

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080419\
 Data File : VW011662.D
 Acq On : 03 Aug 2019 13:39
 Operator : SY/VA
 Sample : K4145-09
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB203-GW-638-640

Quant Time: Aug 04 01:43:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136791	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	157652	63.73	ug/l	0.00
Spiked Amount			Recovery	=	127.46%	
35) Dibromofluoromethane	7.88	113	115573	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	
50) Toluene-d8	10.32	98	453662	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.62	95	155736	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

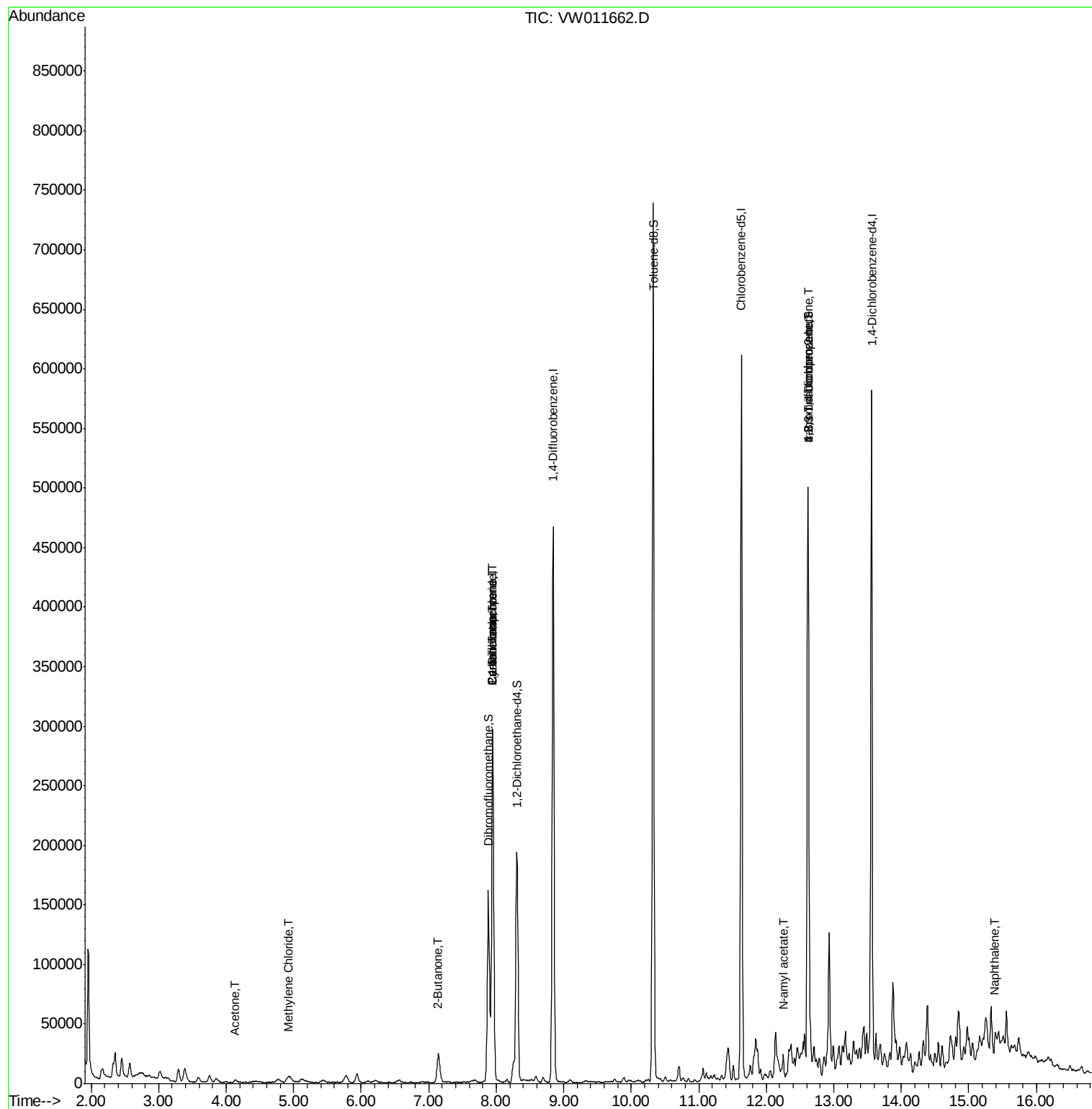
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	924	Below Cal	#	93
16) Acetone	4.14	43	4542	5.772	ug/l	93
20) Methylene Chloride	4.92	84	3282	1.209	ug/l	95
25) 2-Butanone	7.15	43	1061	1.030	ug/l	95
31) Cyclohexane	7.95	56	5855	1.266	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19130	5.022	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21664	6.644	ug/l #	16
74) N-amyl acetate	12.25	43	5110	1.599	ug/l #	57
76) 1,2,3-Trichloropropane	12.62	75	85029	58.746	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85029	135.389	ug/l #	6
95) Naphthalene	15.38	128	1148	2.270	ug/l #	84

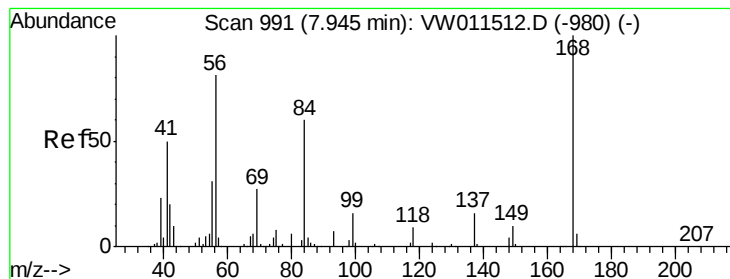
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

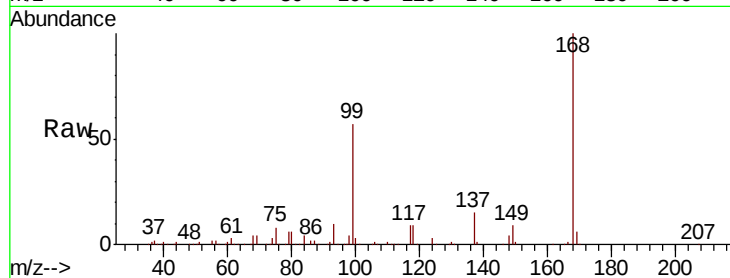
BP-VPB203-GW-638-640

Tgt Ion:168 Resp: 215445

Ion Ratio Lower Upper

168 100

99 57.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

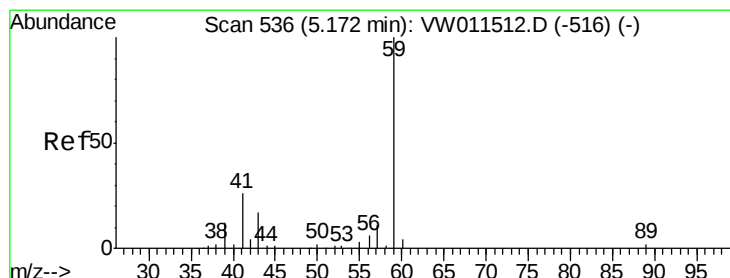
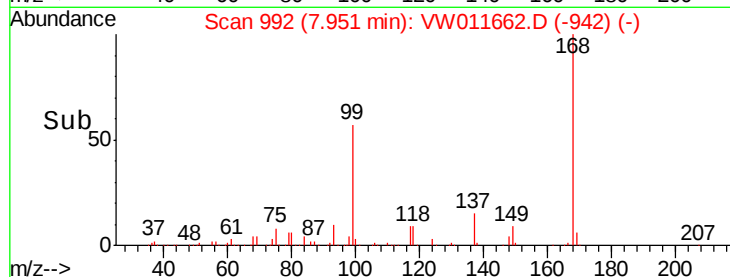
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. 0.05 min

Lab File: VW011662.D

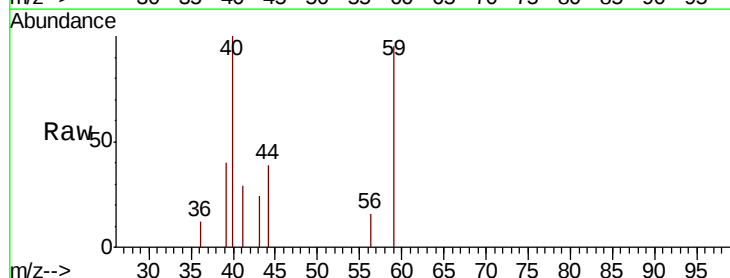
Acq: 03 Aug 2019 13:39

Tgt Ion: 59 Resp: 924

Ion Ratio Lower Upper

59 100

57 8.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

500

400

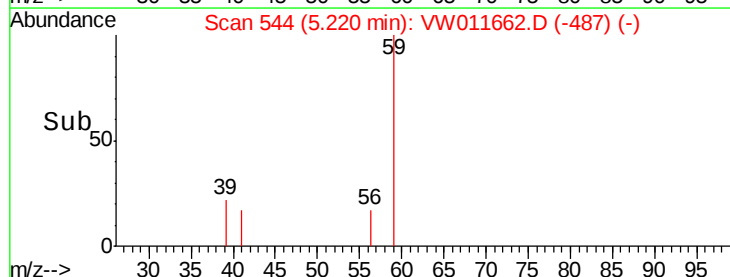
300

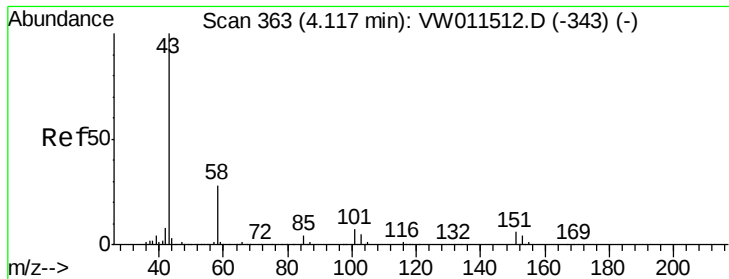
200

100

0

Time--> 5.20 5.25 5.30

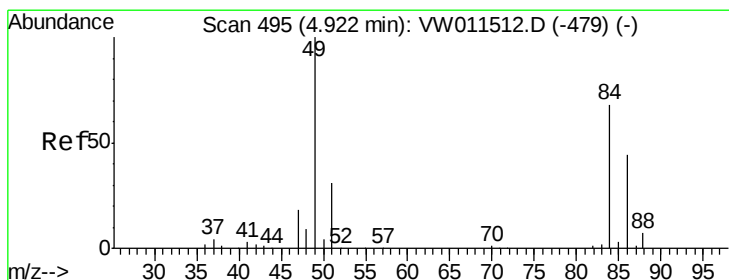
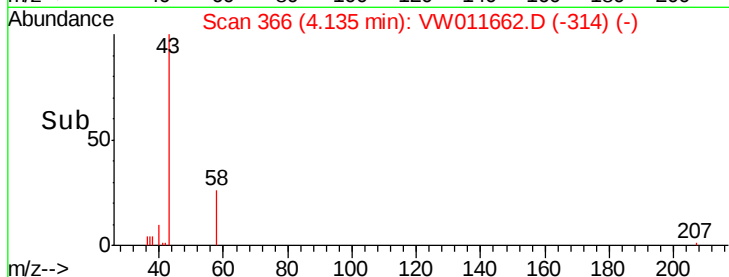
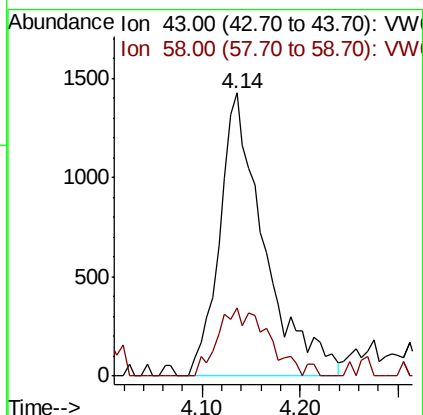
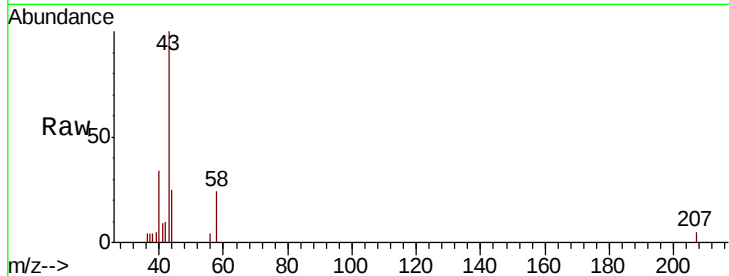




#16
Acetone
Concen: 5.772 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

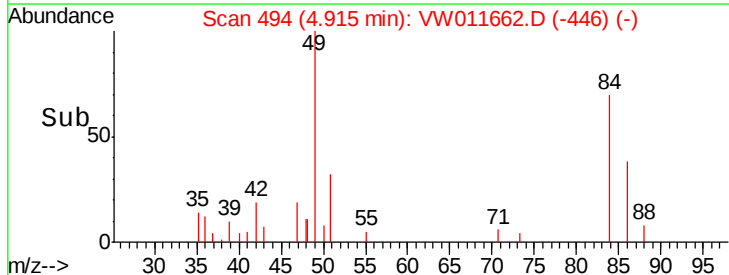
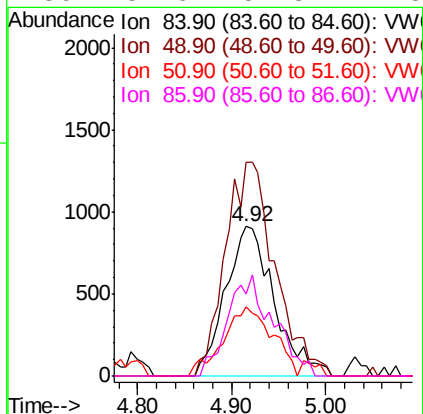
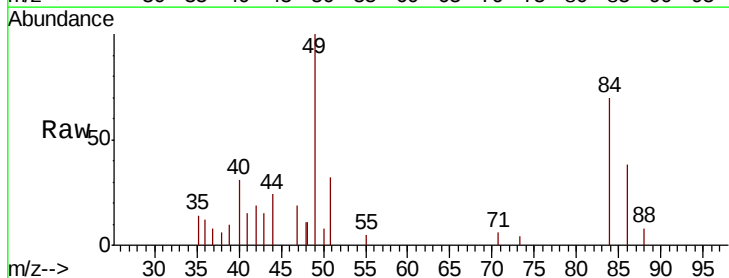
Instrument :
MSVOA_W
ClientSampleId :
BP-VPB203-GW-638-640

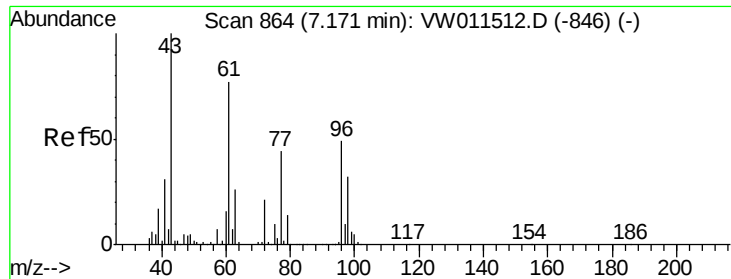
Tgt Ion: 43 Resp: 4542
Ion Ratio Lower Upper
43 100
58 24.3 22.3 33.5



#20
Methylene Chloride
Concen: 1.209 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Tgt Ion: 84 Resp: 3282
Ion Ratio Lower Upper
84 100
49 142.7 117.8 176.6
51 45.9 37.0 55.4
86 54.6 51.8 77.8





#25

2-Butanone

Concen: 1.030 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

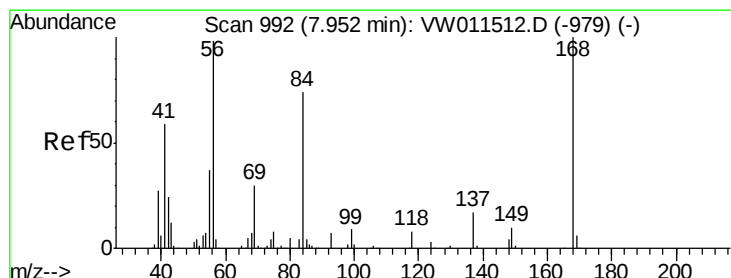
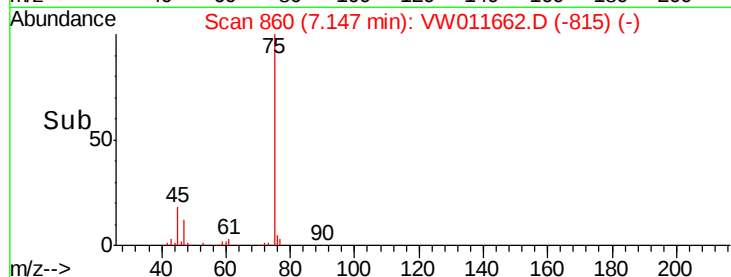
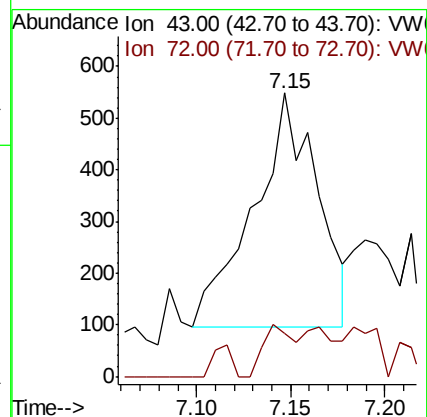
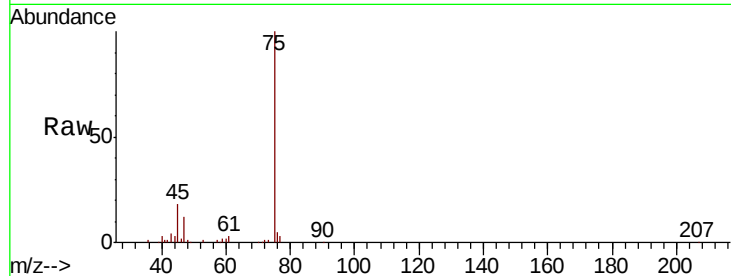
BP-VPB203-GW-638-640

Tgt Ion: 43 Resp: 1061

Ion Ratio Lower Upper

43 100

72 18.1 16.6 24.8



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

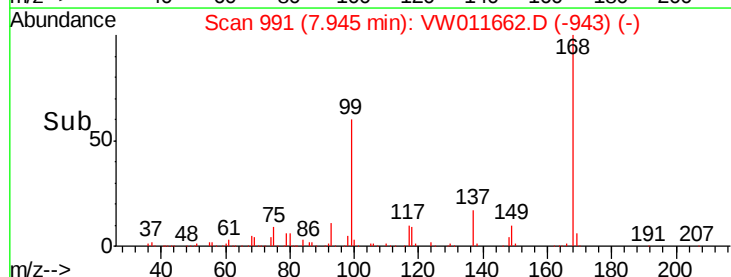
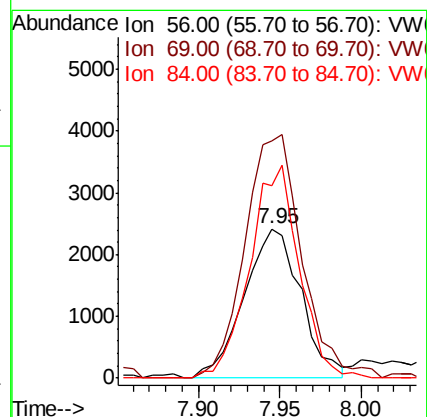
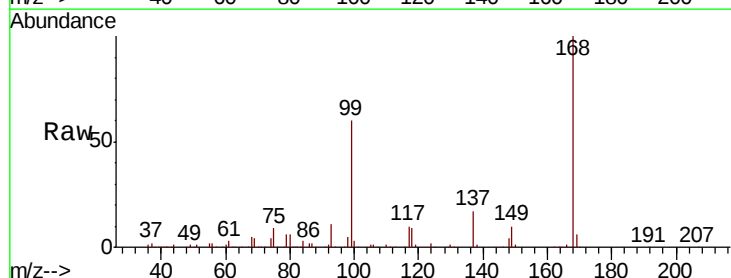
Tgt Ion: 56 Resp: 5855

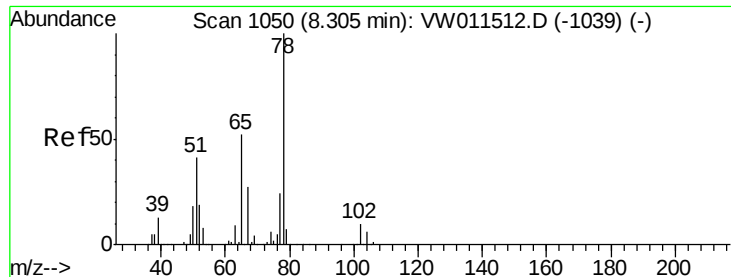
Ion Ratio Lower Upper

56 100

69 158.6 24.3 36.5#

84 129.0 60.4 90.6#





#33

1,2-Dichloroethane-d4

Concen: 63.726 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

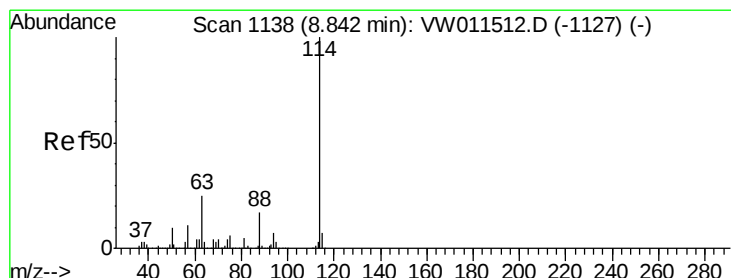
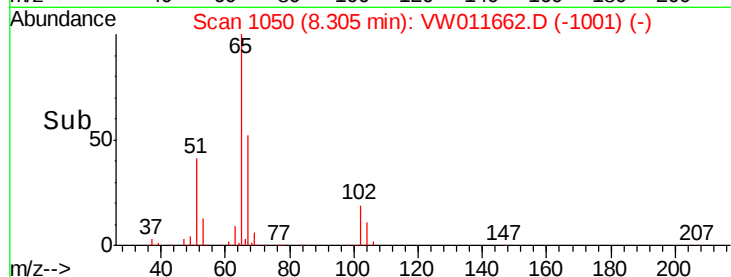
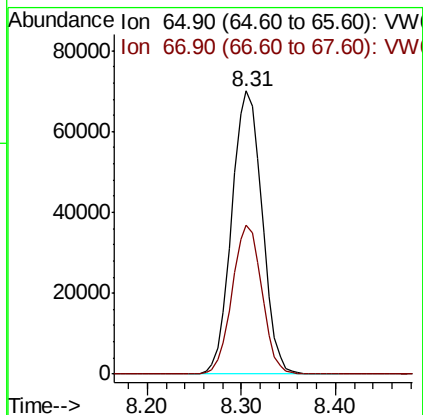
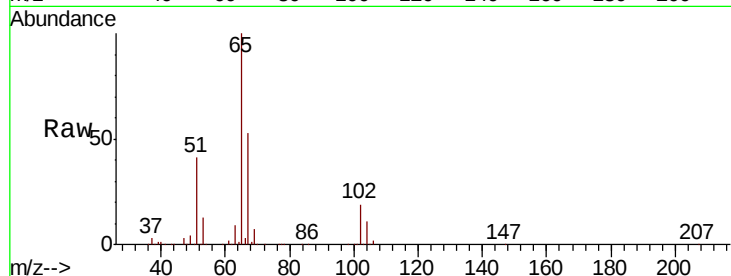
BP-VPB203-GW-638-640

Tgt Ion: 65 Resp: 157652

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

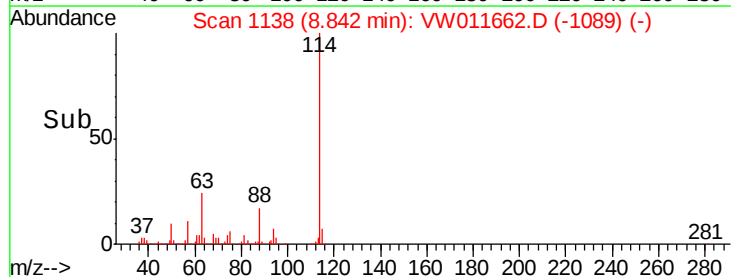
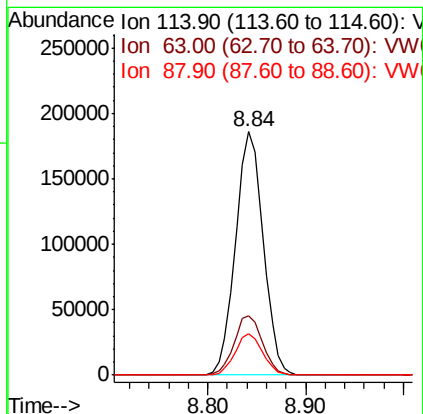
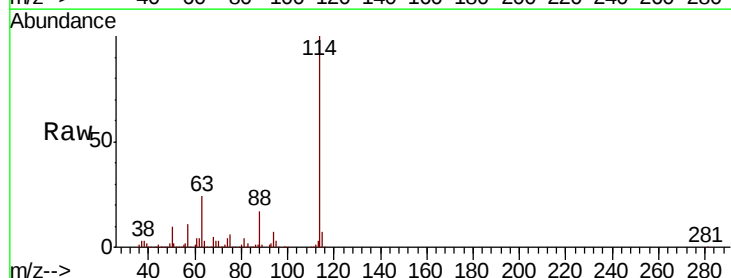
Tgt Ion: 114 Resp: 366304

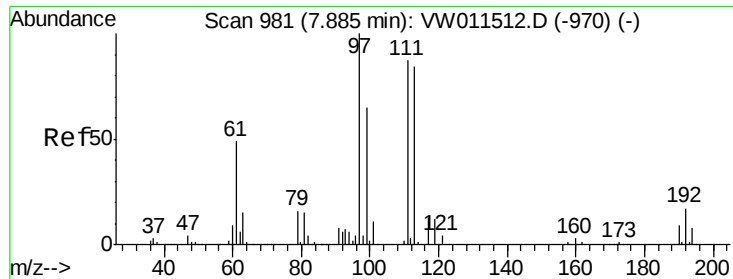
Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 16.9 0.0 33.8

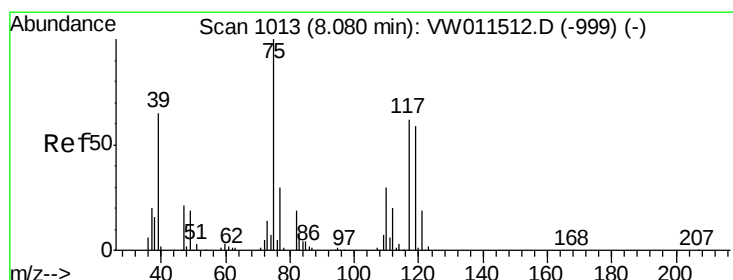
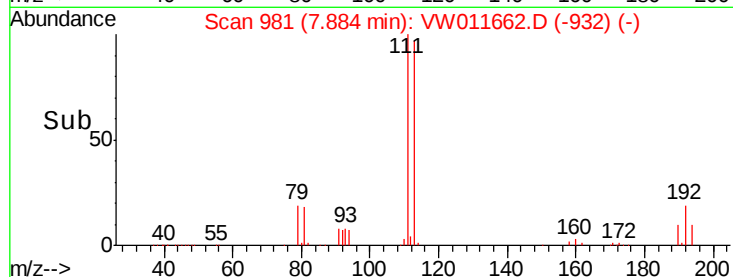
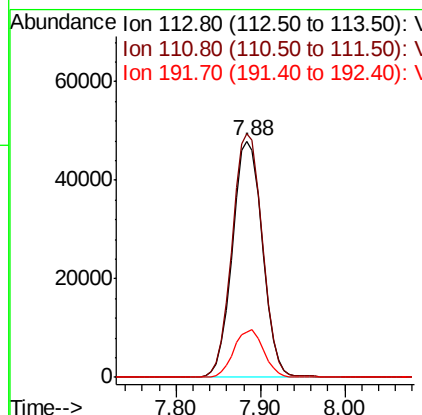
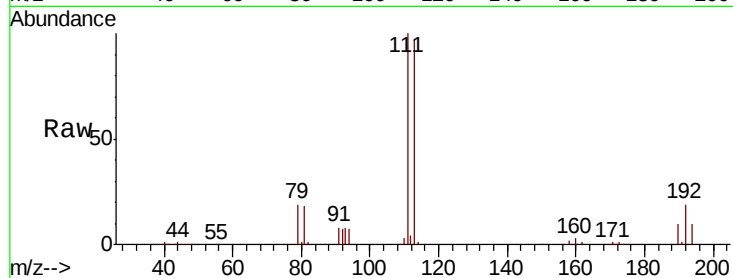




#35
 Dibromofluoromethane
 Concen: 56.239 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011662.D
 Acq: 03 Aug 2019 13:39

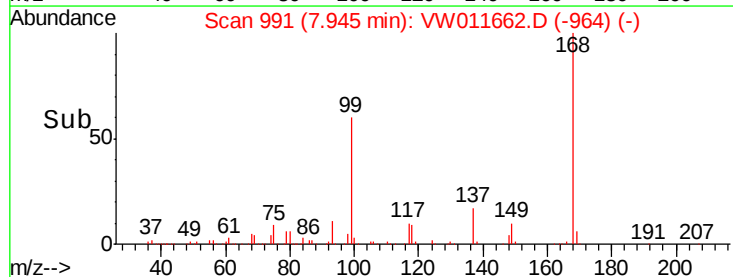
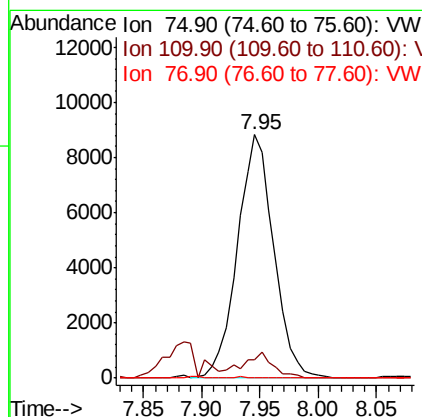
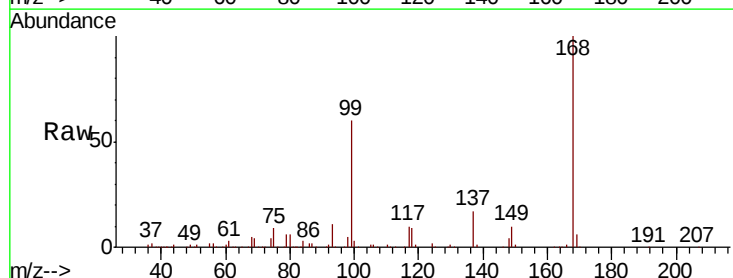
Instrument :
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 BP-VPB203-GW-638-640

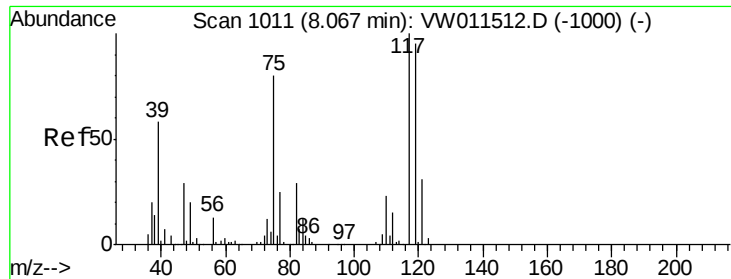
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.0	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011662.D
 Acq: 03 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.6	46.8#
77	0.1	24.3	36.5#

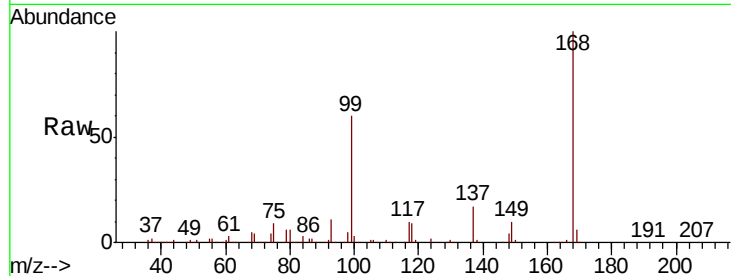




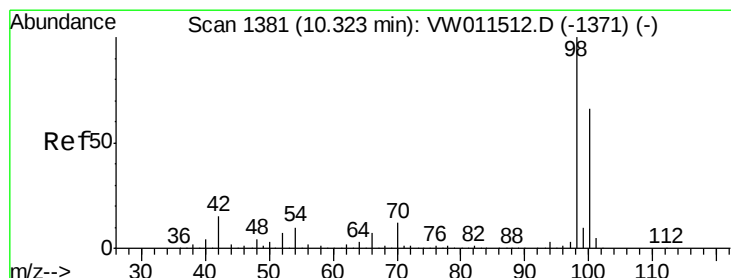
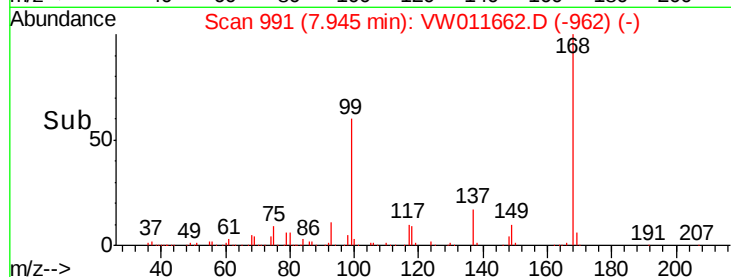
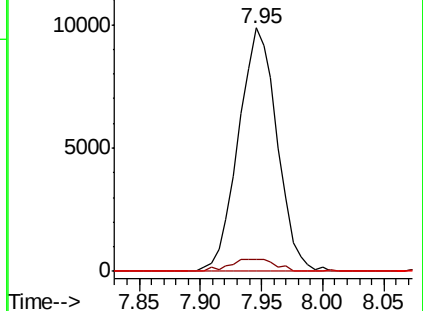
#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB203-GW-638-640

Tgt Ion: 117 Resp: 21664
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.7 37.1#

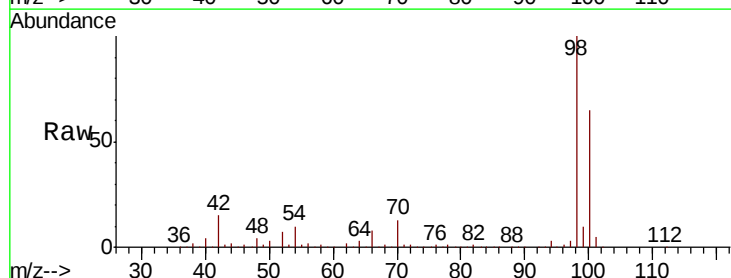


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

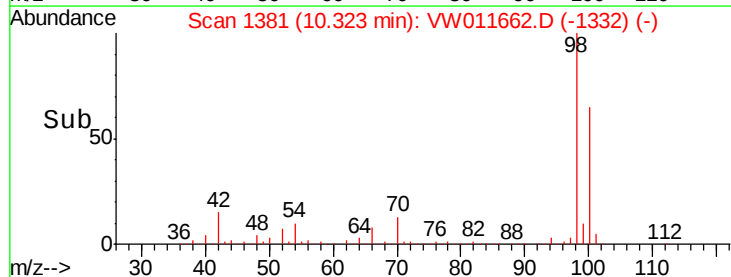
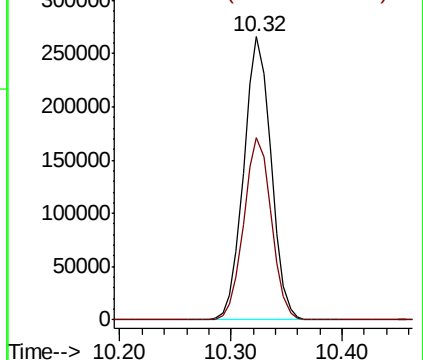


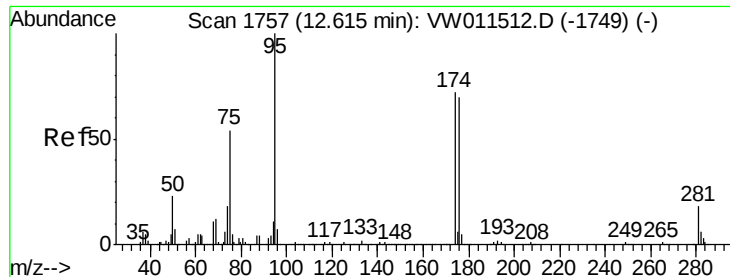
#50
Toluene-d8
Concen: 53.918 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Tgt Ion: 98 Resp: 453662
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 51.917 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB203-GW-638-640

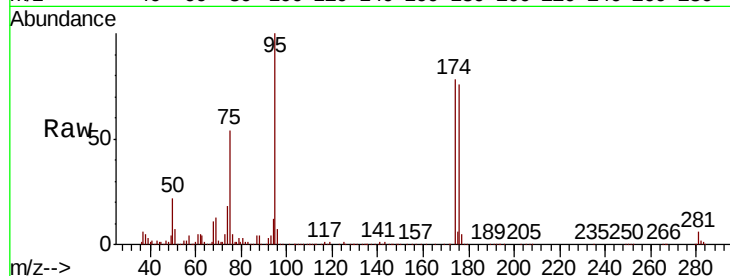
Tgt Ion: 95 Resp: 155736

Ion Ratio Lower Upper

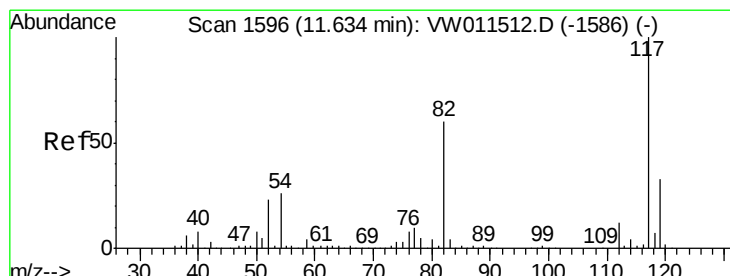
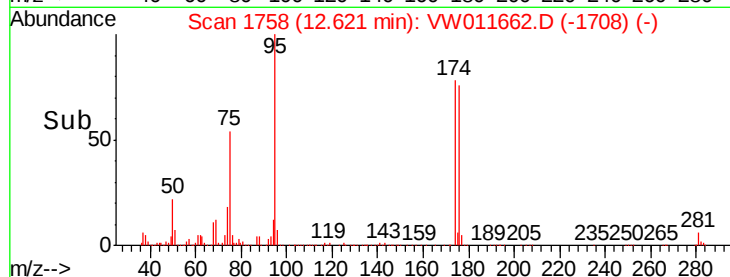
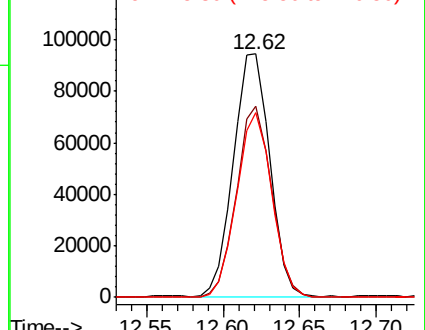
95 100

174 76.2 0.0 150.2

176 73.8 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

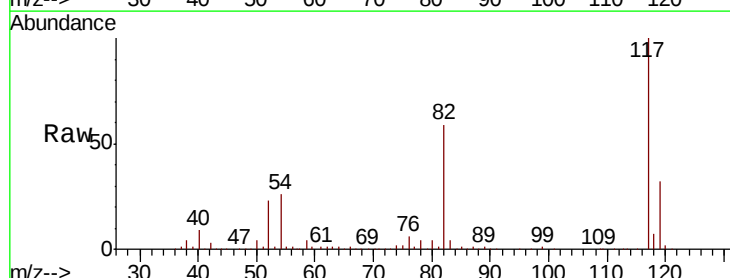
Tgt Ion: 117 Resp: 318193

Ion Ratio Lower Upper

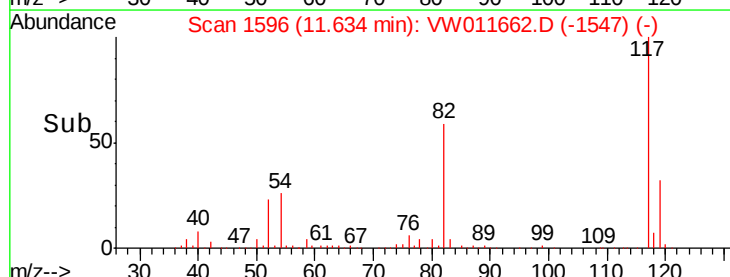
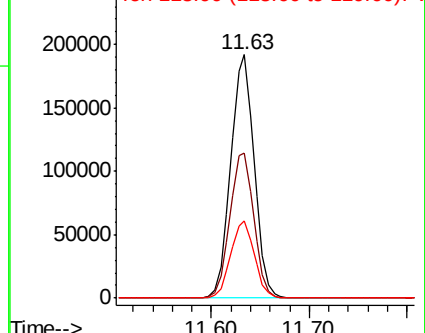
117 100

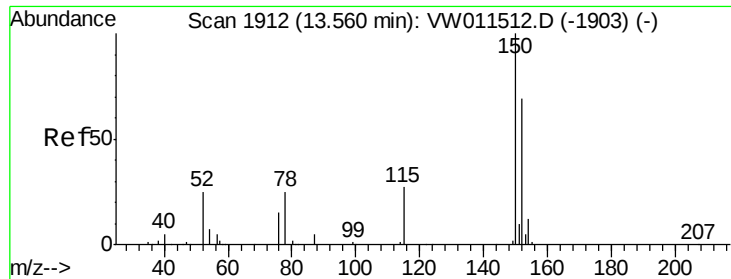
82 59.4 47.9 71.9

119 31.6 26.2 39.2



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

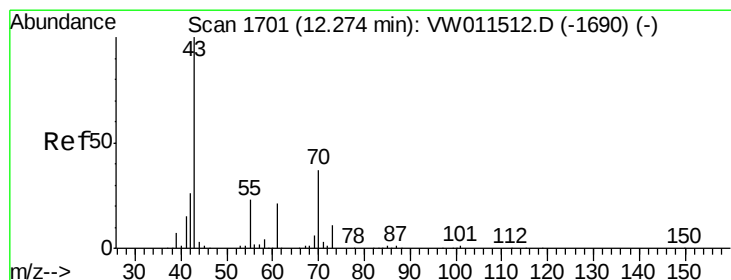
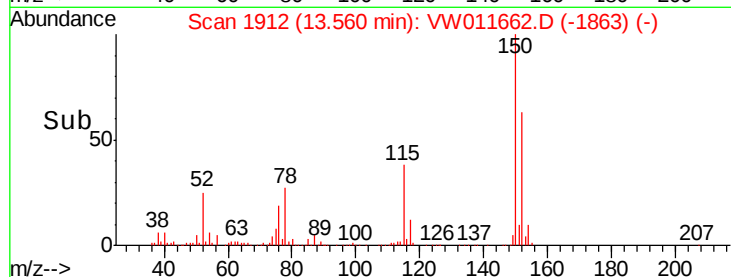
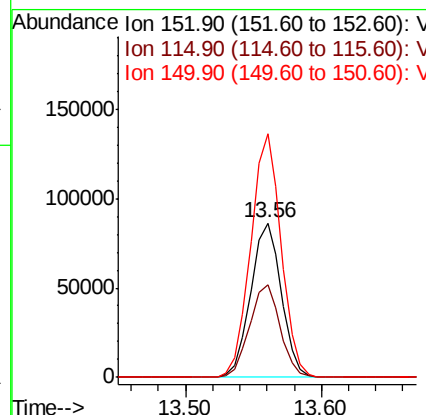
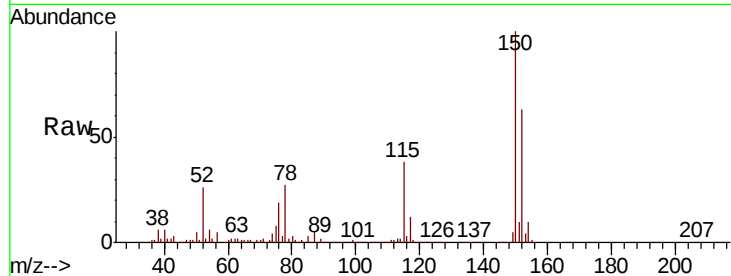




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW011662.D
 Acq: 03 Aug 2019 13:39

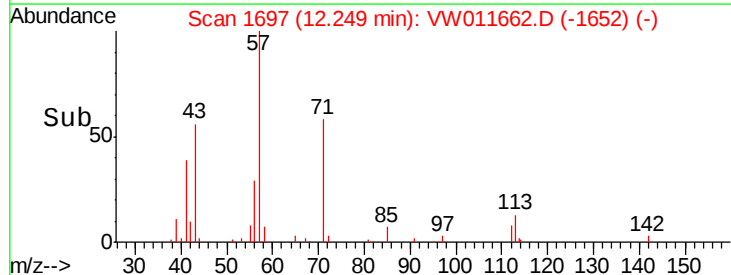
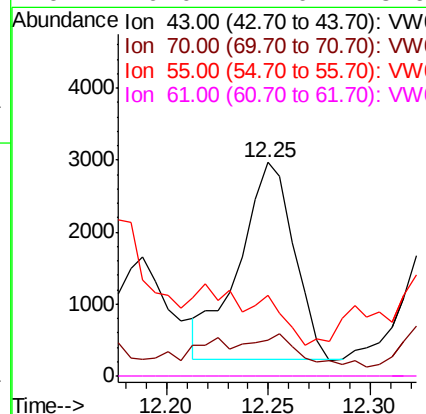
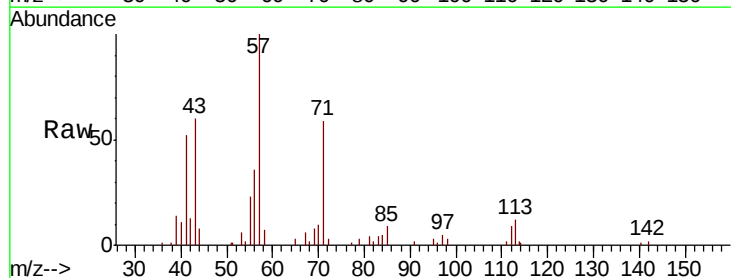
Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB203-GW-638-640

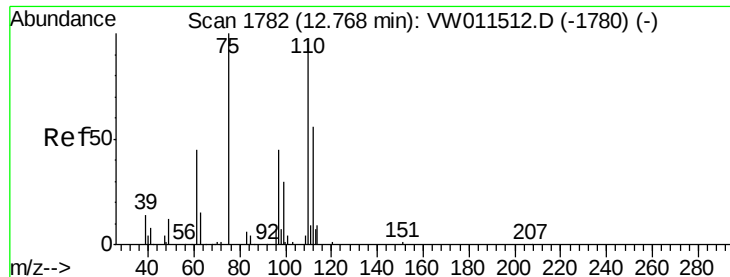
Tgt Ion:152 Resp: 136791
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.5 91.5
 150 156.1 0.0 352.6



#74
 N-ethyl acetate
 Concen: 1.599 ug/l
 RT: 12.25 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: VW011662.D
 Acq: 03 Aug 2019 13:39

Tgt Ion: 43 Resp: 5110
 Ion Ratio Lower Upper
 43 100
 70 13.0 28.6 43.0#
 55 0.0 17.8 26.8#
 61 0.0 17.0 25.6#





#76

1,2,3-Trichloropropane

Concen: 58.746 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

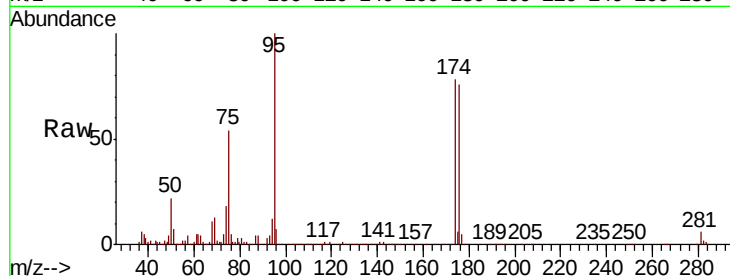
BP-VPB203-GW-638-640

Tgt Ion: 75 Resp: 85029

Ion Ratio Lower Upper

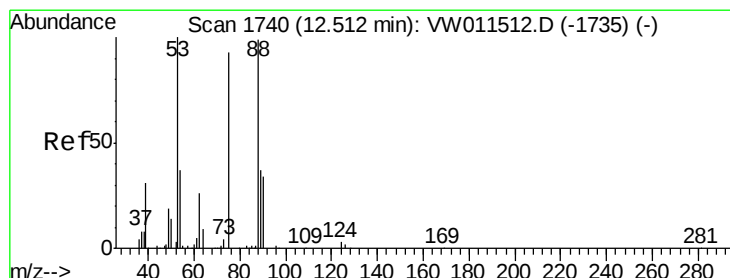
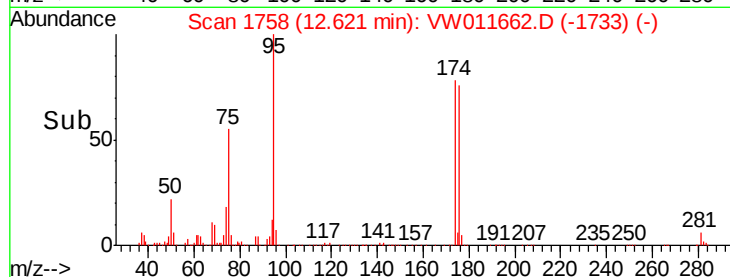
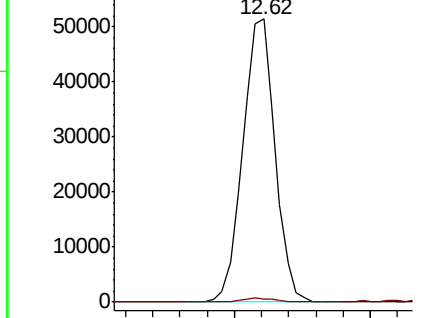
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 135.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011662.D

Acq: 03 Aug 2019 13:39

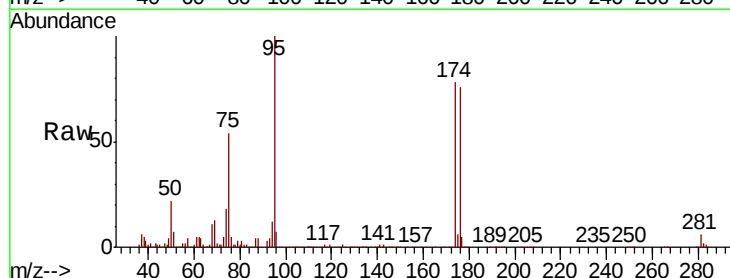
Tgt Ion: 75 Resp: 85029

Ion Ratio Lower Upper

75 100

53 0.0 88.0 132.0#

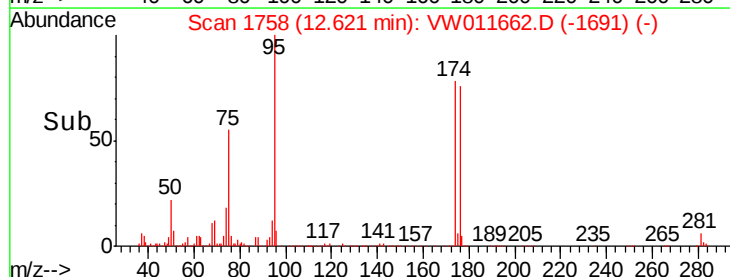
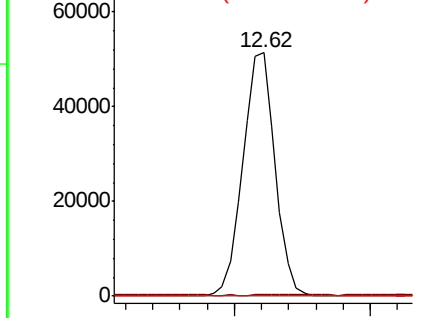
89 0.1 35.3 52.9#

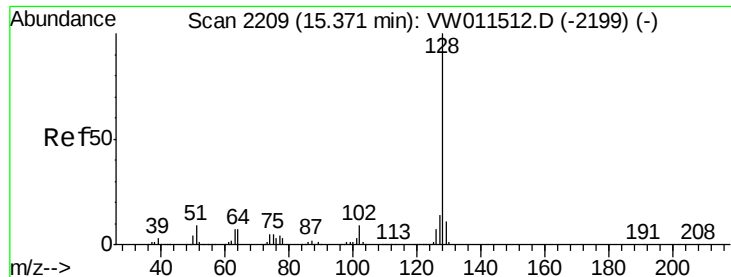


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95
Naphthalene
Concen: 2.270 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW011662.D
Acq: 03 Aug 2019 13:39

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB203-GW-638-640

Tgt Ion	Ratio	Lower	Upper
128	100		
127	3.9	10.6	16.0#
129	8.0	8.6	13.0#

