

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110118\
 Data File : VW006539.D
 Acq On : 31 Oct 2018 20:54
 Operator : SY/AP
 Sample : J5649-01RE
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 31 23:14:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

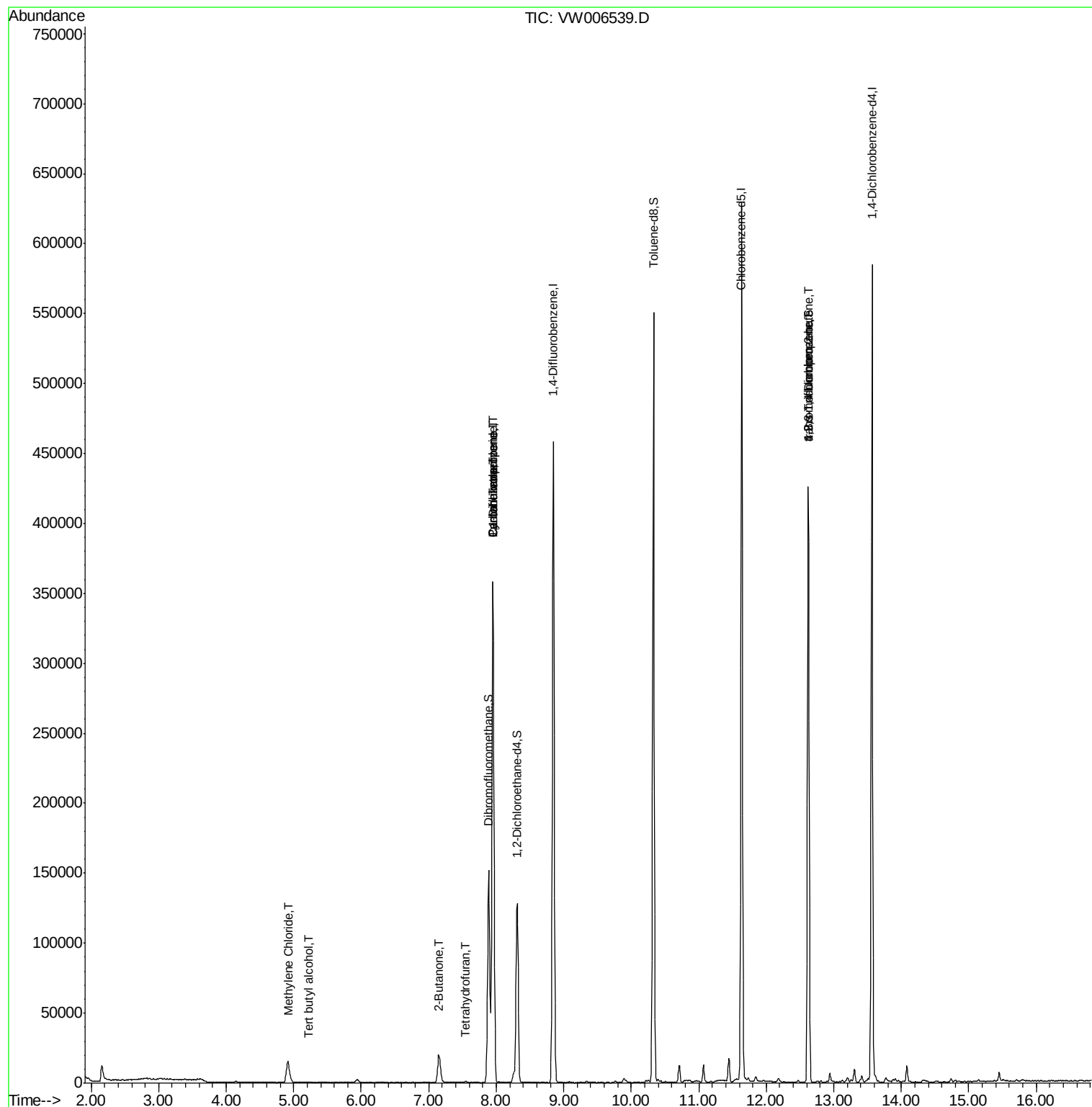
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104216	42.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.50%	
35) Dibromofluoromethane	7.88	113	107475	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
50) Toluene-d8	10.33	98	384231	40.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.20%	
62) 4-Bromofluorobenzene	12.62	95	122430	34.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.88%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	251	1.531	ug/l #	71
16) Acetone	4.14	43	1422	Below Cal	#	81
20) Methylene Chloride	4.92	84	13479	3.720	ug/l	95
25) 2-Butanone	7.16	43	1485	2.255	ug/l #	46
29) Tetrahydrofuran	7.54	42	584	1.443	ug/l #	73
31) Cyclohexane	7.95	56	5084	1.140	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	17582	4.531	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25510	5.997	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	61203	48.239	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61203	115.311	ug/l #	10

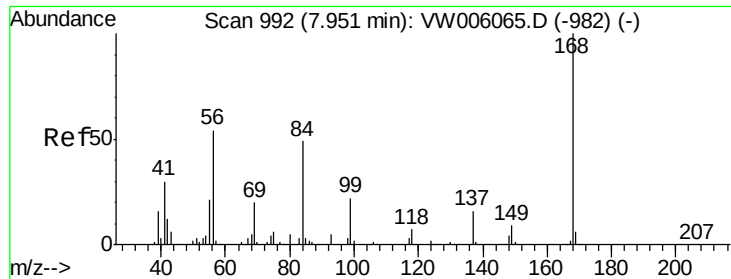
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110118\
Data File : VW006539.D
Acq On : 31 Oct 2018 20:54
Operator : SY/AP
Sample : J5649-01RE
Misc : 5.31G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Oct 31 23:14:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

Instrument :

MSVOA_W

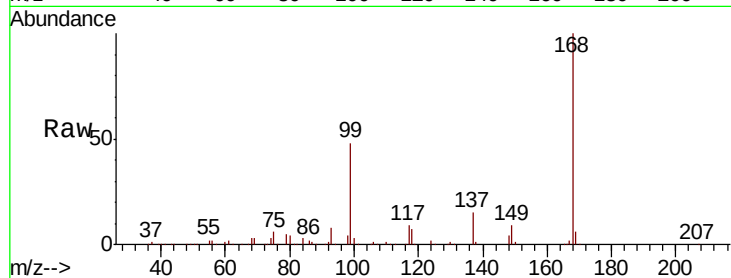
ClientSampleId :

Tot Ion:168 Resp: 294012

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

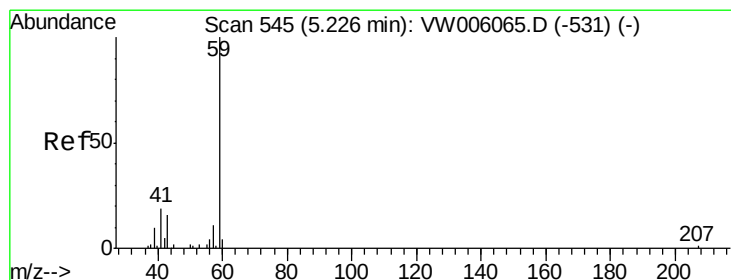
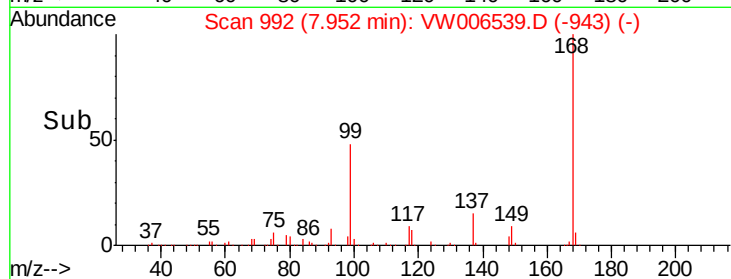
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.531 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006539.D

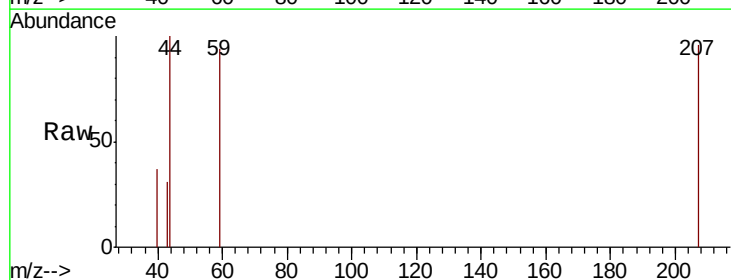
Acq: 31 Oct 2018 20:54

Tgt Ion: 59 Resp: 251

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

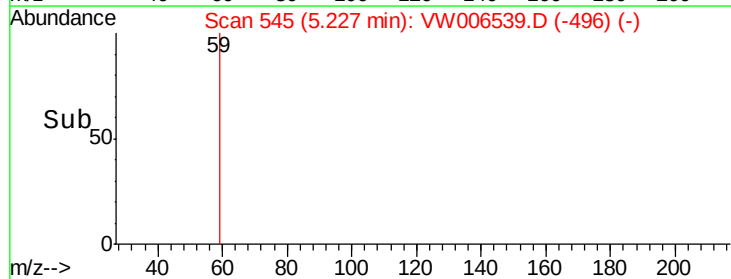
150

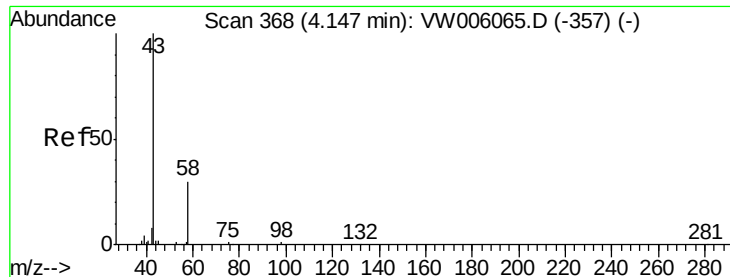
100

50

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

Instrument :

MSVOA_W

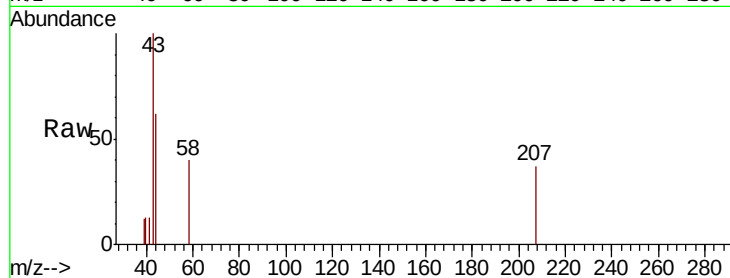
ClientSampled :

Tot Ion: 43 Resp: 1422

Ion Ratio Lower Upper

43 100

58 40.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

400

300

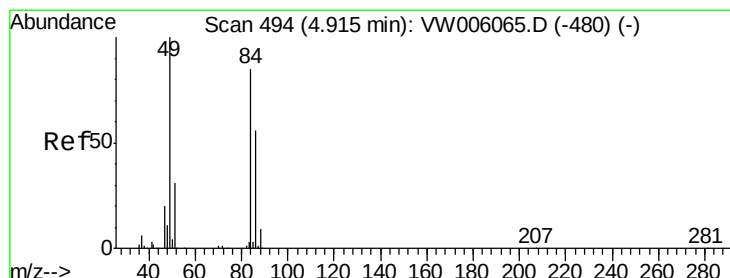
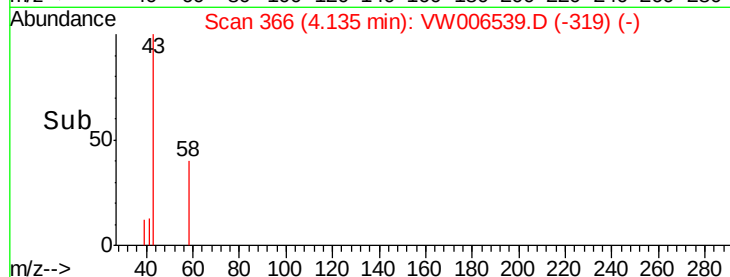
200

100

0

4.05 4.10 4.15 4.20 4.25

Time-->



#20

Methylene Chloride

Concen: 3.720 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

Tgt Ion: 84 Resp: 13479

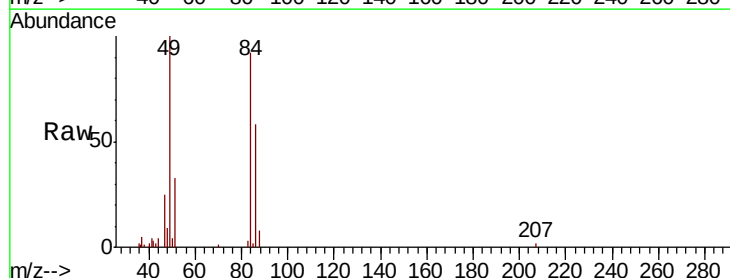
Ion Ratio Lower Upper

84 100

49 109.3 93.6 140.4

51 35.6 29.0 43.4

86 63.5 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

6000

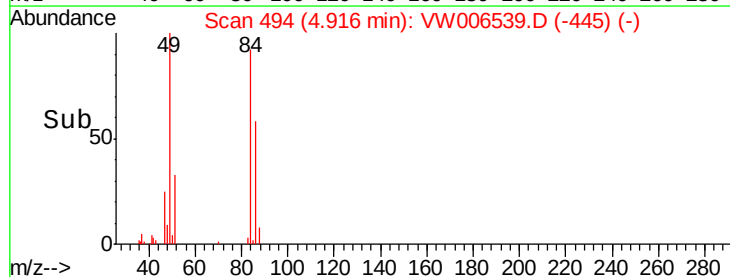
4000

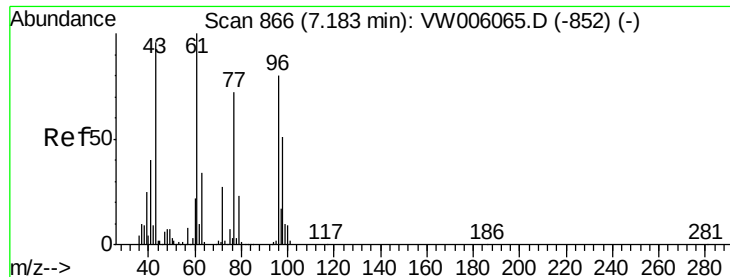
2000

0

4.80 4.90 5.00

Time-->

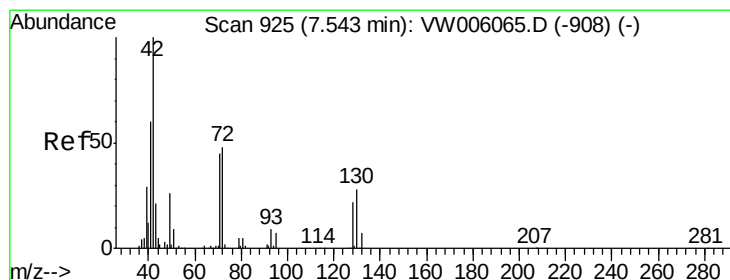
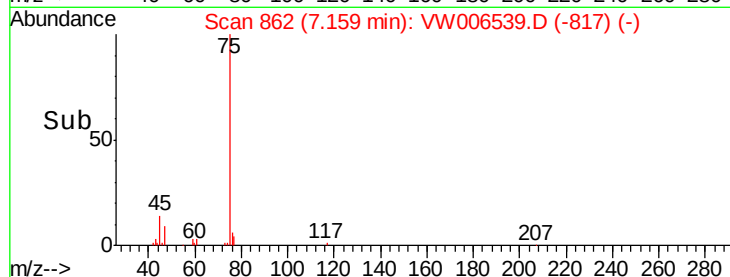
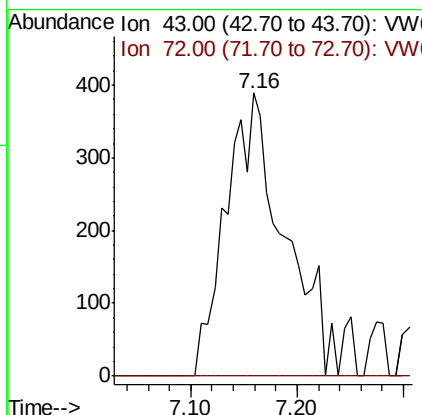
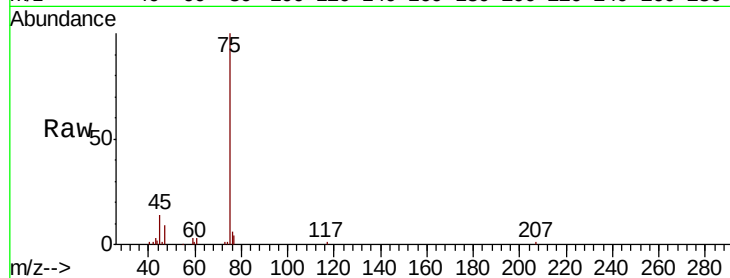




#25
 2-Butanone
 Concen: 2.255 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: VW006539.D
 Acq: 31 Oct 2018 20:54

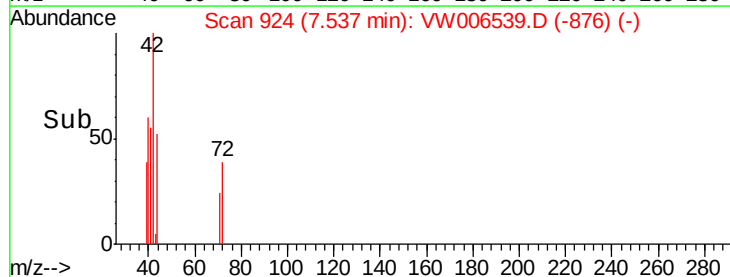
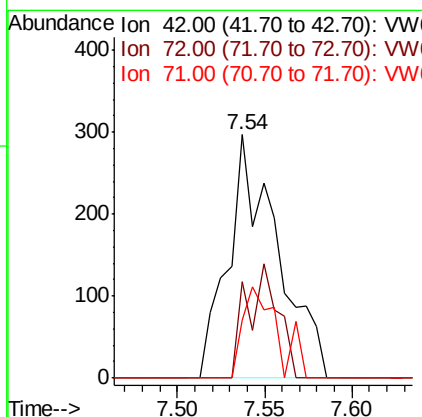
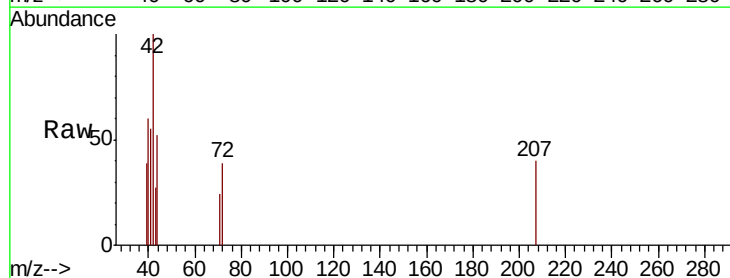
Instrument :
 MSVOA_W
 ClientSampleId :

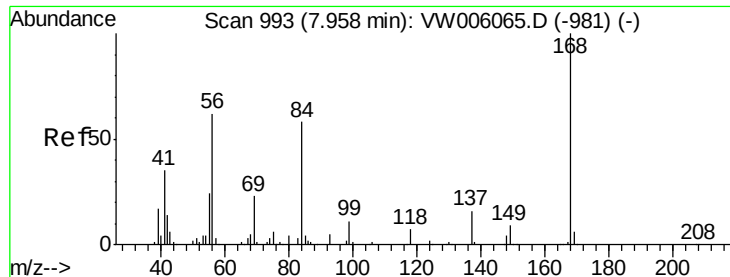
Tot Ion: 43 Resp: 1485
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



#29
 Tetrahydrofuran
 Concen: 1.443 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: VW006539.D
 Acq: 31 Oct 2018 20:54

Tgt Ion: 42 Resp: 584
 Ion Ratio Lower Upper
 42 100
 72 29.6 38.0 57.0#
 71 26.4 35.3 52.9#

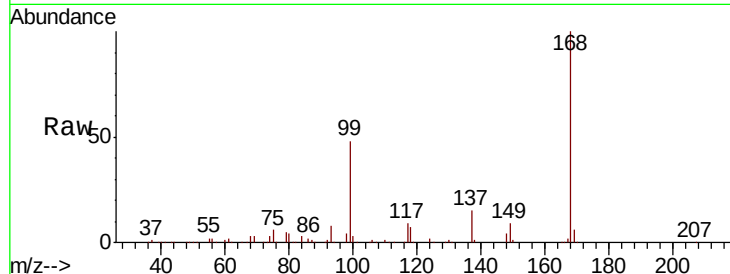




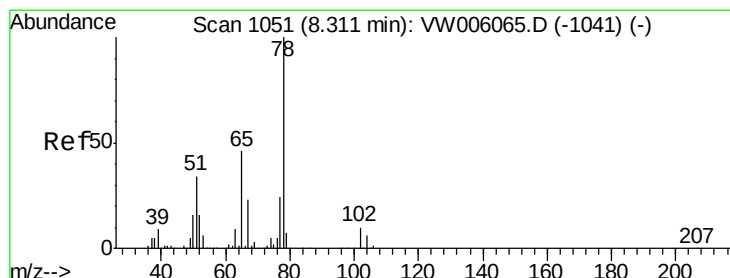
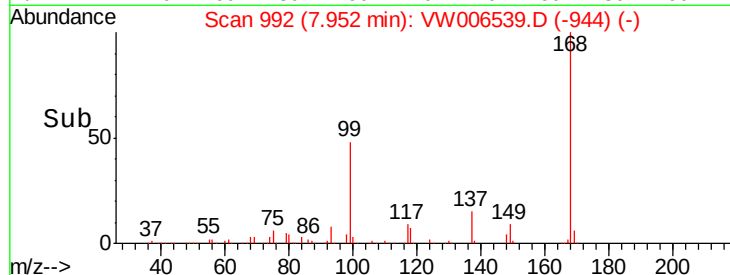
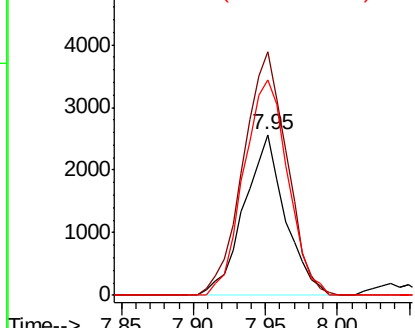
#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006539.D
Acq: 31 Oct 2018 20:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5084
Ion Ratio Lower Upper
56 100
69 151.2 29.4 44.0#
84 134.0 74.0 111.0#

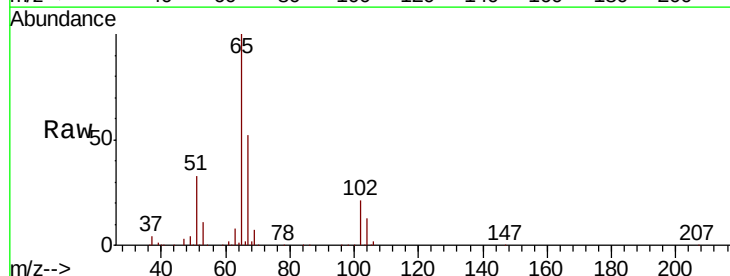


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

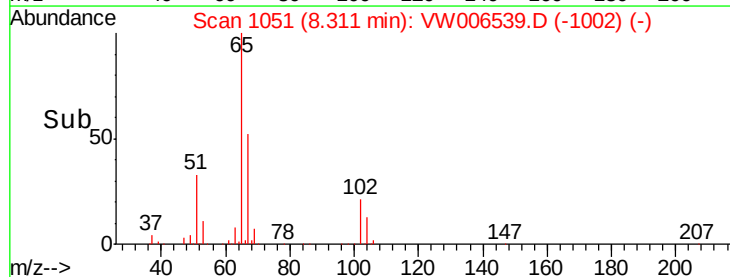
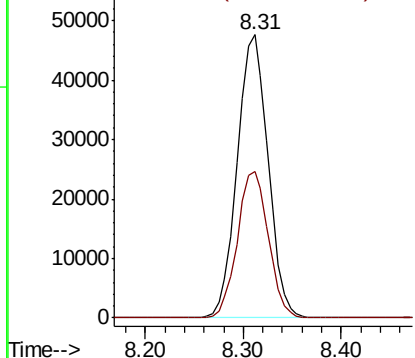


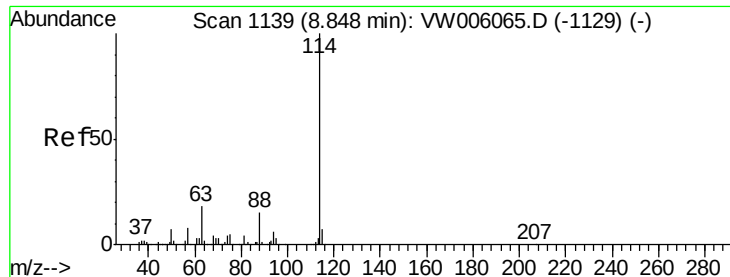
#33
1,2-Dichloroethane-d4
Concen: 42.755 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006539.D
Acq: 31 Oct 2018 20:54

Tgt Ion: 65 Resp: 104216
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.0



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

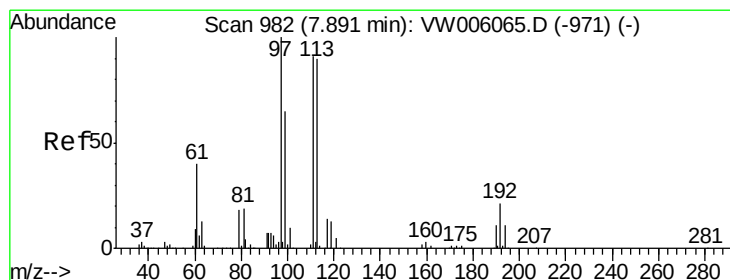
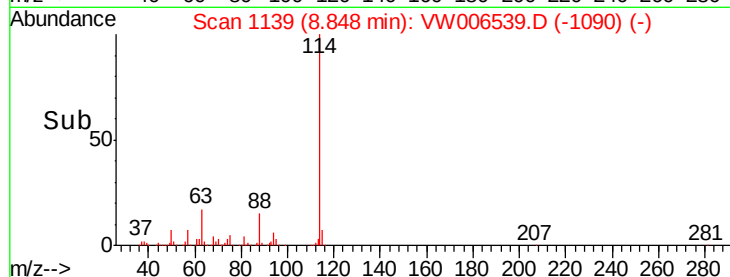
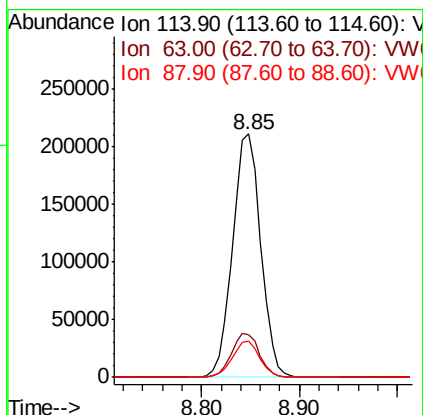
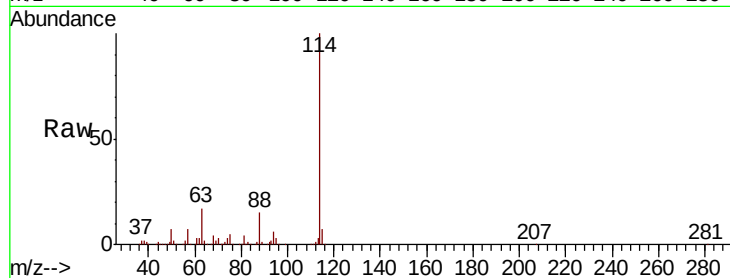




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006539.D
 Acq: 31 Oct 2018 20:54

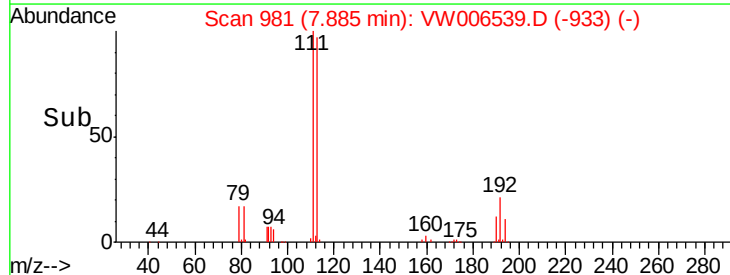
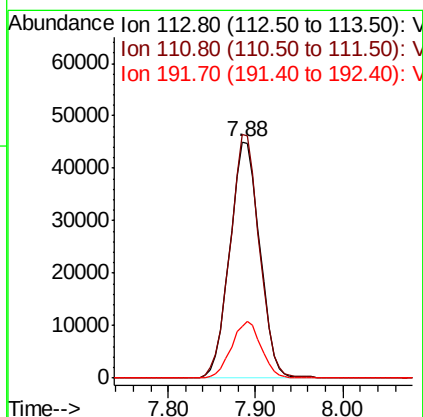
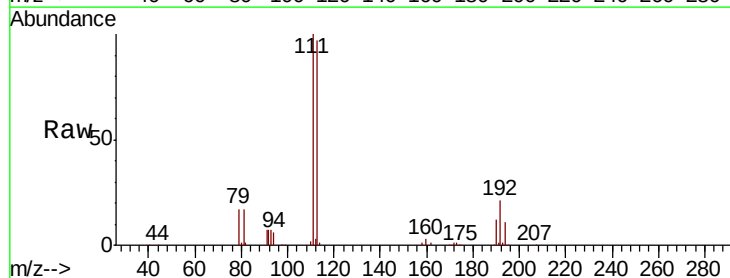
Instrument :
 MSVOA_W
 ClientSampled :

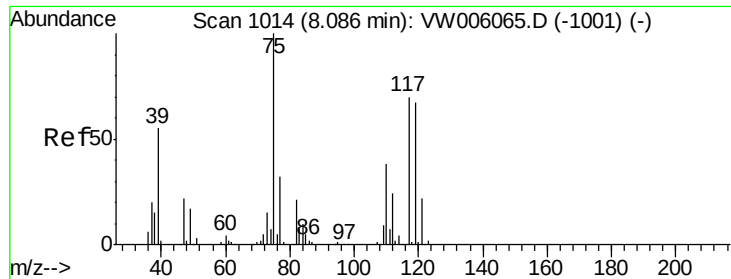
Tot Ion:114 Resp: 420963
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.8
 88 14.8 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 43.207 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006539.D
 Acq: 31 Oct 2018 20:54

Tgt Ion:113 Resp: 107475
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.4 122.0
 192 23.6 18.7 28.1

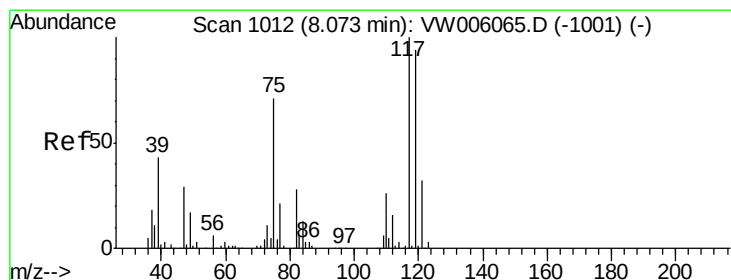
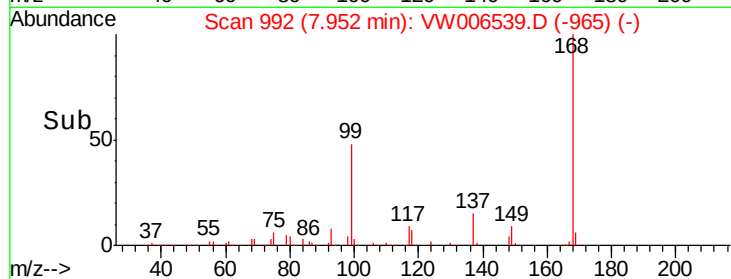
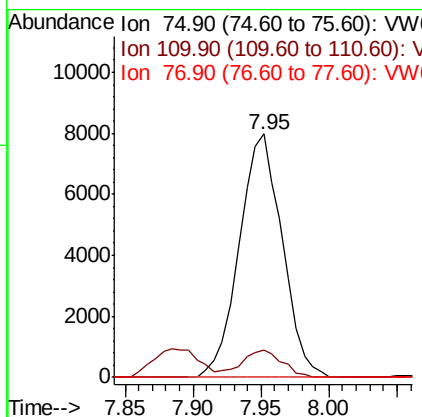
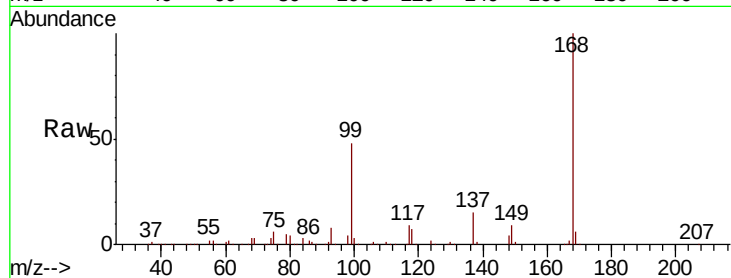




#36
 1,1-Dichloropropene
 Concen: 4.531 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006539.D
 Acq: 31 Oct 2018 20:54

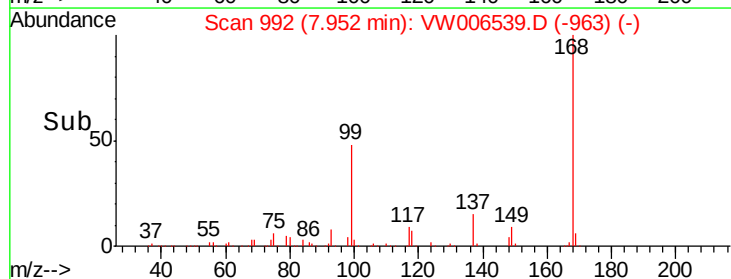
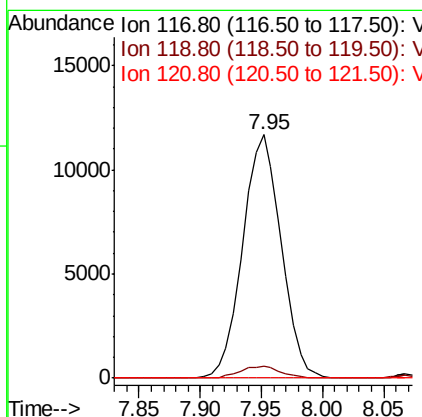
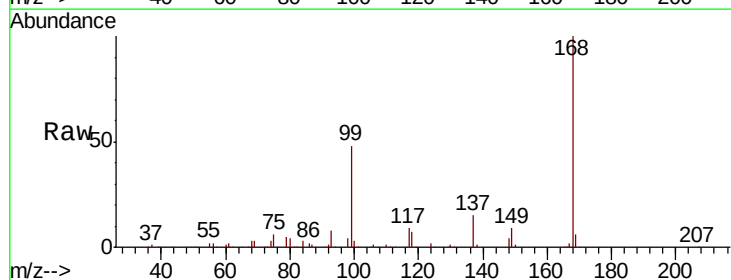
Instrument :
 MSVOA_W
 ClientSampled :

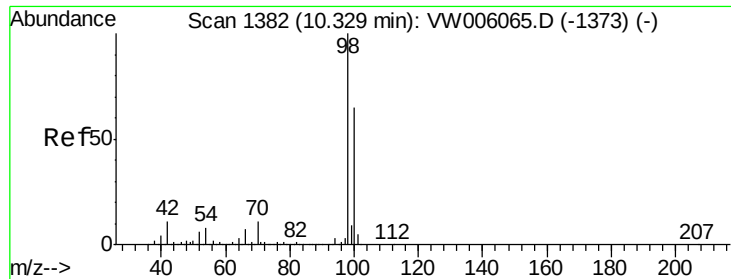
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.997 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006539.D
 Acq: 31 Oct 2018 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 40.601 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

Instrument :

MSVOA_W

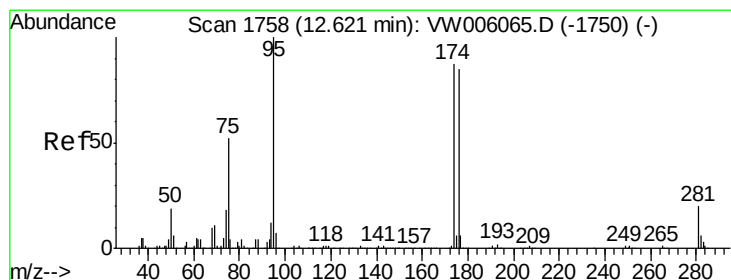
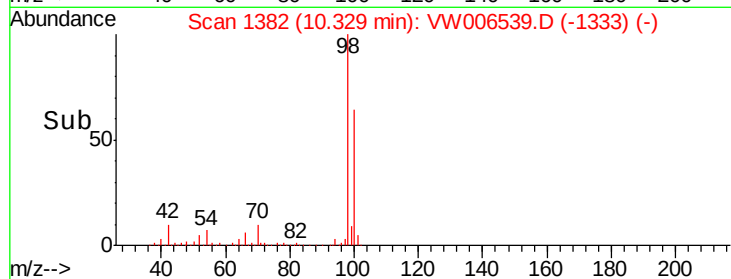
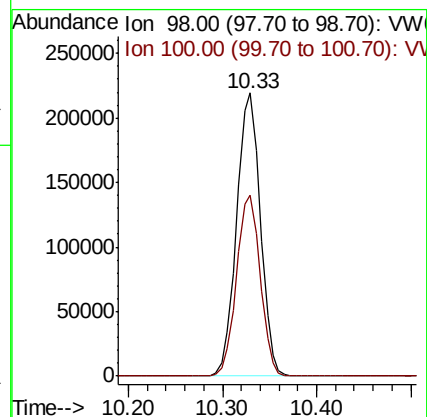
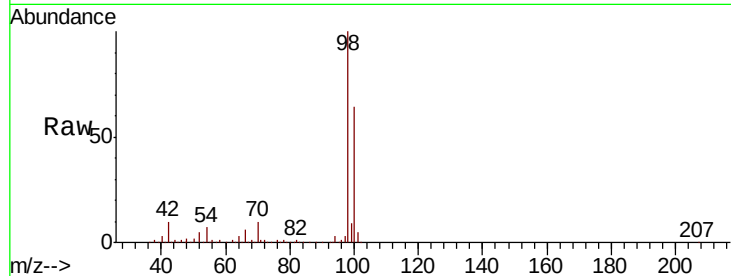
ClientSampleId :

Tot Ion: 98 Resp: 384231

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.445 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

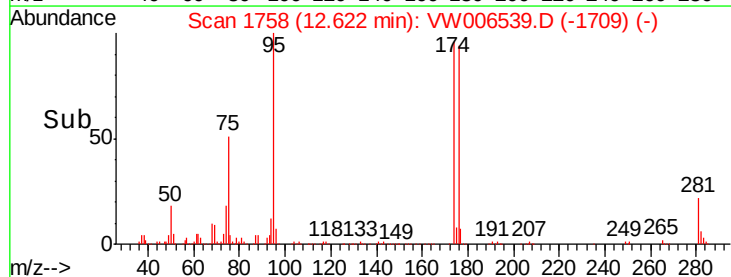
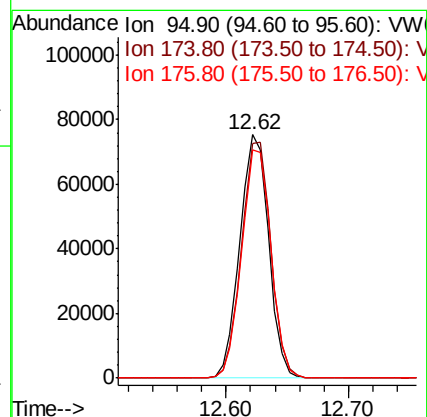
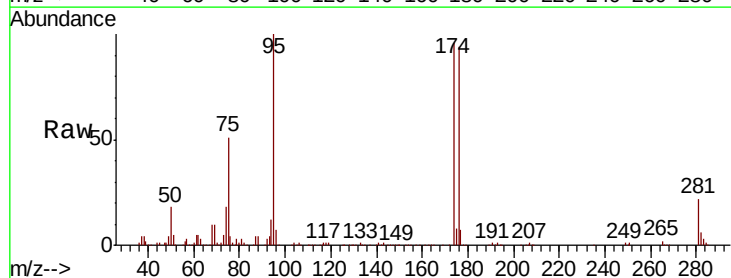
Tgt Ion: 95 Resp: 122430

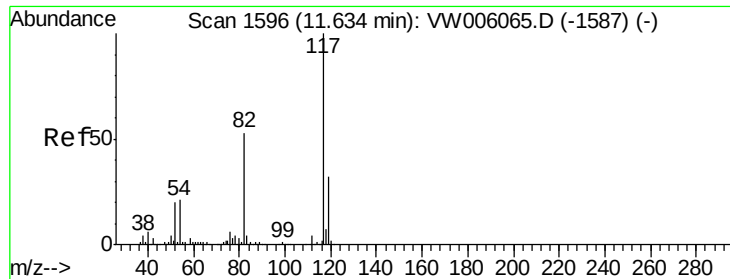
Ion Ratio Lower Upper

95 100

174 98.9 0.0 186.0

176 96.0 0.0 181.6

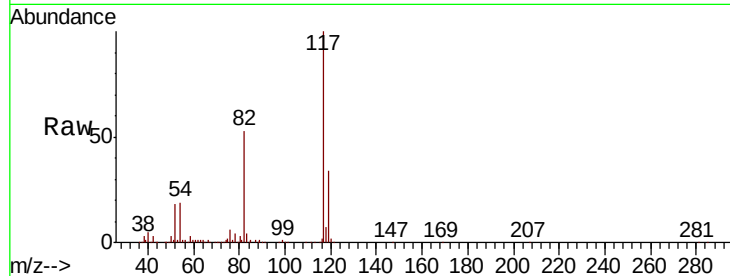




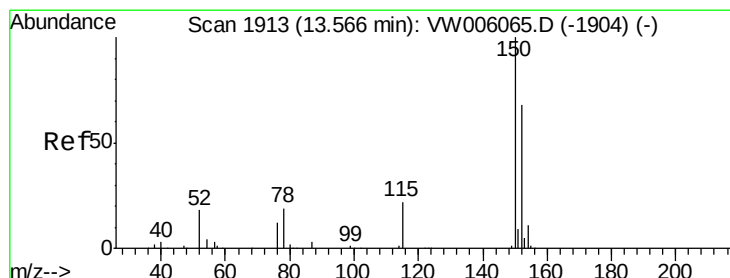
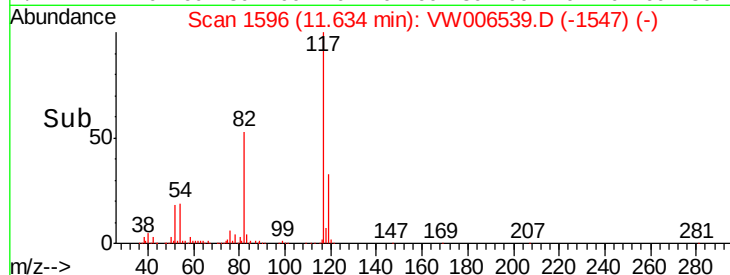
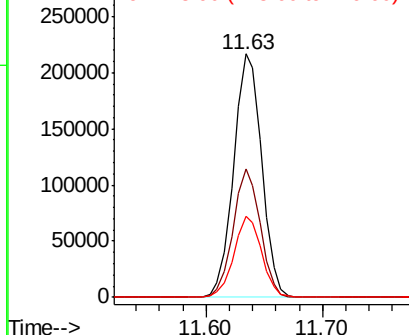
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006539.D
Acq: 31 Oct 2018 20:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 363773
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 33.3 25.8 38.6

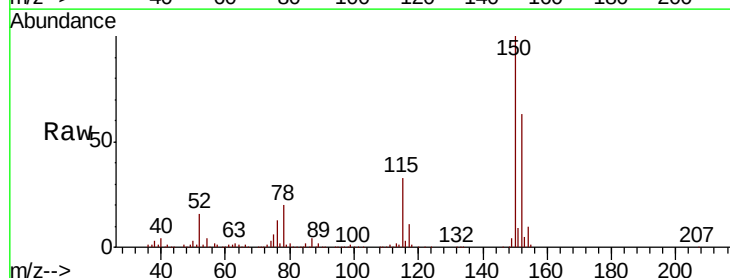


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

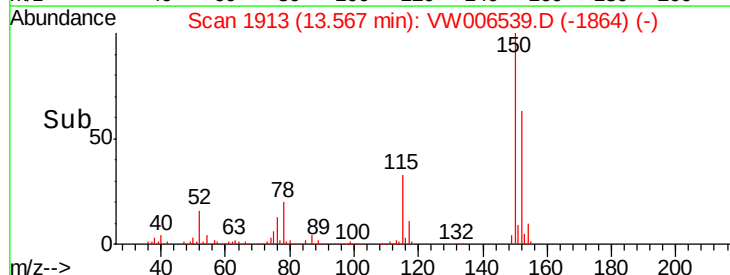
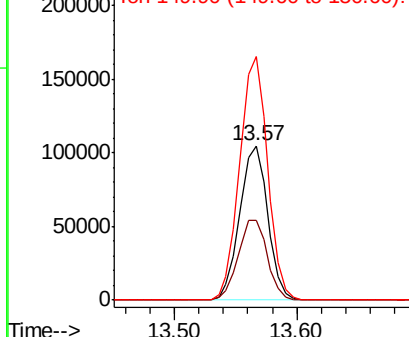


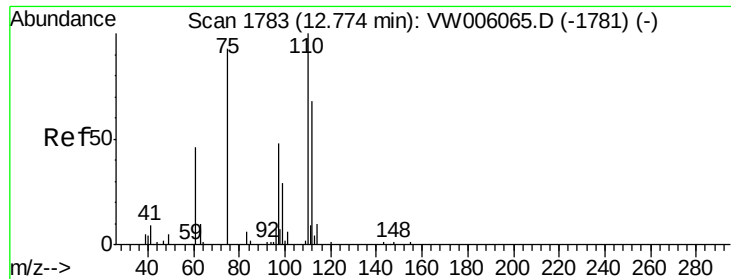
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006539.D
Acq: 31 Oct 2018 20:54

Tgt Ion:152 Resp: 166108
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.3
150 157.7 0.0 349.2



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: 48.239 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

Instrument :

MSVOA_W

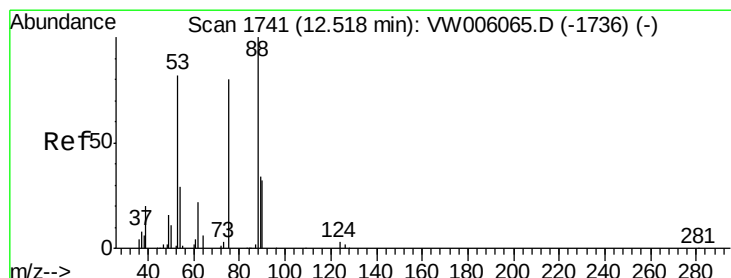
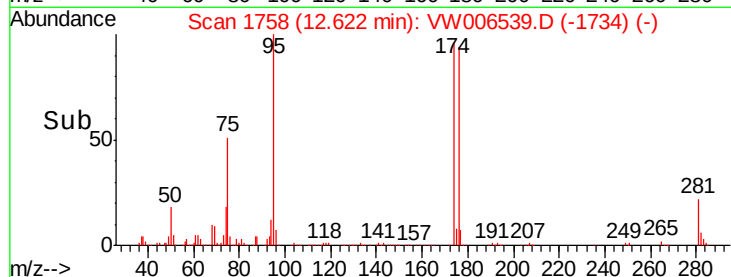
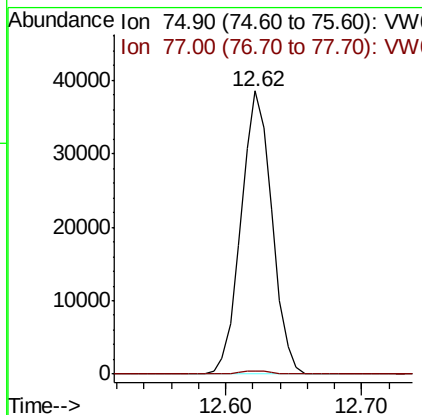
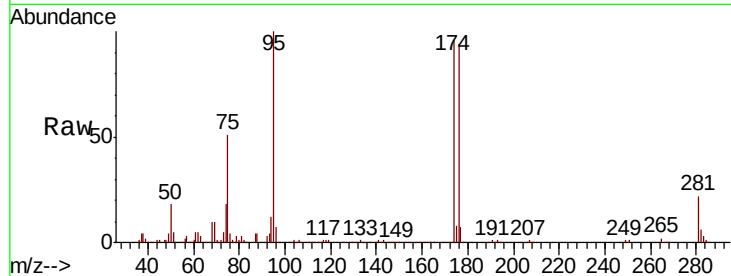
ClientSampleId :

Tot Ion: 75 Resp: 61203

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.311 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006539.D

Acq: 31 Oct 2018 20:54

Tgt Ion: 75 Resp: 61203

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

