

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
 Data File : VW012059.D
 Acq On : 21 Aug 2019 09:33
 Operator : SY/VA
 Sample : VW0821SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

Quant Time: Aug 22 05:12:24 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	247264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148903	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	147856	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	121422	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	10.32	98	497976	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.62	95	165178	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	

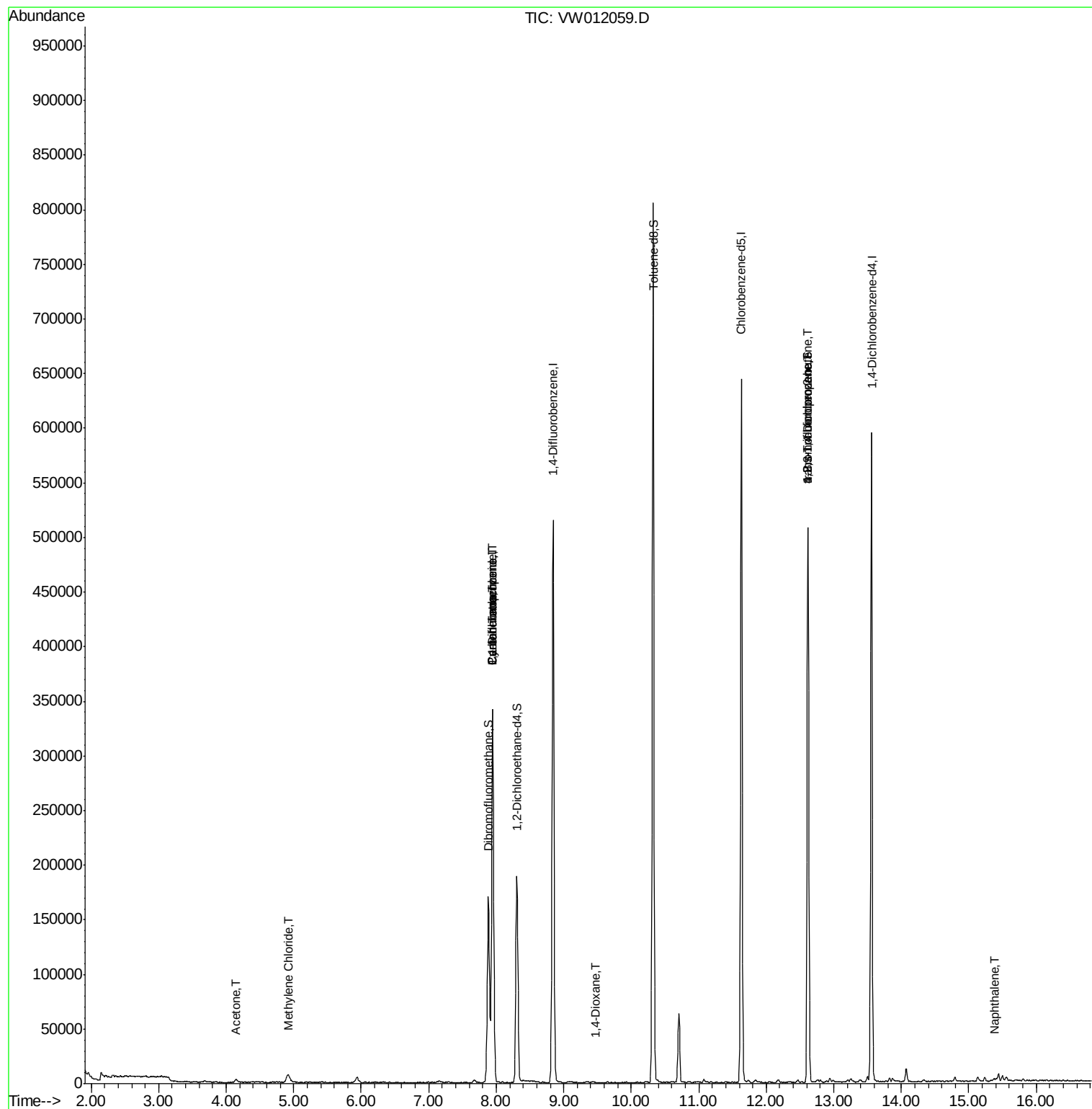
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	23	Below Cal	#	72
16) Acetone	4.15	43	4991	5.526	ug/l #	86
20) Methylene Chloride	4.92	84	5324	1.709	ug/l	91
31) Cyclohexane	7.95	56	5997	1.130	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20800	4.940	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24614	6.828	ug/l #	17
49) 1,4-Dioxane	9.48	88	62	2.973	ug/l #	75
76) 1,2,3-Trichloropropane	12.62	75	87387	55.464	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87387	127.825	ug/l #	6
95) Naphthalene	15.37	128	1858	2.369	ug/l	94

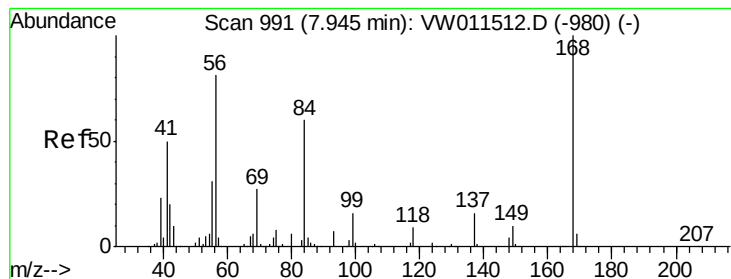
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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# 991

Delta R.T. -0.00 min

Lab File: VW012059.D

Acq: 21 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

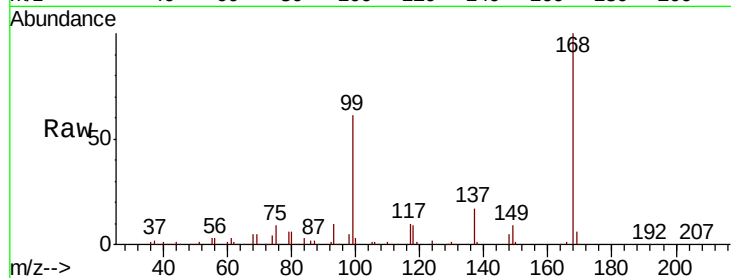
VW0821SBL01

Tgt Ion:168 Resp: 247264

Ion Ratio Lower Upper

168 100

99 60.9 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

120000

100000

80000

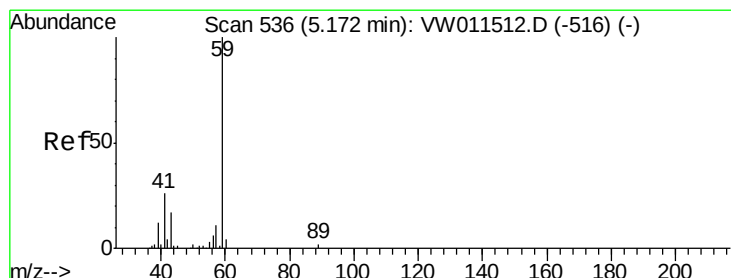
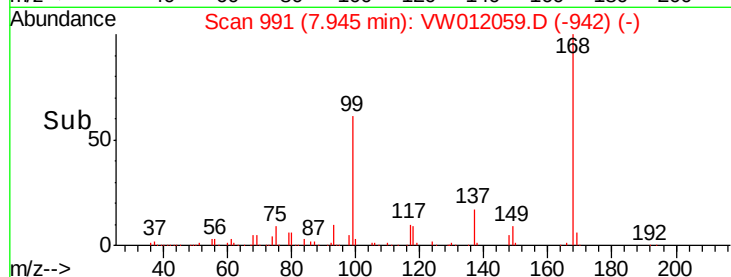
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW012059.D

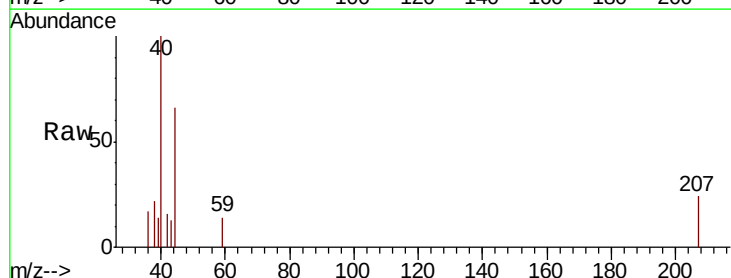
Acq: 21 Aug 2019 09:33

Tgt Ion: 59 Resp: 23

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

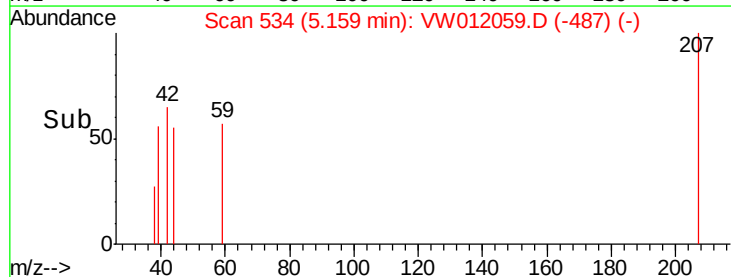
60

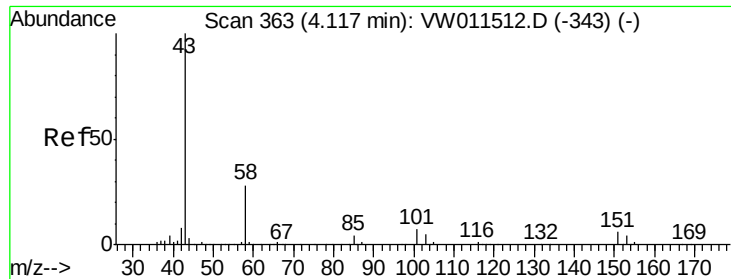
40

20

0

Time--> 5.14 5.15 5.16 5.17





#16

Acetone

Concen: 5.526 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW012059.D

Acq: 21 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

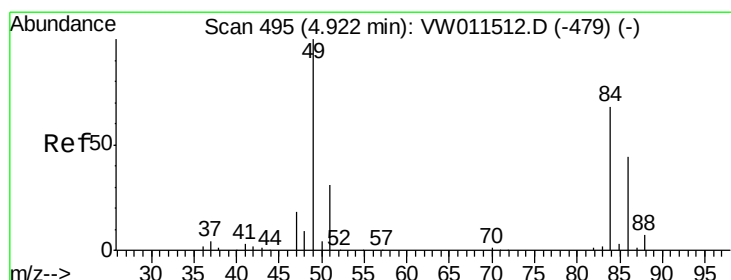
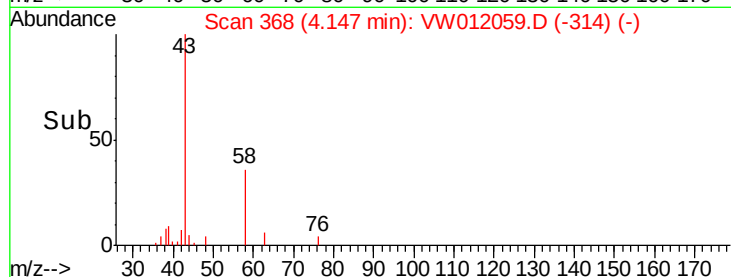
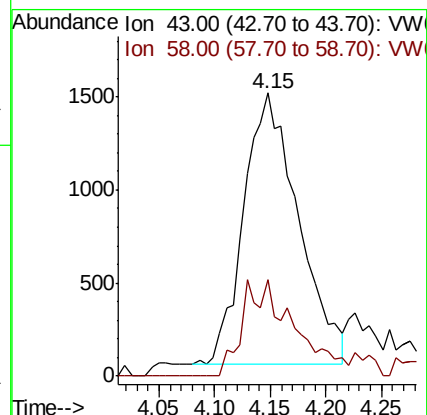
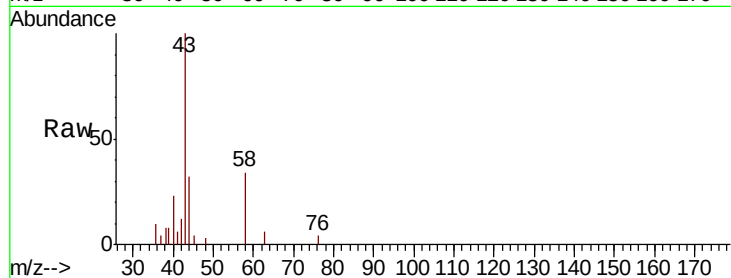
VW0821SBL01

Tgt Ion: 43 Resp: 4991

Ion Ratio Lower Upper

43 100

58 35.4 22.3 33.5#



#20

Methylene Chloride

Concen: 1.709 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012059.D

Acq: 21 Aug 2019 09:33

Tgt Ion: 84 Resp: 5324

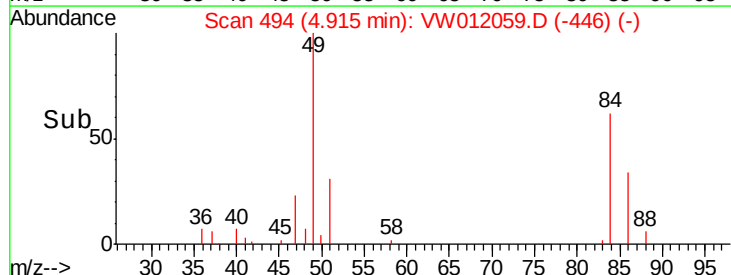
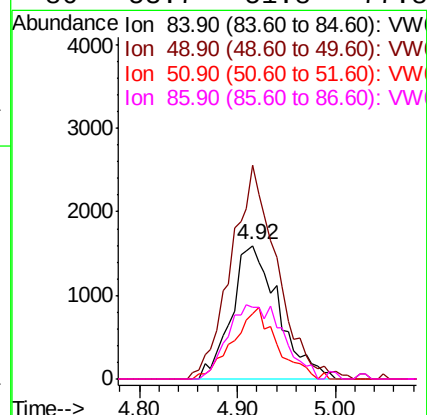
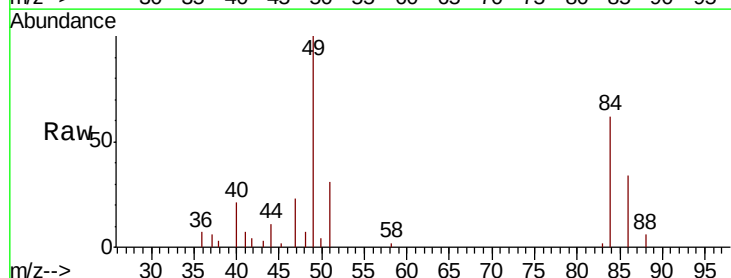
Ion Ratio Lower Upper

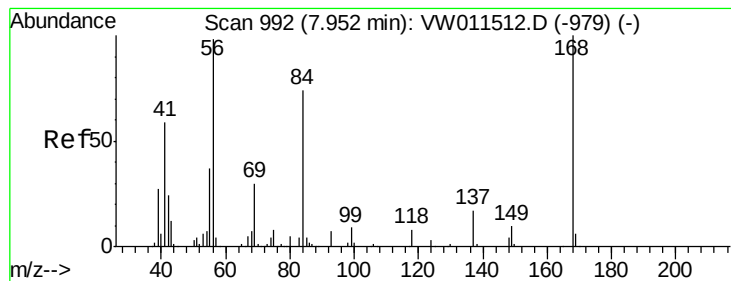
84 100

49 157.0 117.8 176.6

51 48.9 37.0 55.4

86 53.7 51.8 77.8





#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012059.D

Acq: 21 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL01

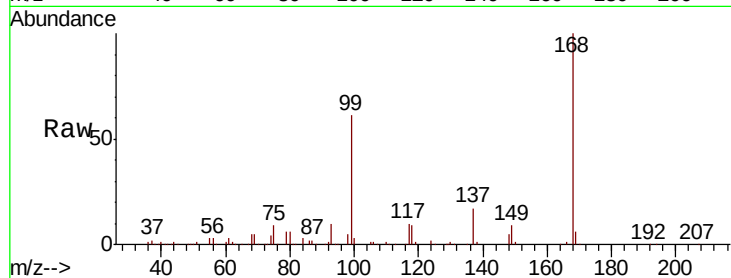
Tgt Ion: 56 Resp: 5997

Ion Ratio Lower Upper

56 100

69 183.4 24.3 36.5#

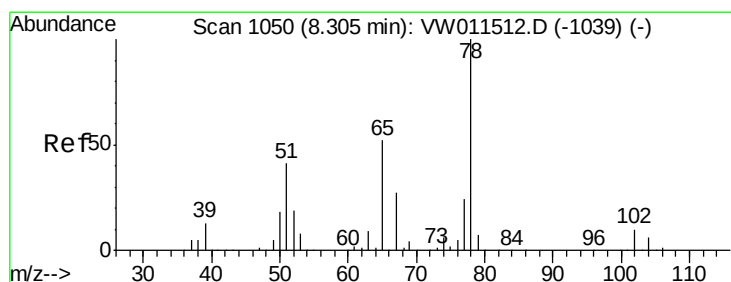
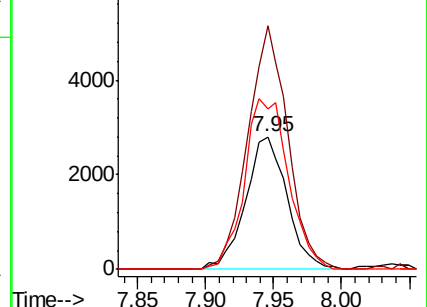
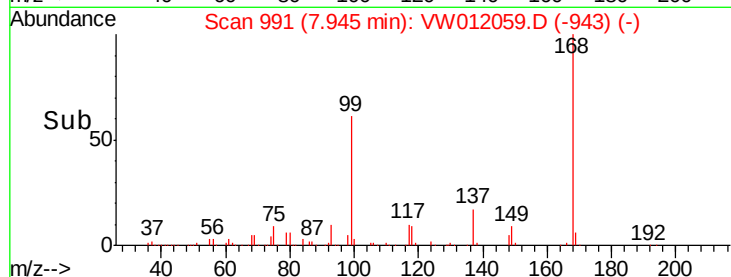
84 121.1 60.4 90.6#



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: 52.075 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012059.D

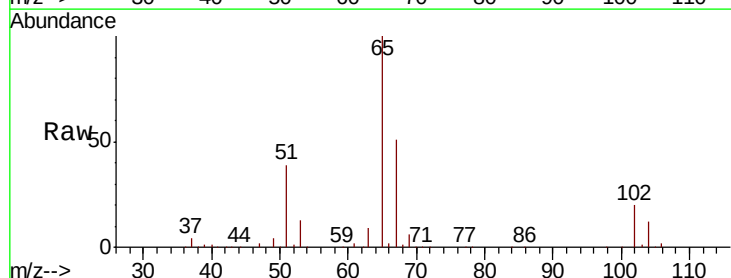
Acq: 21 Aug 2019 09:33

Tgt Ion: 65 Resp: 147856

Ion Ratio Lower Upper

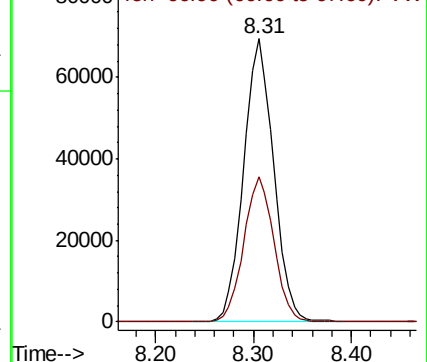
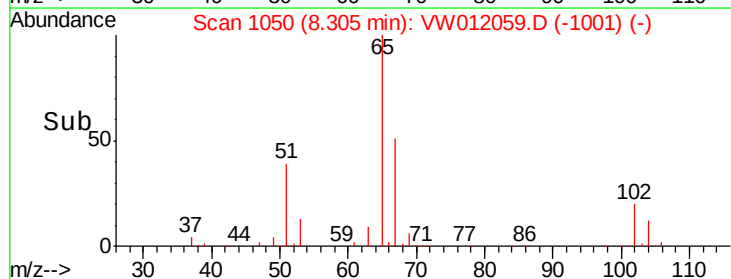
65 100

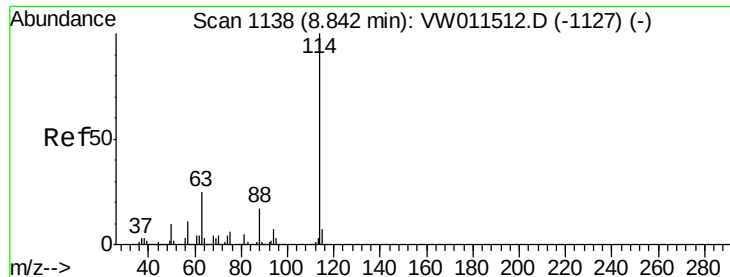
67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

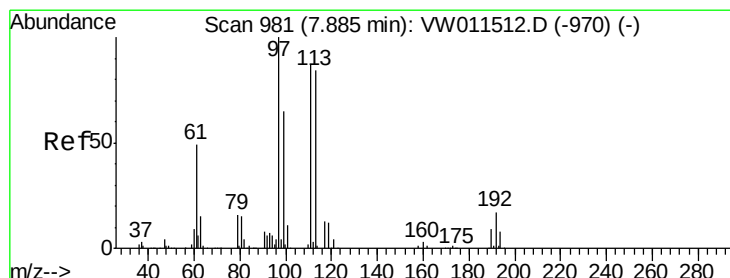
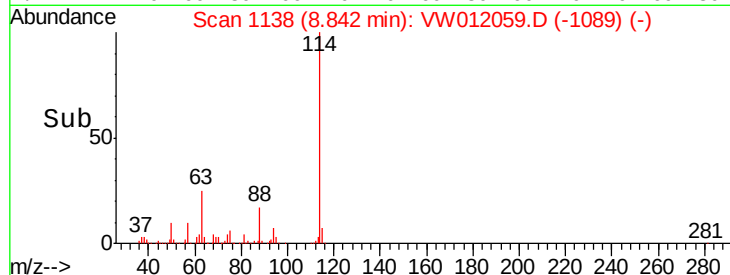
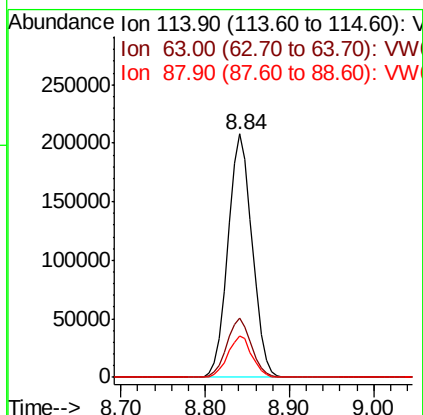
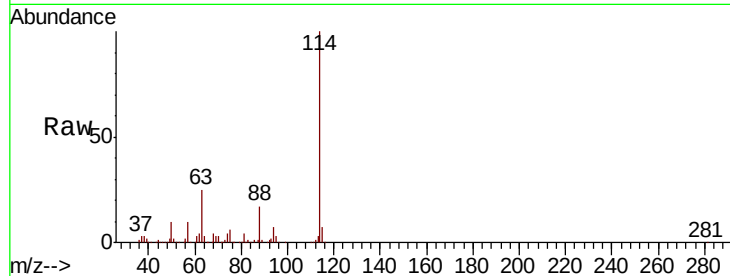




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012059.D
 Acq: 21 Aug 2019 09:33

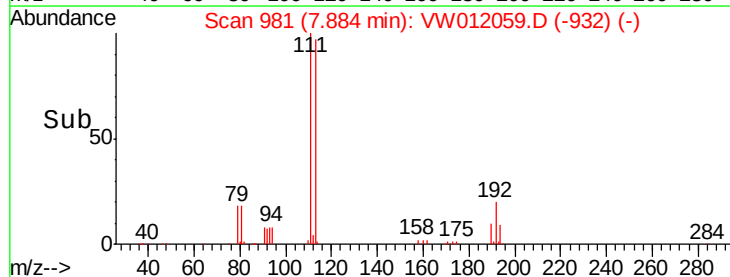
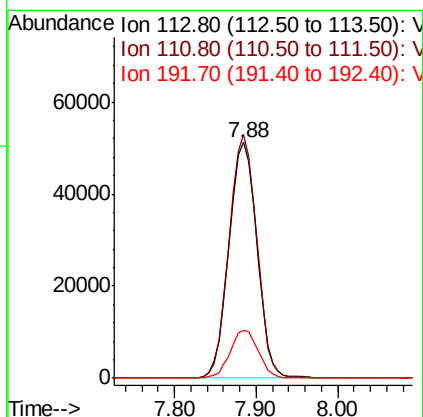
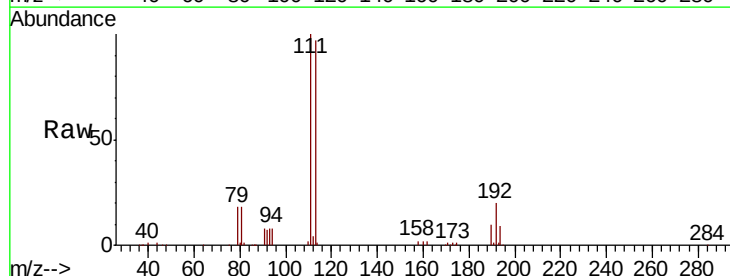
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

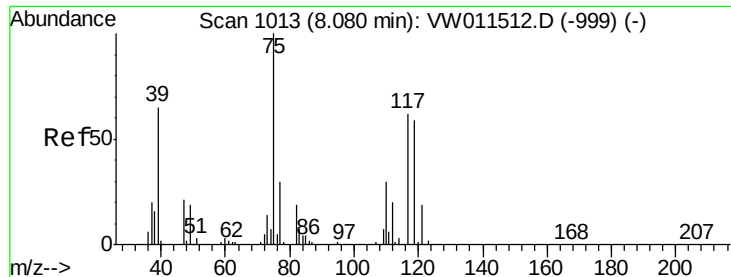
Tgt Ion:114 Resp: 404952
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.8 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 53.446 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012059.D
 Acq: 21 Aug 2019 09:33

Tgt Ion:113 Resp: 121422
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 20.2 16.1 24.1

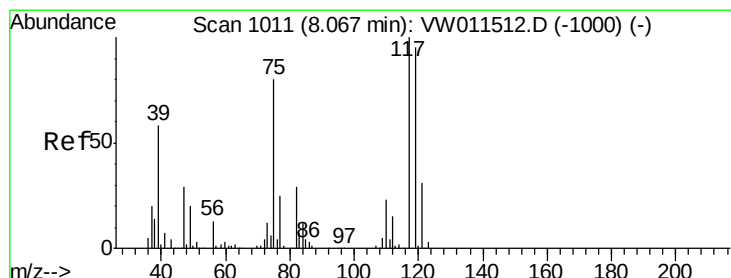
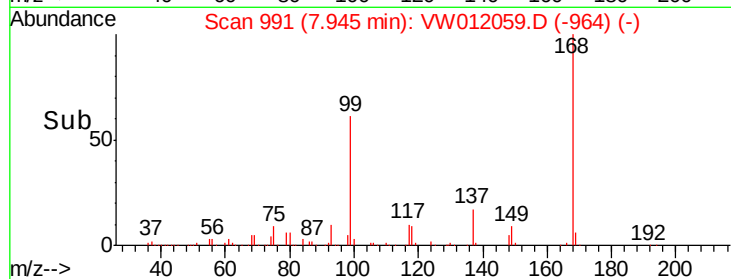
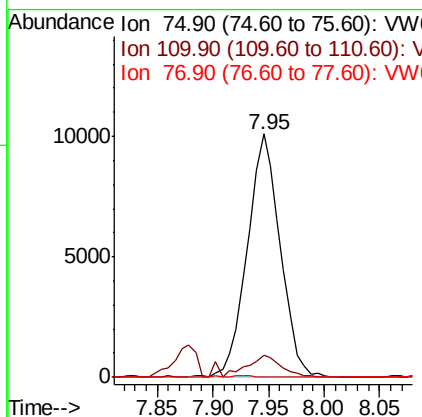
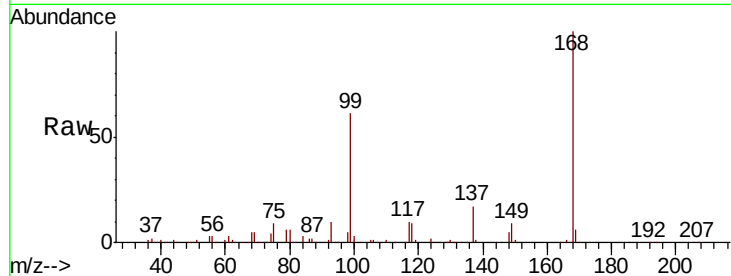




#36
 1,1-Dichloropropene
 Concen: 4.940 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012059.D
 Acq: 21 Aug 2019 09:33

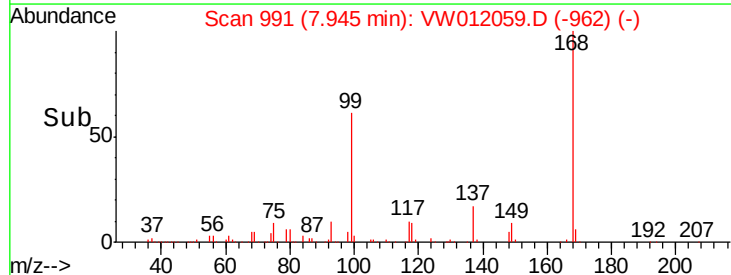
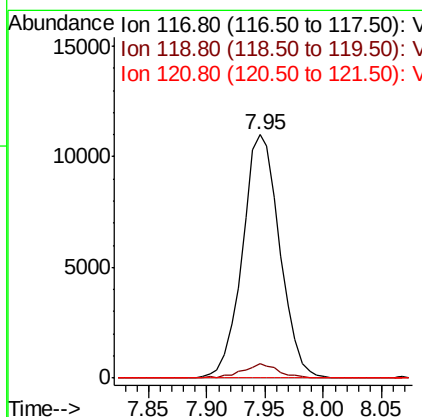
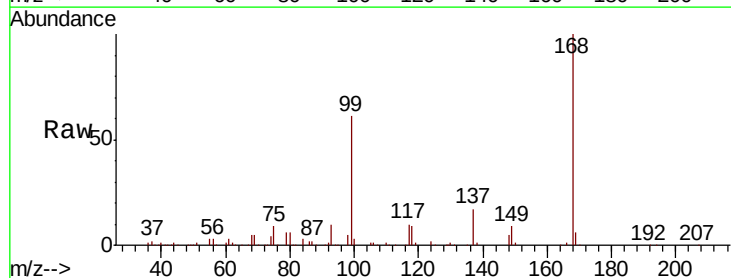
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

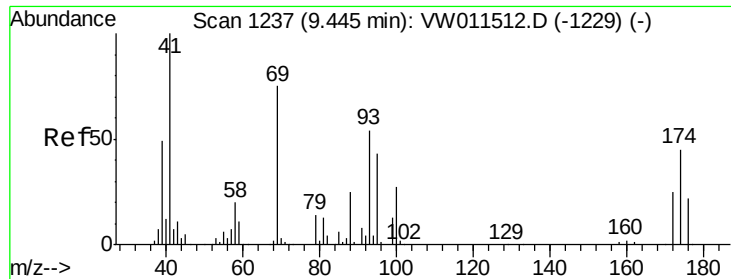
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.6	46.8#
77	0.4	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.828 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012059.D
 Acq: 21 Aug 2019 09:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.8	113.6#
121	0.0	24.7	37.1#

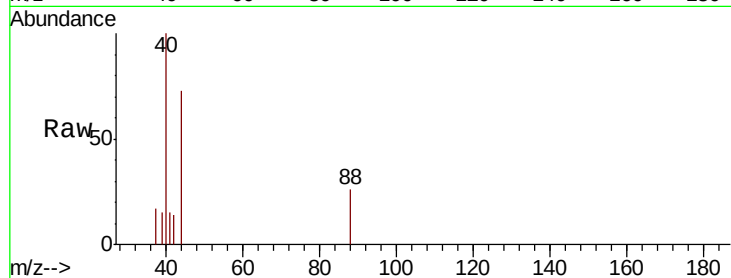




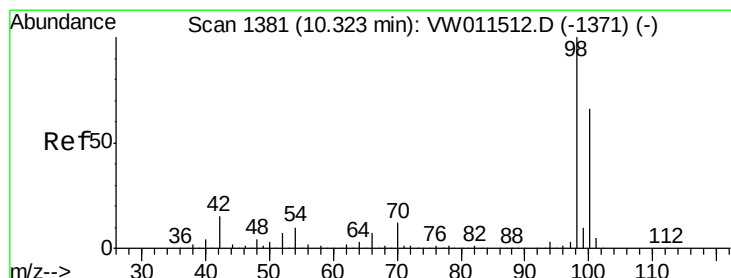
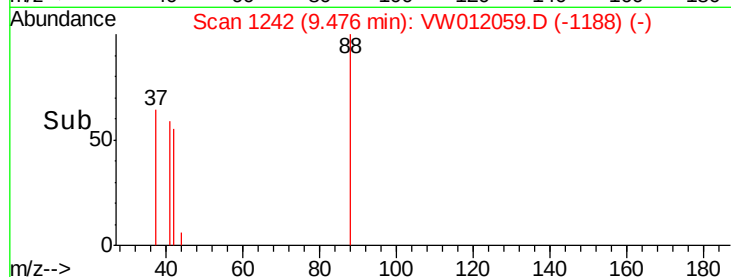
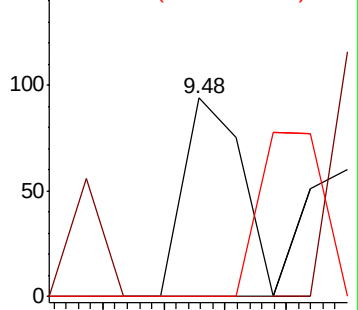
#49
 1,4-Dioxane
 Concen: 2.973 ug/l
 RT: 9.48 min Scan# 1242
 Delta R.T. 0.03 min
 Lab File: VW012059.D
 Acq: 21 Aug 2019 09:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBL01

Tgt Ion: 88 Resp: 62
 Ion Ratio Lower Upper
 88 100
 43 0.0 34.0 51.0#
 58 91.9 69.7 104.5

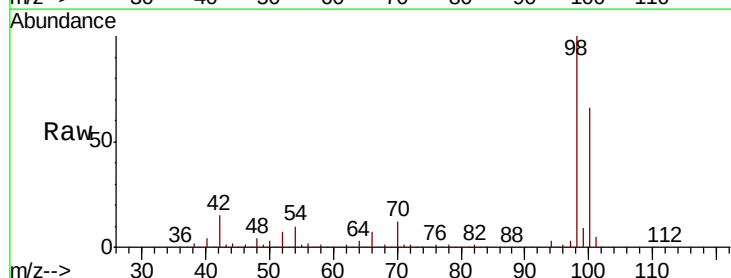


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

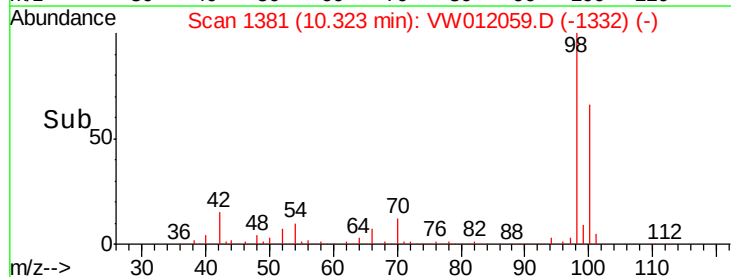
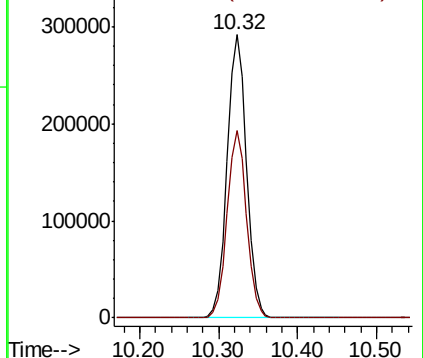


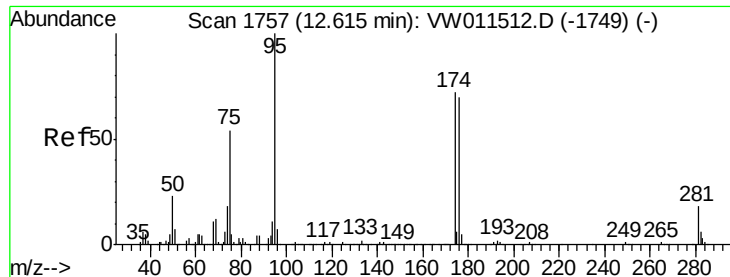
#50
 Toluene-d8
 Concen: 53.536 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012059.D
 Acq: 21 Aug 2019 09:33

Tgt Ion: 98 Resp: 497976
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.7 79.1



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





#62

4-Bromofluorobenzene

Concen: 49.809 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012059.D

Acq: 21 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL01

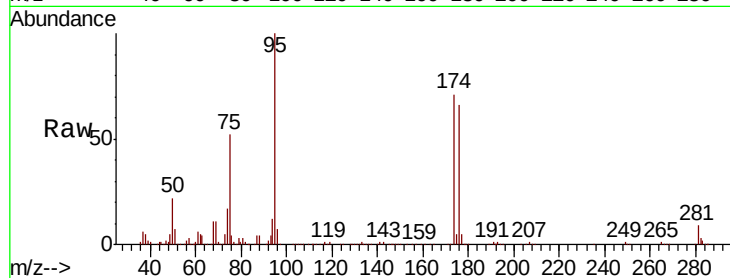
Tgt Ion: 95 Resp: 165178

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.2

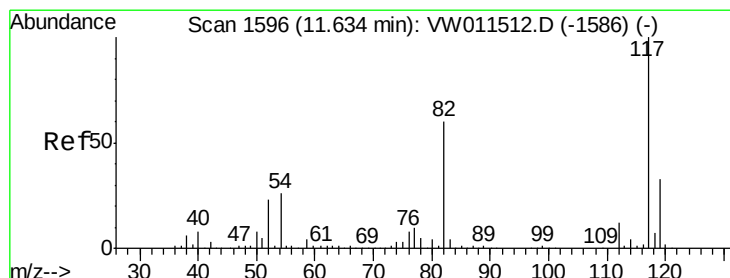
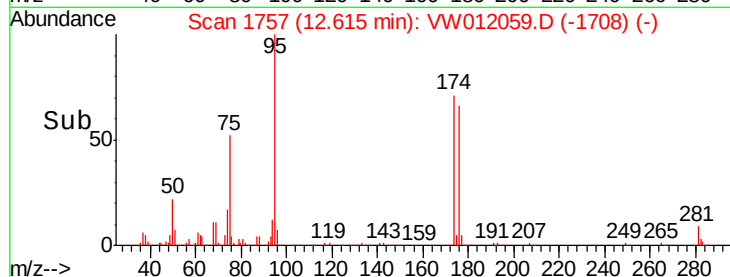
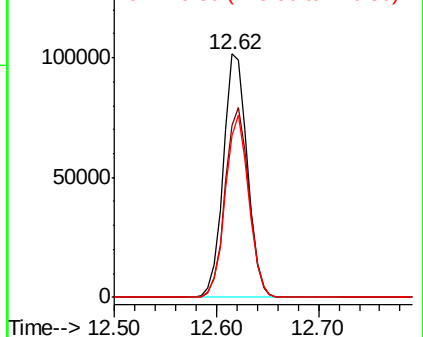
176 73.1 0.0 144.4



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: VW012059.D

Acq: 21 Aug 2019 09:33

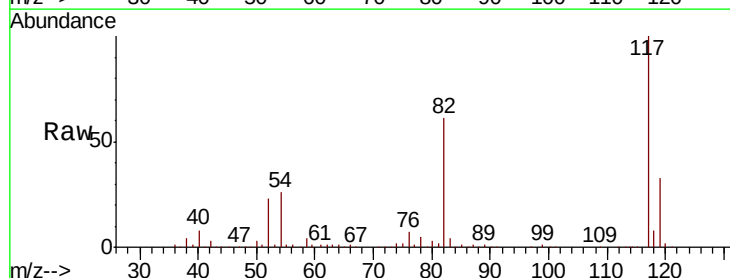
Tgt Ion: 117 Resp: 345503

Ion Ratio Lower Upper

117 100

82 60.5 47.9 71.9

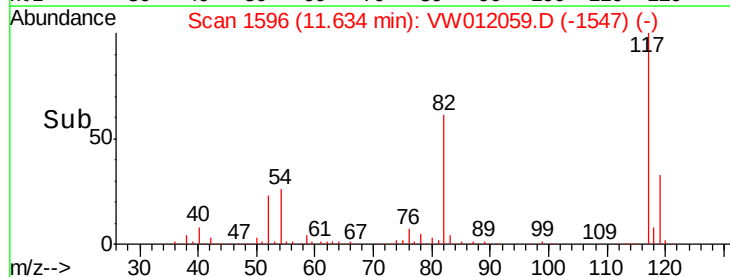
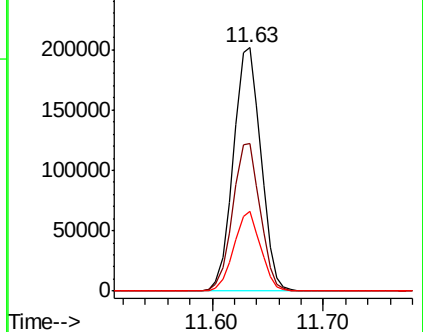
119 32.6 26.2 39.2

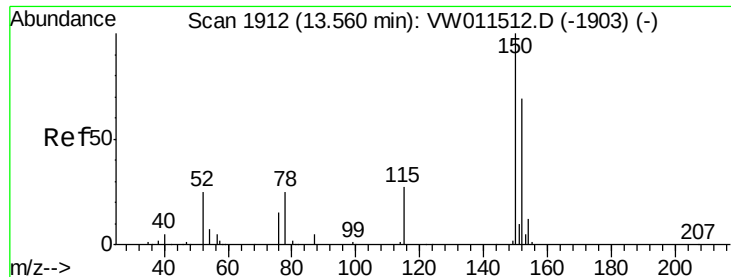


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW012059.D

Acq: 21 Aug 2019 09:33

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBL01

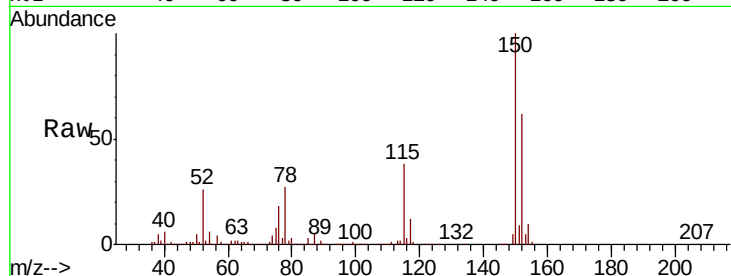
Tgt Ion:152 Resp: 148903

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

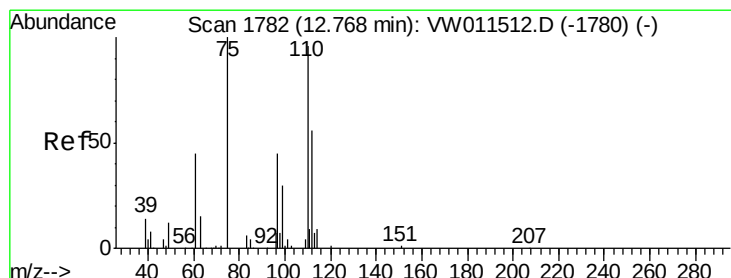
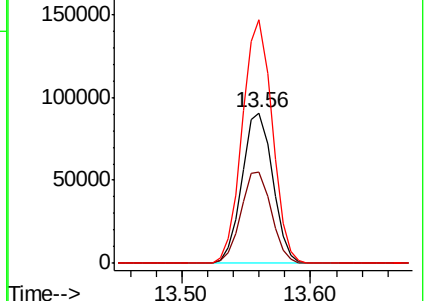
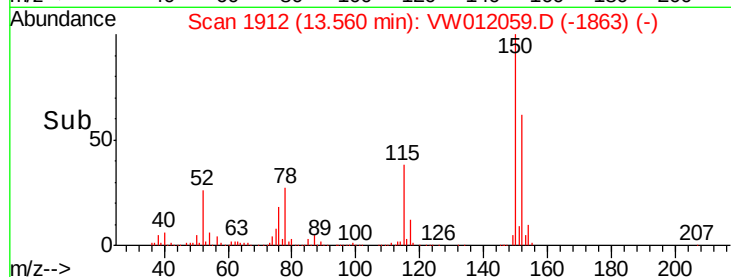
150 158.2 0.0 352.6



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: 55.464 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012059.D

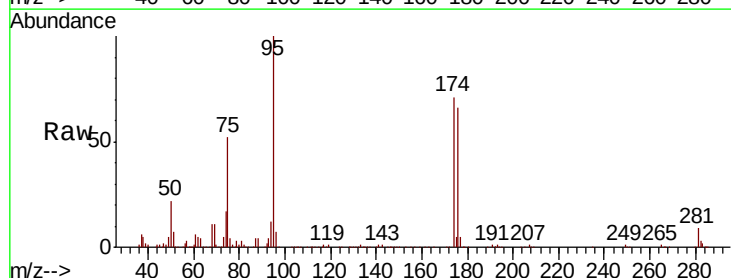
Acq: 21 Aug 2019 09:33

Tgt Ion: 75 Resp: 87387

Ion Ratio Lower Upper

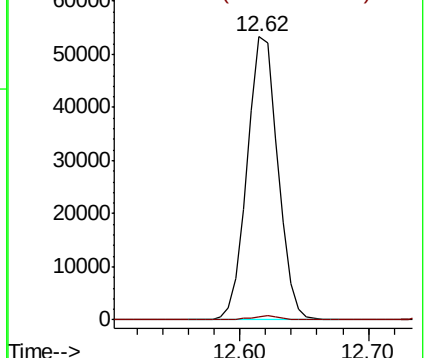
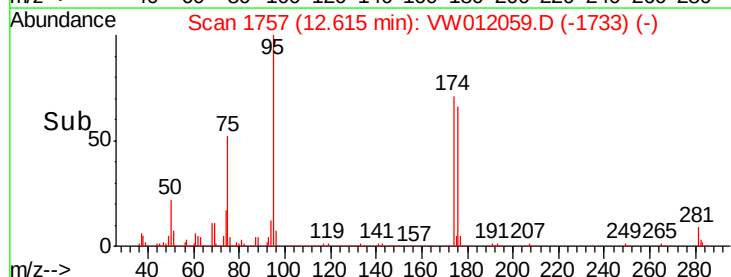
75 100

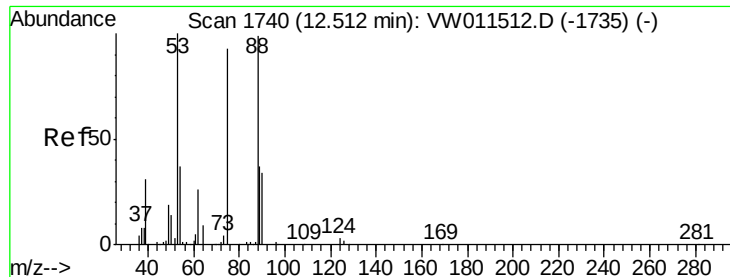
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

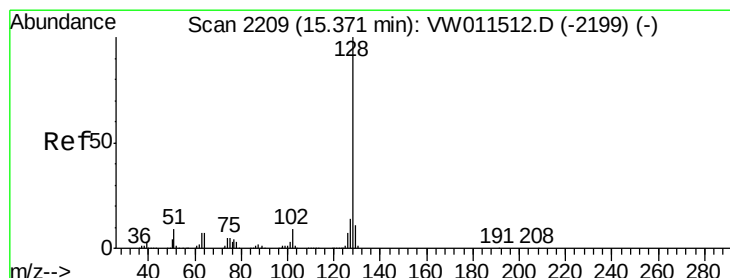
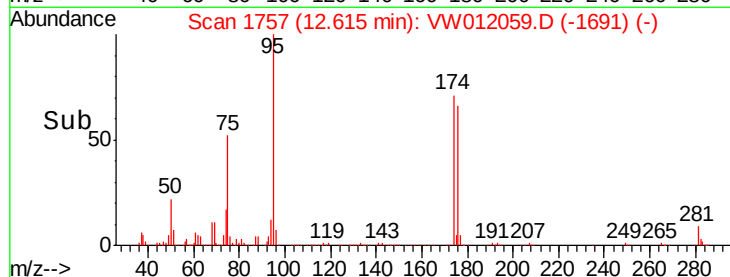
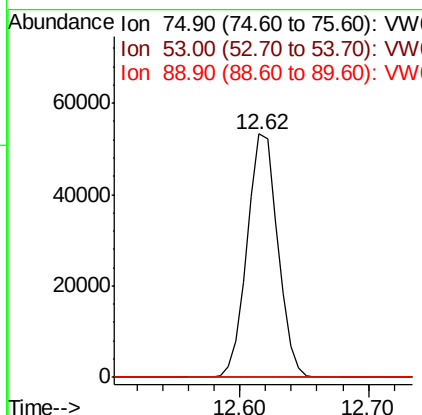
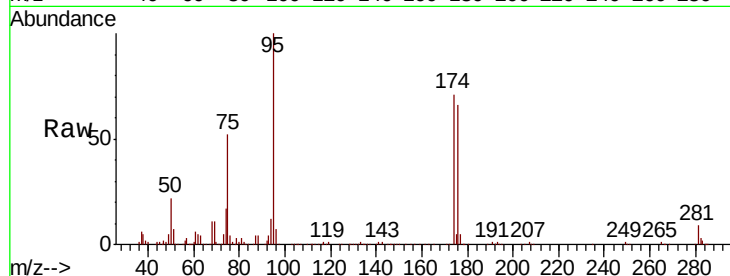




#81
trans-1,4-Dichloro-2-butene
Concen: 127.825 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012059.D
Acq: 21 Aug 2019 09:33

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBL01

Tgt Ion: 75 Resp: 87387
Ion Ratio Lower Upper
75 100
53 0.1 88.0 132.0#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.369 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW012059.D
Acq: 21 Aug 2019 09:33

Tgt Ion: 128 Resp: 1858
Ion Ratio Lower Upper
128 100
127 15.8 10.6 16.0
129 12.6 8.6 13.0

