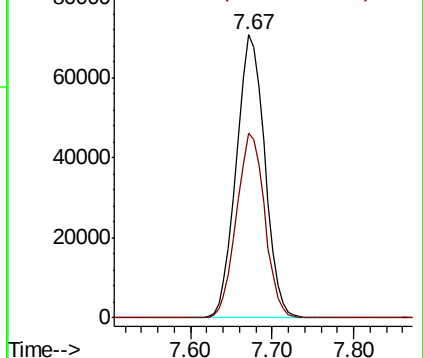
Ion Ratio Lower Upper

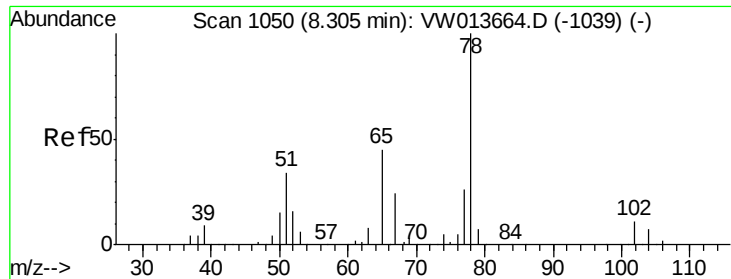
83 100

85 65.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

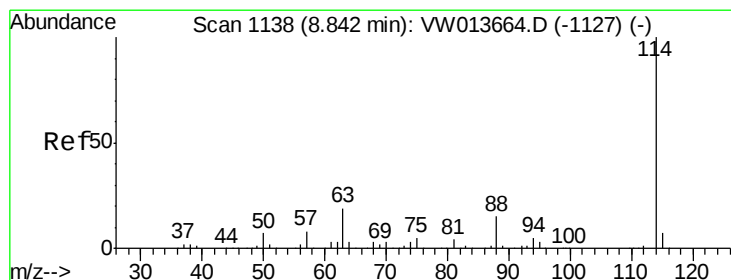
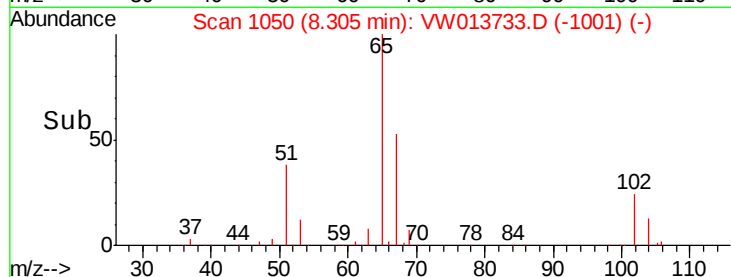
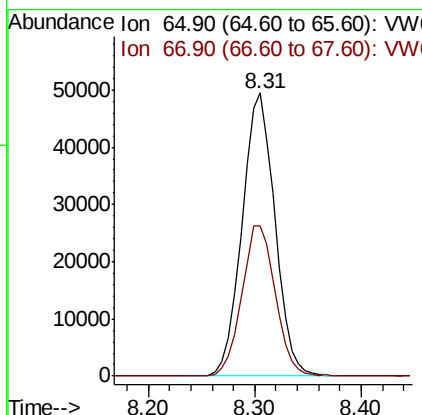
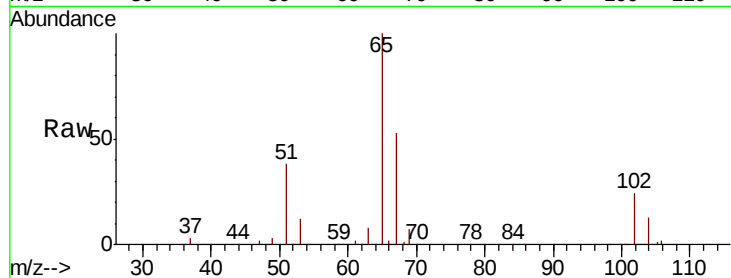




#33
 1,2-Dichloroethane-d4
 Concen: 58.778 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013733.D
 Acq: 25 Oct 2019 00:57

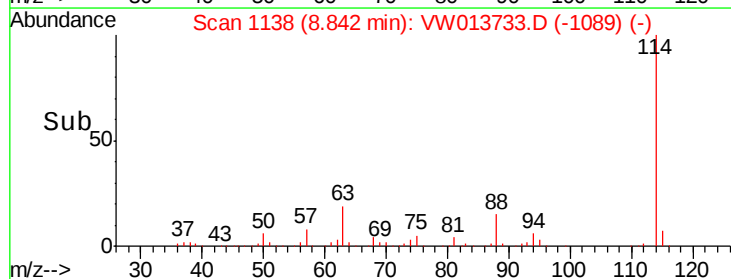
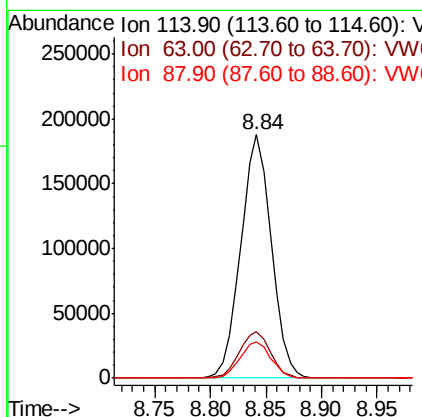
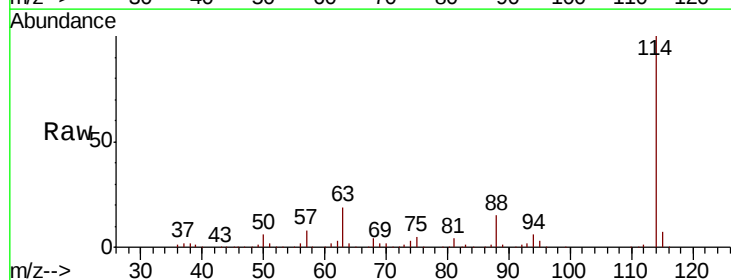
Instrument :
 MSVOA_W
 ClientSampleId :

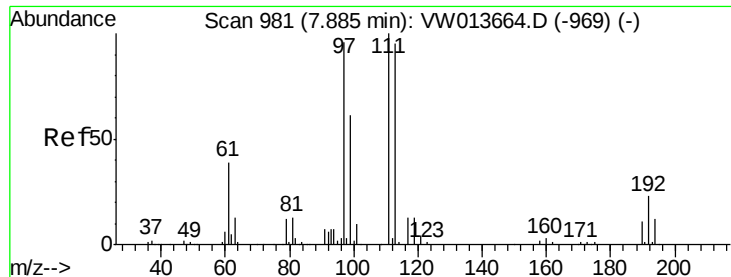
Tot Ion: 65 Resp: 107332
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013733.D
 Acq: 25 Oct 2019 00:57

Tgt Ion: 114 Resp: 358260
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.1 0.0 30.2

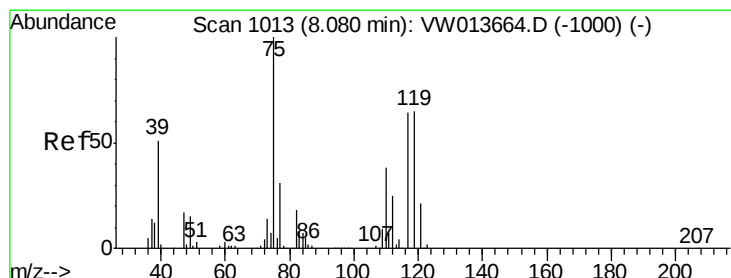
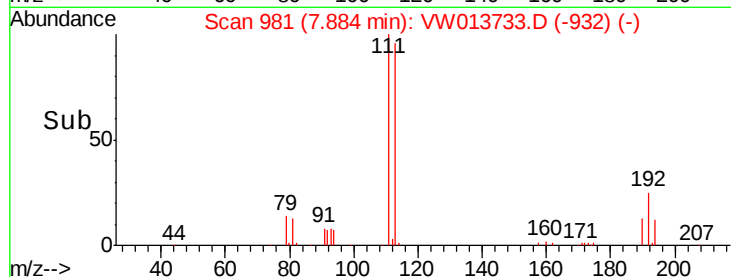
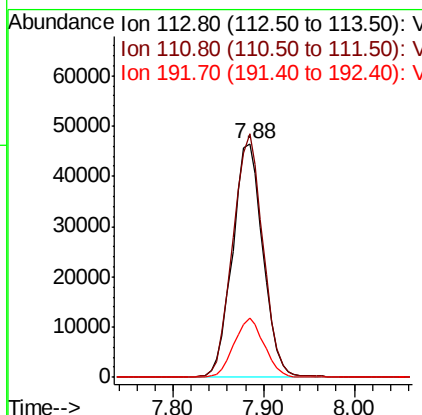
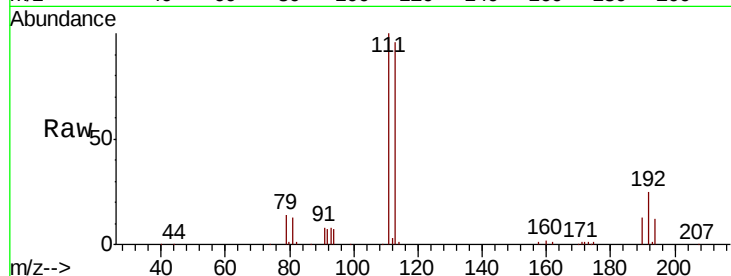




#35
 Dibromofluoromethane
 Concen: 54.482 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013733.D
 Acq: 25 Oct 2019 00:57

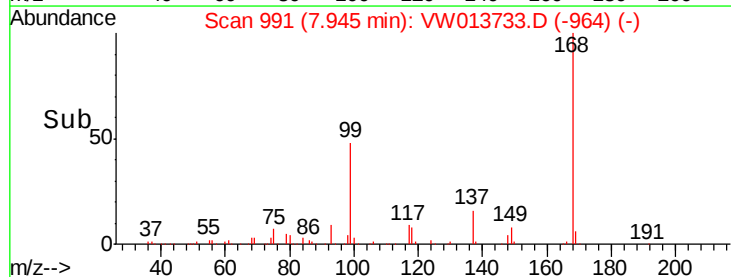
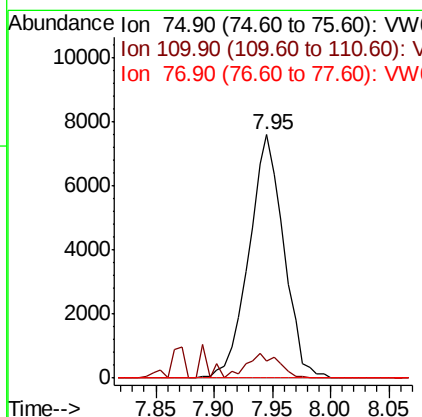
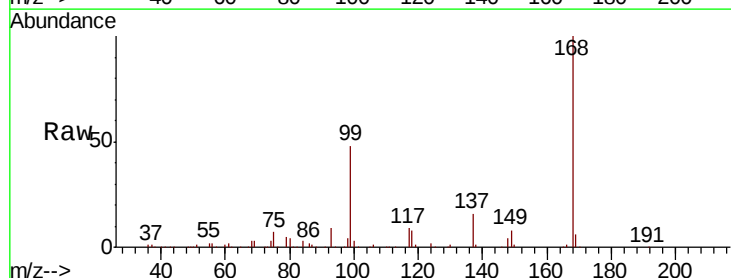
Instrument :
 MSVOA_W
 ClientSampleId :

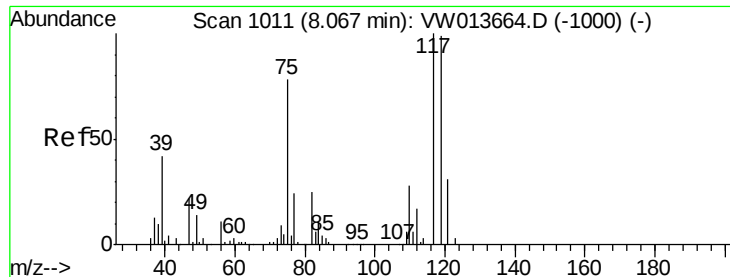
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	25.2	19.4	29.2



#36
 1,1-Dichloropropene
 Concen: 4.711 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013733.D
 Acq: 25 Oct 2019 00:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.7	56.1#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 7.041 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013733.D

Acq: 25 Oct 2019 00:57

Instrument :

MSVOA_W

ClientSampled :

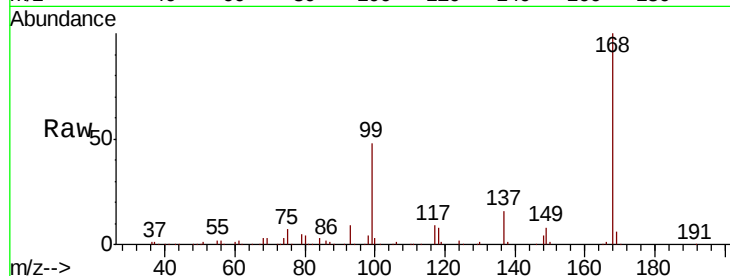
Tot Ion:117 Resp: 21154

Ion Ratio Lower Upper

117 100

119 5.8 79.0 118.4#

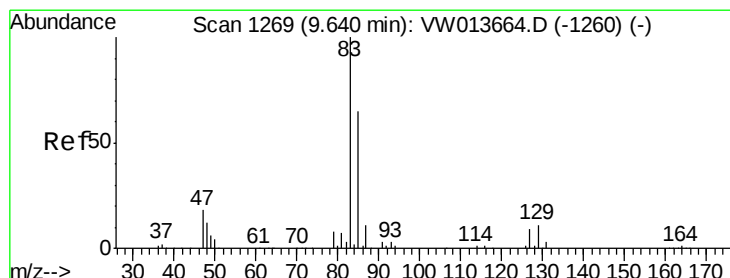
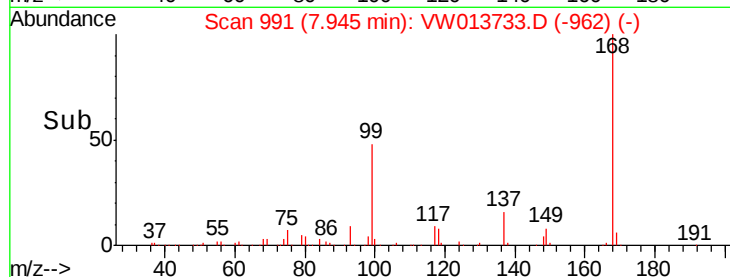
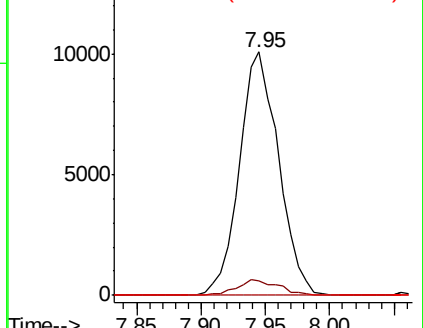
121 0.0 24.5 36.7#



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



#47

Bromodichloromethane

Concen: 4.818 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013733.D

Acq: 25 Oct 2019 00:57

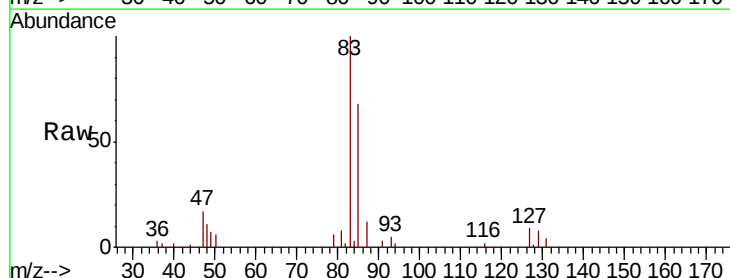
Tgt Ion: 83 Resp: 13647

Ion Ratio Lower Upper

83 100

85 68.1 51.8 77.6

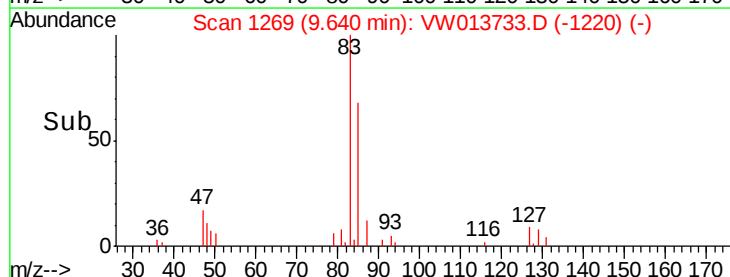
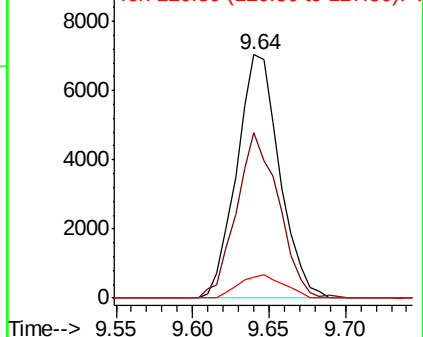
127 8.6 7.3 10.9

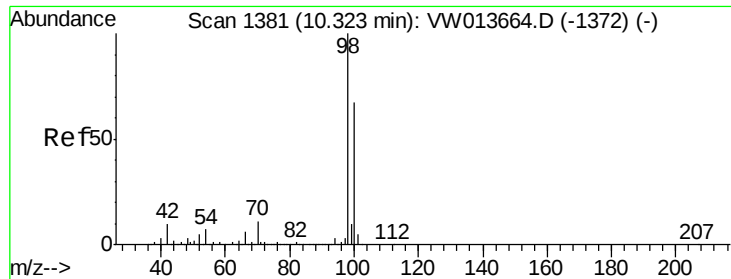


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 48.968 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013733.D

Acq: 25 Oct 2019 00:57

Instrument :

MSVOA_W

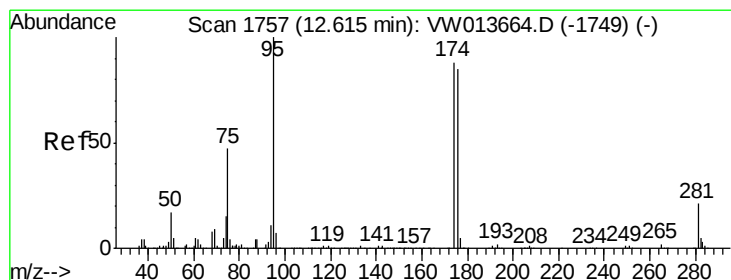
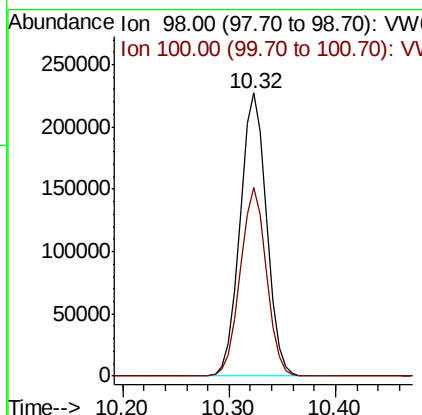
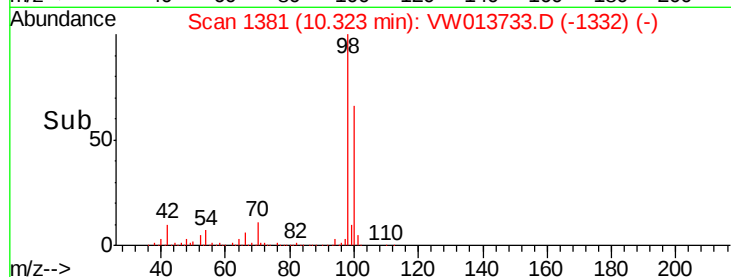
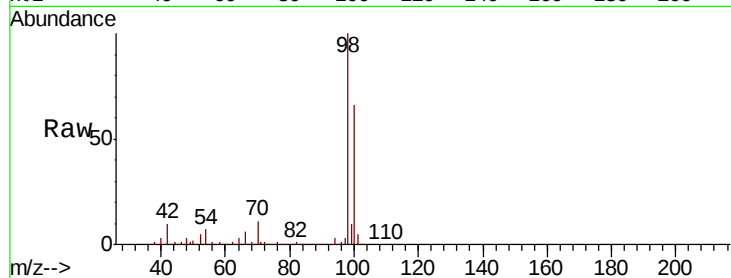
ClientSampleId :

Tot Ion: 98 Resp: 397210

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 36.549 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013733.D

Acq: 25 Oct 2019 00:57

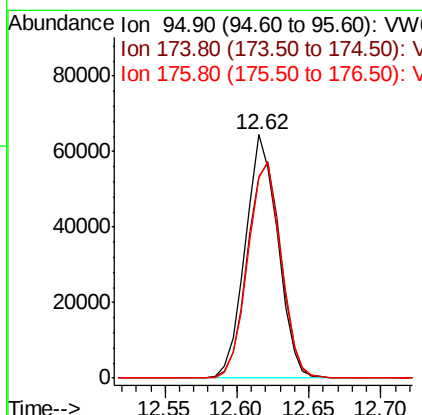
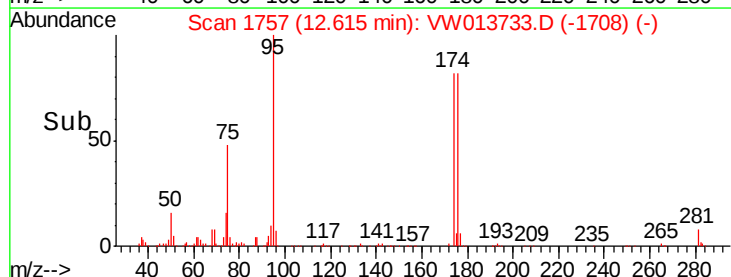
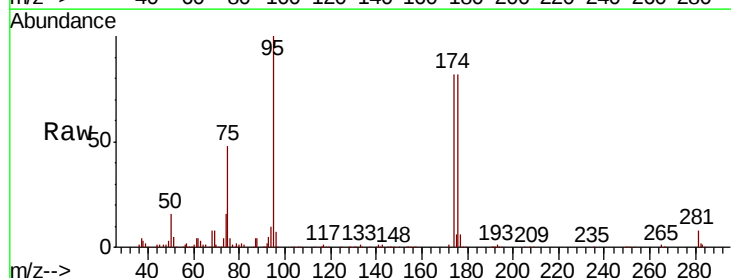
Tgt Ion: 95 Resp: 100386

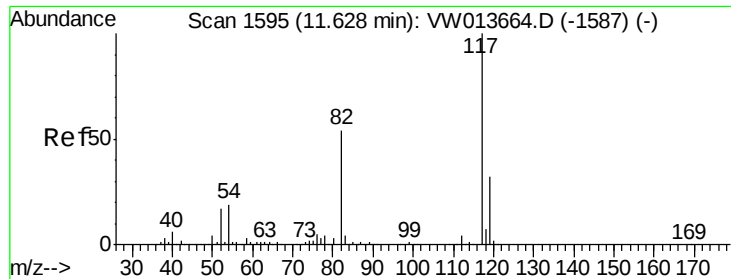
Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.6

176 90.5 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: VW013733.D

Acq: 25 Oct 2019 00:57

Instrument :

MSVOA_W

ClientSampleId :

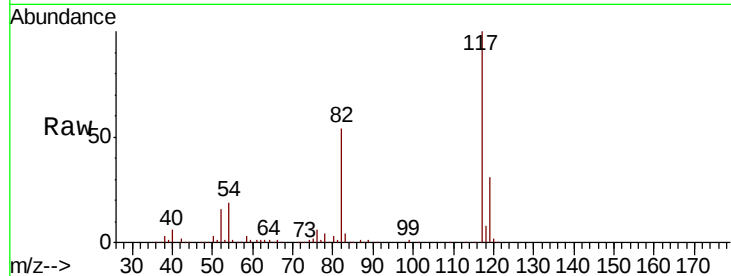
Tot Ion:117 Resp: 270075

Ion Ratio Lower Upper

117 100

82 53.8 43.6 65.4

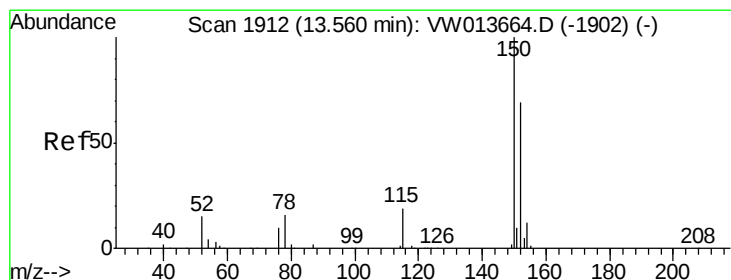
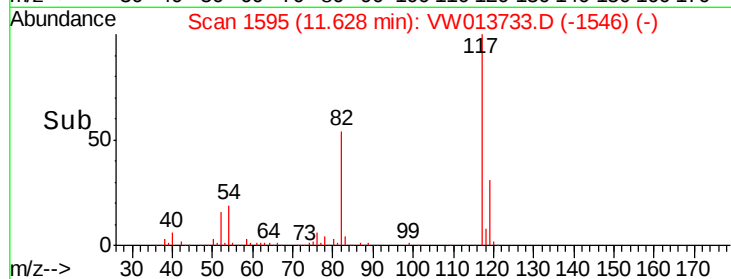
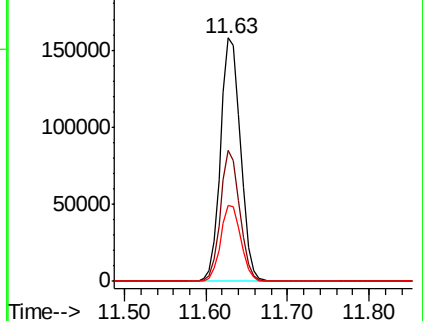
119 31.4 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013733.D

Acq: 25 Oct 2019 00:57

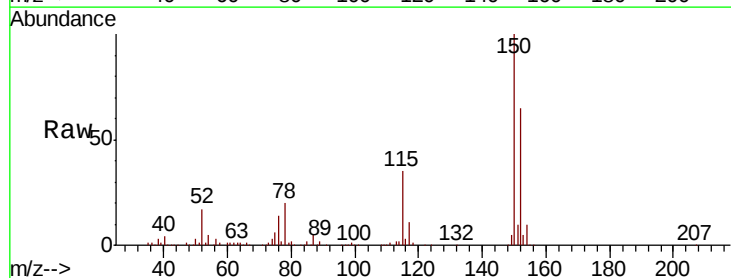
Tgt Ion:152 Resp: 93478

Ion Ratio Lower Upper

152 100

115 53.0 27.4 82.2

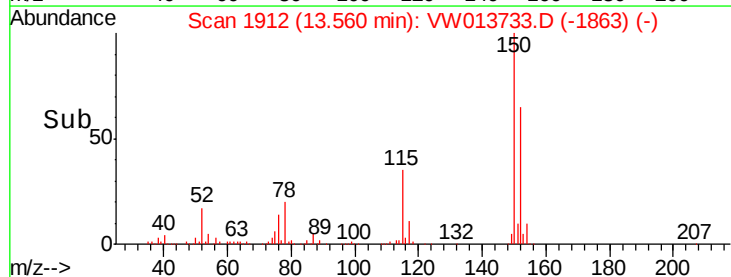
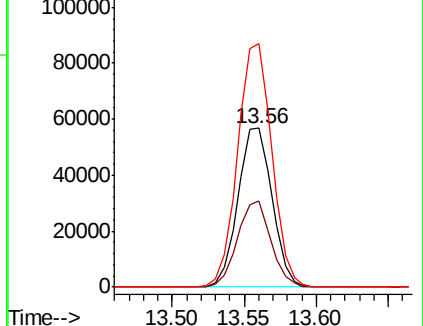
150 153.4 0.0 345.4

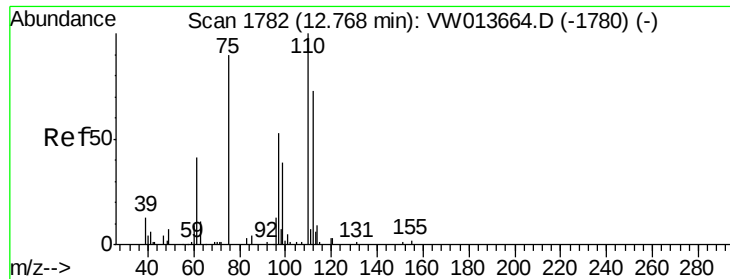


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



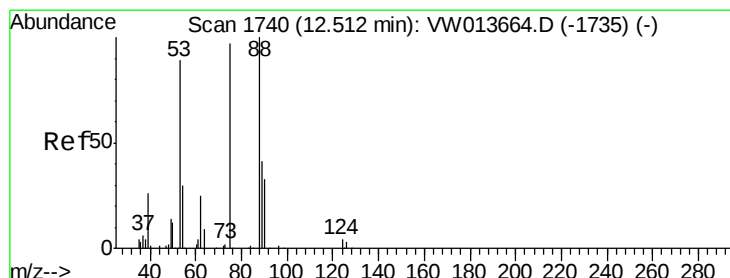
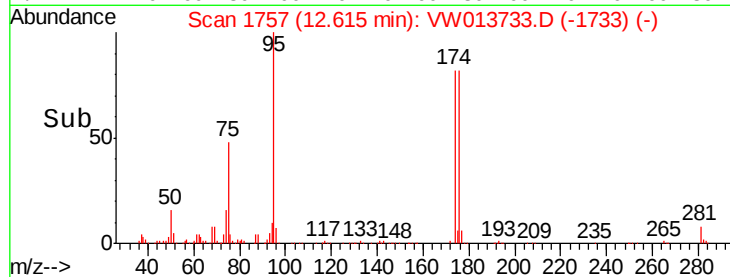
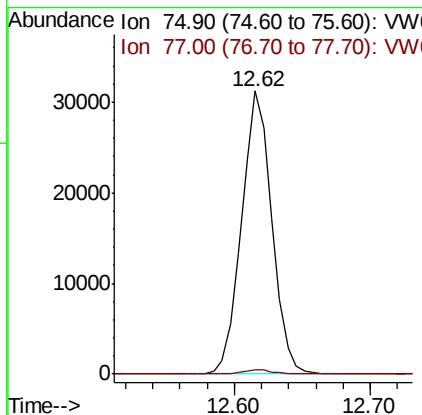
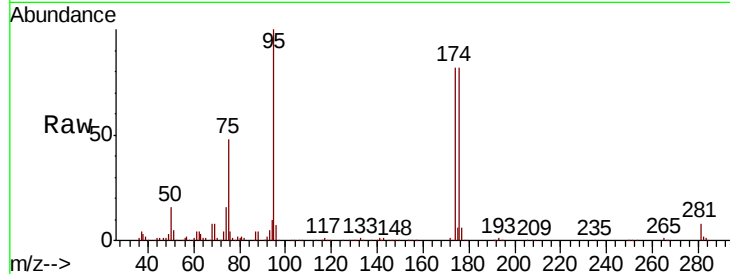


#76

1,2,3-Trichloropropane
Concen: 72.175 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013733.D
Acq: 25 Oct 2019 00:57

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 48451
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 136.400 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW013733.D
Acq: 25 Oct 2019 00:57

Tgt Ion: 75 Resp: 48451
Ion Ratio Lower Upper
75 100
53 0.0 71.7 107.5#
89 0.0 35.8 53.8#

