

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013699.D
 Acq On : 24 Oct 2019 06:35
 Operator : SY/VA
 Sample : K5503-04
 Misc : 4.50G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:33:23 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

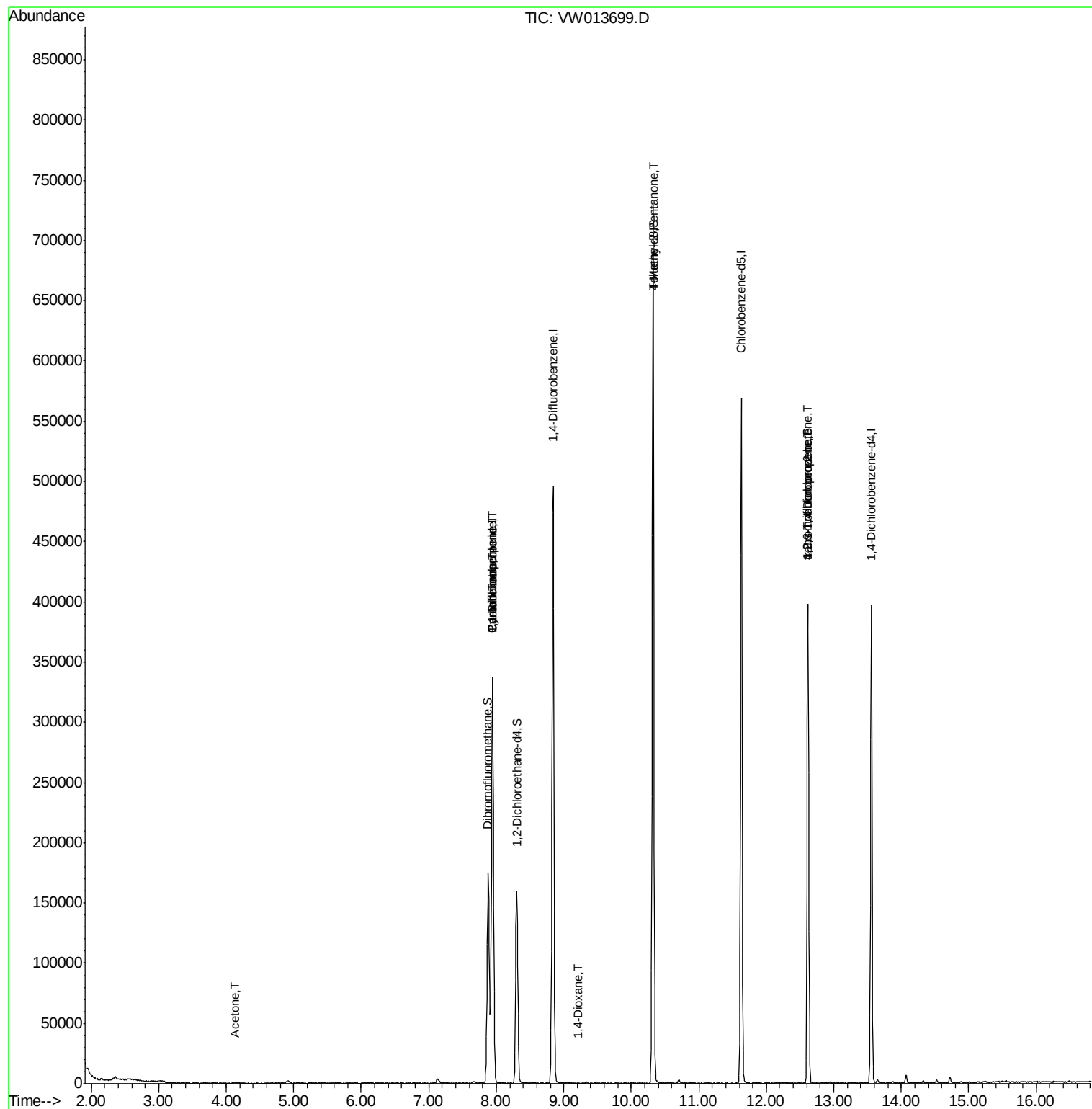
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125168	58.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.90%	
35) Dibromofluoromethane	7.88	113	129634	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	10.32	98	497094	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	131482	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	1173	2.605	ug/l #	87
20) Methylene Chloride	4.90	84	869	Below Cal	#	63
31) Cyclohexane	7.95	56	4821	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17720	4.325	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24705	6.696	ug/l #	15
49) 1,4-Dioxane	9.21	88	36	1.812	ug/l #	13
51) 4-Methyl-2-Pentanone	10.32	43	2032	1.362	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61148	72.848	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61148	137.673	ug/l #	14

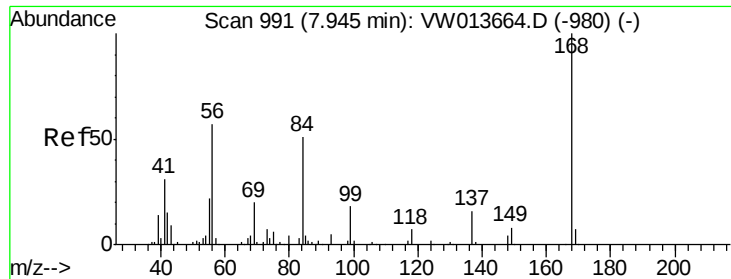
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

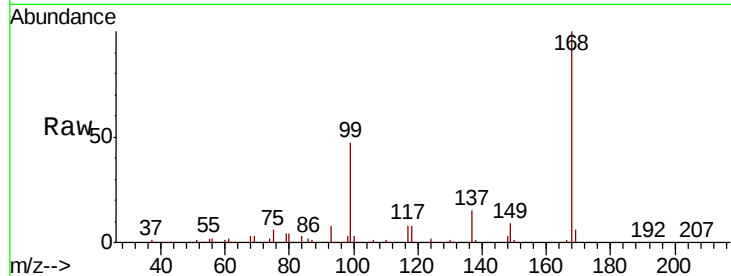
ClientSampled :

Tot Ion:168 Resp: 283066

Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW013664.D (-980) (-)

Ion 98.90 (98.60 to 99.60): VW013699.D (-942) (-)

7.95

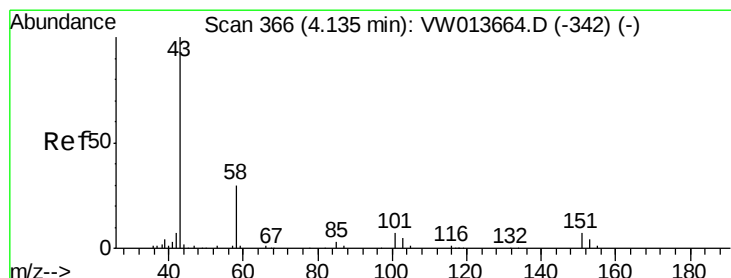
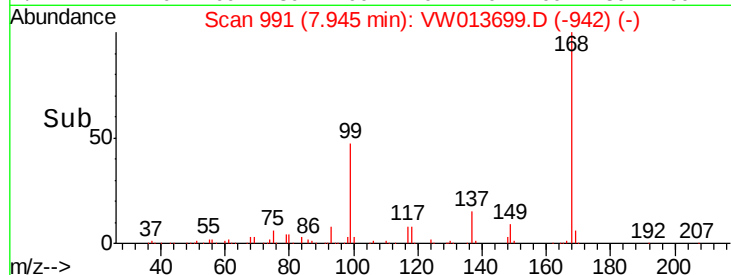
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.605 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013699.D

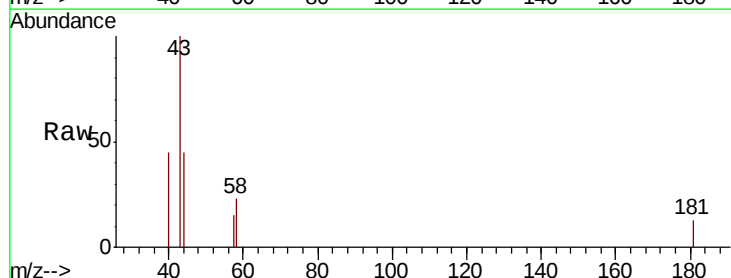
Acq: 24 Oct 2019 06:35

Tgt Ion: 43 Resp: 1173

Ion Ratio Lower Upper

43 100

58 23.2 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW013664.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VW013699.D (-317) (-)

4.12

400

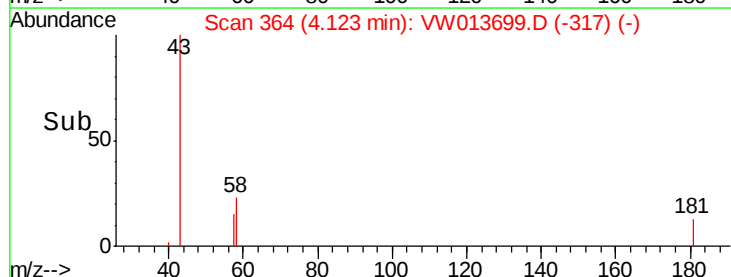
300

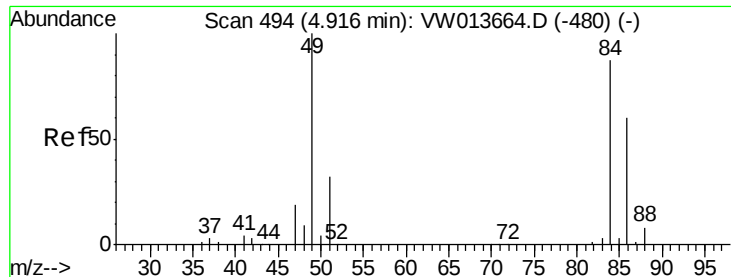
200

100

0

Time--> 4.05 4.10 4.15 4.20

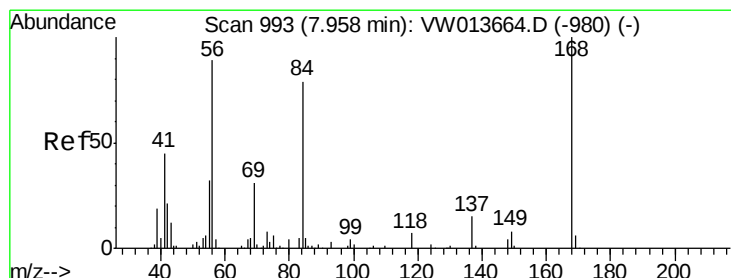
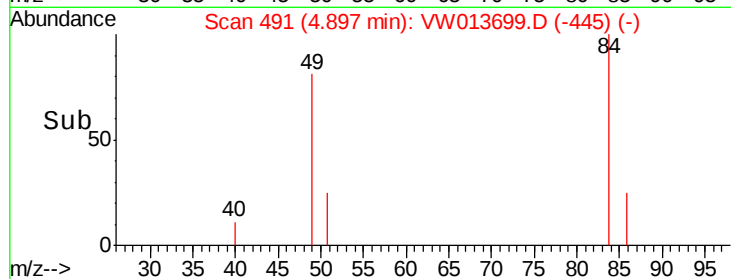
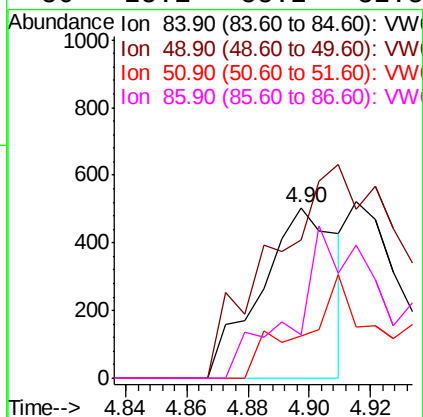
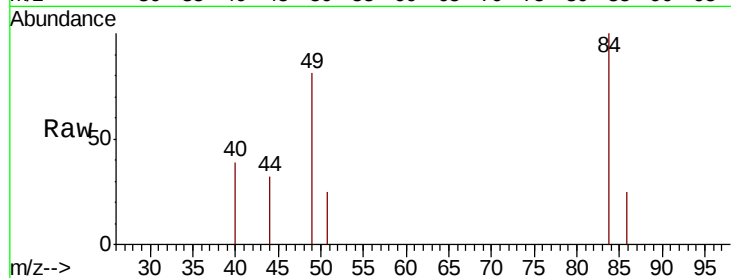




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

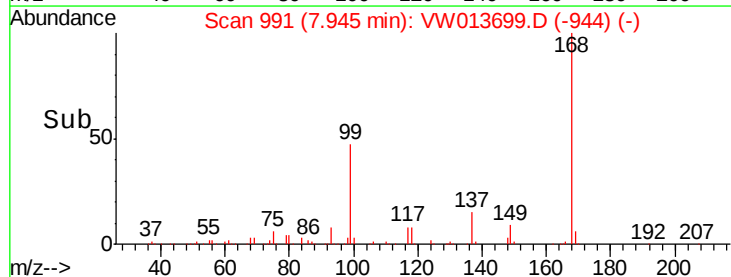
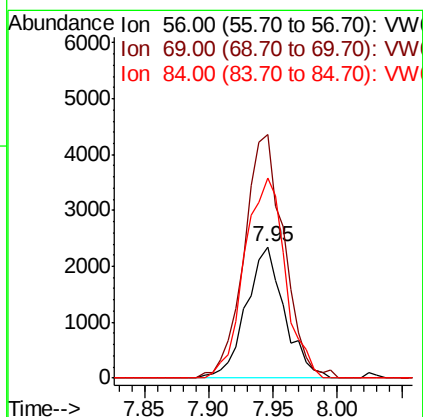
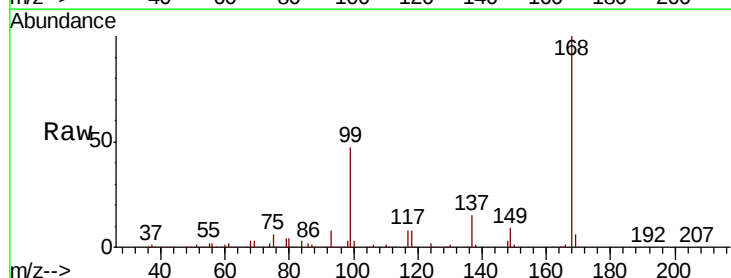
Instrument :
MSVOA_W
ClientSampled :

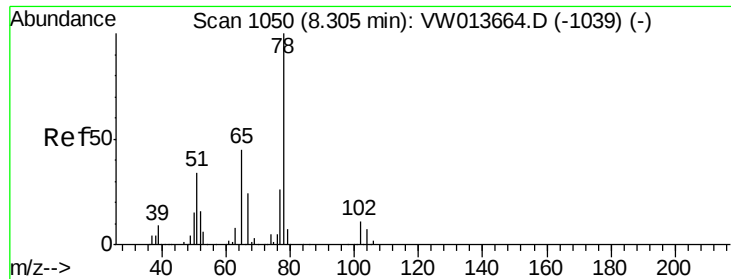
Tot Ion: 84 Resp: 869
Ion Ratio Lower Upper
84 100
49 81.0 91.8 137.6#
51 24.6 29.8 44.6#
86 25.1 55.2 82.8#



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

Tgt Ion: 56 Resp: 4821
Ion Ratio Lower Upper
56 100
69 185.1 27.5 41.3#
84 152.1 70.8 106.2#





#33

1,2-Dichloroethane-d4

Concen: 58.945 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

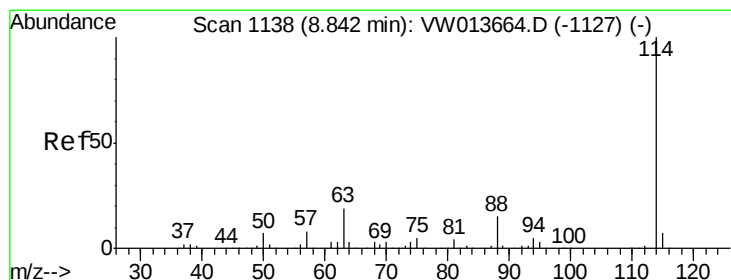
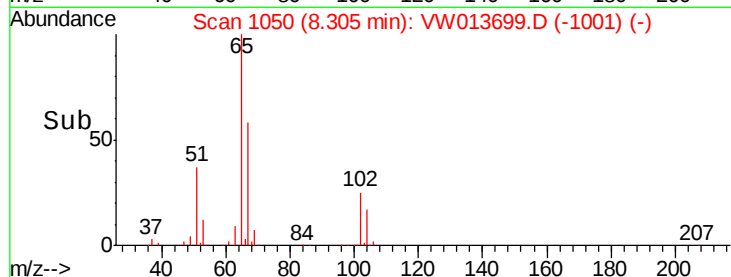
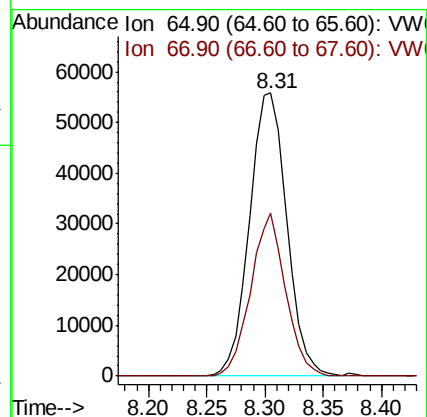
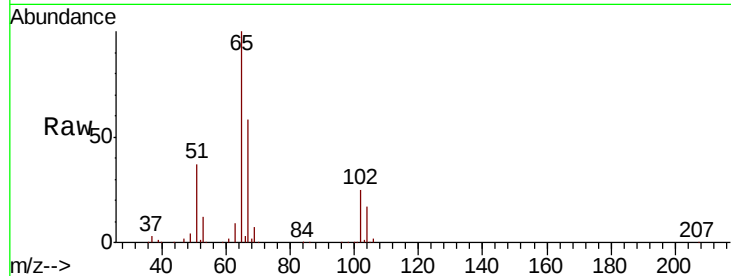
ClientSampleId :

Tot Ion: 65 Resp: 125168

Ion Ratio Lower Upper

65 100

67 53.6 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: VW013699.D

Acq: 24 Oct 2019 06:35

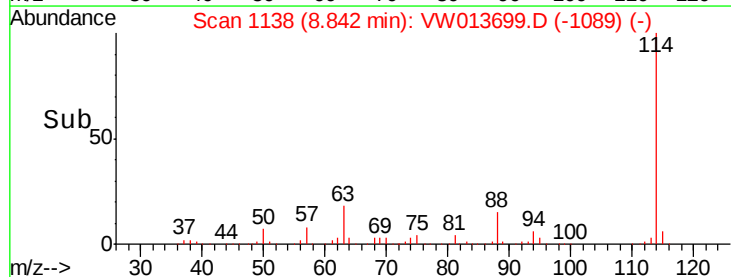
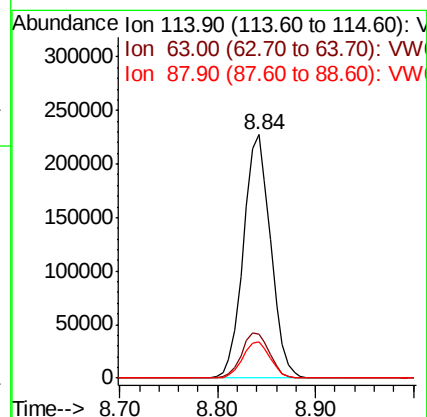
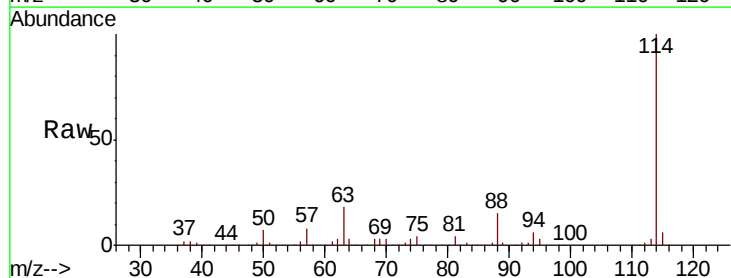
Tgt Ion: 114 Resp: 439941

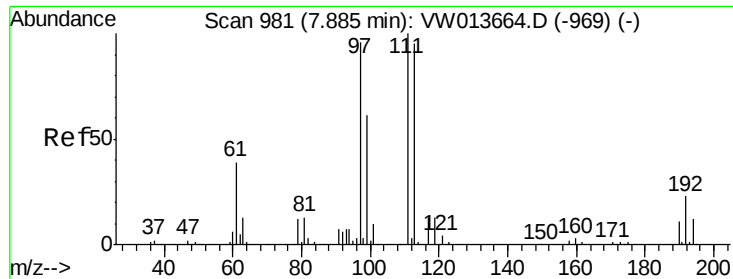
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.6

88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.030 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :
MSVOA_W
ClientSampleId :

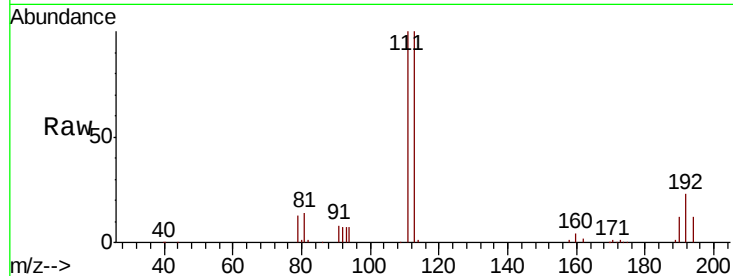
Tot Ion:113 Resp: 129634

Ion Ratio Lower Upper

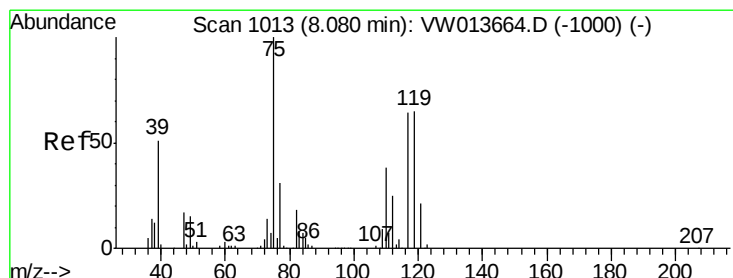
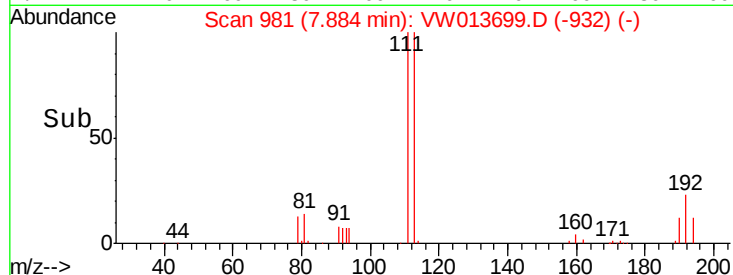
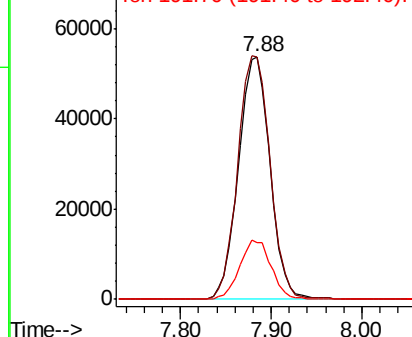
113 100

111 103.0 83.0 124.6

192 24.4 19.4 29.2



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: 4.325 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

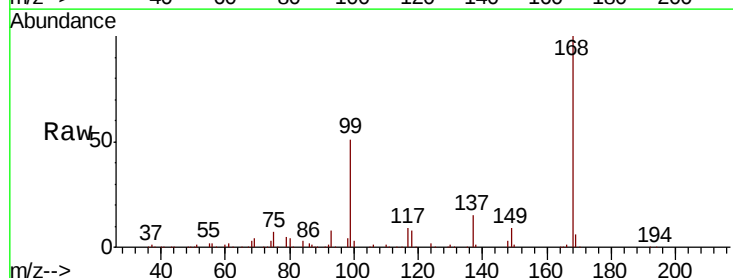
Tgt Ion: 75 Resp: 17720

Ion Ratio Lower Upper

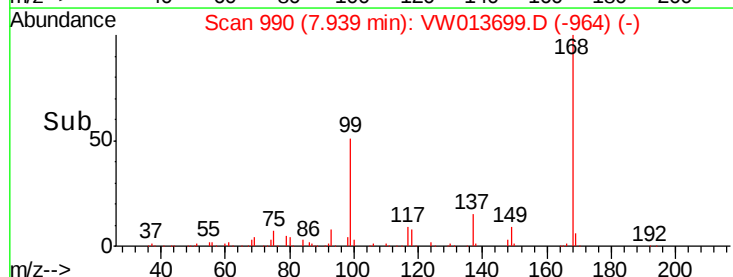
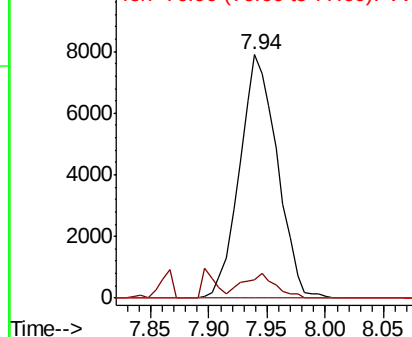
75 100

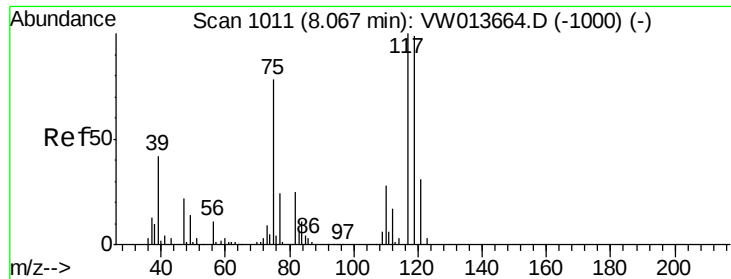
110 8.9 18.7 56.1#

77 0.0 25.4 38.0#



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: 6.696 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

ClientSampleId :

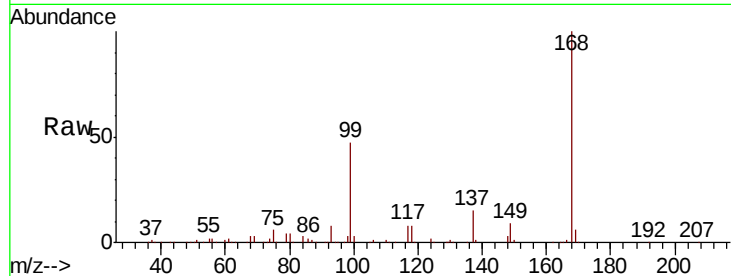
Tot Ion:117 Resp: 24705

Ion Ratio Lower Upper

117 100

119 5.0 79.0 118.4#

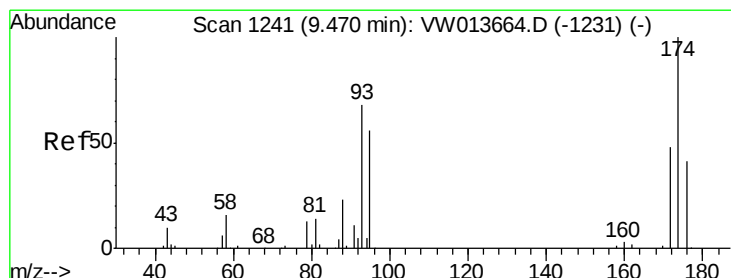
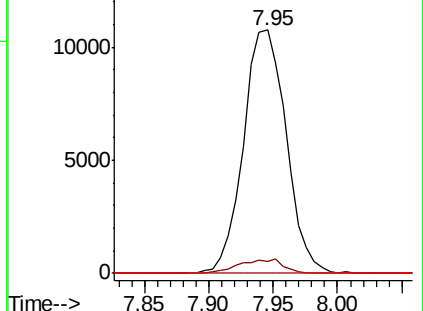
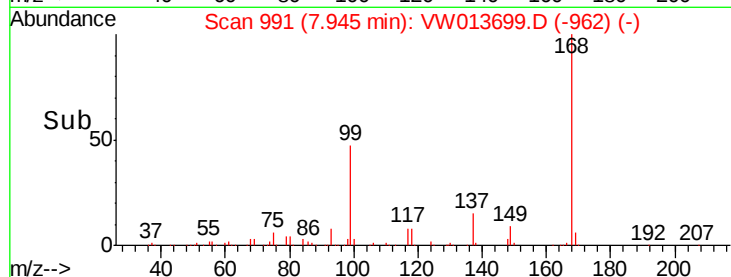
121 0.0 24.5 36.7#



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



#49

1,4-Dioxane

Concen: 1.812 ug/l

RT: 9.21 min Scan# 1199

Delta R.T. -0.26 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

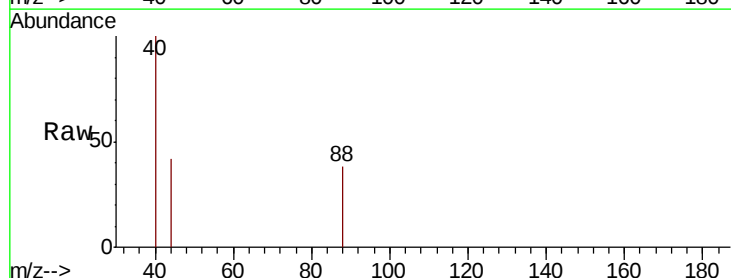
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

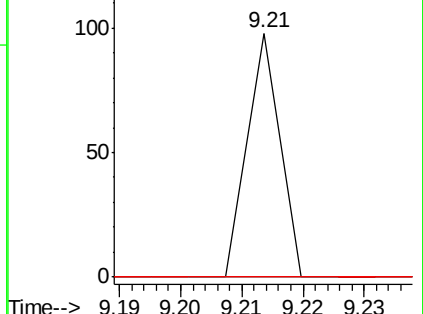
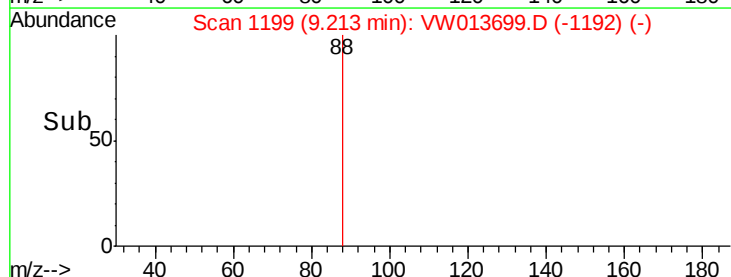
58 0.0 58.9 88.3#

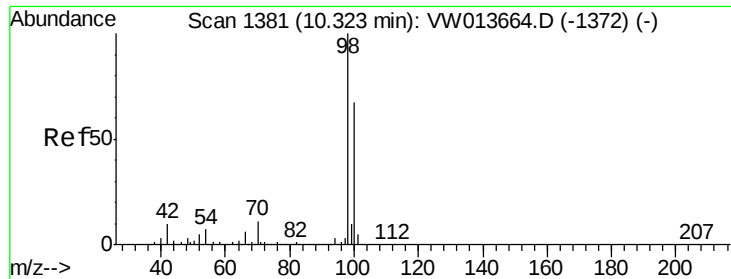


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.904 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

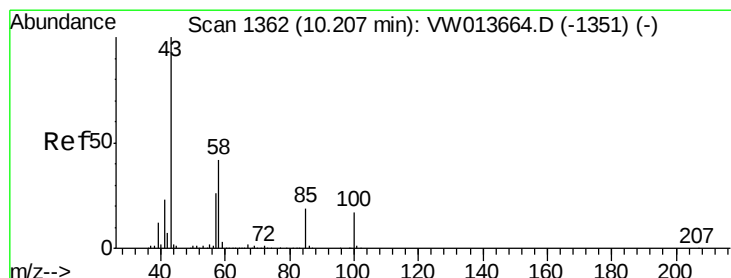
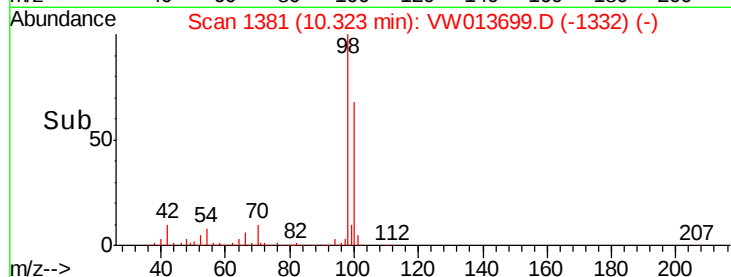
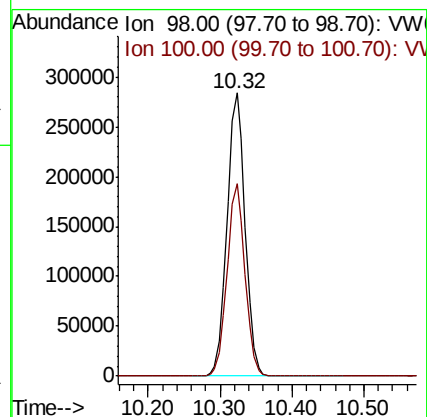
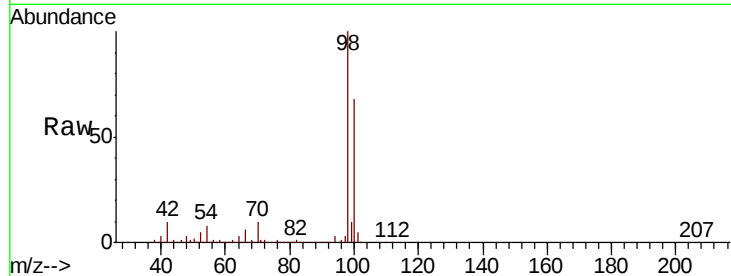
ClientSampleId :

Tot Ion: 98 Resp: 497094

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0



#51

4-Methyl-2-Pentanone

Concen: 1.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013699.D

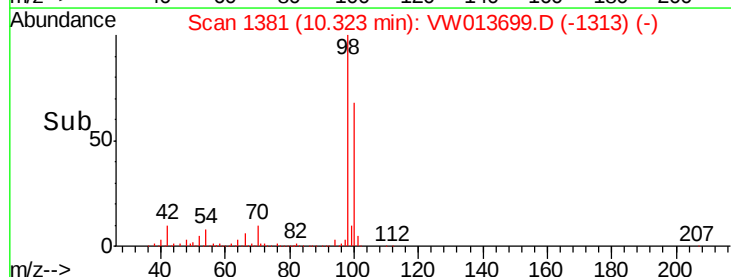
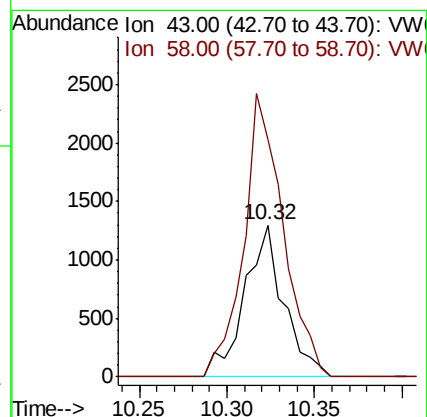
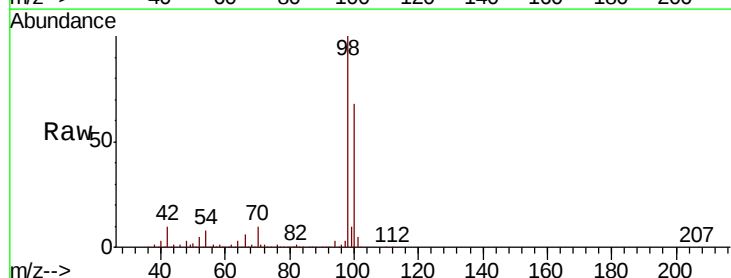
Acq: 24 Oct 2019 06:35

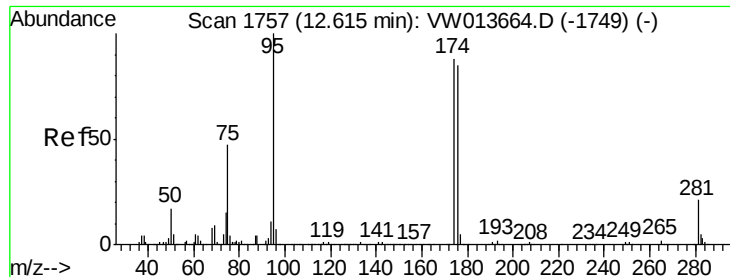
Tgt Ion: 43 Resp: 2032

Ion Ratio Lower Upper

43 100

58 186.8 32.6 49.0#

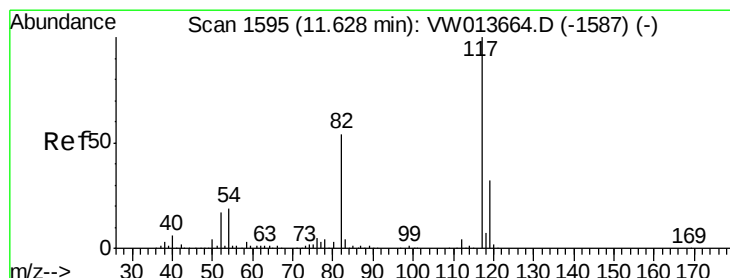
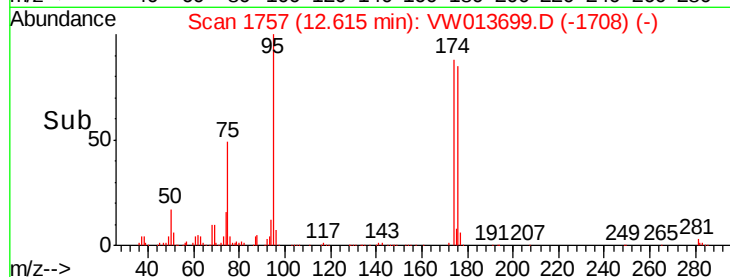
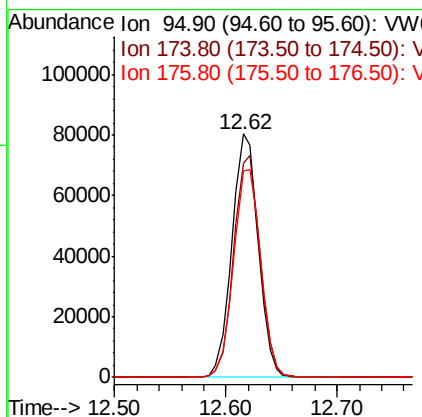
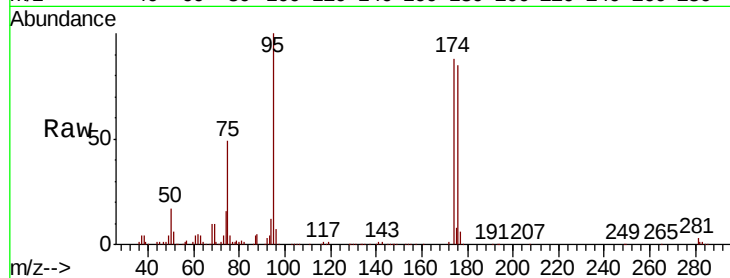




#62
4-Bromofluorobenzene
Concen: 38.983 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

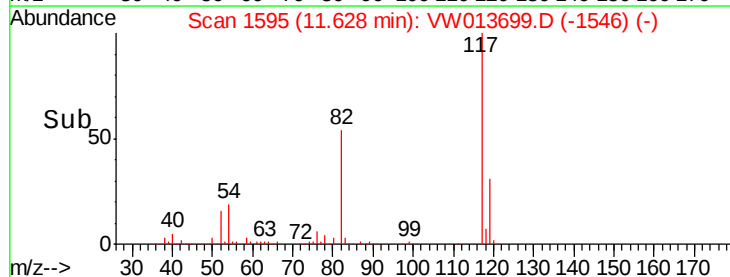
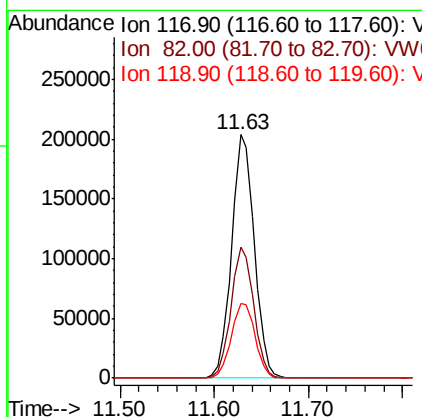
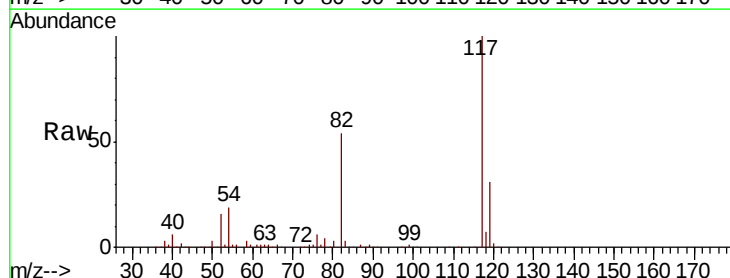
Instrument :
MSVOA_W
ClientSampled :

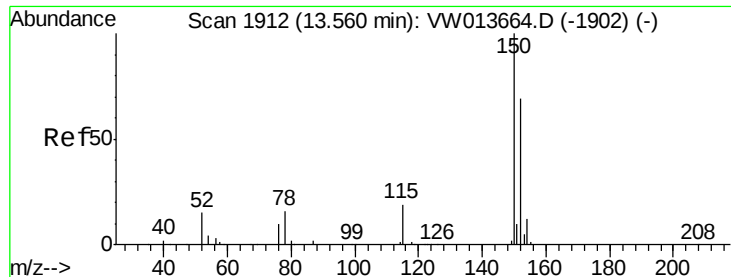
Tot Ion: 95 Resp: 131482
Ion Ratio Lower Upper
95 100
174 91.3 0.0 183.6
176 88.2 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

Tgt Ion: 117 Resp: 339989
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 30.8 25.4 38.2



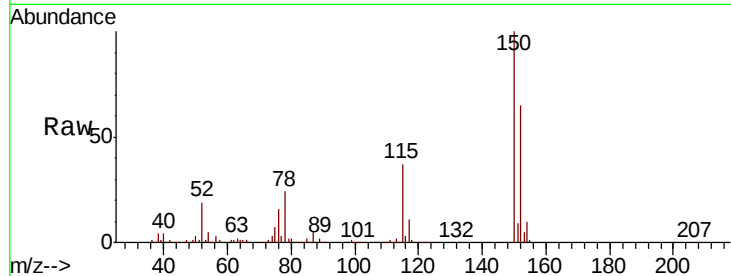


#72

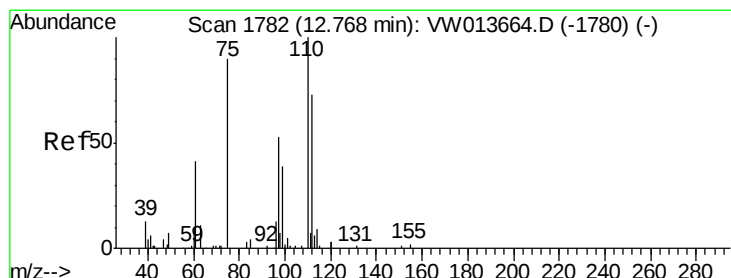
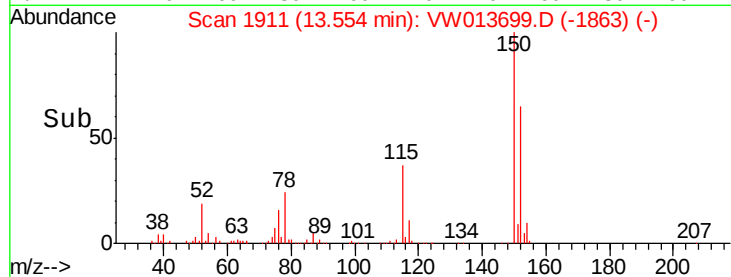
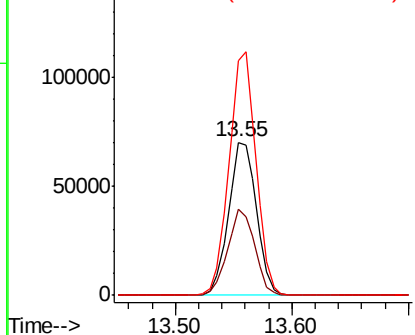
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:152 Resp: 116884
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 153.9 0.0 345.4



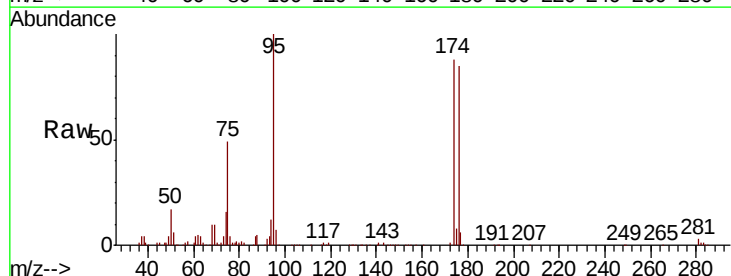
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



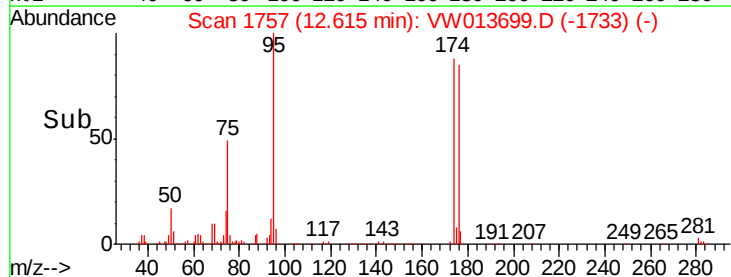
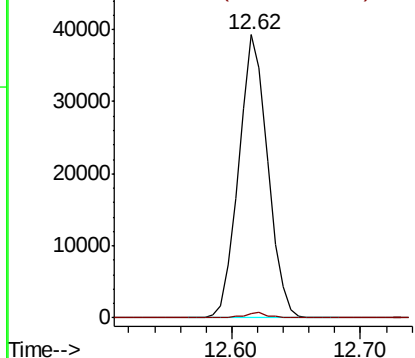
#76

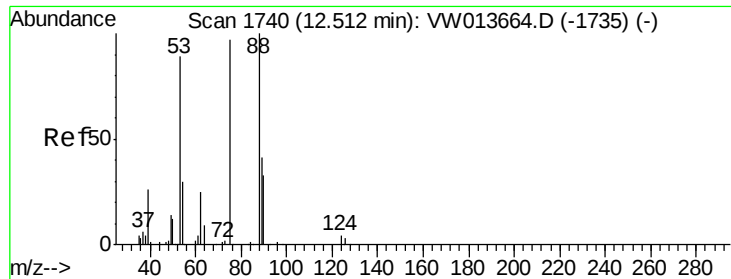
1,2,3-Trichloropropane
Concen: 72.848 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013699.D
Acq: 24 Oct 2019 06:35

Tgt Ion: 75 Resp: 61148
Ion Ratio Lower Upper
75 100
77 1.5 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: 137.673 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013699.D

Acq: 24 Oct 2019 06:35

Instrument :

MSVOA_W

ClientSampleId :

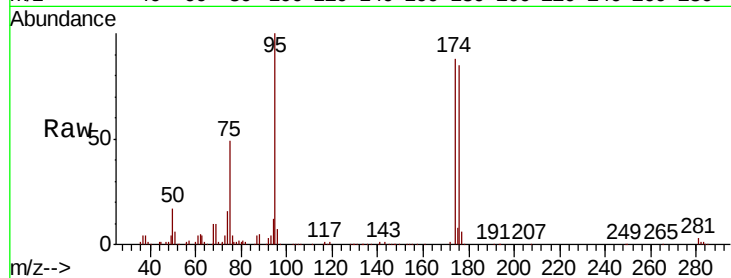
Tot Ion: 75 Resp: 61148

Ion Ratio Lower Upper

75 100

53 0.1 71.7 107.5#

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

