

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006754.D
 Acq On : 07 Nov 2018 23:00
 Operator : SY/AP
 Sample : J5813-03
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:50:50 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

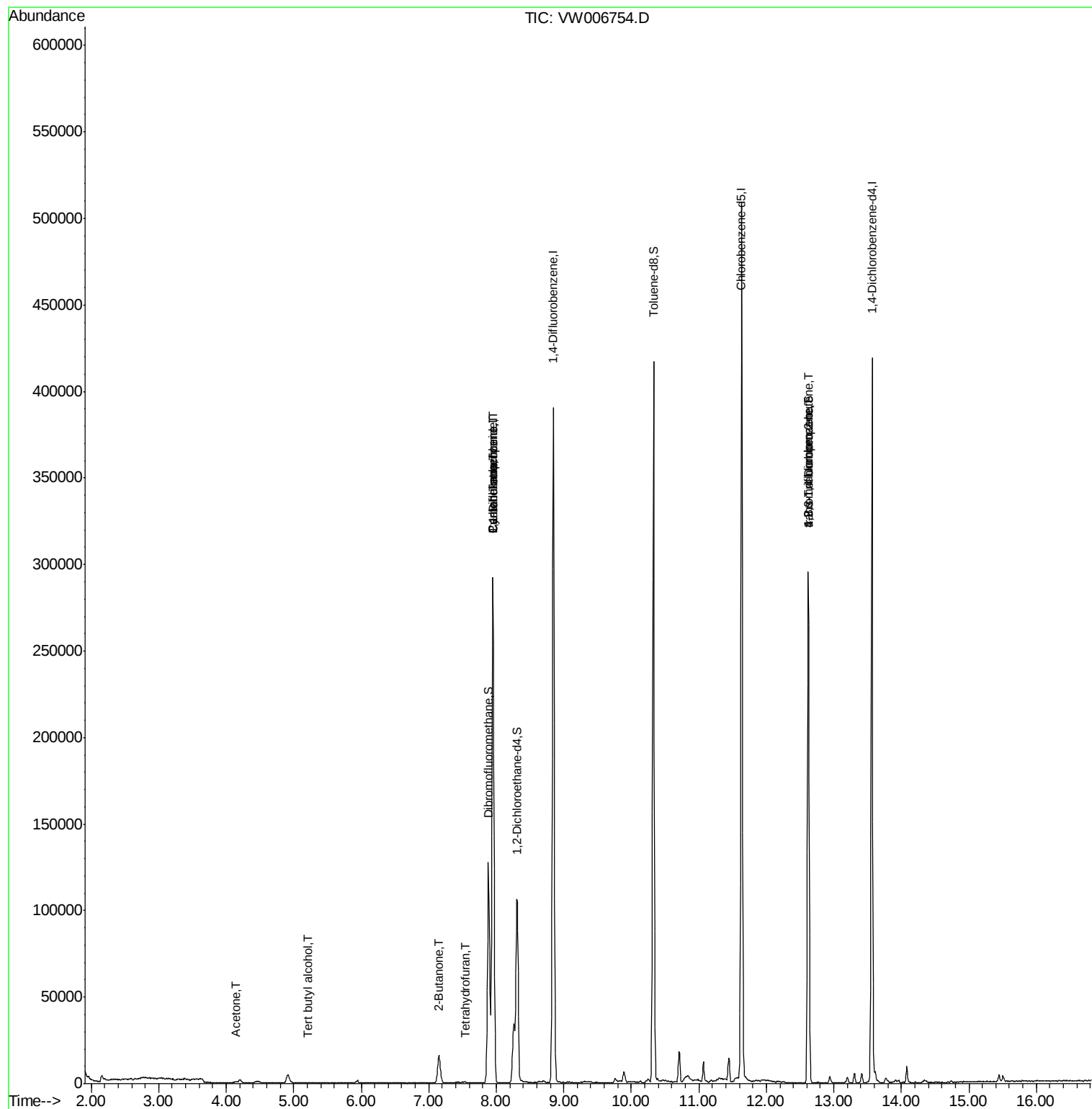
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	351543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	120001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84999	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
35) Dibromofluoromethane	7.88	113	90028	40.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.62%	
50) Toluene-d8	10.33	98	290285	34.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.12%	
62) 4-Bromofluorobenzene	12.62	95	83573	27.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	301	2.762	ug/l #	84
16) Acetone	4.15	43	1488	4.557	ug/l #	87
20) Methylene Chloride	4.92	84	4422	Below Cal	#	83
25) 2-Butanone	7.16	43	858	1.842	ug/l #	46
29) Tetrahydrofuran	7.54	42	350	1.194	ug/l #	33
31) Cyclohexane	7.95	56	3922	1.218	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	14500	4.690	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20182	6.248	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	40290	43.032	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40290	108.171	ug/l #	11

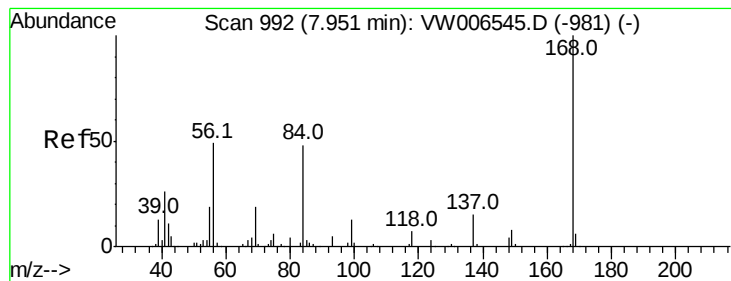
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 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: VW006754.D

Acq: 07 Nov 2018 23:00

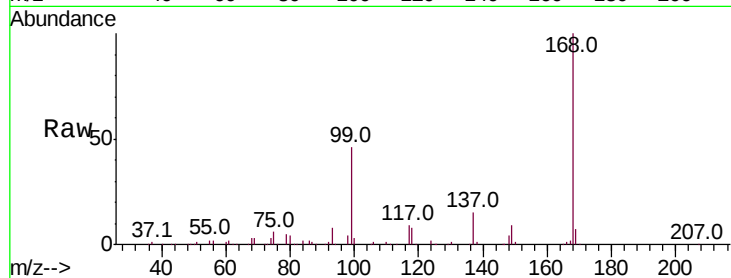
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 235266

Ion Ratio Lower Upper

168 100

99 46.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

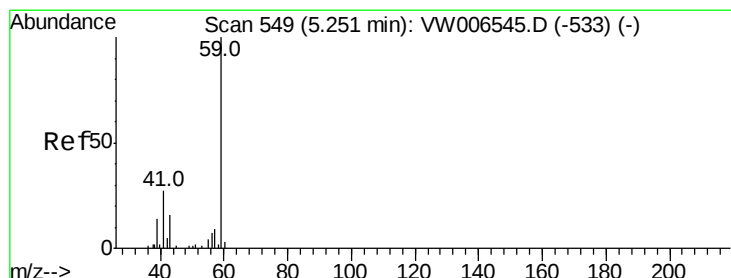
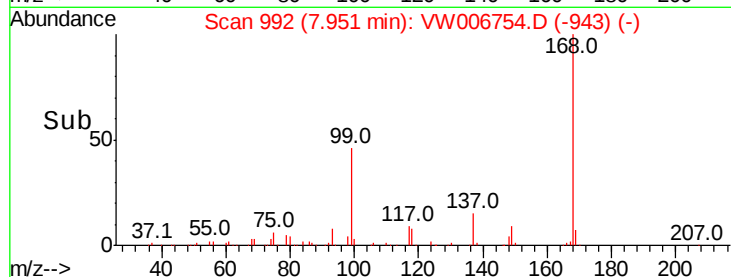
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.762 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.04 min

Lab File: VW006754.D

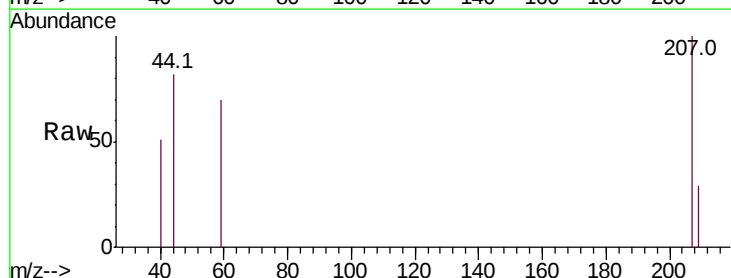
Acq: 07 Nov 2018 23:00

Tgt Ion: 59 Resp: 301

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

5.21

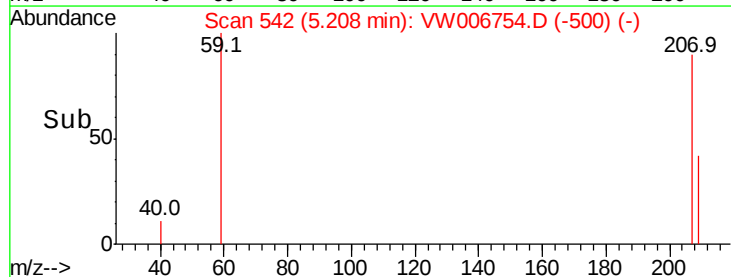
150

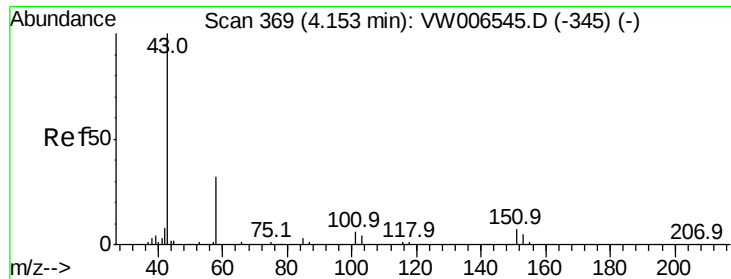
100

50

0

Time-->

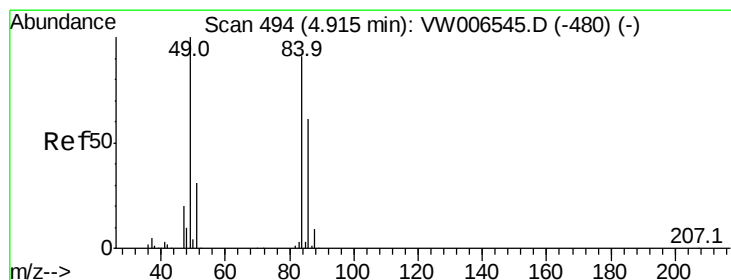
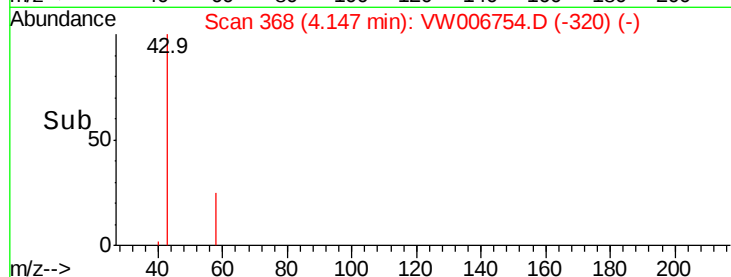
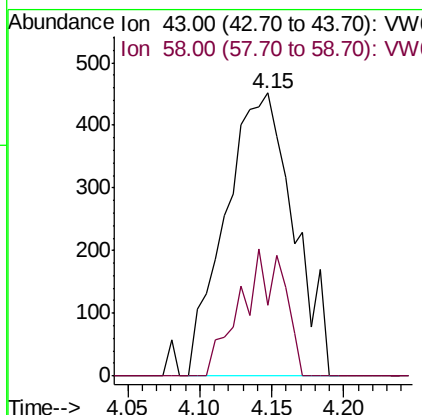
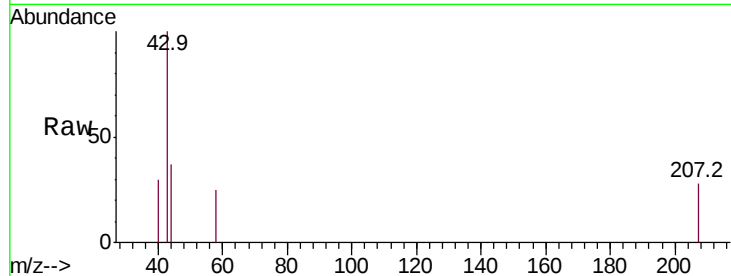




#16
Acetone
Concen: 4.557 ug/l
RT: 4.15 min Scan# 368
Delta R.T. -0.01 min
Lab File: VW006754.D
Acq: 07 Nov 2018 23:00

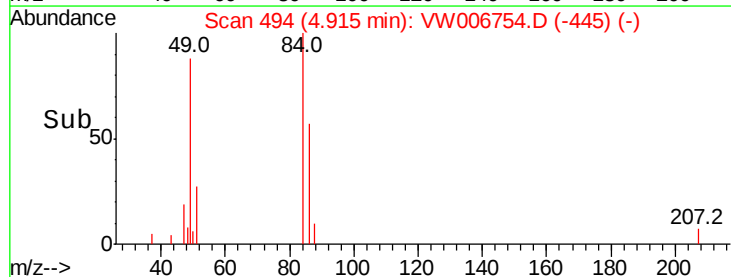
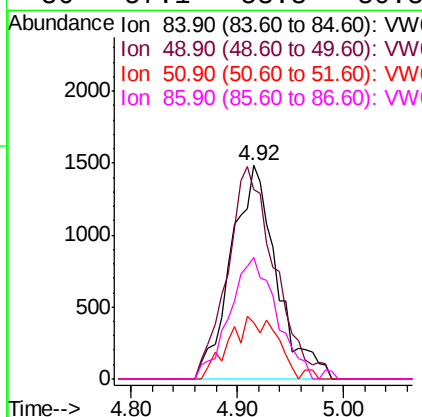
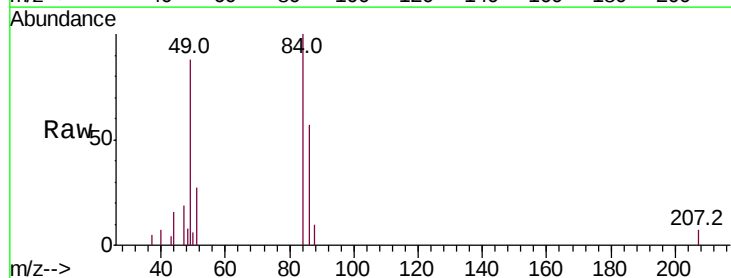
Instrument :
MSVOA_W
ClientSampleId :

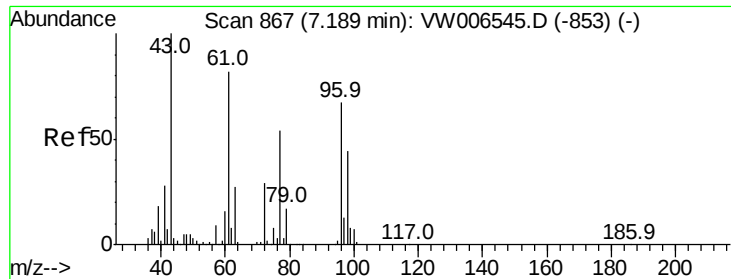
Tot Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
58 25.0 25.8 38.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006754.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 84 Resp: 4422
Ion Ratio Lower Upper
84 100
49 88.5 88.2 132.4
51 26.5 27.0 40.6#
86 57.1 53.8 80.8





#25

2-Butanone

Concen: 1.842 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.03 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

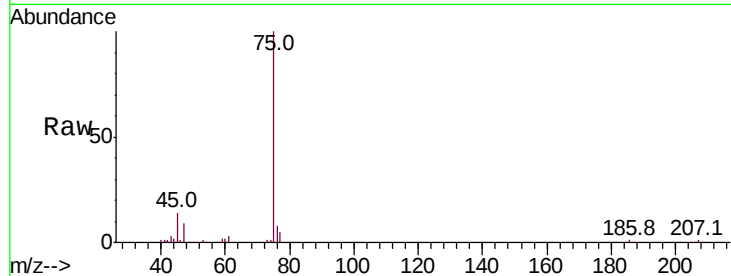
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 858

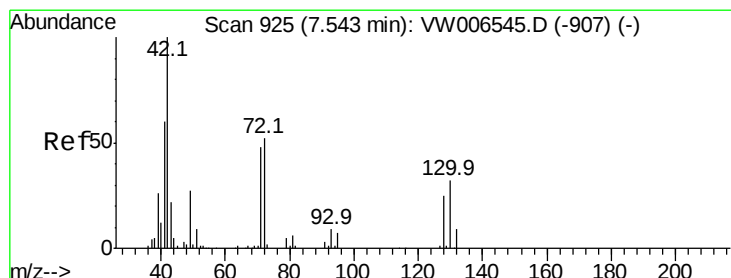
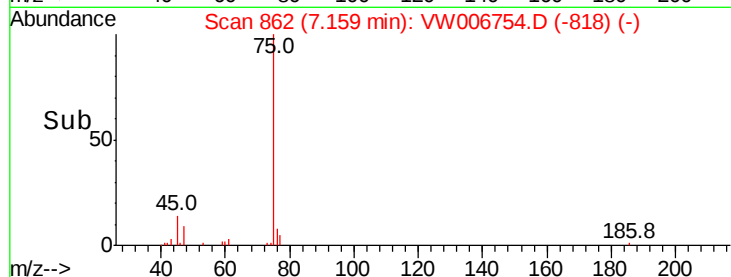
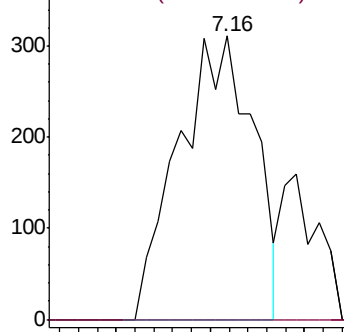
Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 1.194 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

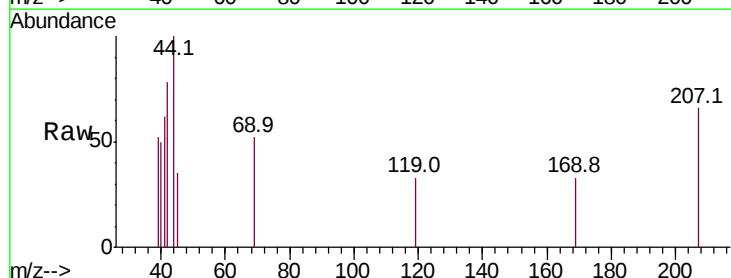
Tgt Ion: 42 Resp: 350

Ion Ratio Lower Upper

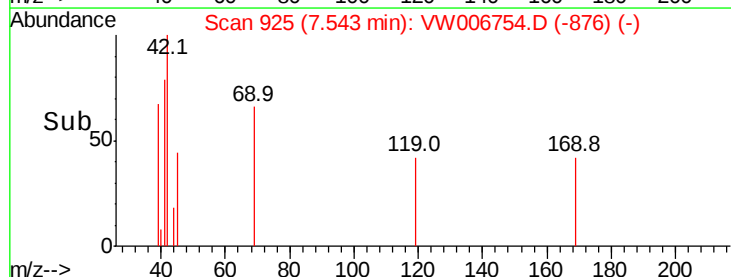
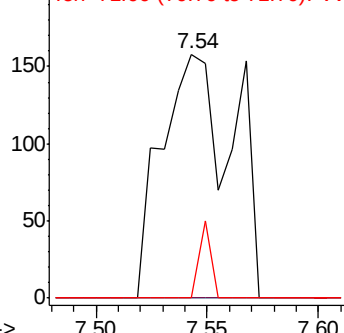
42 100

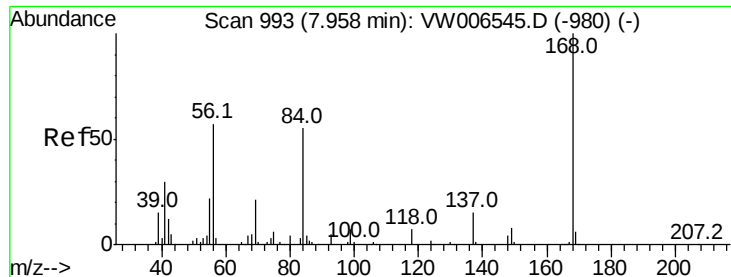
72 0.0 39.2 58.8#

71 5.1 37.6 56.4#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

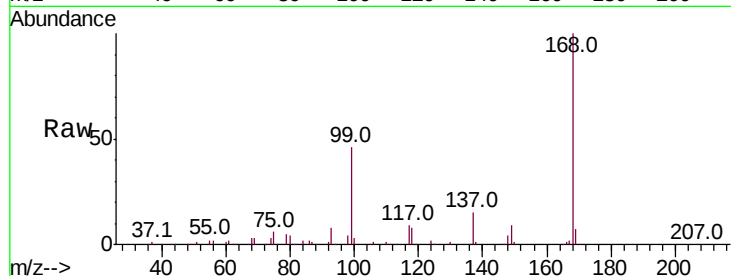




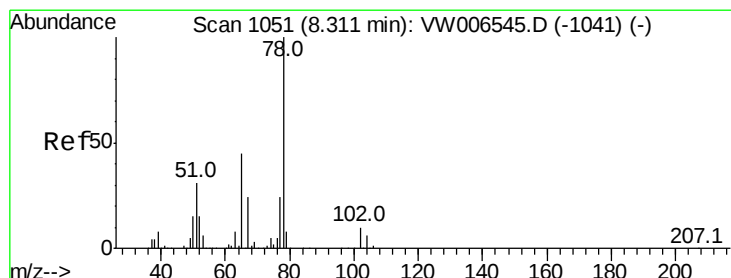
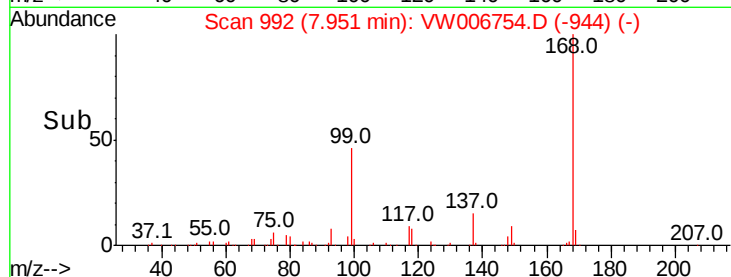
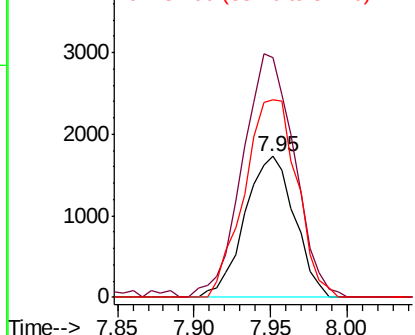
#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006754.D
Acq: 07 Nov 2018 23:00

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 3922
Ion Ratio Lower Upper
56 100
69 169.6 29.0 43.4#
84 140.2 77.8 116.6#

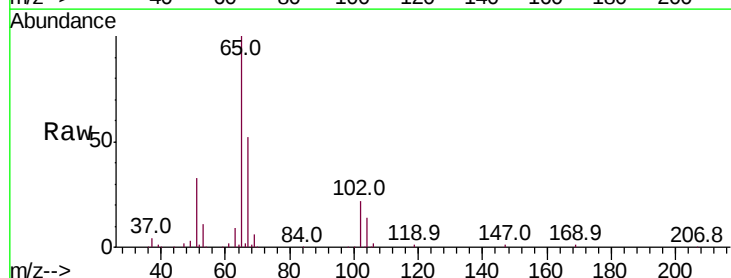


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

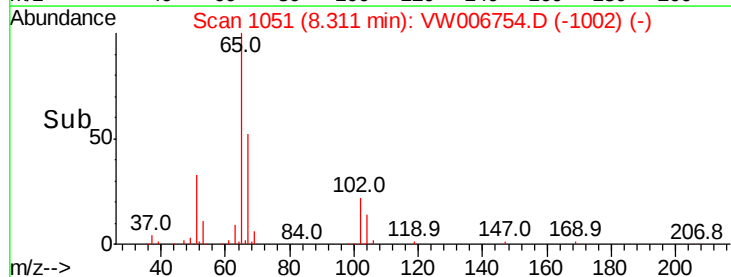
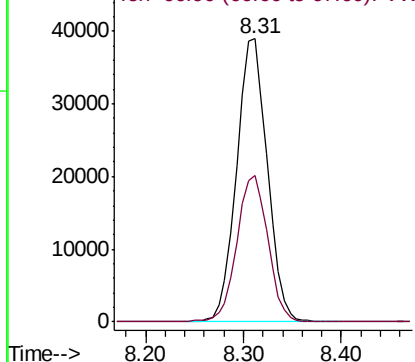


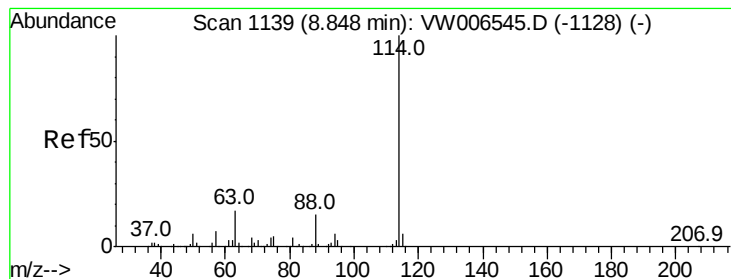
#33
1,2-Dichloroethane-d4
Concen: 42.030 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006754.D
Acq: 07 Nov 2018 23:00

Tgt Ion: 65 Resp: 84999
Ion Ratio Lower Upper
65 100
67 52.4 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: VW006754.D

Acq: 07 Nov 2018 23:00

Instrument :

MSVOA_W

ClientSampleId :

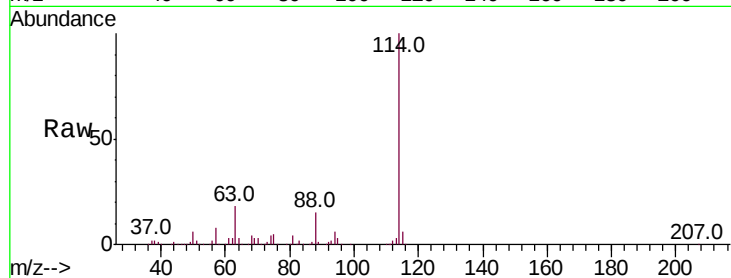
Tot Ion:114 Resp: 351543

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

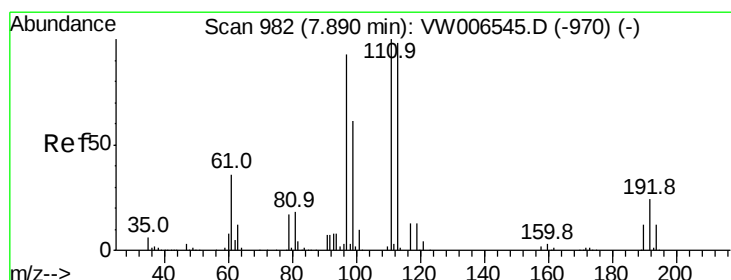
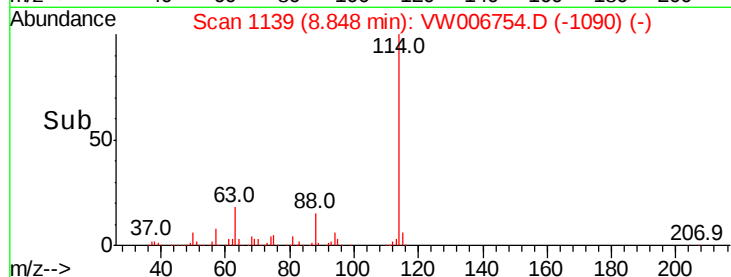
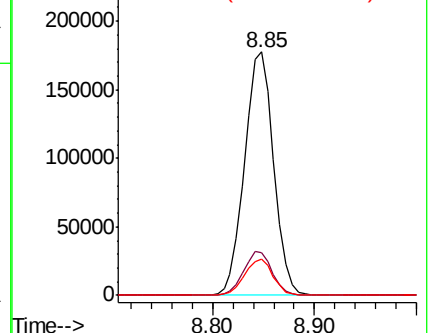
88 14.7 0.0 29.0



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: 40.807 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

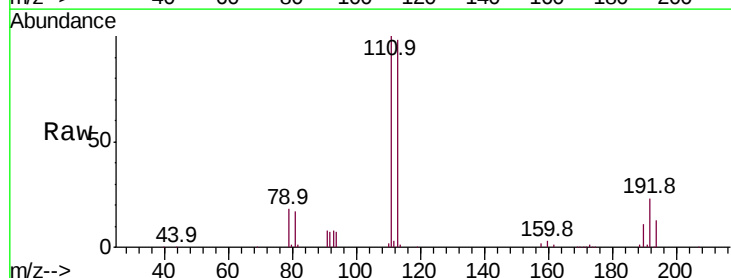
Tgt Ion:113 Resp: 90028

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

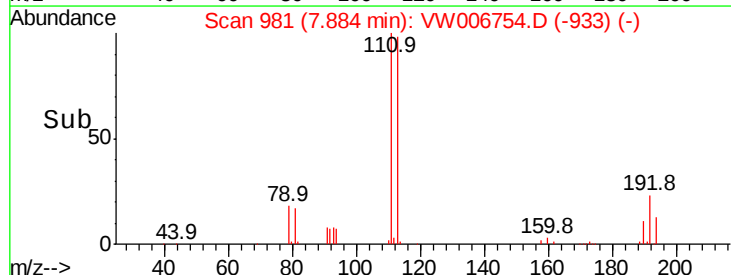
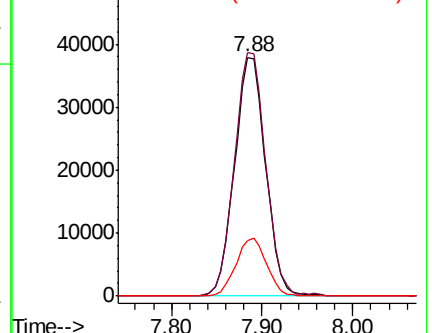
192 23.8 19.0 28.6

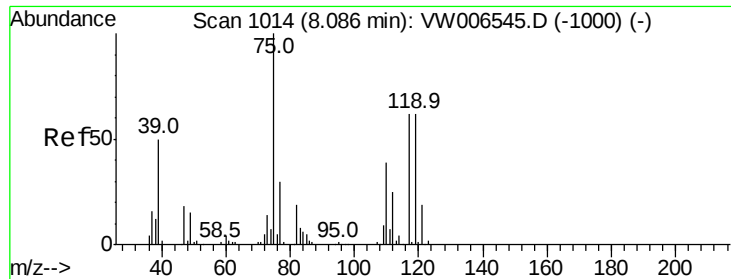


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

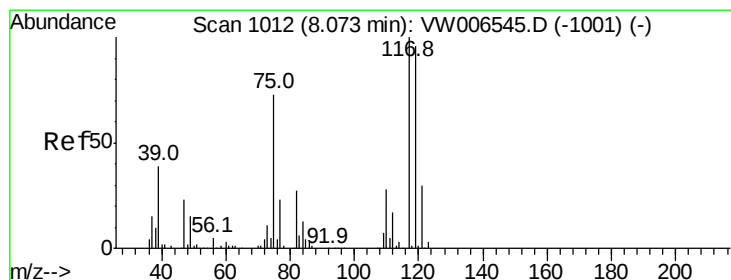
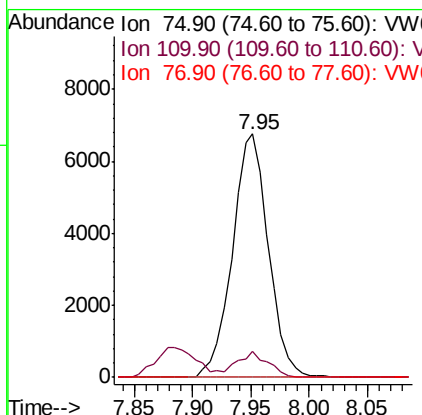
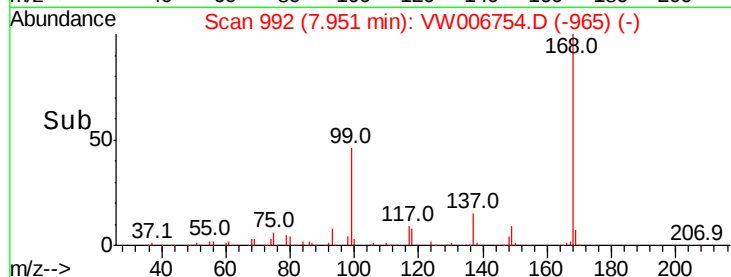
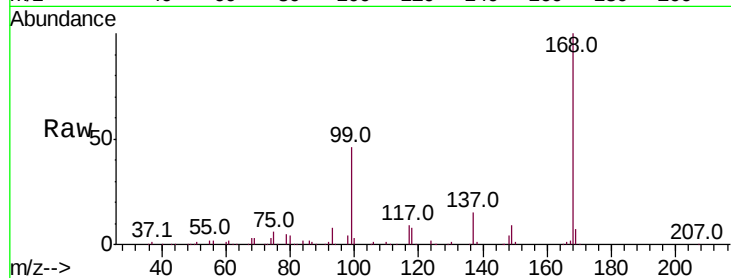




#36
 1,1-Dichloropropene
 Concen: 4.690 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006754.D
 Acq: 07 Nov 2018 23:00

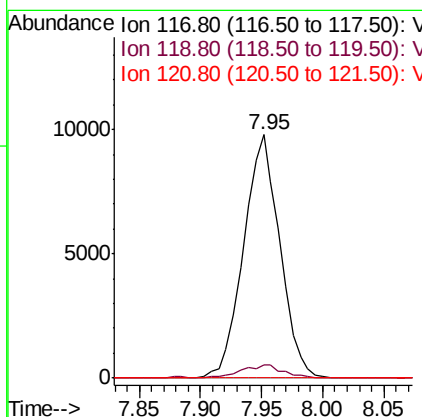
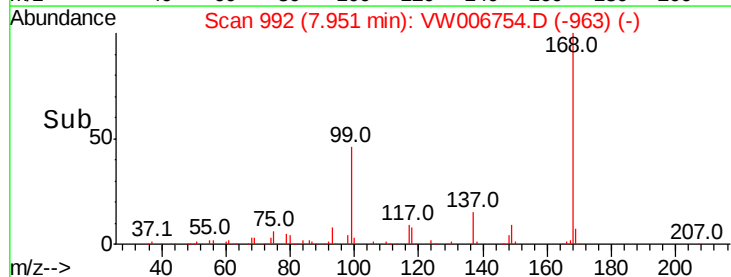
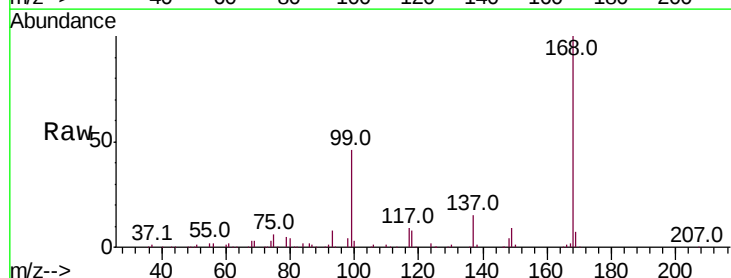
Instrument :
 MSVOA_W
 ClientSampleId :

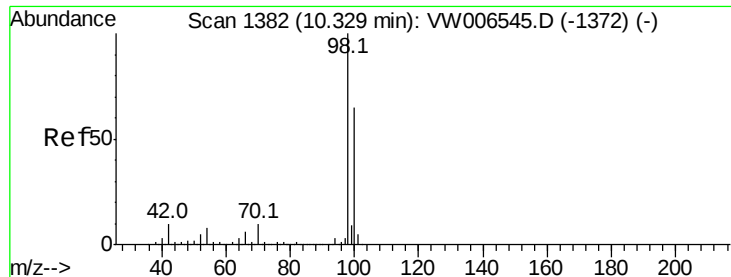
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.248 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006754.D
 Acq: 07 Nov 2018 23:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.3	114.5#
121	0.0	24.1	36.1#





#50

Toluene-d8

Concen: 34.563 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

Instrument :

MSVOA_W

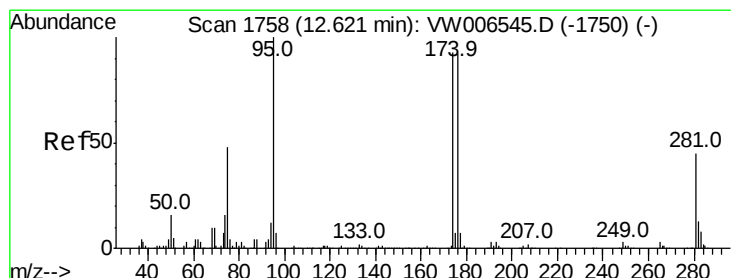
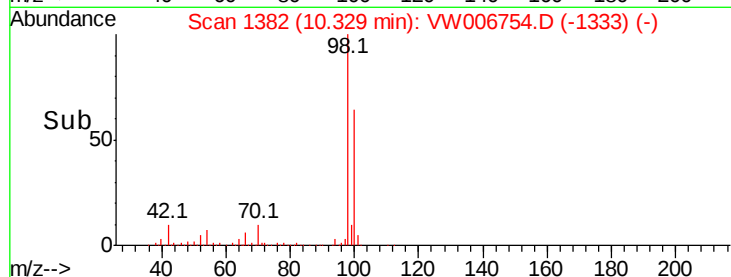
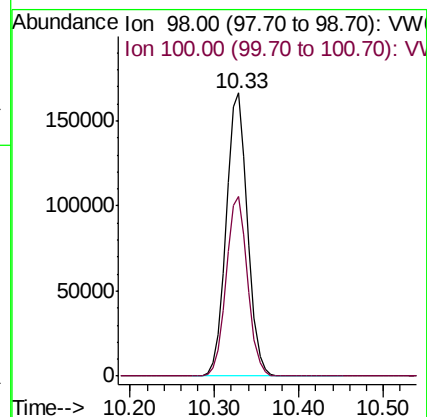
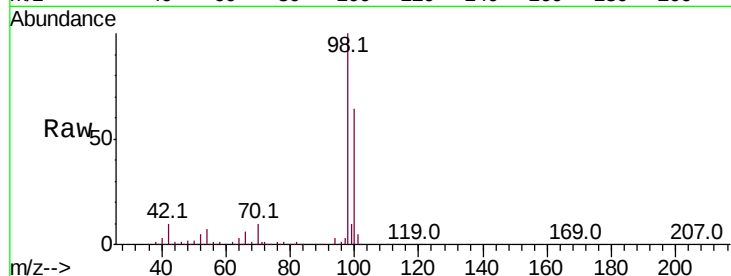
ClientSampleId :

Tot Ion: 98 Resp: 290285

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 27.447 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

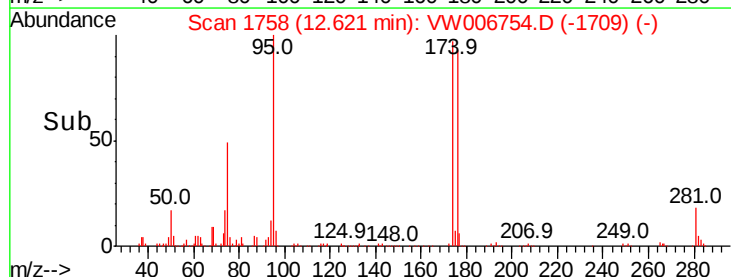
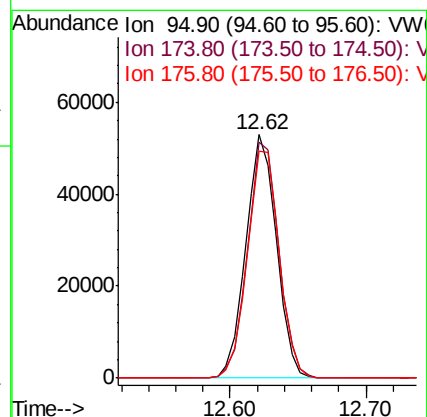
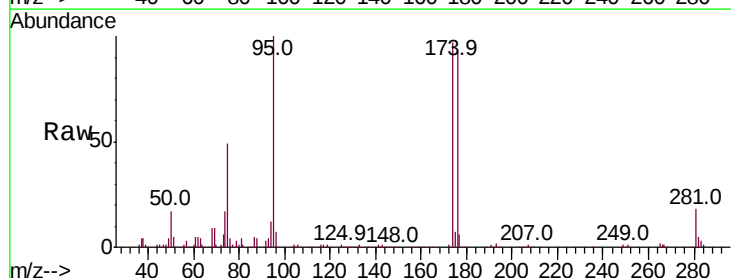
Tgt Ion: 95 Resp: 83573

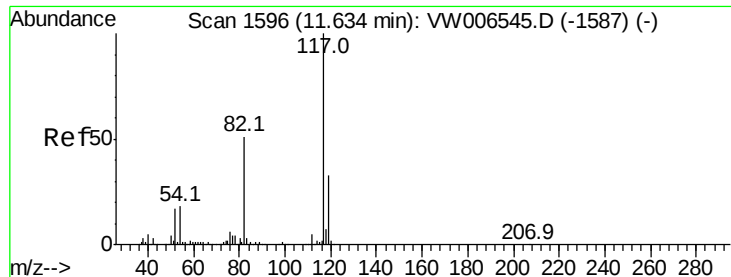
Ion Ratio Lower Upper

95 100

174 99.2 0.0 192.4

176 97.2 0.0 187.4

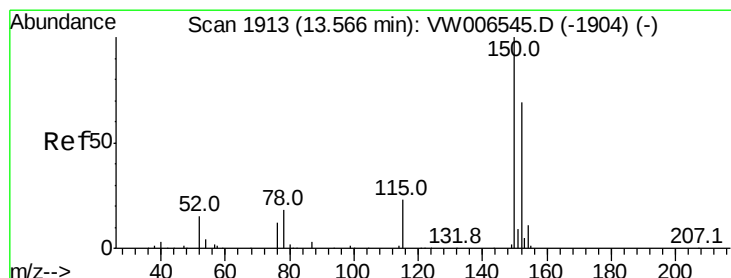
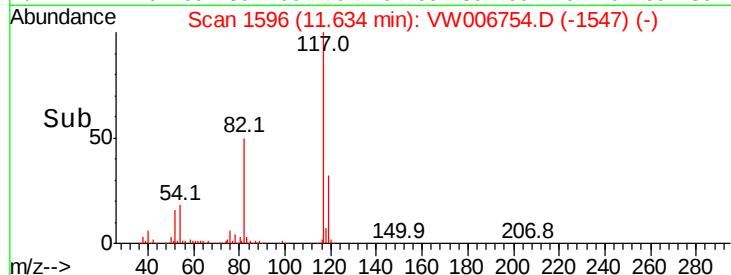
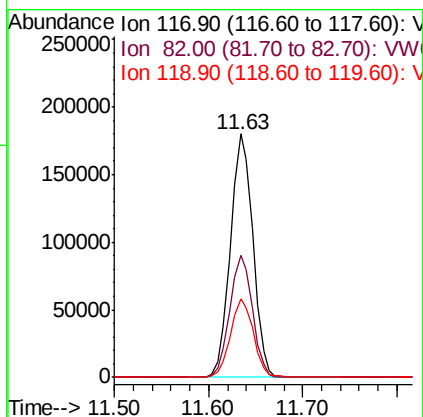
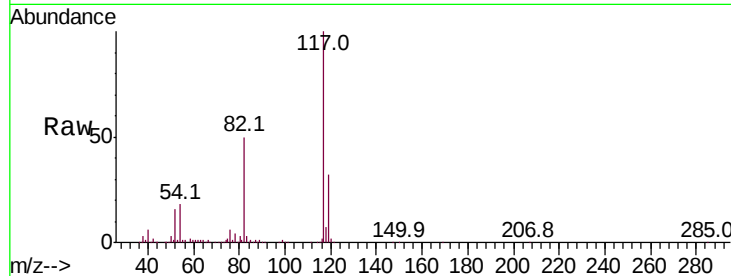




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006754.D
Acq: 07 Nov 2018 23:00

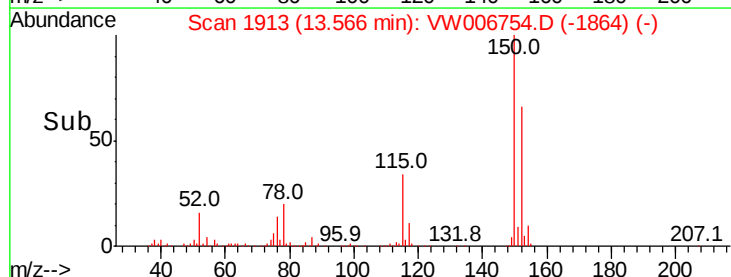
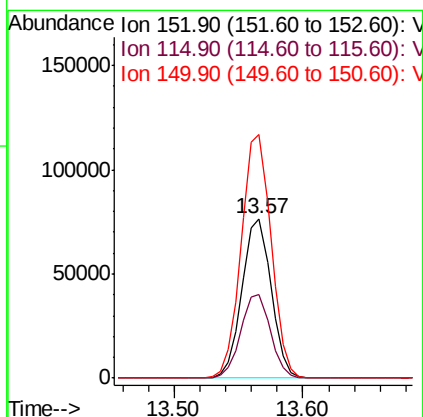
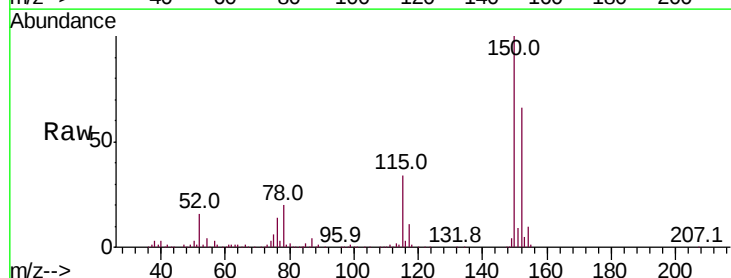
Instrument :
MSVOA_W
ClientSampled :

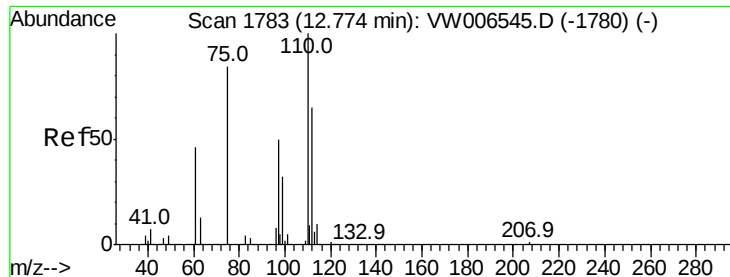
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.8	61.2
119	32.2	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006754.D
Acq: 07 Nov 2018 23:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.6	79.8
150	156.1	0.0	344.6





#76

1,2,3-Trichloropropane

Concen: 43.032 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

Instrument :

MSVOA_W

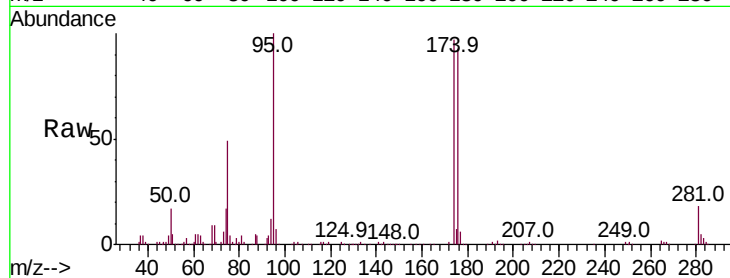
ClientSampleId :

Tot Ion: 75 Resp: 40290

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.62

25000

20000

15000

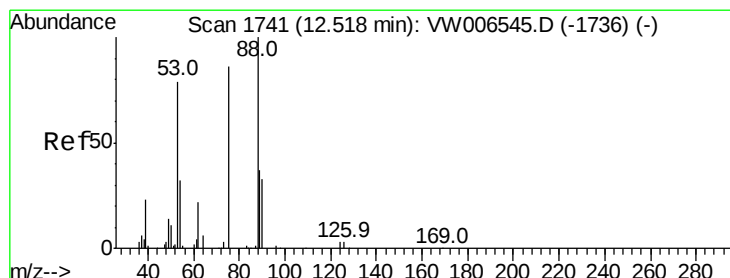
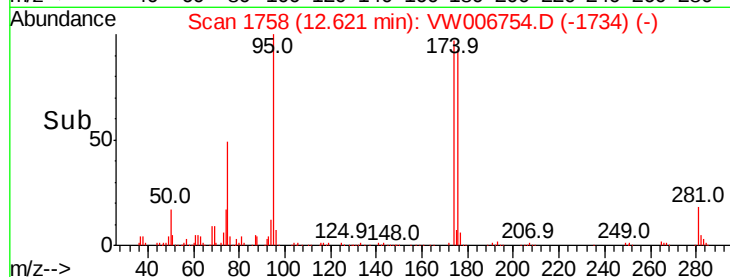
10000

5000

0

Time-->

12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 108.171 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006754.D

Acq: 07 Nov 2018 23:00

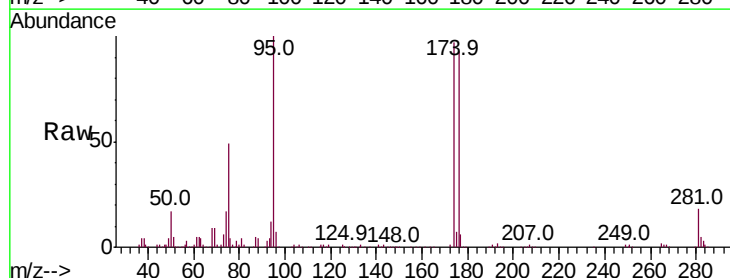
Tgt Ion: 75 Resp: 40290

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.1 38.6 58.0#



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

12.62

30000

20000

10000

0

Time-->

12.55 12.60 12.65 12.70

