

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006744.D
 Acq On : 07 Nov 2018 18:42
 Operator : SY/AP
 Sample : J5745-04
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:49:25 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

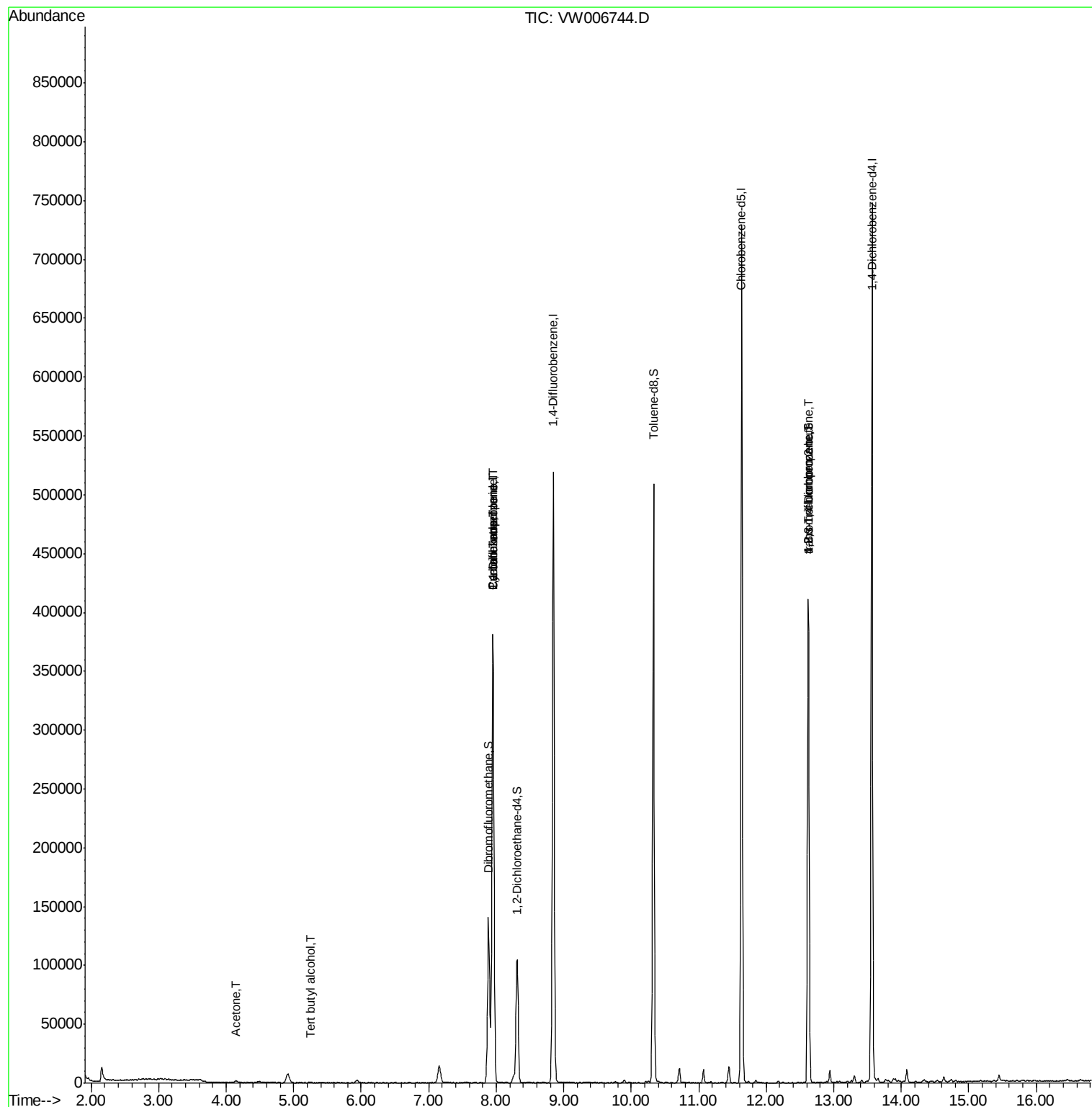
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	467169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85438	31.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.62%	
35) Dibromofluoromethane	7.88	113	98916	33.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.48%	
50) Toluene-d8	10.33	98	353439	31.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.34%	
62) 4-Bromofluorobenzene	12.62	95	117918	29.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	214	1.455	ug/l #	84
16) Acetone	4.15	43	2700	6.128	ug/l #	84
20) Methylene Chloride	4.92	84	6860	Below Cal		87
31) Cyclohexane	7.95	56	5202	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20146	4.904	ug/l #	47
38) Carbon Tetrachloride	7.95	117	28175	6.563	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	57872	34.485	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	57872	87.216	ug/l #	11

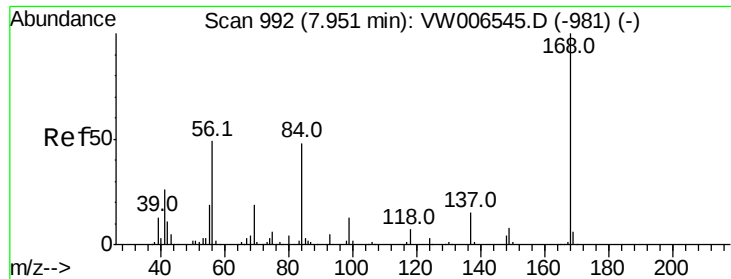
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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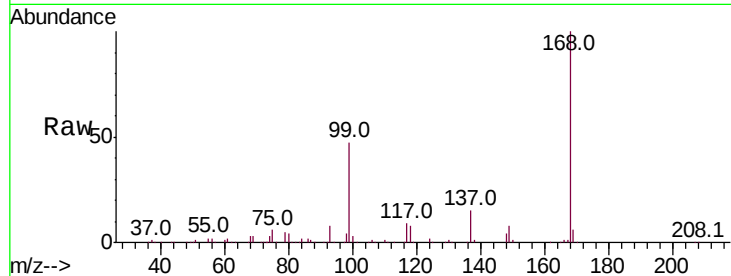


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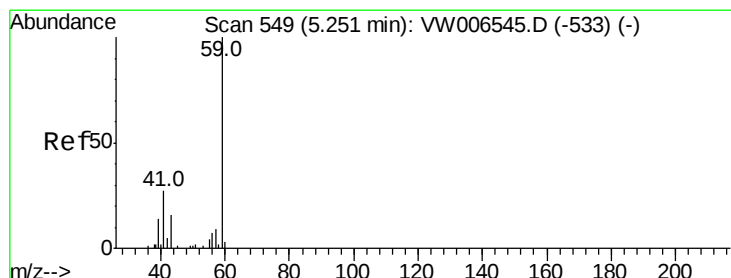
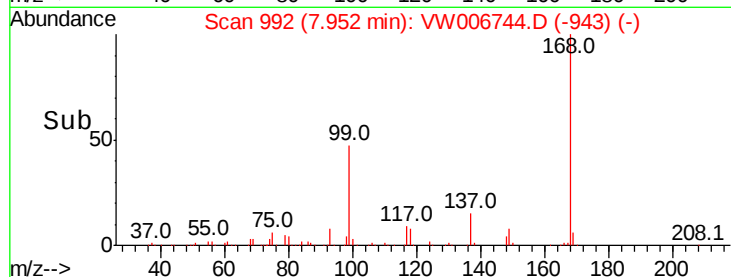
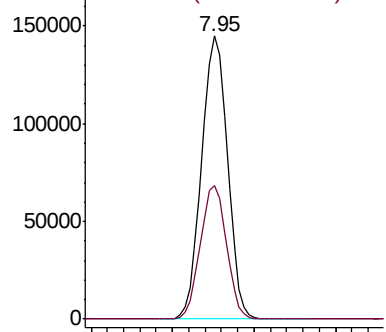
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 317480
 Ion Ratio Lower Upper
 168 100
 99 47.3 37.4 56.0



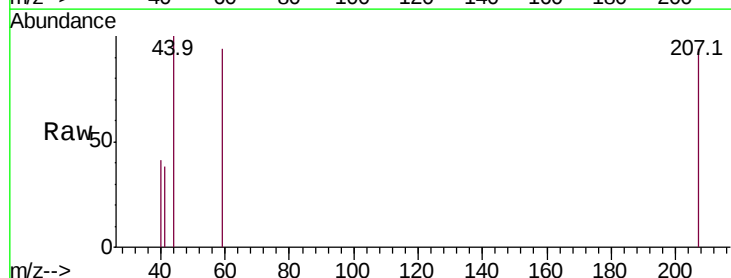
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



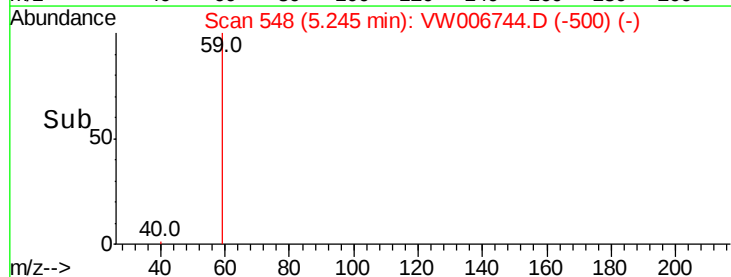
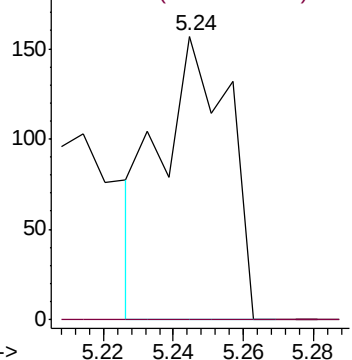
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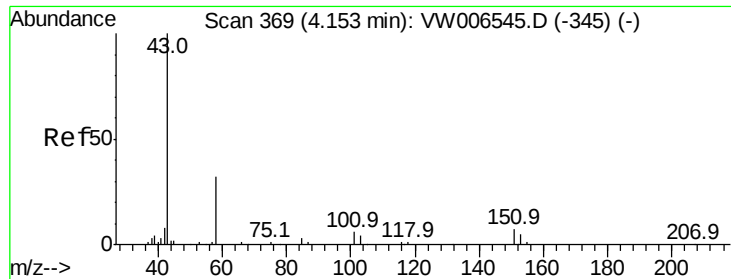
Tert butyl alcohol
 Concen: 1.455 ug/l
 RT: 5.24 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Tgt Ion: 59 Resp: 214
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW
 Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 6.128 ug/l

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

Lab File: VW006744.D

Acq: 07 Nov 2018 18:42

Instrument :

MSVOA_W

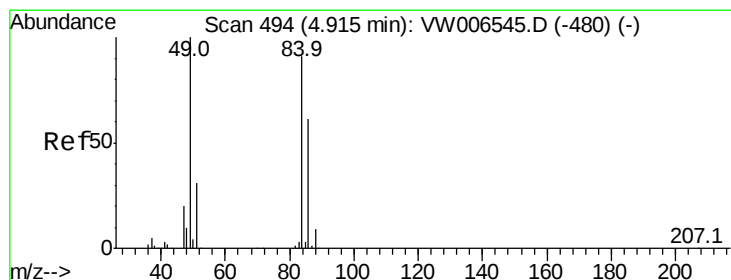
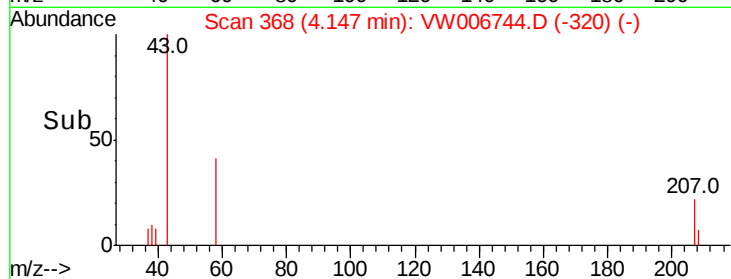
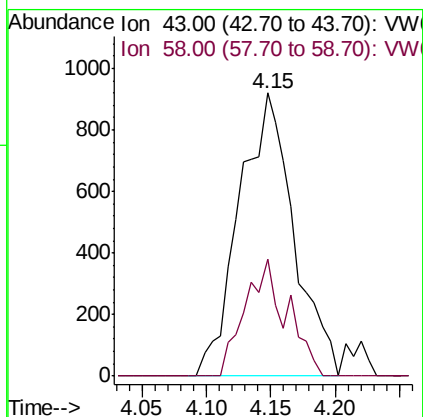
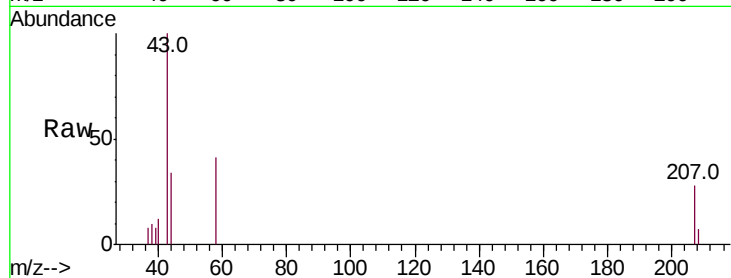
ClientSampled :

Tot Ion: 43 Resp: 2700

Ion Ratio Lower Upper

43 100

58 41.1 25.8 38.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006744.D

Acq: 07 Nov 2018 18:42

Tgt Ion: 84 Resp: 6860

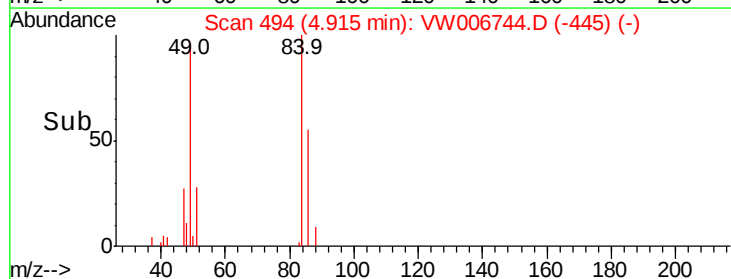
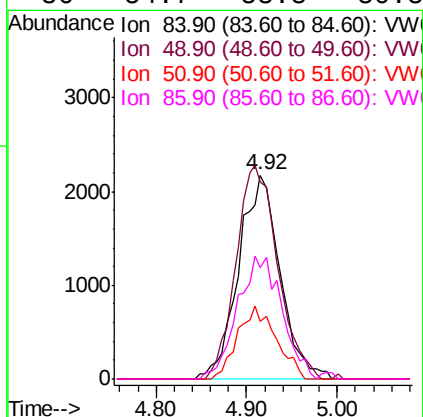
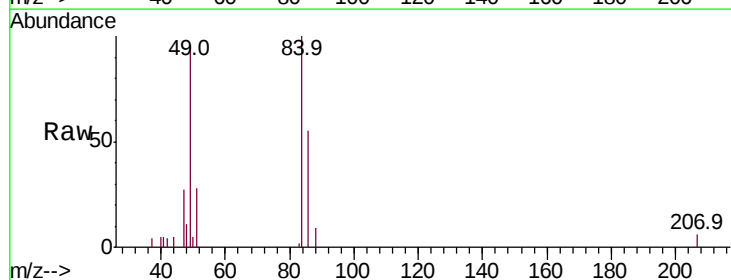
Ion Ratio Lower Upper

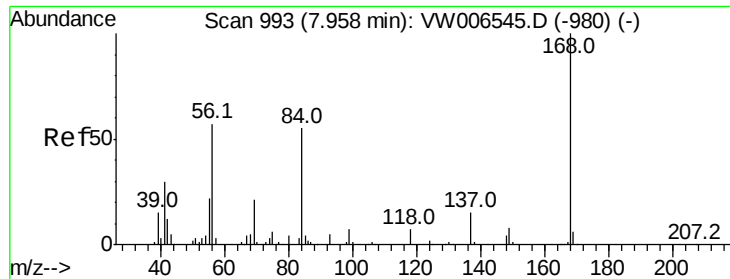
84 100

49 96.5 88.2 132.4

51 28.3 27.0 40.6

86 54.7 53.8 80.8

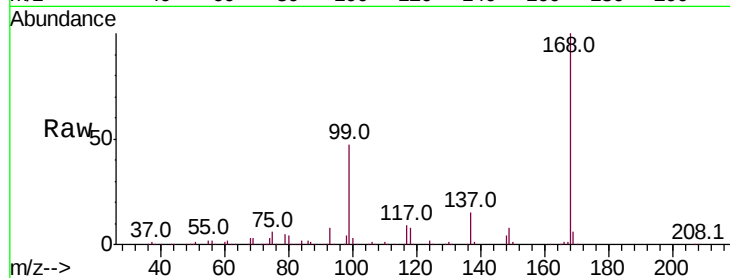




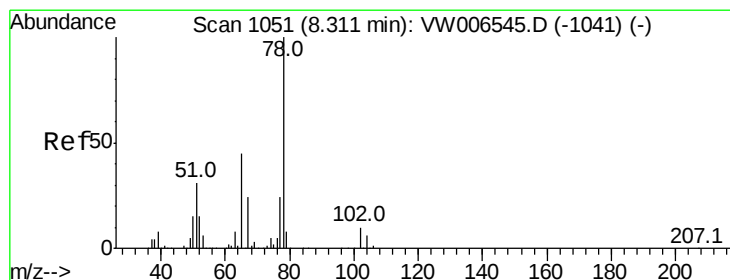
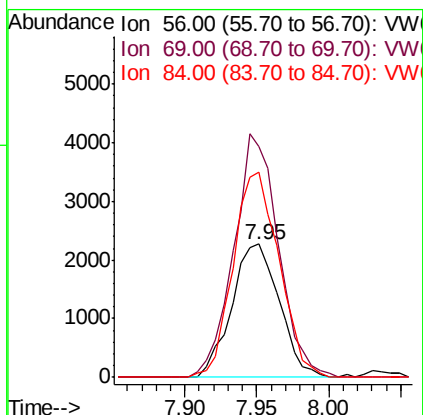
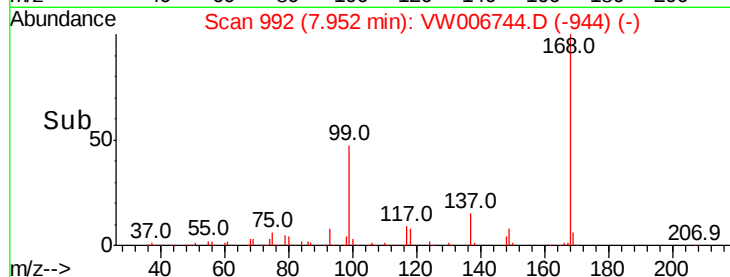
#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006744.D
Acq: 07 Nov 2018 18:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 5202
Ion Ratio Lower Upper
56 100
69 173.2 29.0 43.4#
84 154.0 77.8 116.6#

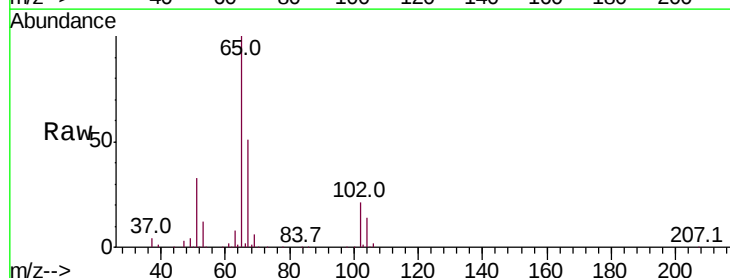


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

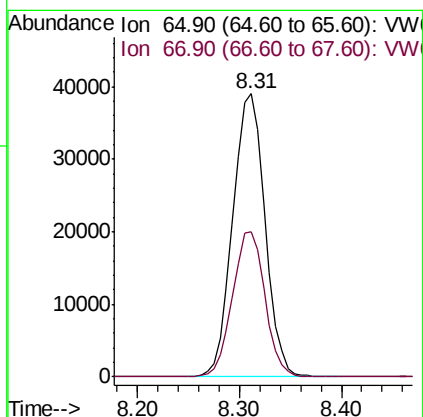
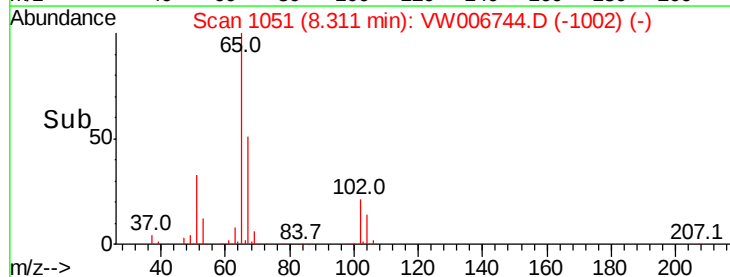


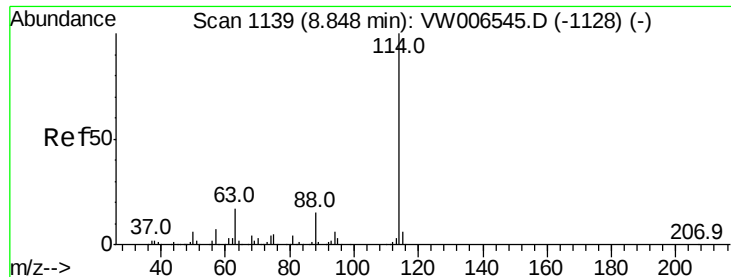
#33
1,2-Dichloroethane-d4
Concen: 31.307 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006744.D
Acq: 07 Nov 2018 18:42

Tgt Ion: 65 Resp: 85438
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4



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

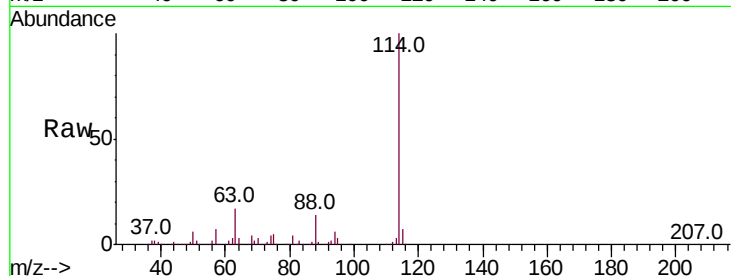




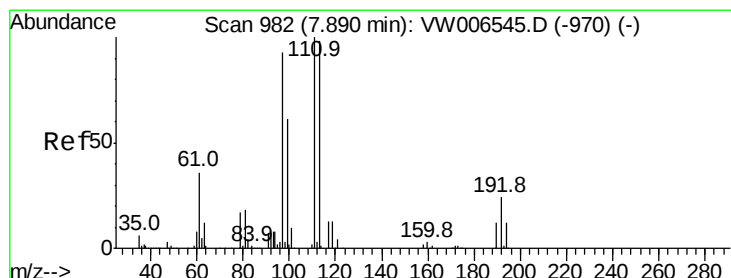
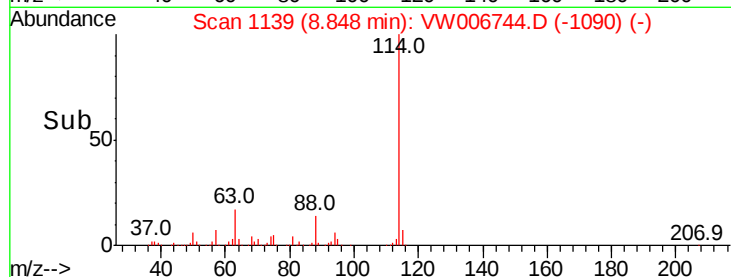
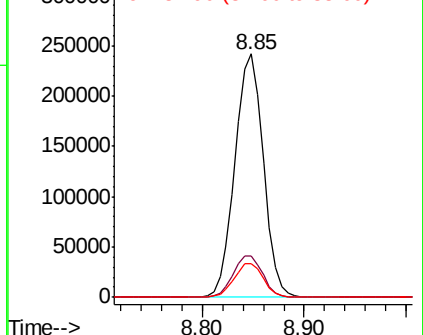
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.4
88	13.9	0.0	29.0

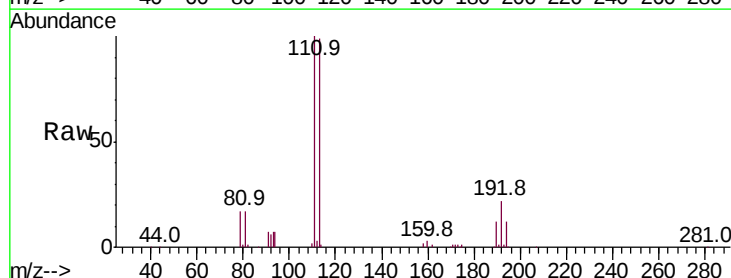


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

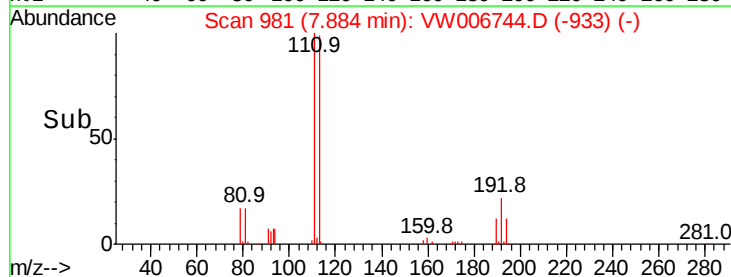
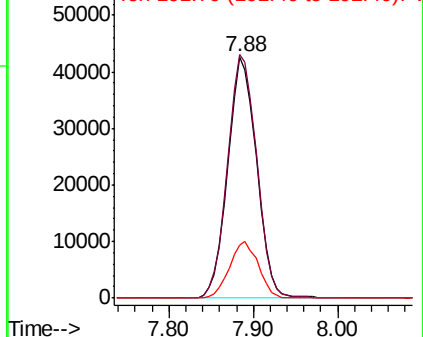


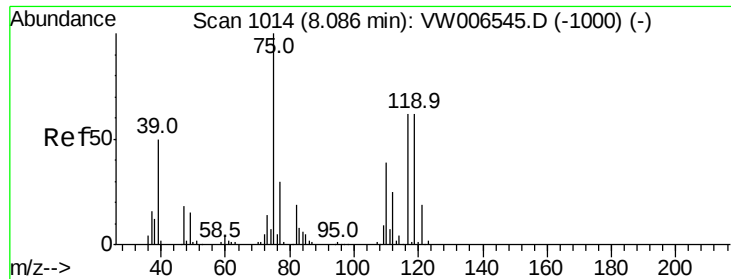
#35
 Dibromofluoromethane
 Concen: 33.738 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	23.4	19.0	28.6



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

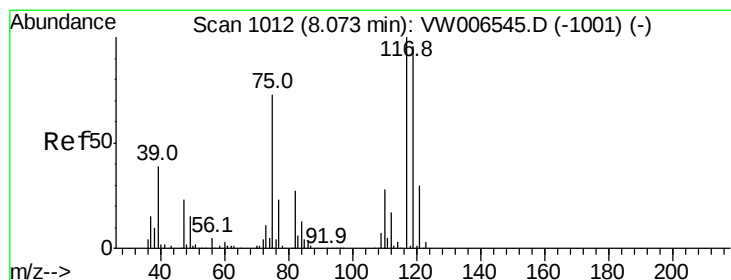
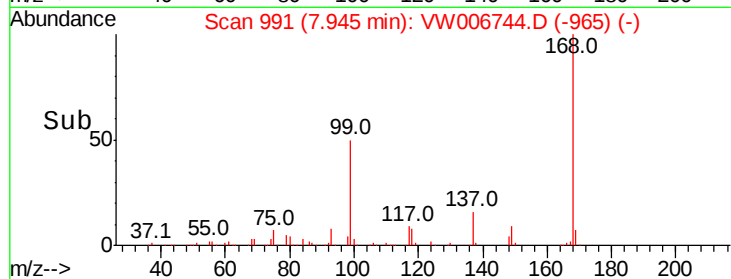
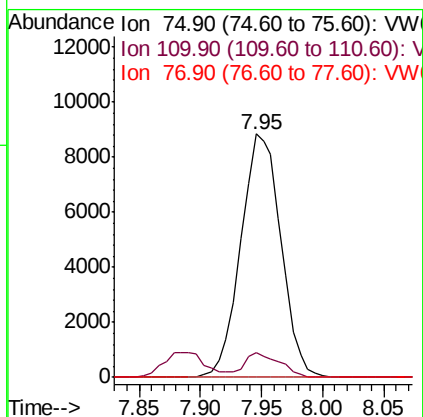
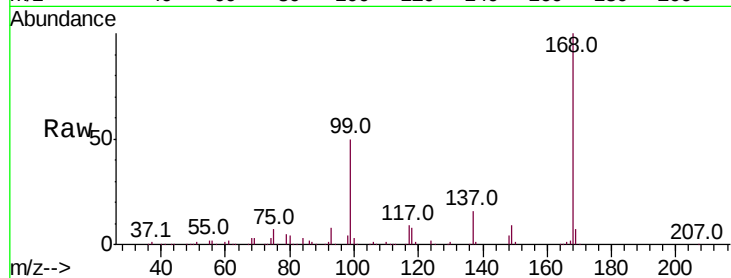




#36
 1,1-Dichloropropene
 Concen: 4.904 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

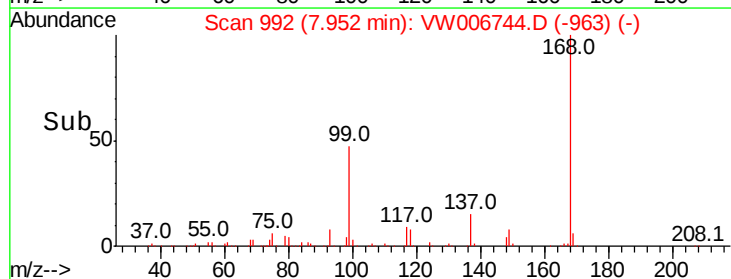
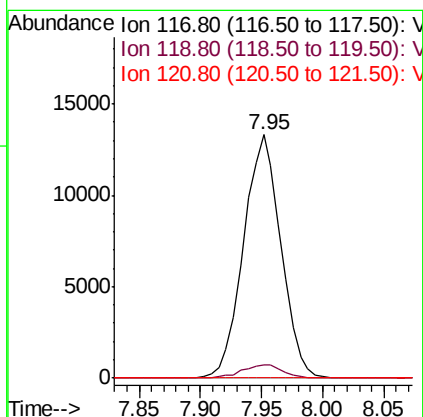
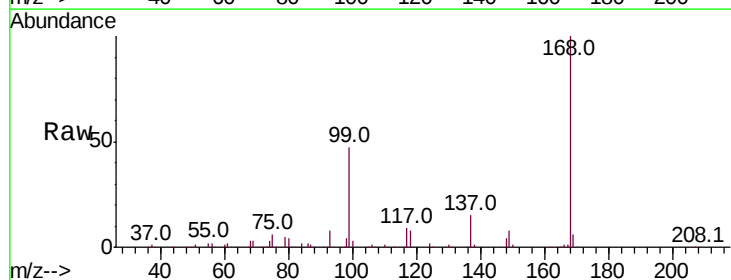
Instrument :
 MSVOA_W
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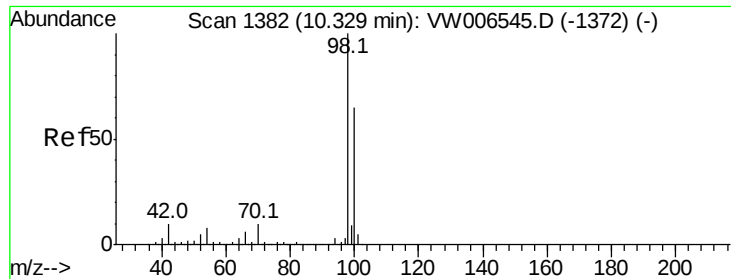
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.563 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 31.667 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006744.D

Acq: 07 Nov 2018 18:42

Instrument :

MSVOA_W

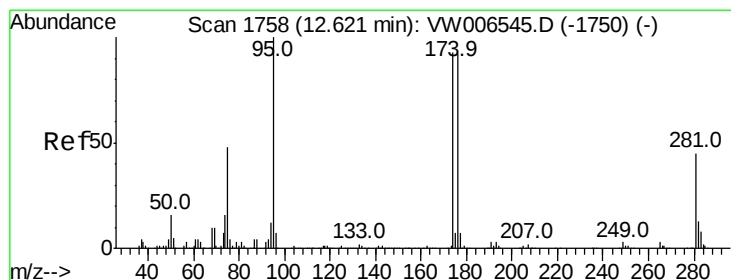
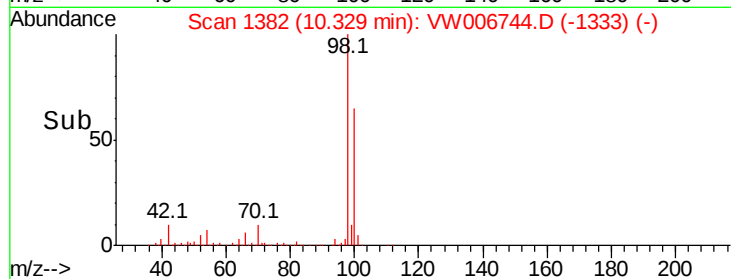
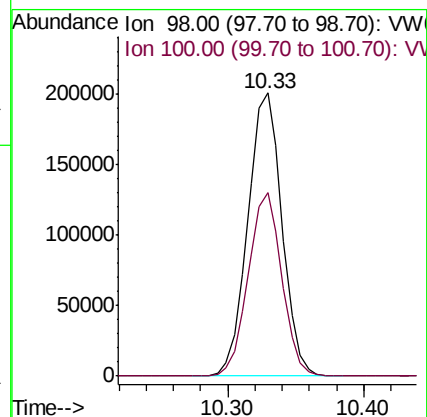
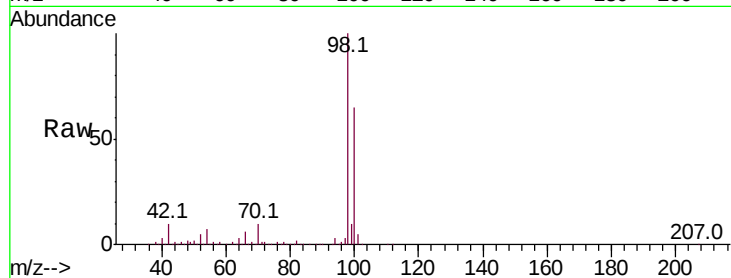
ClientSampled :

Tot Ion: 98 Resp: 353439

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 29.142 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006744.D

Acq: 07 Nov 2018 18:42

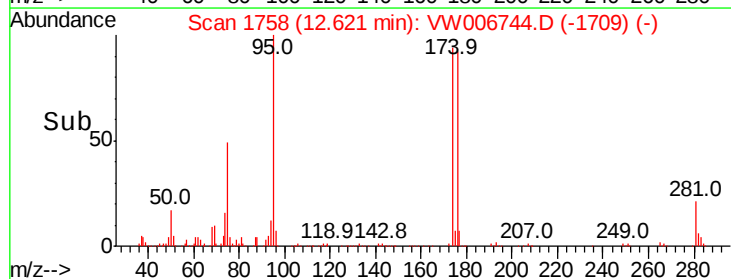
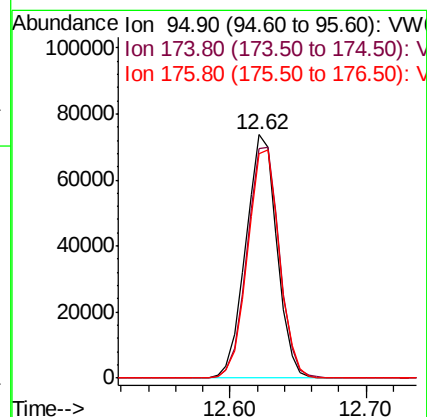
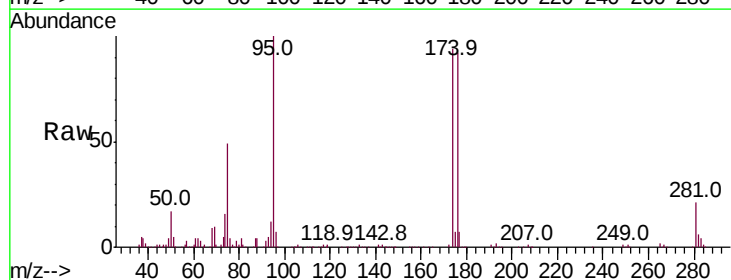
Tgt Ion: 95 Resp: 117918

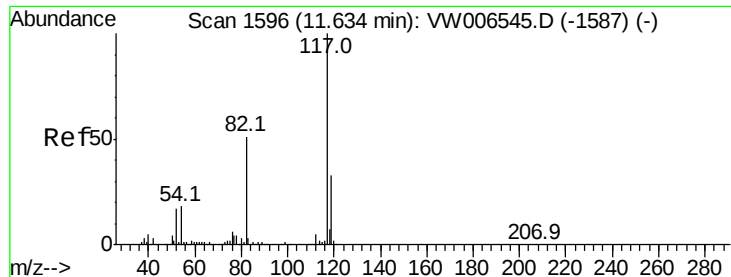
Ion Ratio Lower Upper

95 100

174 98.1 0.0 192.4

176 96.0 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: VW006744.D

Acq: 07 Nov 2018 18:42

Instrument :

MSVOA_W

ClientSampleId :

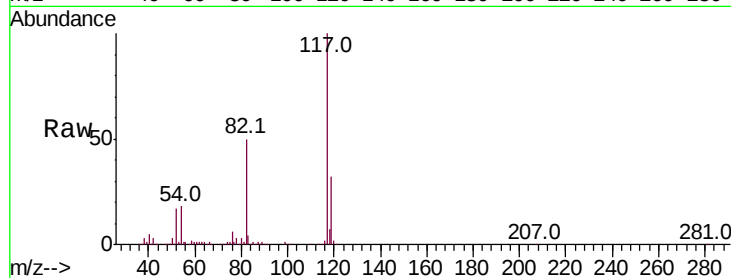
Tot Ion:117 Resp: 425421

Ion Ratio Lower Upper

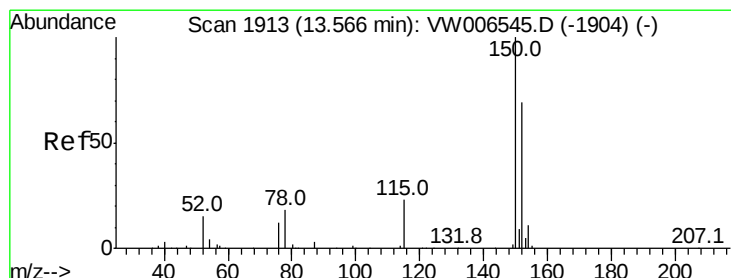
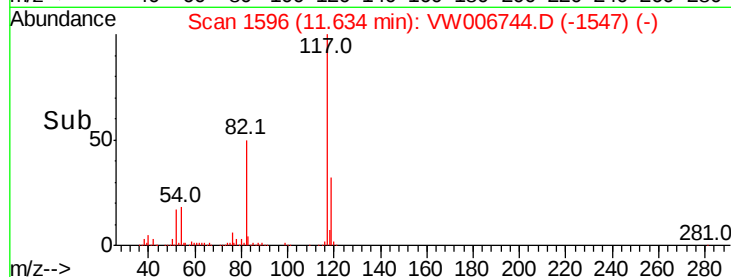
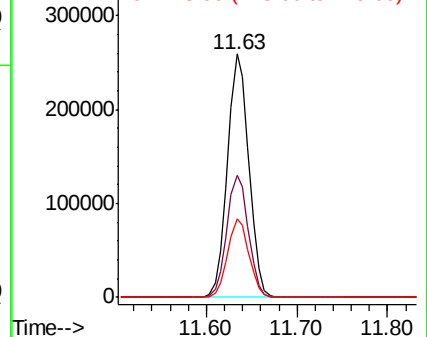
117 100

82 50.0 40.8 61.2

119 32.1 26.1 39.1



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006744.D

Acq: 07 Nov 2018 18:42

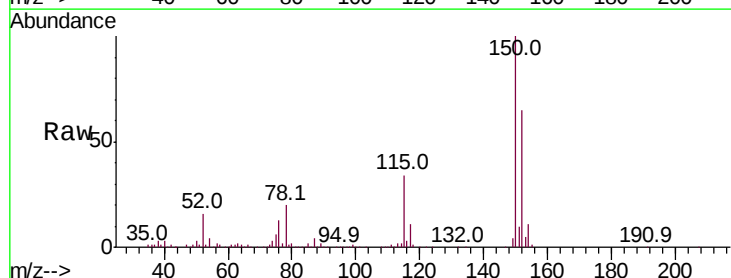
Tgt Ion:152 Resp: 215086

Ion Ratio Lower Upper

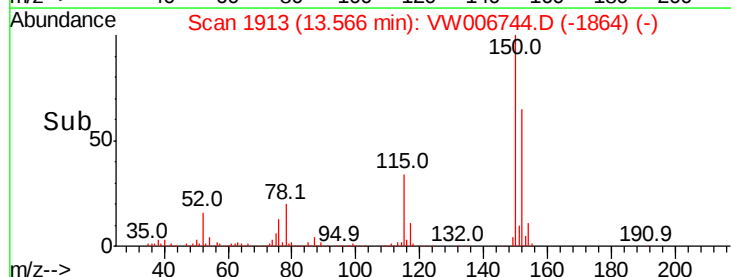
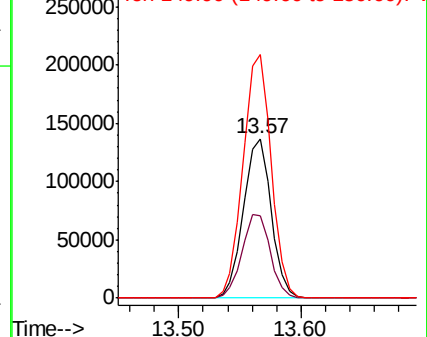
152 100

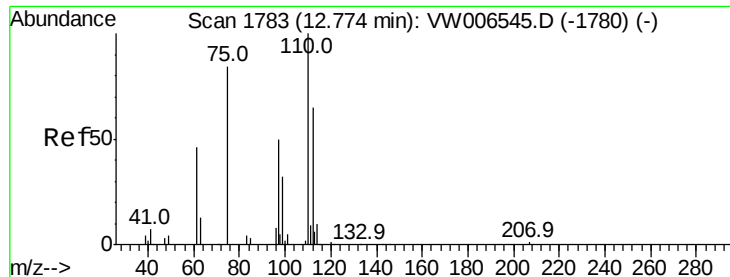
115 53.1 26.6 79.8

150 154.7 0.0 344.6



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

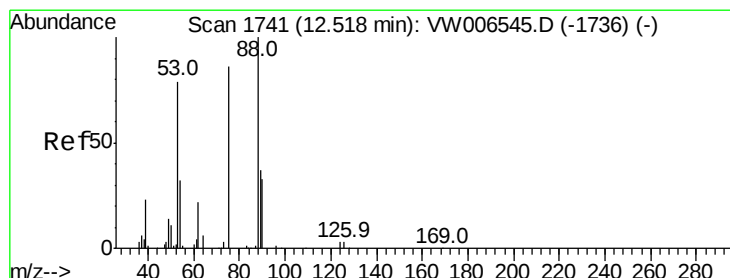
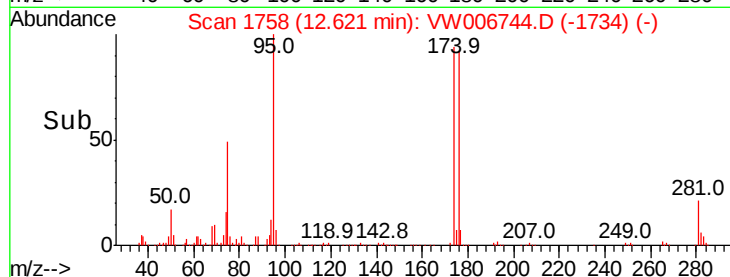
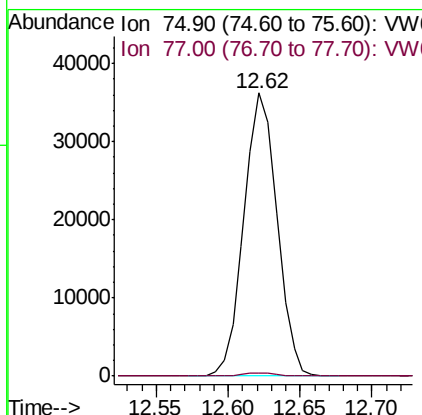
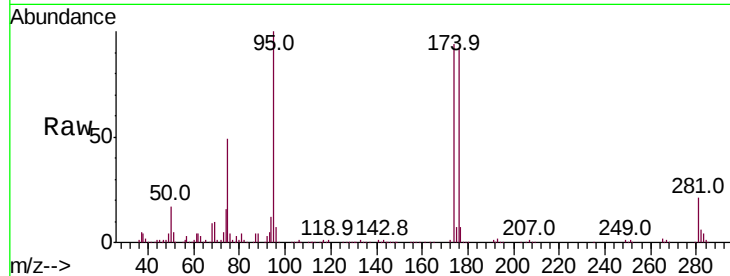




#76
 1,2,3-Trichloropropane
 Concen: 34.485 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 57872
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.216 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006744.D
 Acq: 07 Nov 2018 18:42

Tgt Ion: 75 Resp: 57872
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.2 115.8#
 89 0.1 38.6 58.0#

