

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005648.D
 Acq On : 26 Sep 2018 09:22
 Operator : VA/AP
 Sample : J5070-10
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200028

Quant Time: Sep 26 11:42:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	370833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	636975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	548087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	251603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	230285	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	
35) Dibromofluoromethane	7.89	113	202431	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	10.33	98	730785	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.63	95	265111	43.93	ug/l	0.00
Spiked Amount			Recovery	=	87.86%	

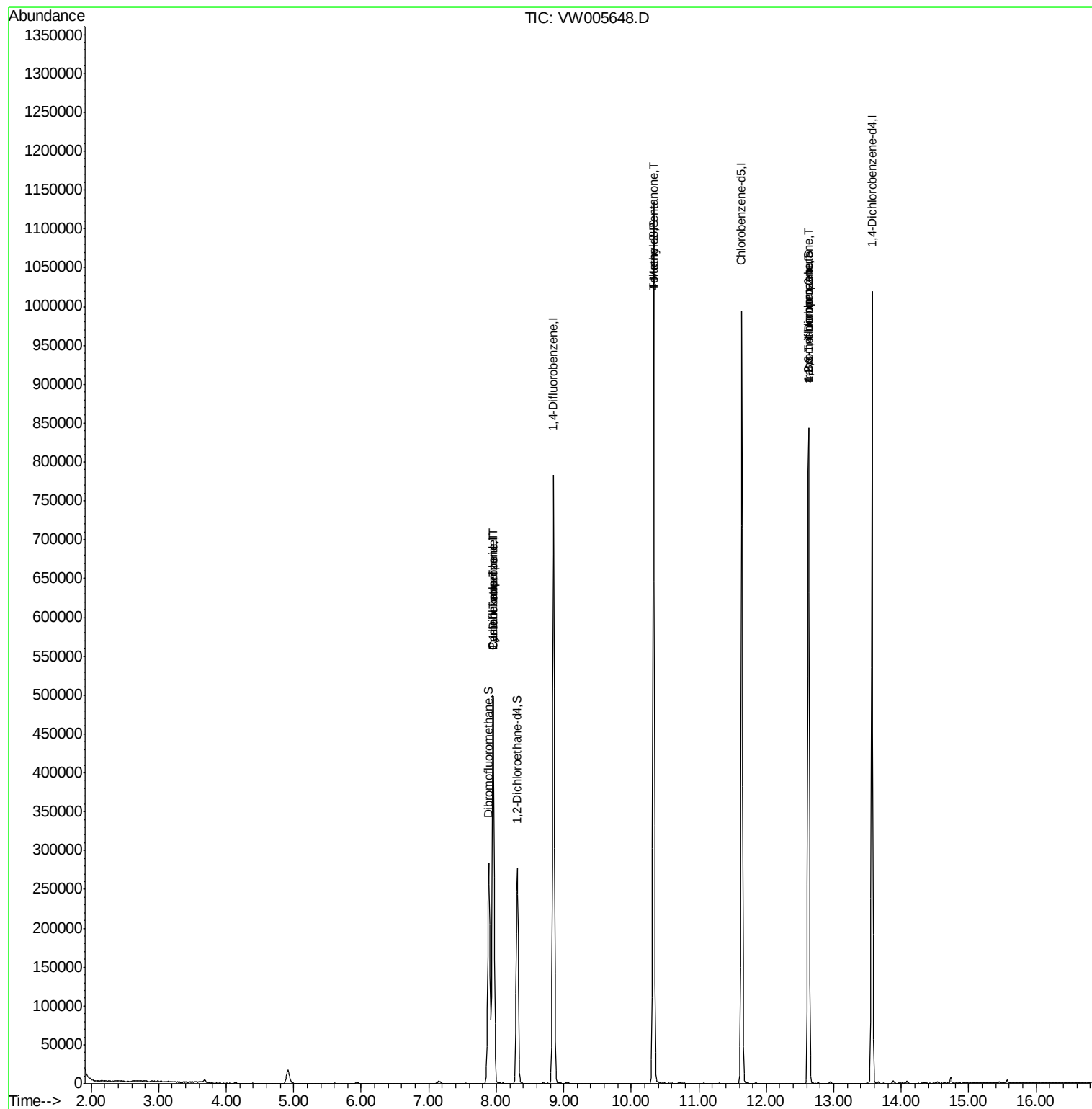
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	49	Below Cal	#	72
16) Acetone	4.14	43	717	Below Cal		98
20) Methylene Chloride	4.92	84	14201	Below Cal		91
31) Cyclohexane	7.95	56	8392	1.239	ug/l #	23
36) 1,1-Dichloropropene	7.96	75	29347	4.577	ug/l #	51
38) Carbon Tetrachloride	7.95	117	36367	5.293	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	3338	1.249	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	140041	65.295	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	140041	147.064	ug/l #	7

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

Instrument :

MSVOA_W

ClientSampleId :

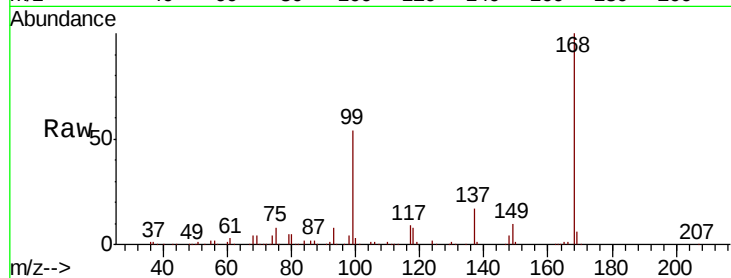
CS-RBR-200028

Tot Ion:168 Resp: 370833

Ion Ratio Lower Upper

168 100

99 53.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

200000 Ion 98.90 (98.60 to 99.60): VW

7.96

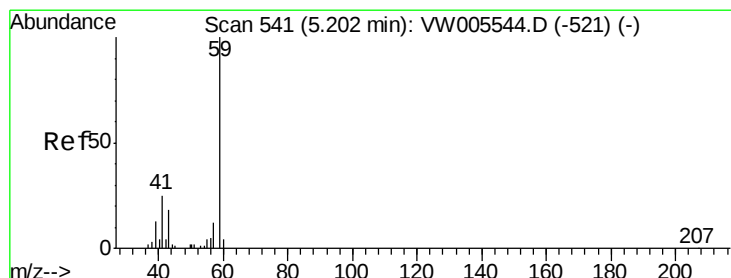
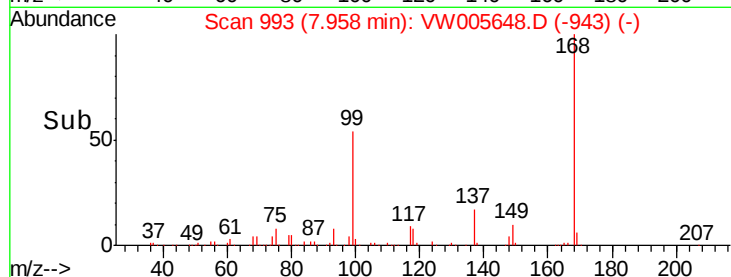
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.05 min

Lab File: VW005648.D

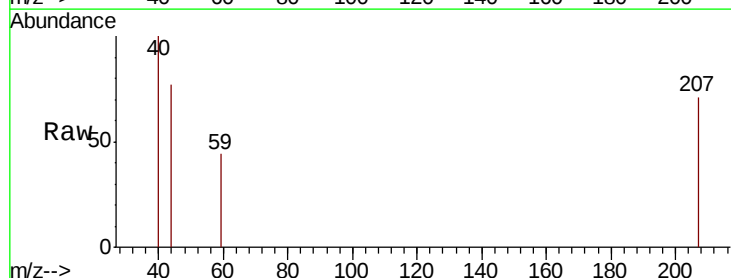
Acq: 26 Sep 2018 09:22

Tgt Ion: 59 Resp: 49

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

80 Ion 57.00 (56.70 to 57.70): VW

5.15

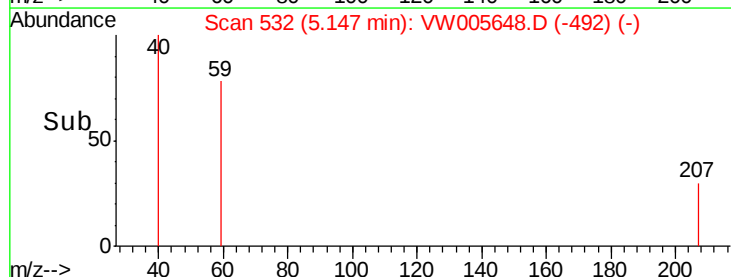
60

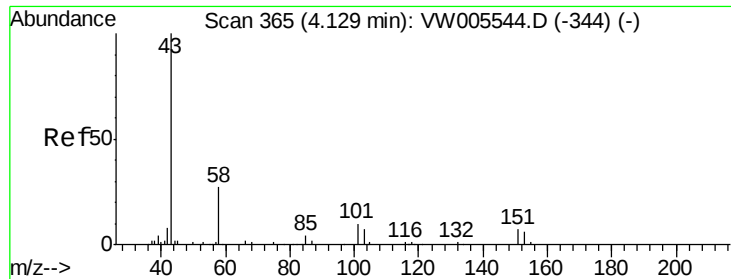
40

20

0

Time-->

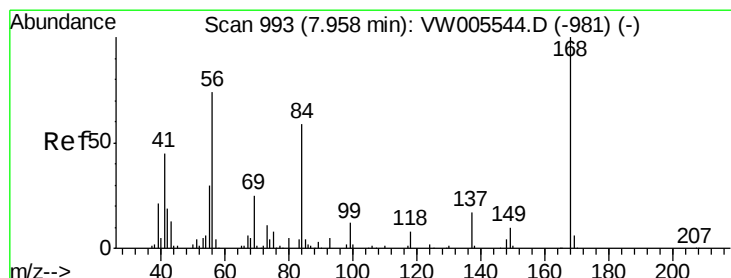
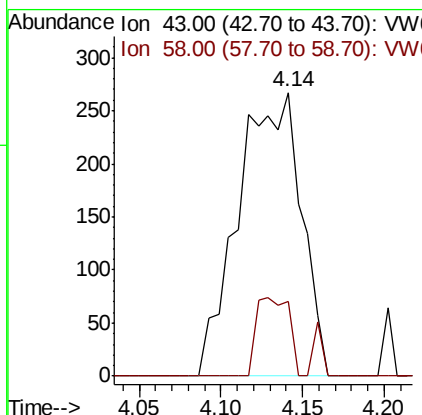
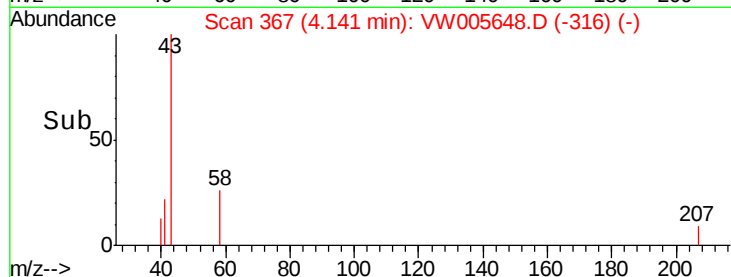
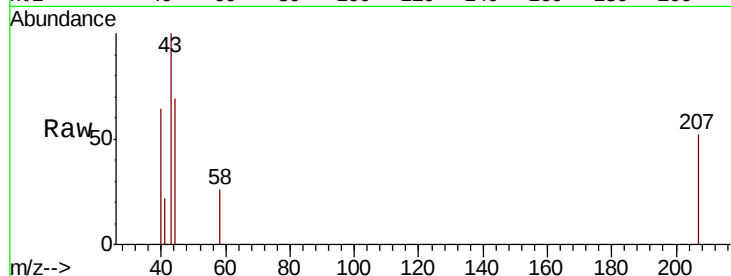




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005648.D
Acq: 26 Sep 2018 09:22

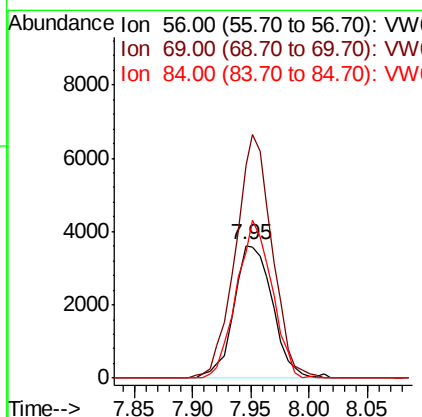
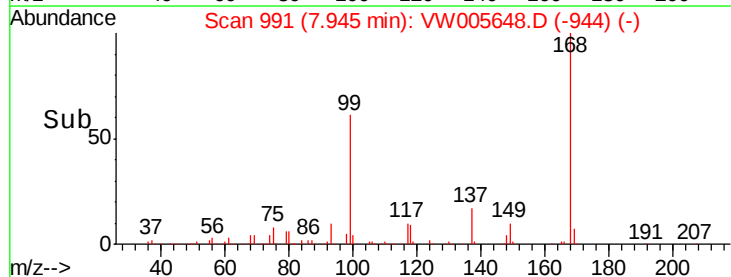
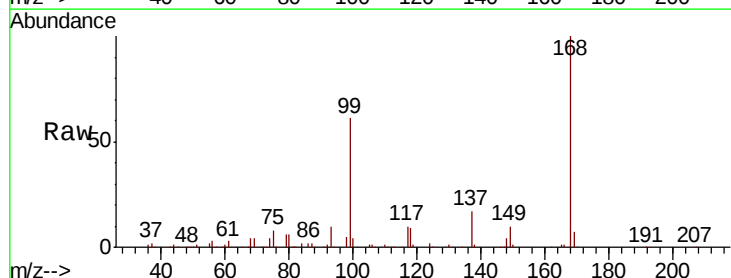
Instrument :
MSVOA_W
ClientSampleId :
CS-RBR-200028

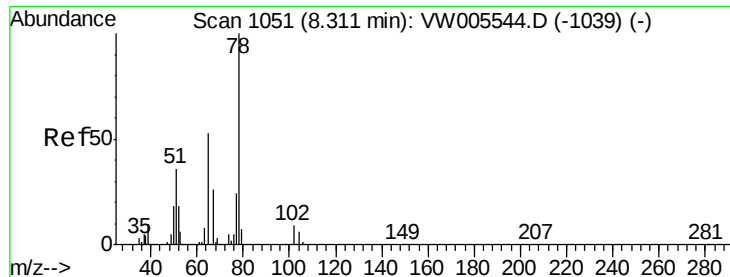
Tot Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 26.2 21.8 32.8



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW005648.D
Acq: 26 Sep 2018 09:22

Tgt Ion: 56 Resp: 8392
Ion Ratio Lower Upper
56 100
69 160.2 27.0 40.4#
84 94.9 64.2 96.4

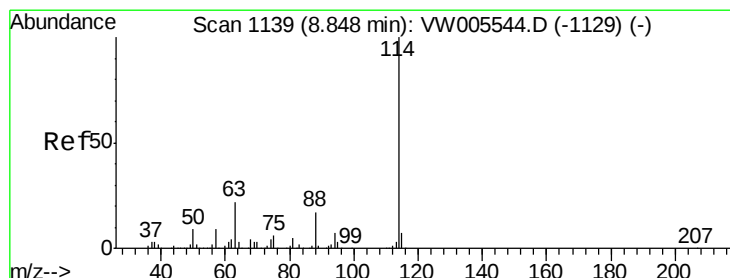
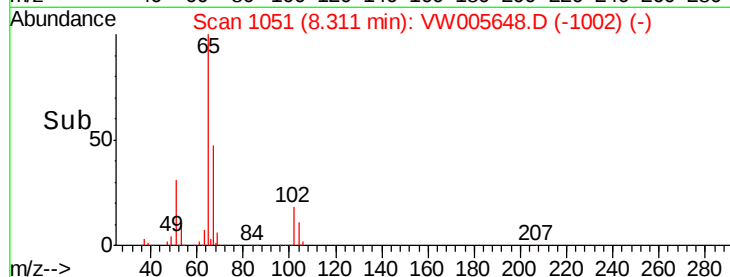
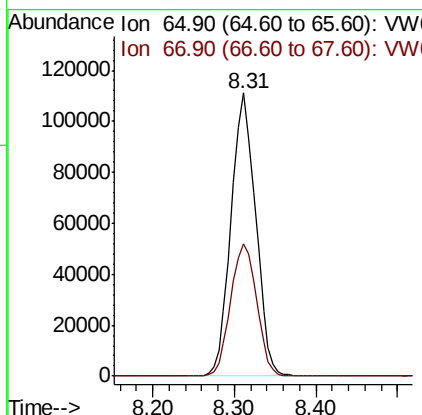
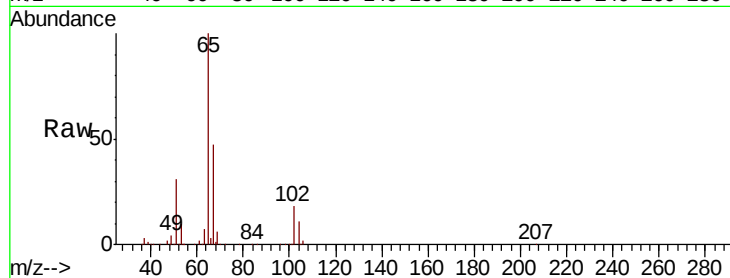




#33
 1,2-Dichloroethane-d4
 Concen: 52.713 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005648.D
 Acq: 26 Sep 2018 09:22

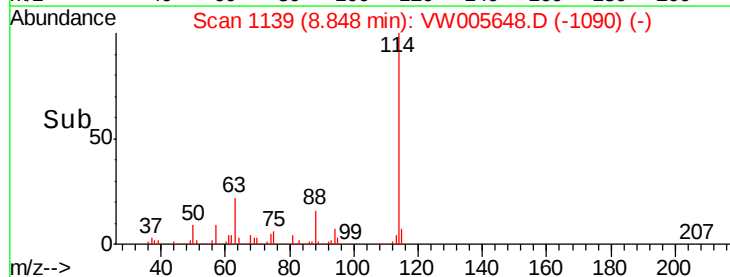
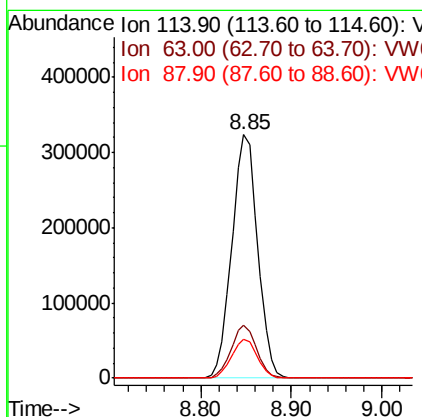
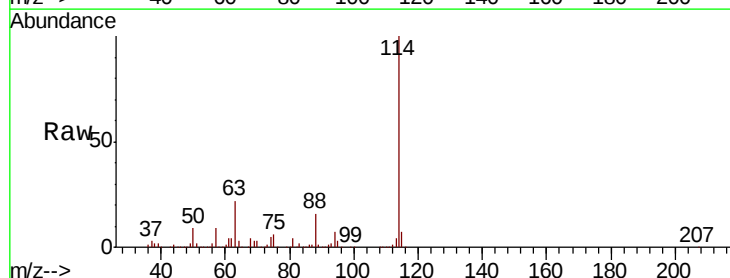
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200028

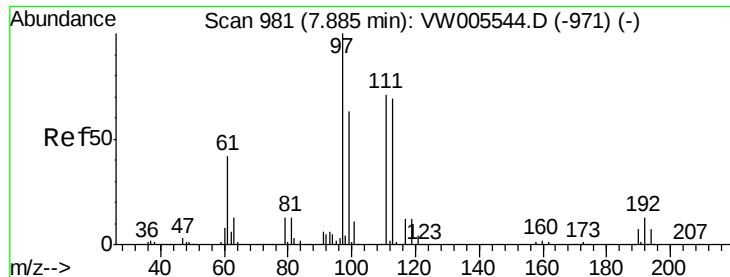
Tot Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005648.D
 Acq: 26 Sep 2018 09:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	16.0	0.0	33.0

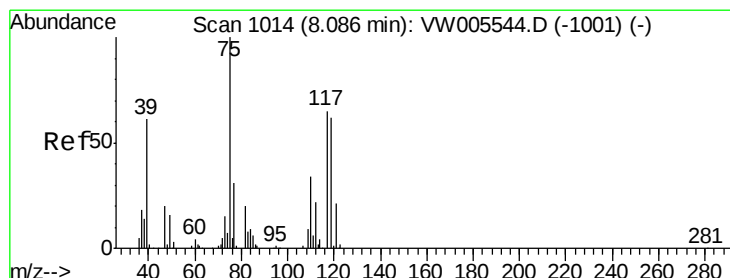
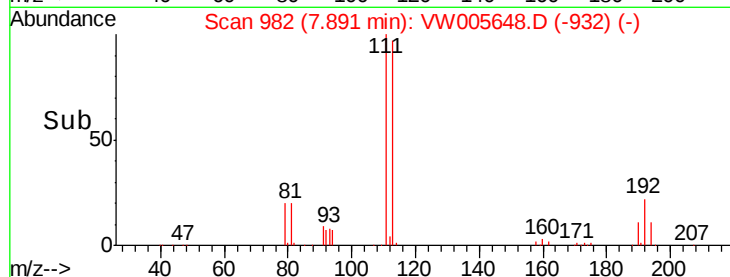
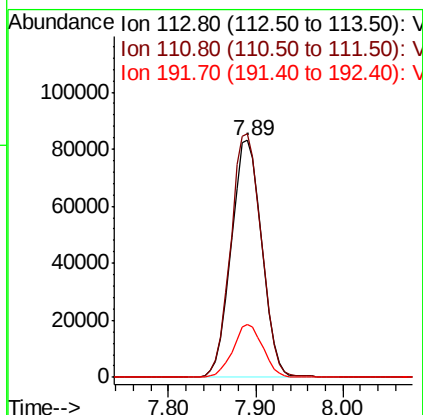
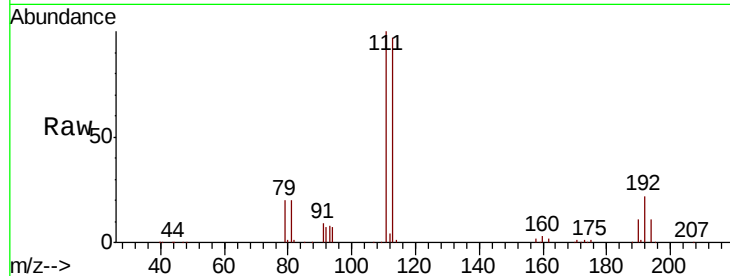




#35
 Dibromofluoromethane
 Concen: 50.536 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005648.D
 Acq: 26 Sep 2018 09:22

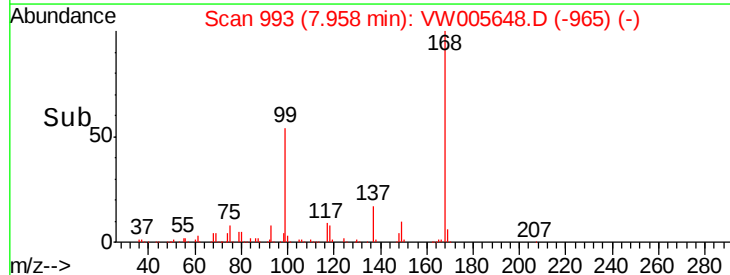
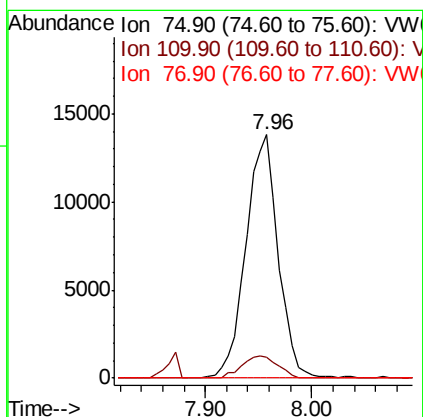
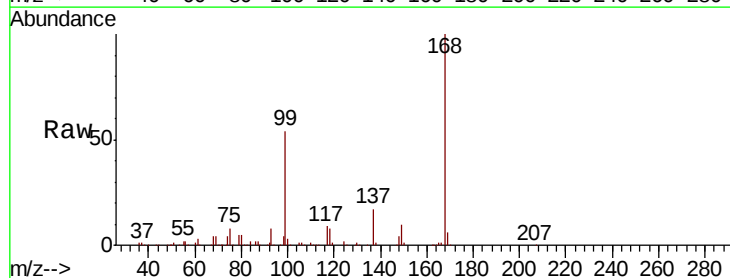
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200028

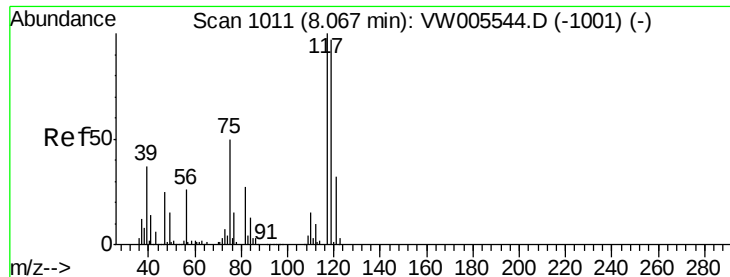
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	21.7	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.577 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005648.D
 Acq: 26 Sep 2018 09:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.0	50.9#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 5.293 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

Instrument :

MSVOA_W

ClientSampleId :

CS-RBR-200028

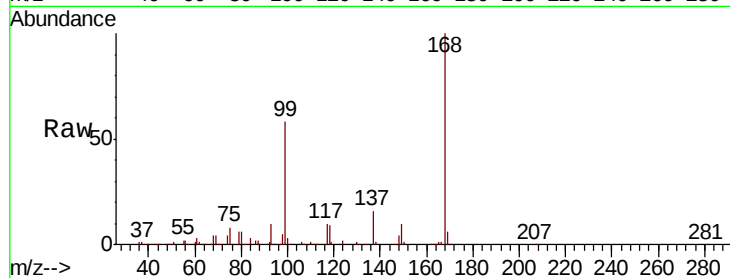
Tot Ion:117 Resp: 36367

Ion Ratio Lower Upper

117 100

119 7.3 77.6 116.4#

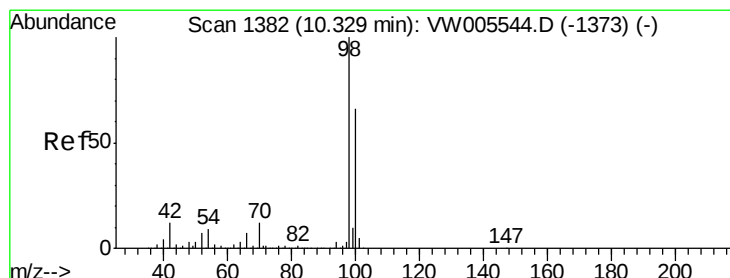
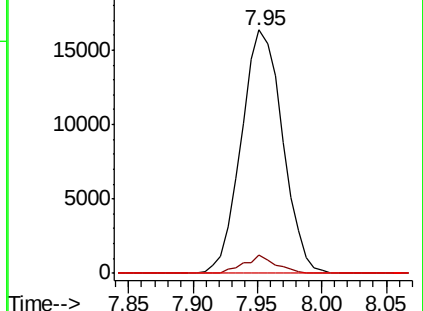
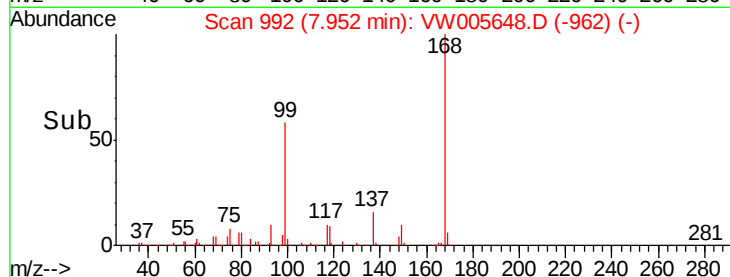
121 0.0 25.7 38.5#



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



#50

Toluene-d8

Concen: 44.805 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005648.D

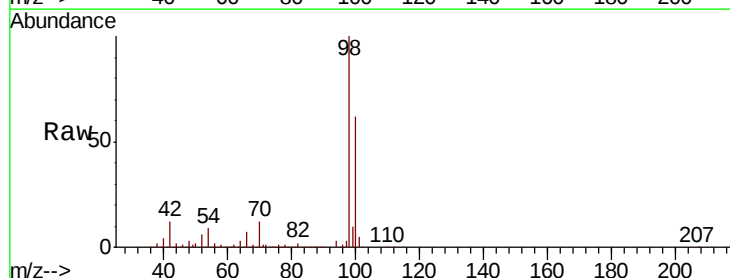
Acq: 26 Sep 2018 09:22

Tgt Ion: 98 Resp: 730785

Ion Ratio Lower Upper

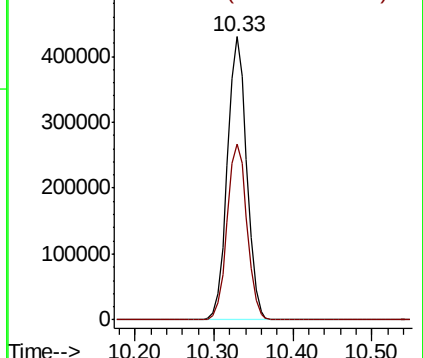
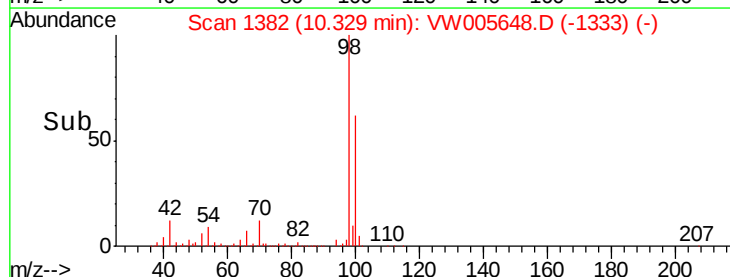
98 100

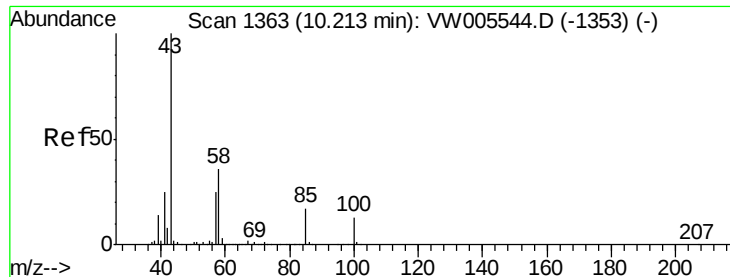
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.249 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

Instrument :

MSVOA_W

ClientSampleId :

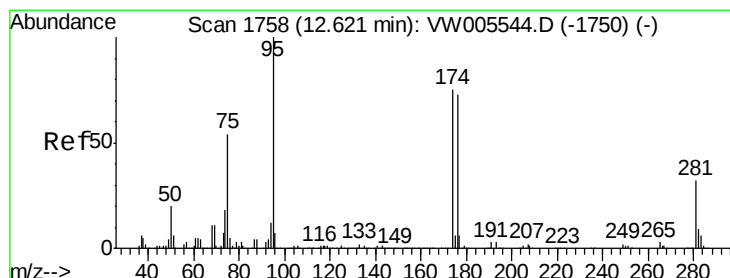
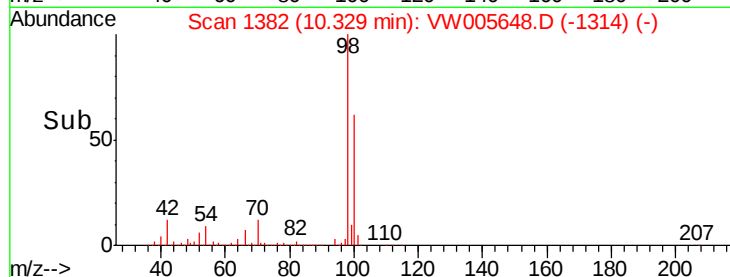
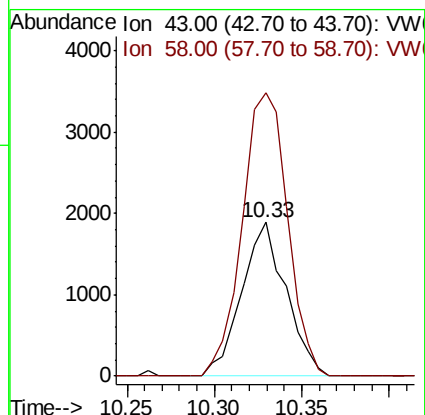
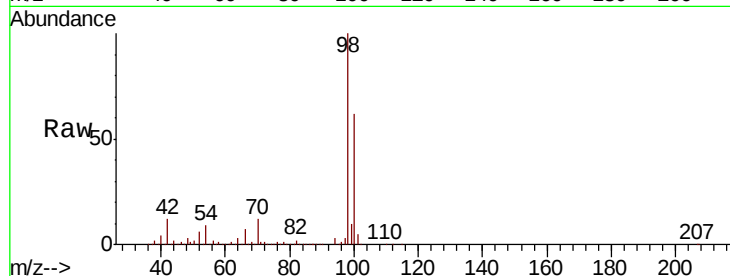
CS-RBR-200028

Tot Ion: 43 Resp: 3338

Ion Ratio Lower Upper

43 100

58 188.4 30.0 45.0#



#62

4-Bromofluorobenzene

Concen: 43.927 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

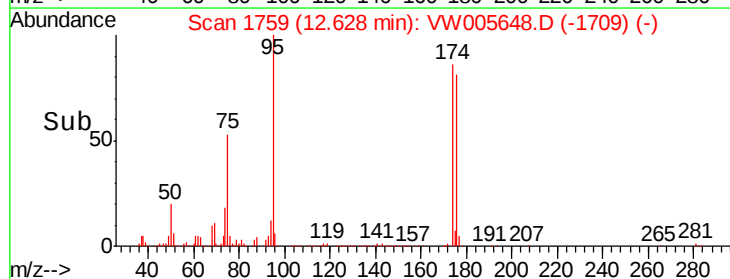
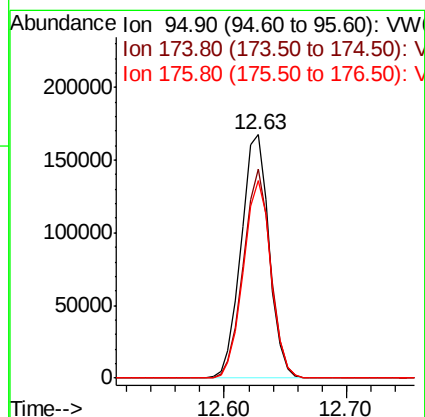
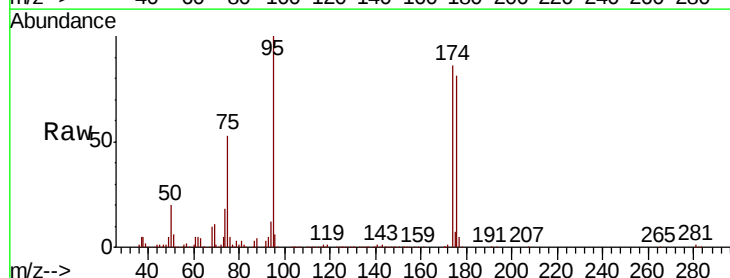
Tgt Ion: 95 Resp: 265111

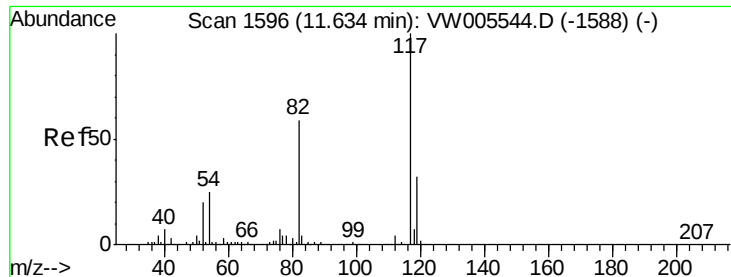
Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.8

176 80.6 0.0 158.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

Instrument :

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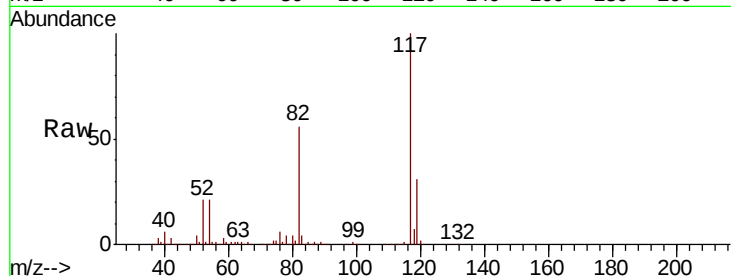
Tot Ion:117 Resp: 548087

Ion Ratio Lower Upper

117 100

82 56.3 46.9 70.3

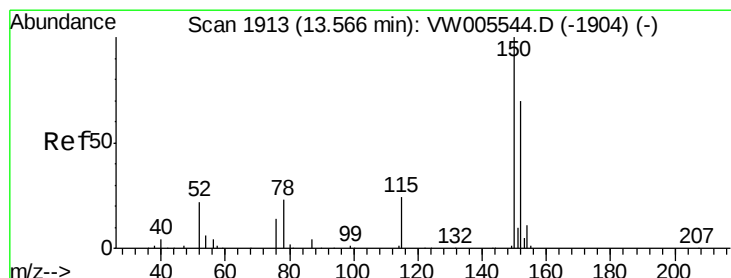
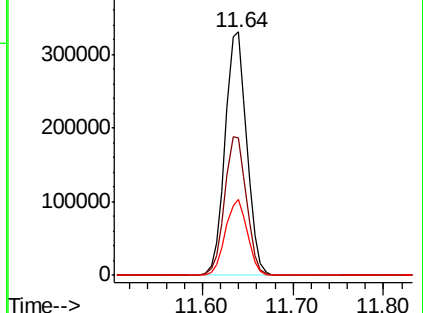
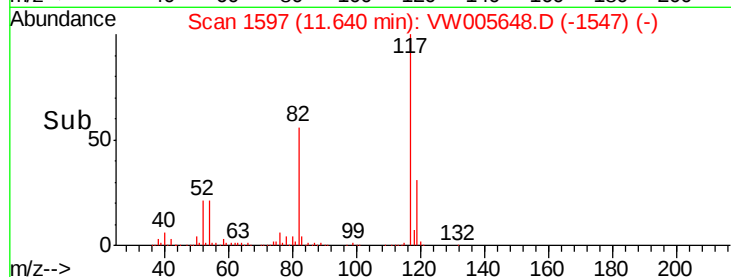
119 31.1 25.7 38.5



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: VW005648.D

Acq: 26 Sep 2018 09:22

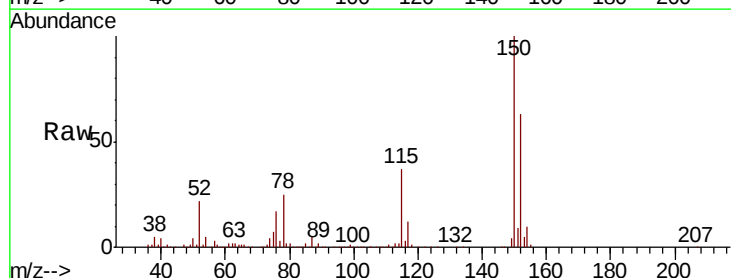
Tgt Ion:152 Resp: 251603

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

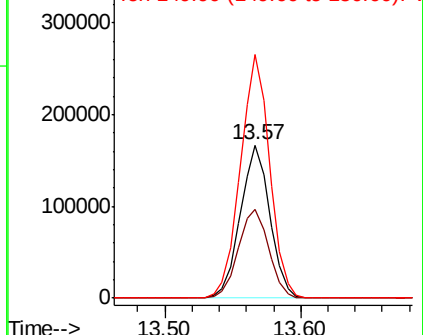
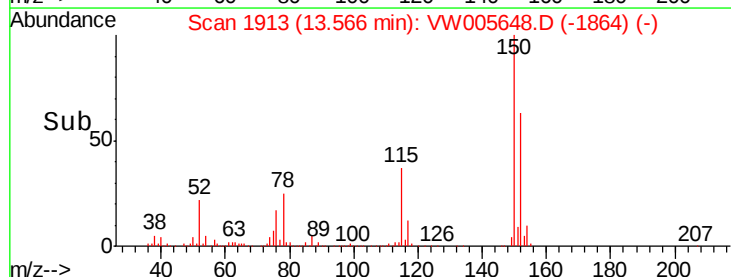
150 157.9 0.0 348.6

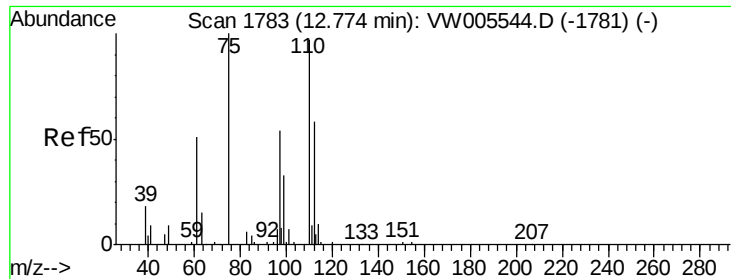


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 65.295 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

Instrument :

MSVOA_W

ClientSampleId :

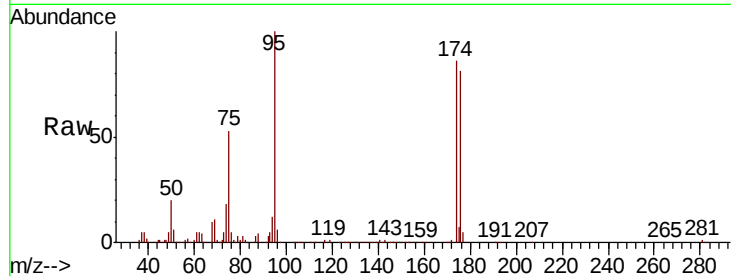
CS-RBR-200028

Tot Ion: 75 Resp: 140041

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

12.63

100000

80000

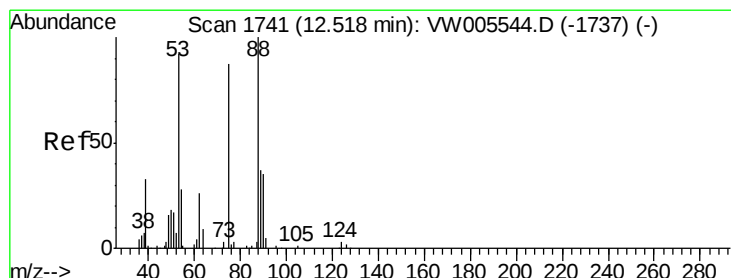
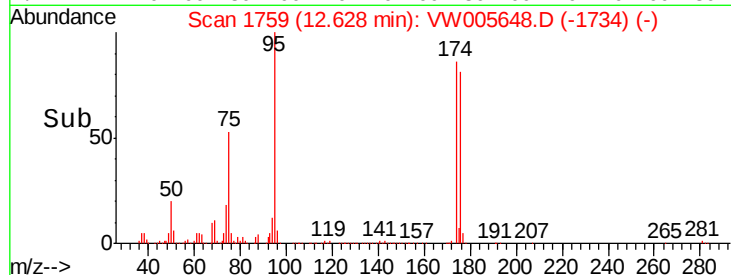
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 147.064 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005648.D

Acq: 26 Sep 2018 09:22

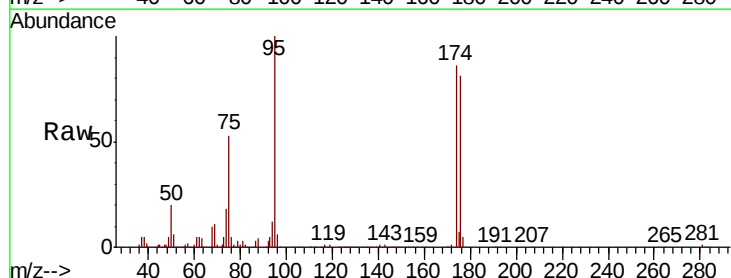
Tgt Ion: 75 Resp: 140041

Ion Ratio Lower Upper

75 100

53 0.1 85.8 128.6#

89 0.0 37.3 55.9#



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

120000

100000

80000

60000

40000

20000

0

Time-->

