

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006749.D
 Acq On : 07 Nov 2018 20:51
 Operator : SY/AP
 Sample : J5750-02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:50:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

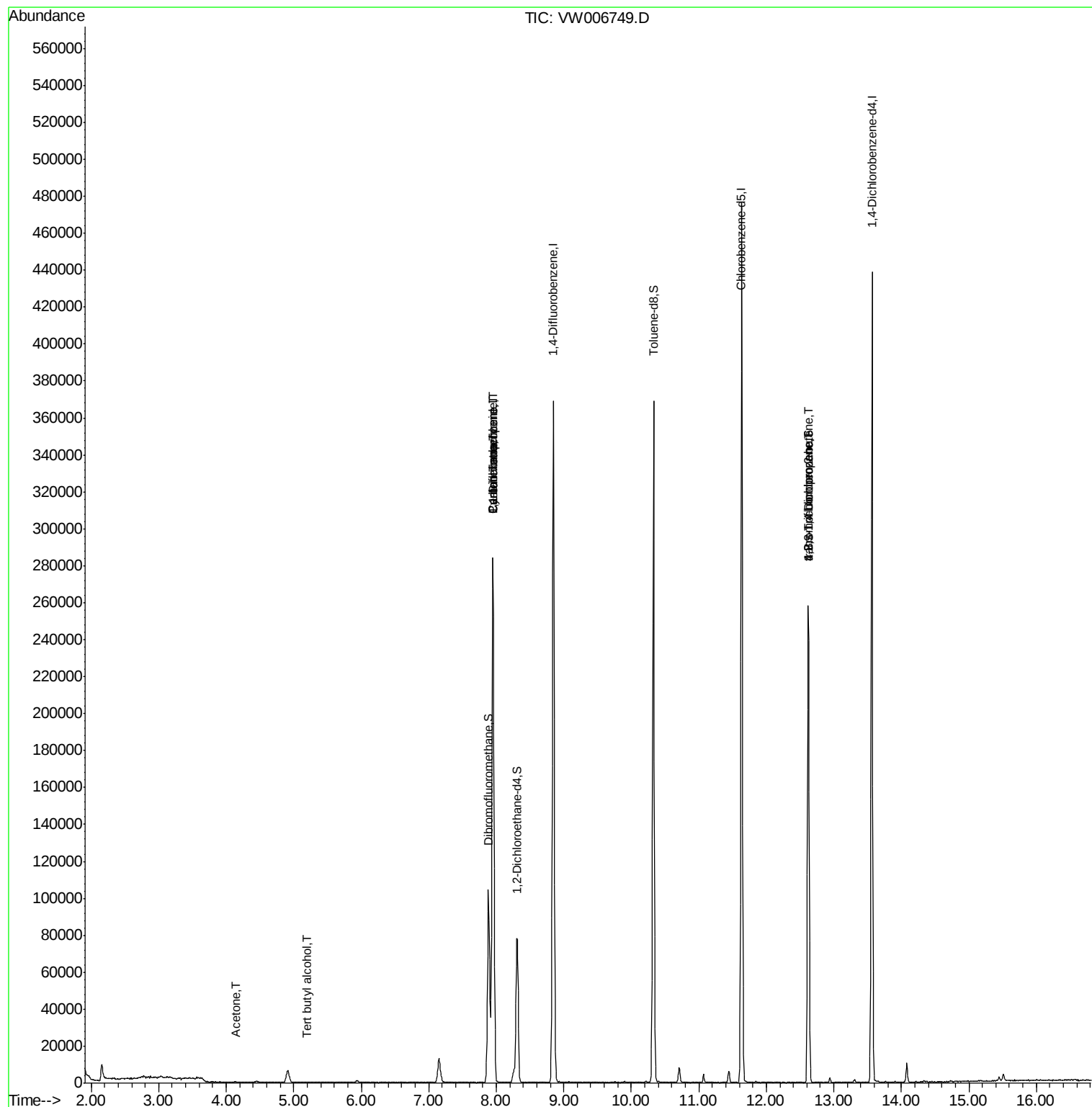
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64491	32.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.30%	
35) Dibromofluoromethane	7.88	113	74556	35.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.36%	
50) Toluene-d8	10.33	98	251733	31.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.30%	
62) 4-Bromofluorobenzene	12.62	95	76149	26.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	128	1.184	ug/l #	84
16) Acetone	4.14	43	668	2.063	ug/l #	83
20) Methylene Chloride	4.92	84	5465	Below Cal		89
31) Cyclohexane	7.95	56	4077	1.276	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13829	4.723	ug/l #	48
38) Carbon Tetrachloride	7.95	117	19694	6.437	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	36253	37.495	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	36253	94.595	ug/l #	11

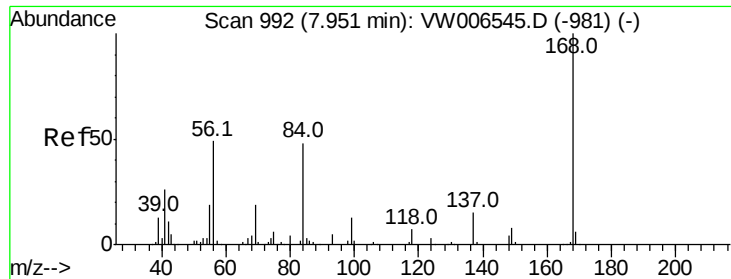
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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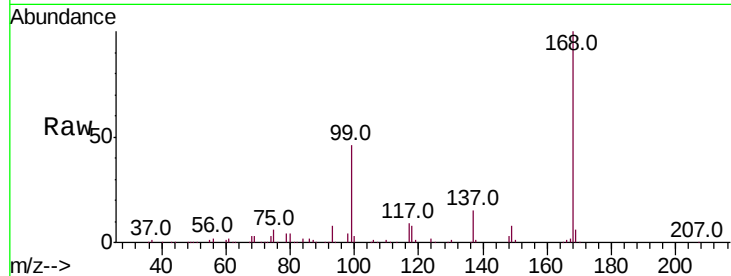


#1

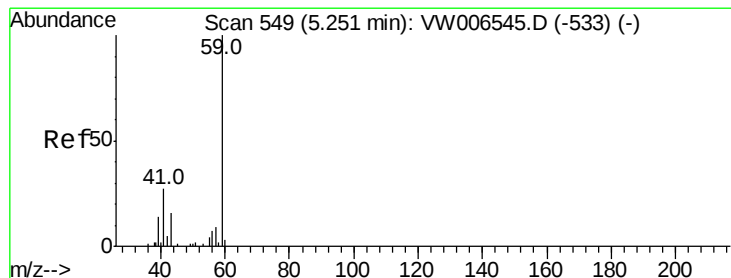
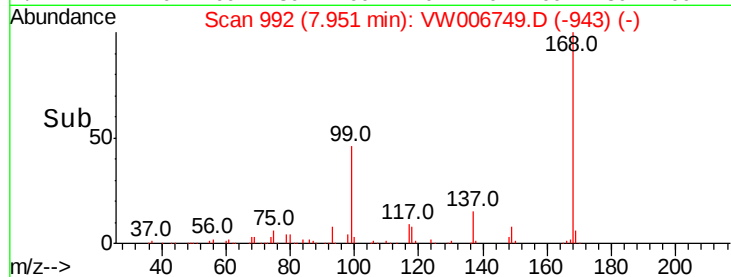
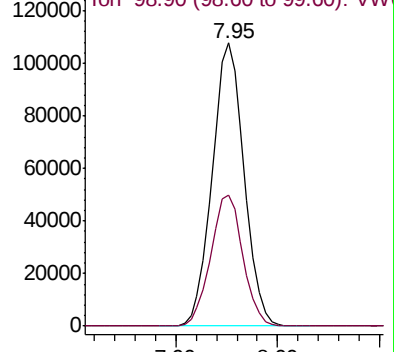
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006749.D
 Acq: 07 Nov 2018 20:51

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 233363
 Ion Ratio Lower Upper
 168 100
 99 46.2 37.4 56.0



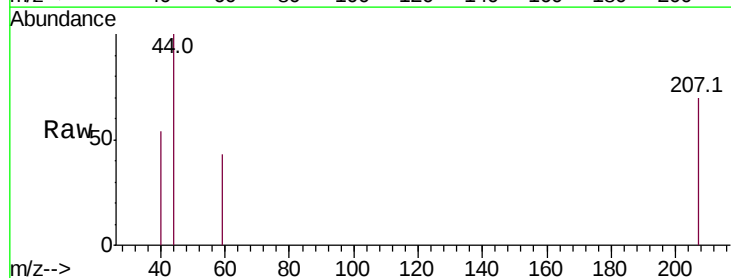
Abundance Ion 167.90 (167.60 to 168.60): V



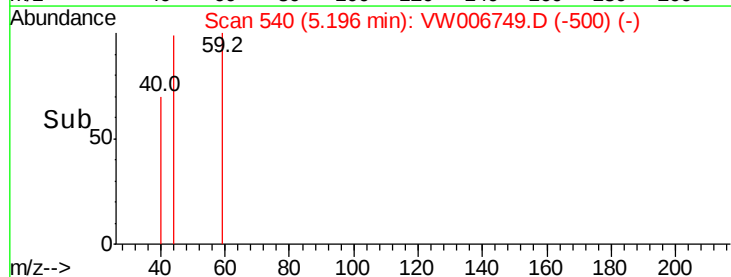
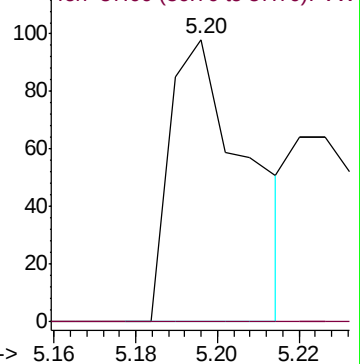
#11

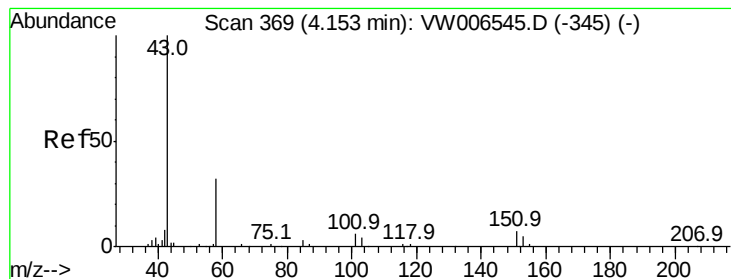
Tert butyl alcohol
 Concen: 1.184 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. -0.05 min
 Lab File: VW006749.D
 Acq: 07 Nov 2018 20:51

Tgt Ion: 59 Resp: 128
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW





#16

Acetone

Concen: 2.063 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Instrument :

MSVOA_W

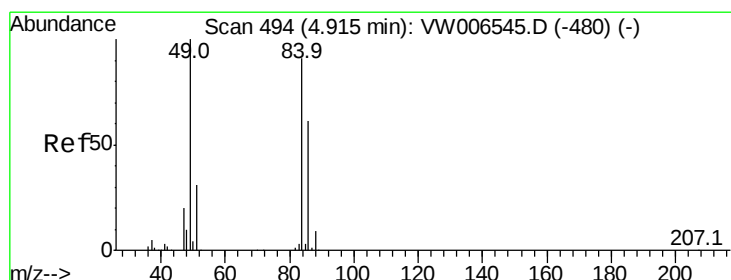
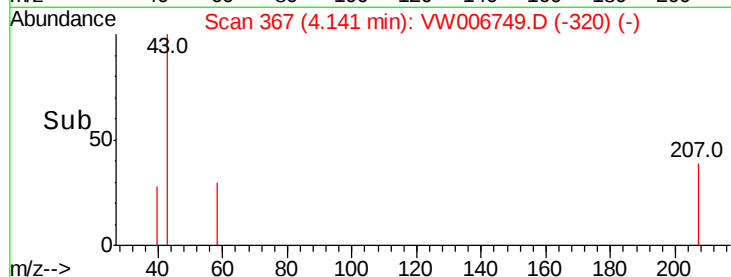
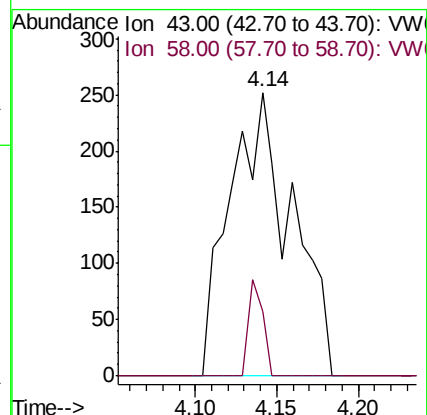
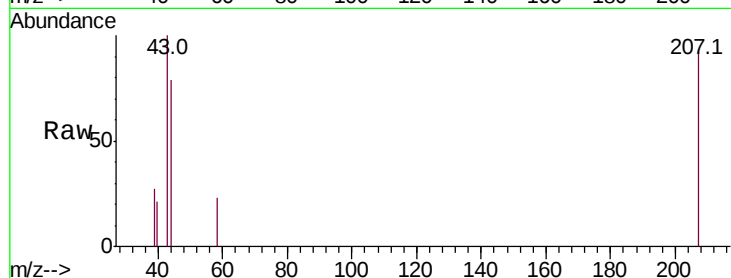
ClientSampleId :

Tot Ion: 43 Resp: 668

Ion Ratio Lower Upper

43 100

58 22.6 25.8 38.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Tgt Ion: 84 Resp: 5465

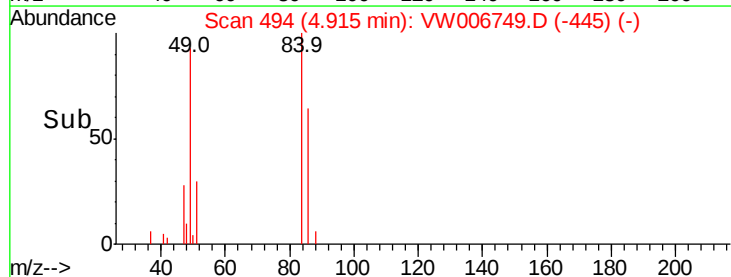
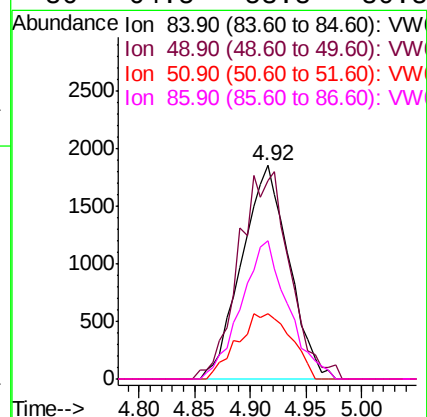
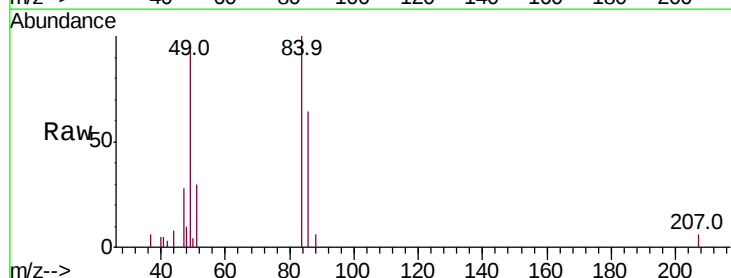
Ion Ratio Lower Upper

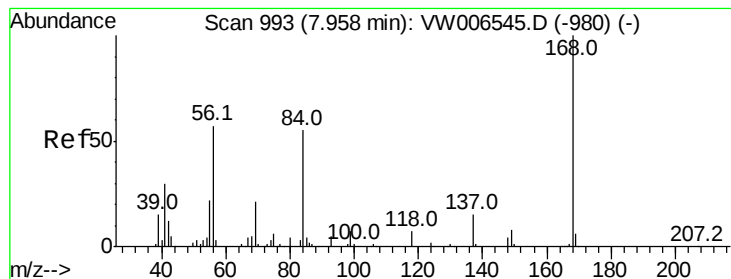
84 100

49 93.1 88.2 132.4

51 30.4 27.0 40.6

86 64.5 53.8 80.8





#31

Cyclohexane

Concen: 1.276 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampled :

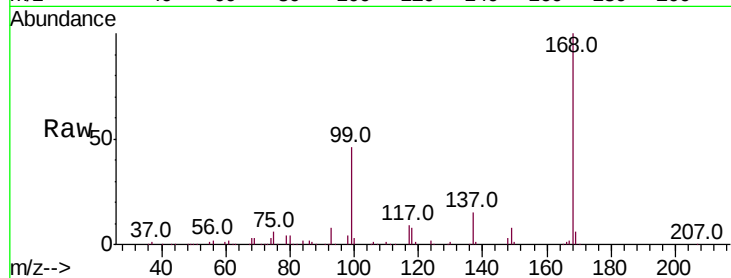
Tot Ion: 56 Resp: 4077

Ion Ratio Lower Upper

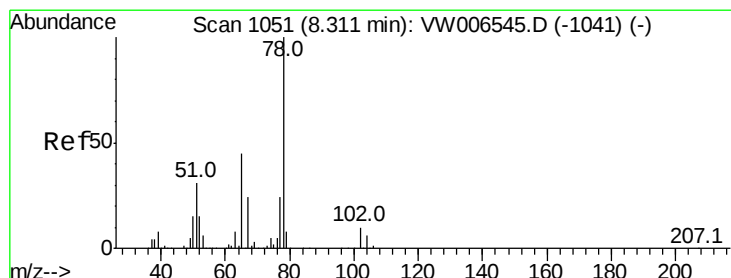
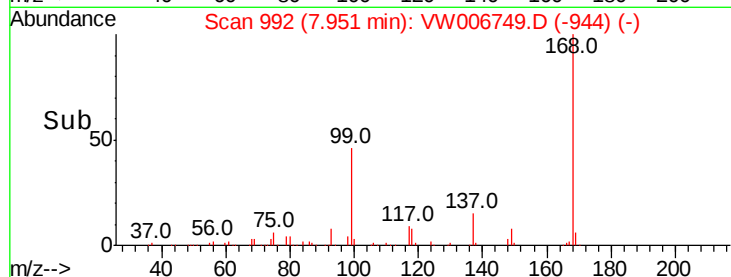
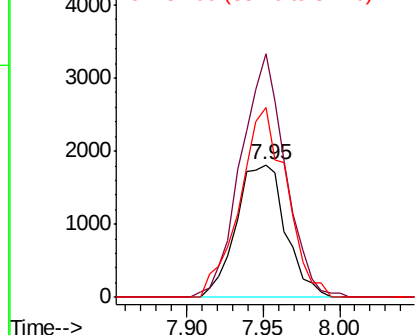
56 100

69 183.9 29.0 43.4#

84 143.6 77.8 116.6#



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: 32.149 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006749.D

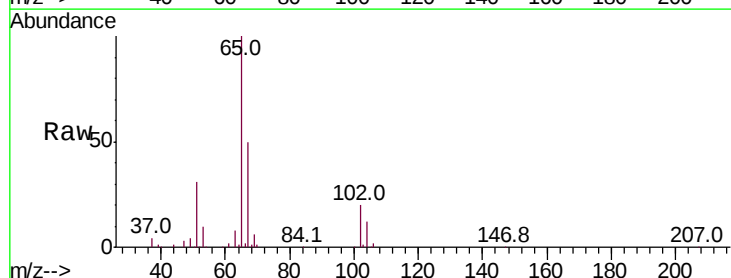
Acq: 07 Nov 2018 20:51

Tgt Ion: 65 Resp: 64491

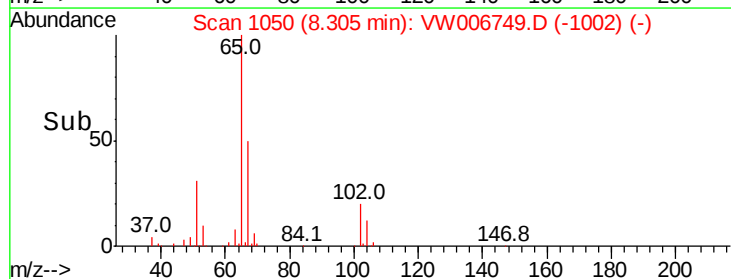
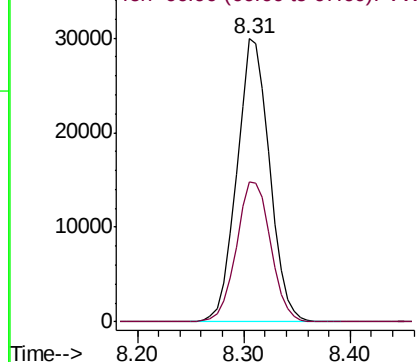
Ion Ratio Lower Upper

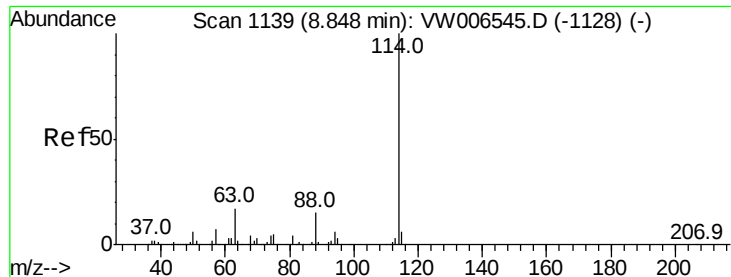
65 100

67 51.8 0.0 104.4



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

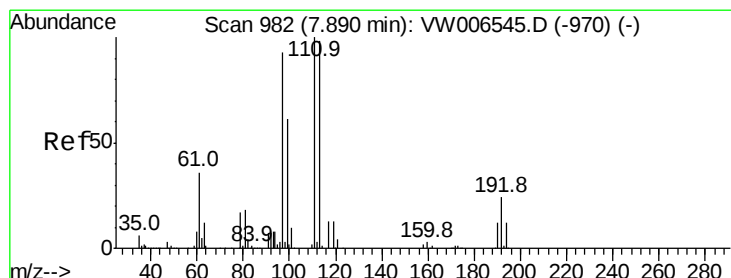
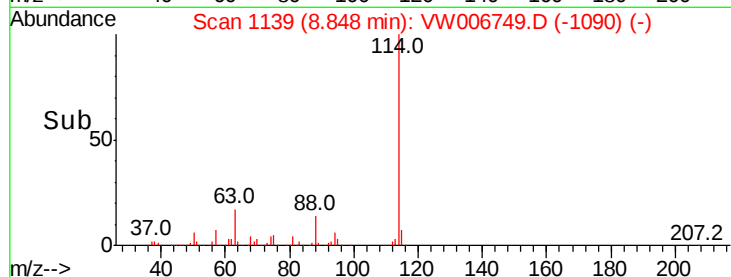
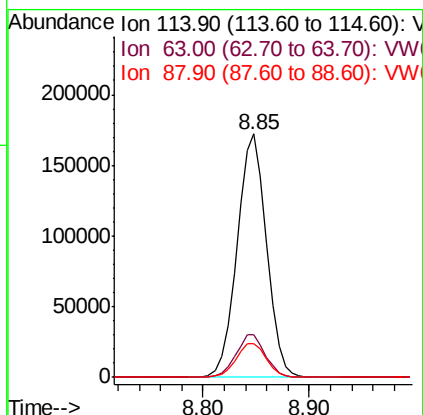
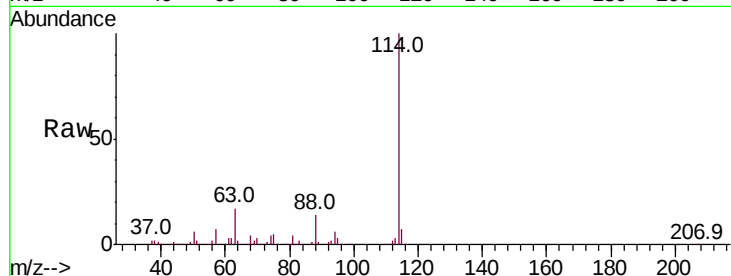




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006749.D
 Acq: 07 Nov 2018 20:51

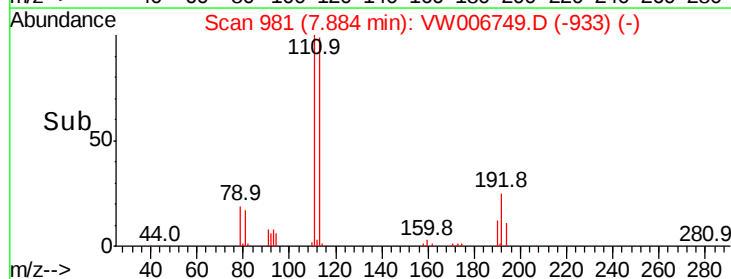
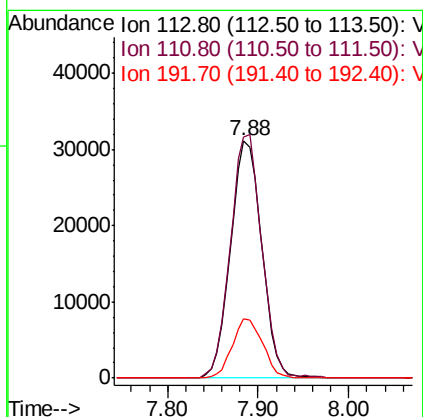
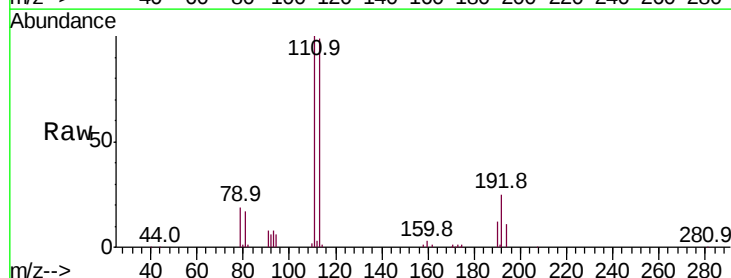
Instrument :
 MSVOA_W
 ClientSampleId :

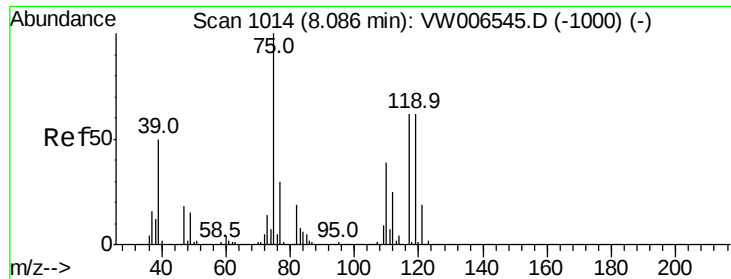
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	34.4
88	13.8	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 35.681 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006749.D
 Acq: 07 Nov 2018 20:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	24.3	19.0	28.6





#36

1,1-Dichloropropene

Concen: 4.723 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Instrument :

MSVOA_W

ClientSampleId :

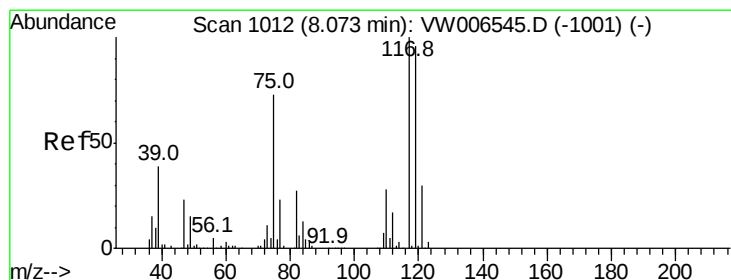
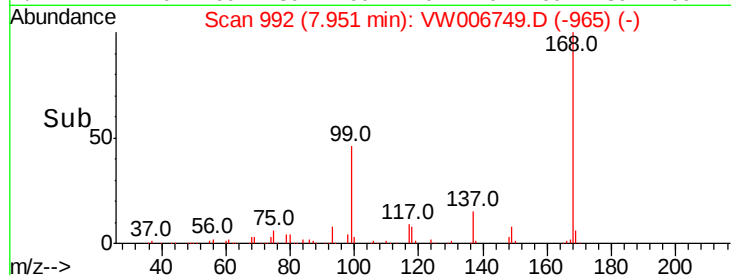
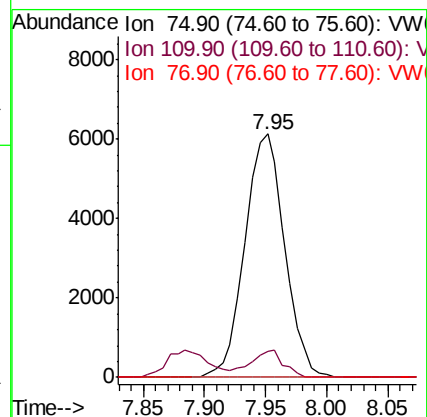
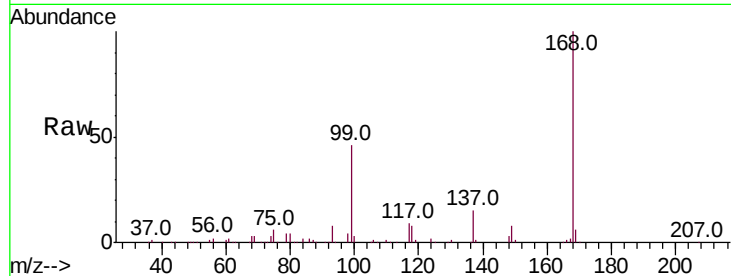
Tot Ion: 75 Resp: 13829

Ion Ratio Lower Upper

75 100

110 9.2 19.5 58.5#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.437 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

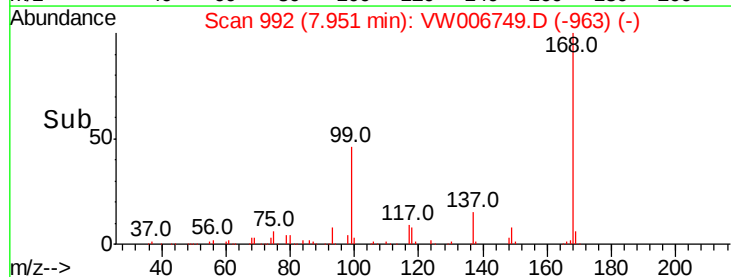
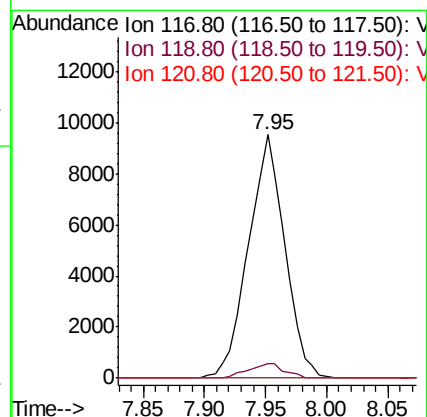
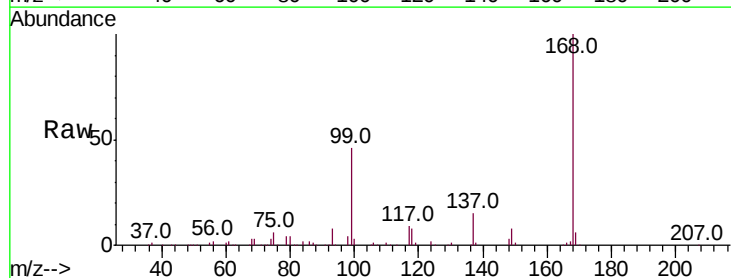
Tgt Ion: 117 Resp: 19694

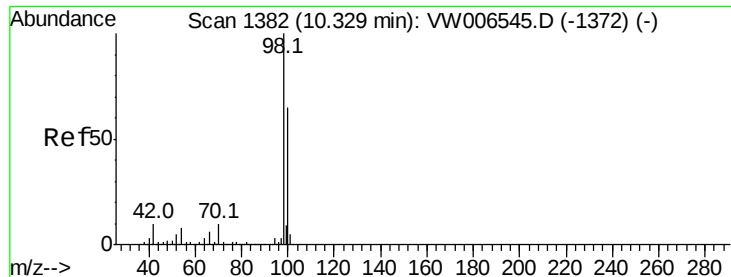
Ion Ratio Lower Upper

117 100

119 6.2 76.3 114.5#

121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 31.647 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Instrument :

MSVOA_W

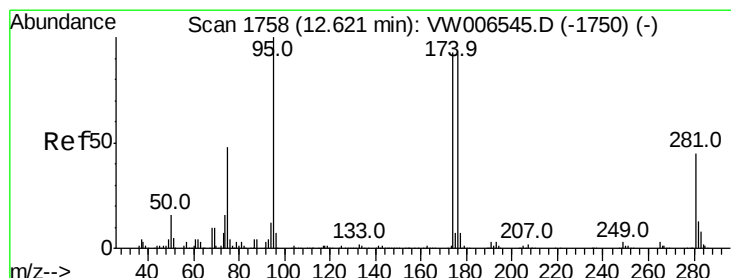
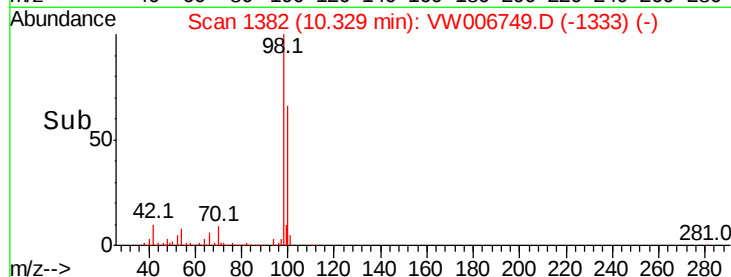
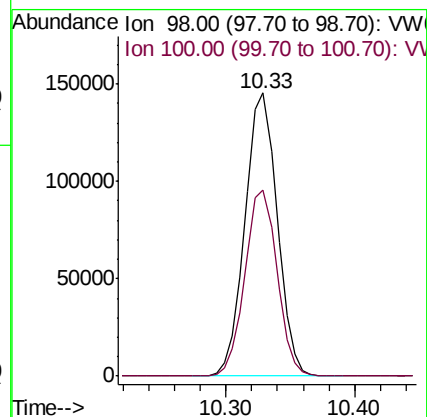
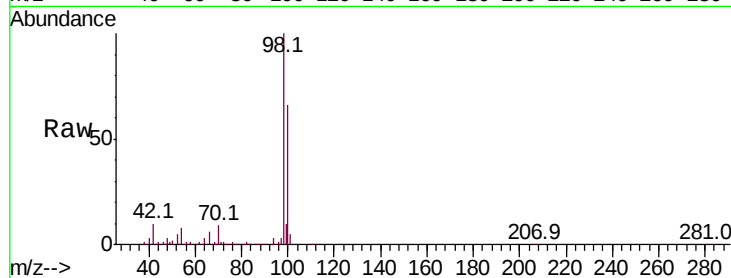
ClientSampleId :

Tot Ion: 98 Resp: 251733

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.406 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

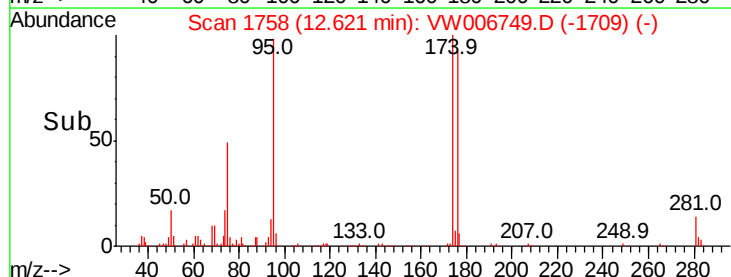
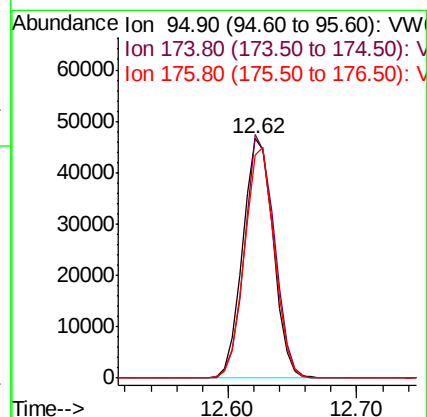
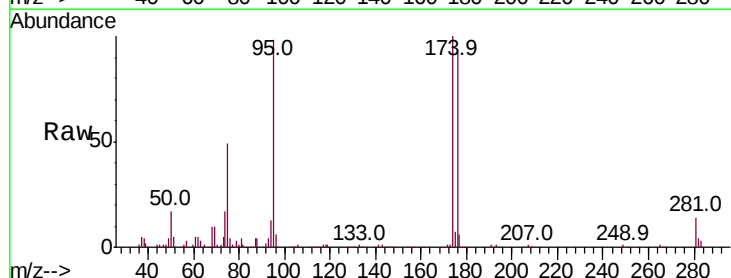
Tgt Ion: 95 Resp: 76149

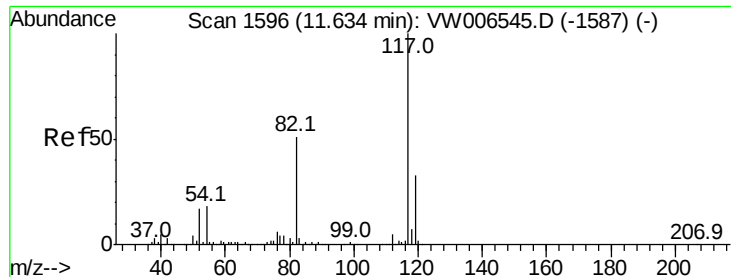
Ion Ratio Lower Upper

95 100

174 98.6 0.0 192.4

176 94.1 0.0 187.4

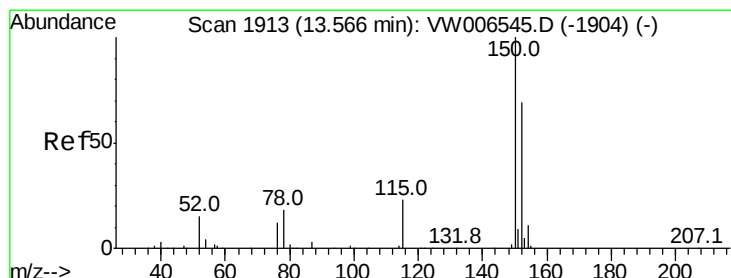
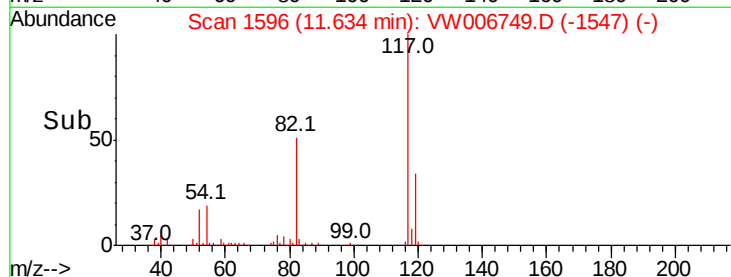
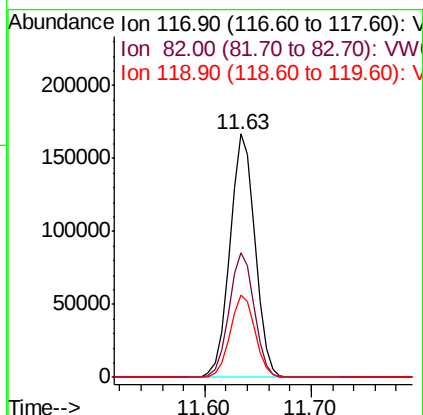
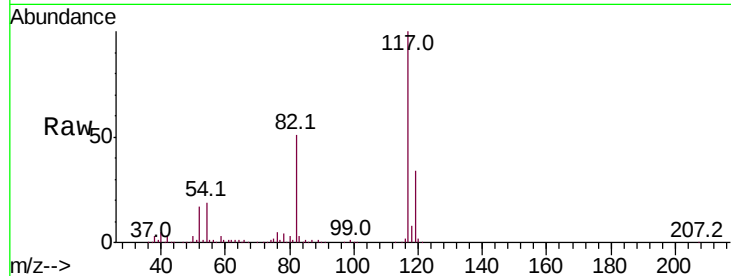




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006749.D
Acq: 07 Nov 2018 20:51

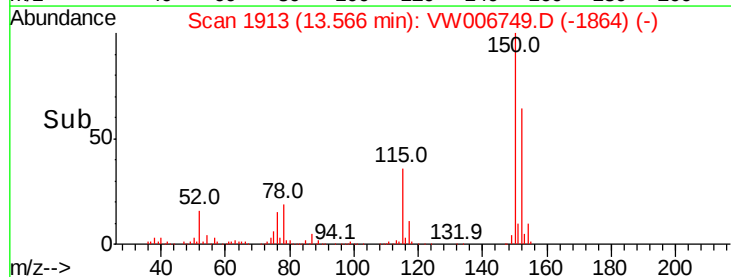
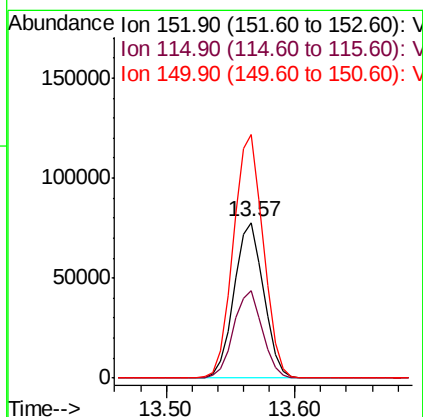
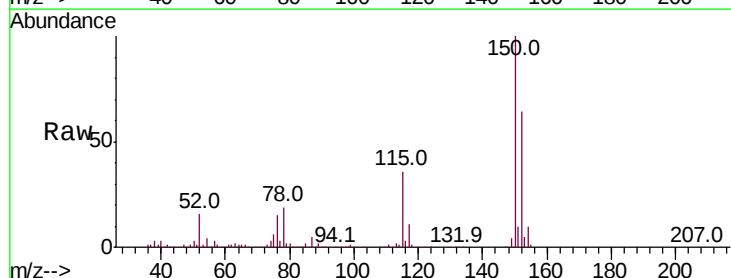
Instrument :
MSVOA_W
ClientSampled :

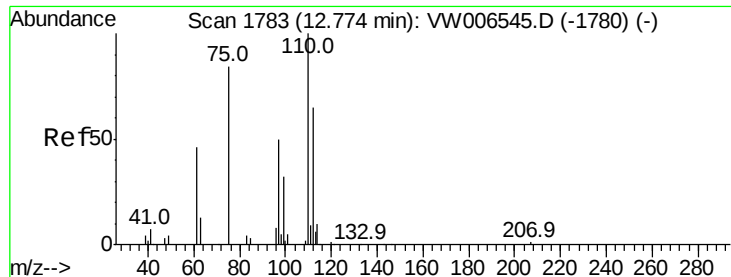
Tot Ion:117 Resp: 275941
Ion Ratio Lower Upper
117 100
82 51.4 40.8 61.2
119 33.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006749.D
Acq: 07 Nov 2018 20:51

Tgt Ion:152 Resp: 123922
Ion Ratio Lower Upper
152 100
115 55.1 26.6 79.8
150 158.4 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 37.495 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Instrument :

MSVOA_W

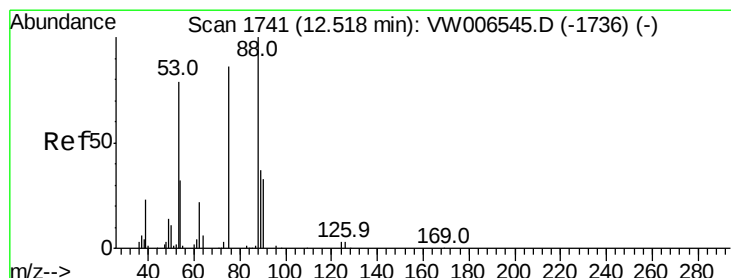
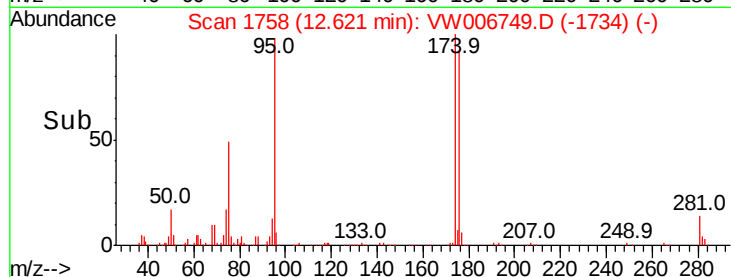
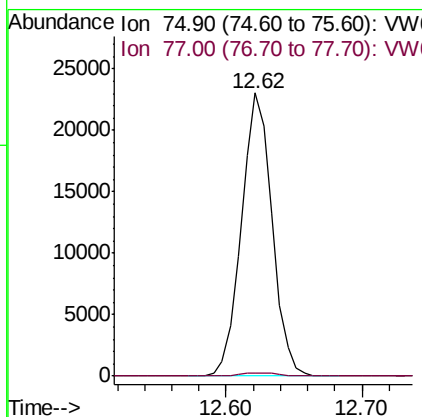
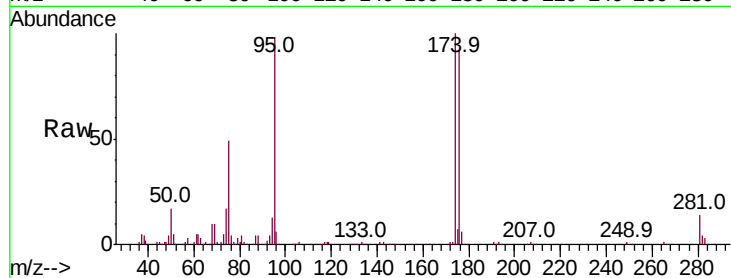
ClientSampled :

Tot Ion: 75 Resp: 36253

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.595 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006749.D

Acq: 07 Nov 2018 20:51

Tgt Ion: 75 Resp: 36253

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

