

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012601.D
 Acq On : 04 Sep 2019 17:58
 Operator : SY/VA
 Sample : K4525-11
 Misc : 5.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)RE

Quant Time: Sep 05 07:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

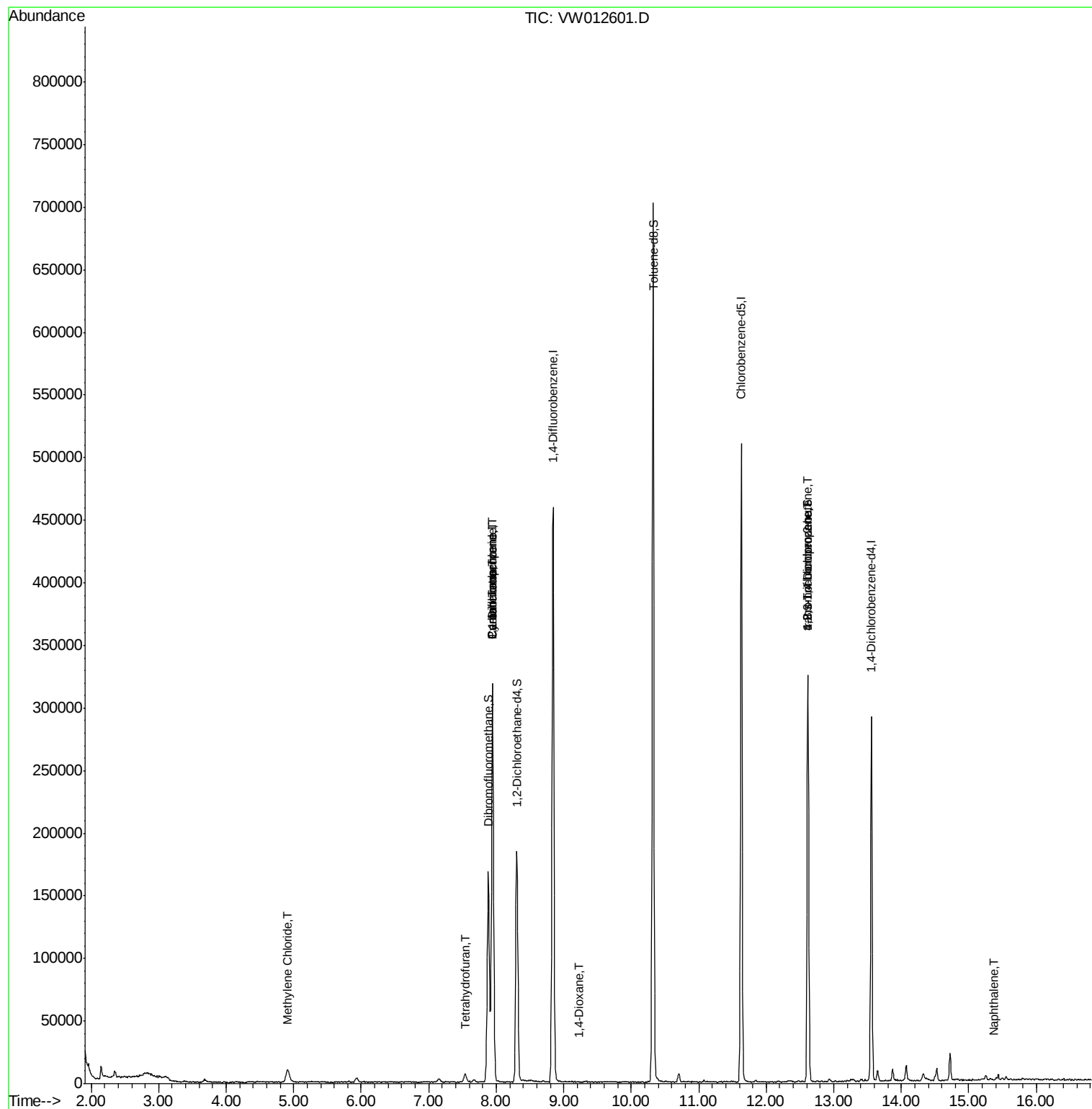
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153837	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
35) Dibromofluoromethane	7.88	113	117711	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
50) Toluene-d8	10.32	98	435261	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	100813	32.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.26%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.90	84	7961	3.079	ug/l #	86
29) Tetrahydrofuran	7.54	42	5695	10.214	ug/l #	94
31) Cyclohexane	7.95	56	5912	1.227	ug/l #	21
36) 1,1-Dichloropropene	7.94	75	19256	5.146	ug/l #	52
38) Carbon Tetrachloride	7.95	117	23088	7.128	ug/l #	17
49) 1,4-Dioxane	9.23	88	49	2.616	ug/l #	43
76) 1,2,3-Trichloropropane	12.62	75	55864	80.647	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55864	176.822	ug/l #	6
95) Naphthalene	15.37	128	197	4.388	ug/l #	69

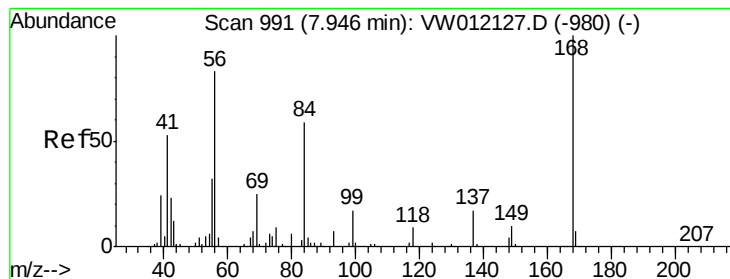
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

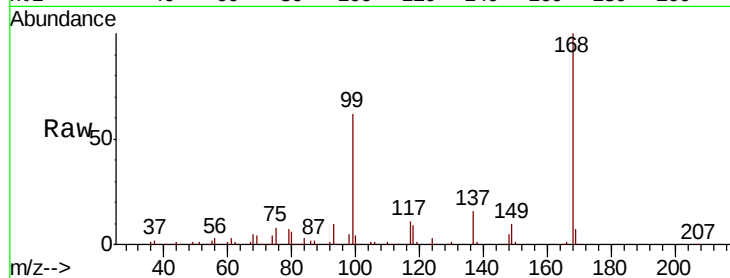
T9-12-13-B1-(0)RE

Tgt Ion:168 Resp: 225064

Ion Ratio Lower Upper

168 100

99 62.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

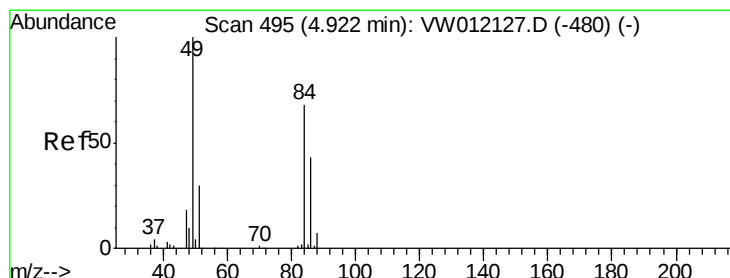
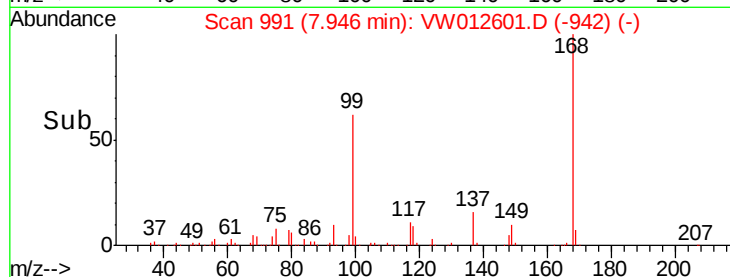
20000

0

7.95

7.80 7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 3.079 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

Tgt Ion: 84 Resp: 7961

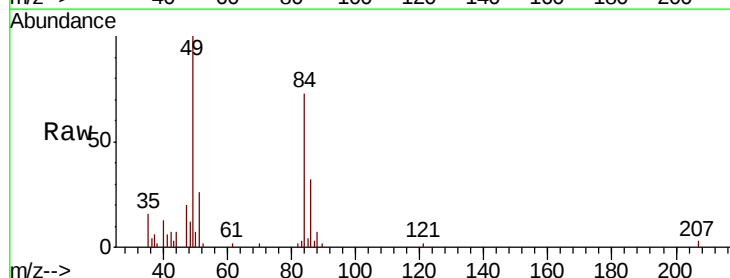
Ion Ratio Lower Upper

84 100

49 136.1 117.8 176.8

51 35.7 35.6 53.4

86 43.3 51.2 76.8#



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

4000

3000

2000

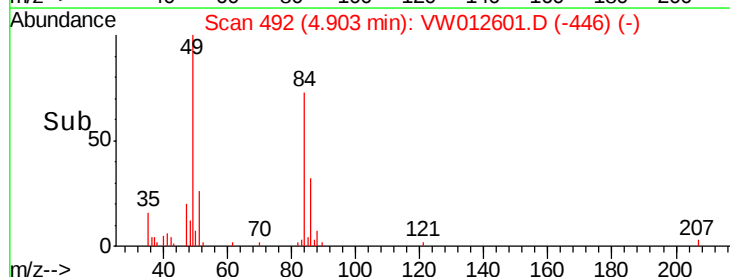
1000

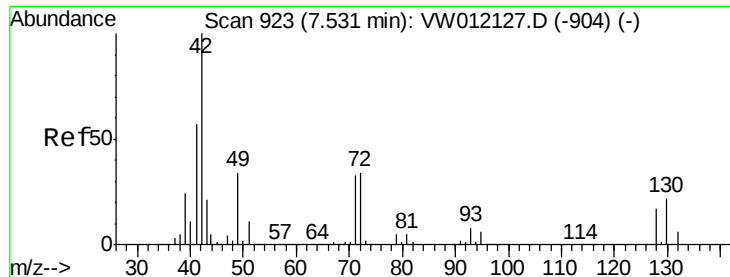
0

4.90

4.80 4.90 5.00

Time-->





#29

Tetrahydrofuran

Concen: 10.214 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B1-(0)RE

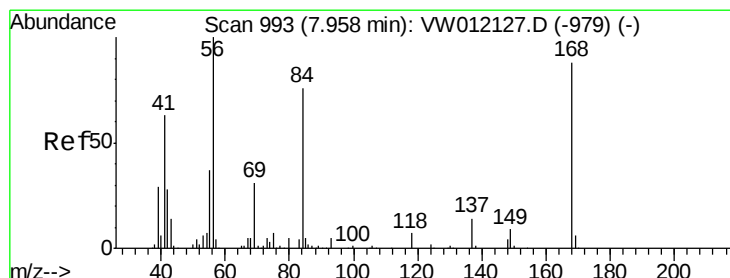
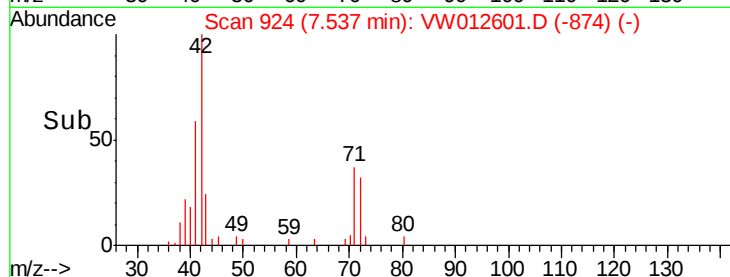
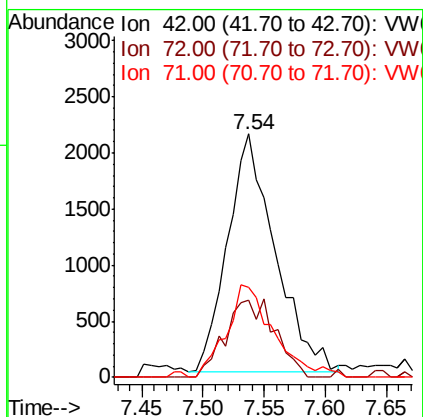
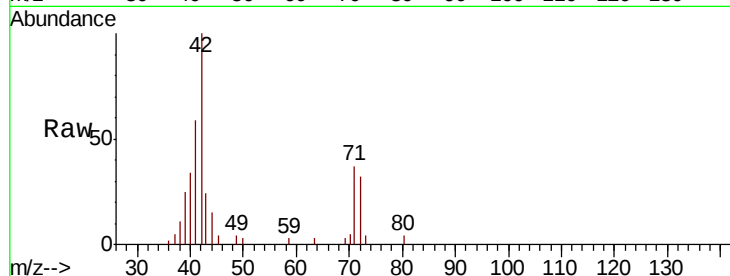
Tgt Ion: 42 Resp: 5695

Ion Ratio Lower Upper

42 100

72 34.3 27.3 40.9

71 38.8 25.5 38.3#



#31

Cyclohexane

Concen: 1.227 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

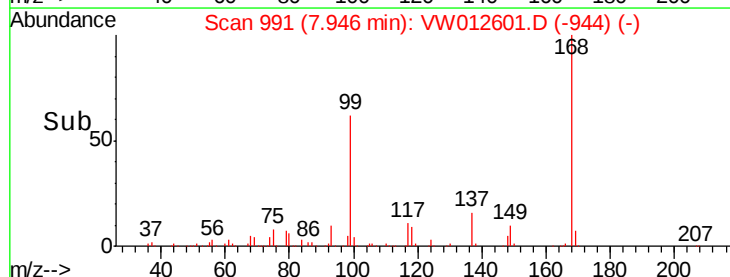
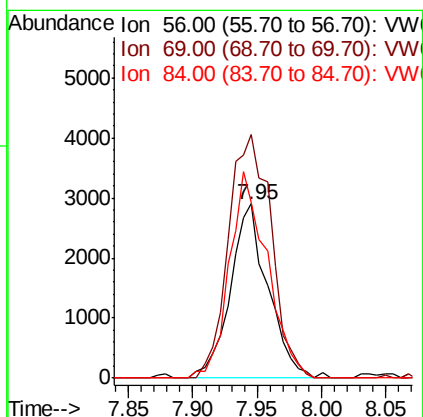
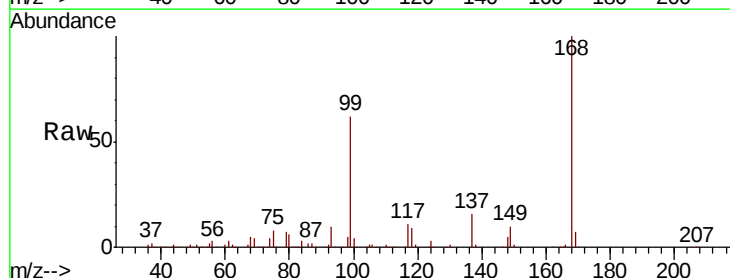
Tgt Ion: 56 Resp: 5912

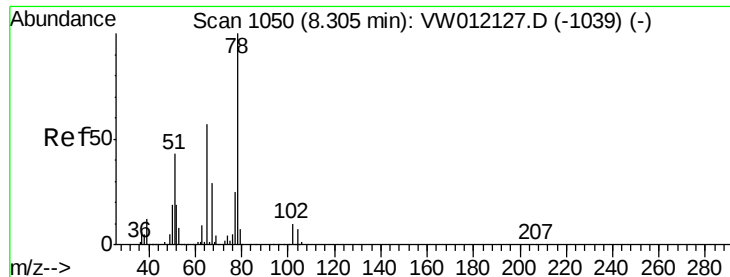
Ion Ratio Lower Upper

56 100

69 139.8 24.9 37.3#

84 101.2 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 57.499 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

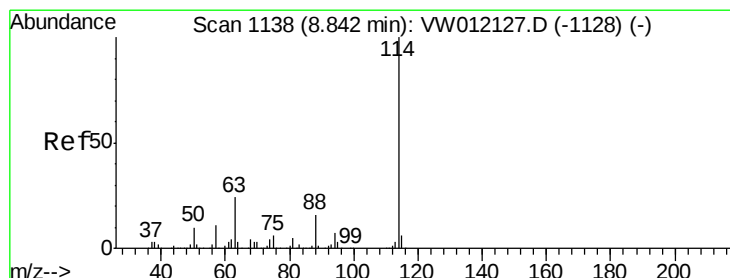
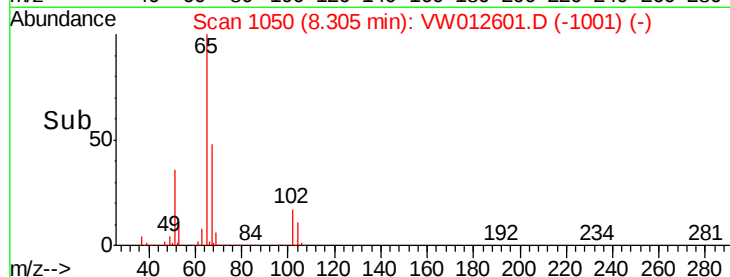
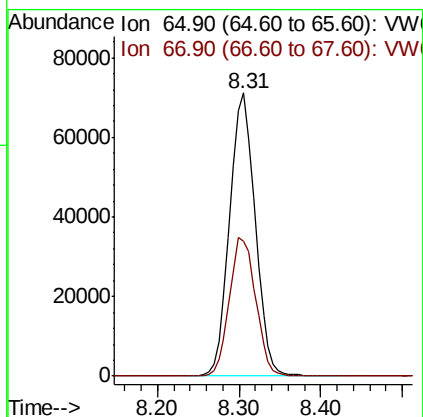
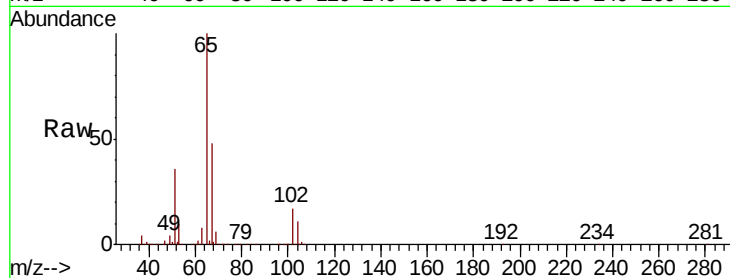
T9-12-13-B1-(0)RE

Tgt Ion: 65 Resp: 153837

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

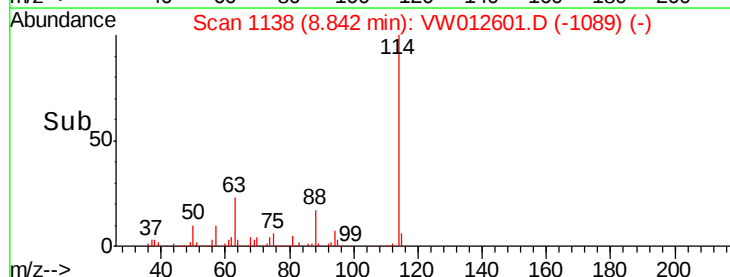
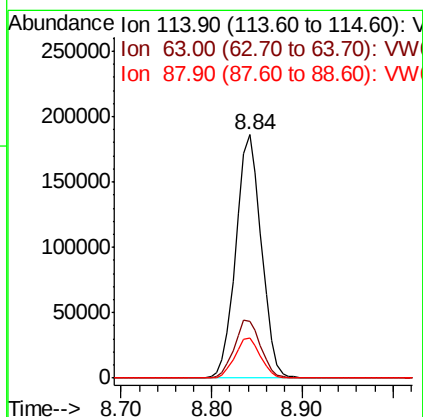
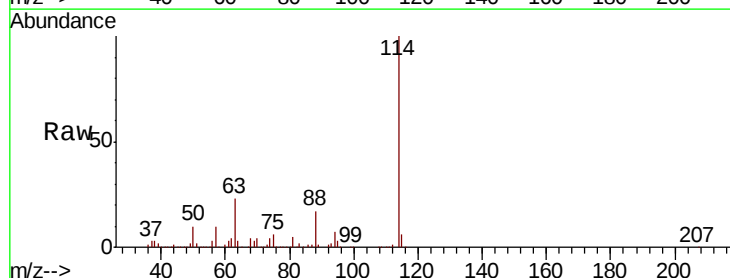
Tgt Ion: 114 Resp: 362139

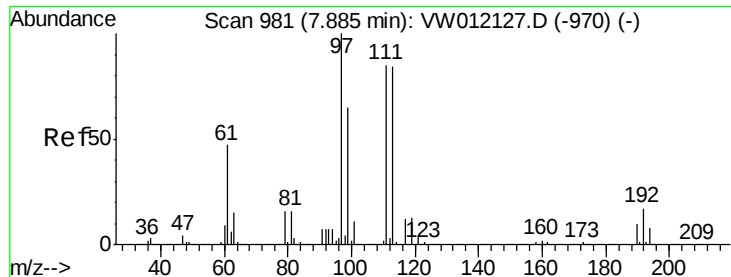
Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.6

88 16.5 0.0 32.2

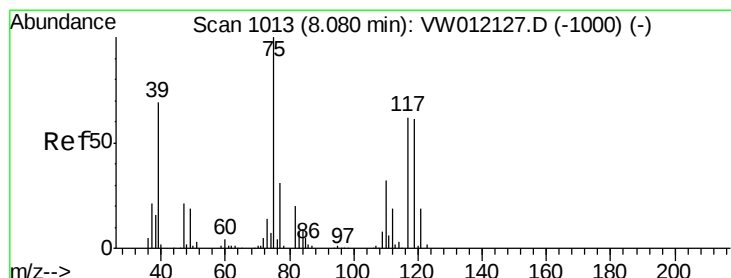
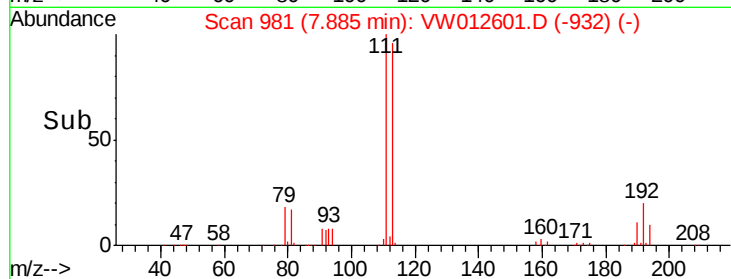
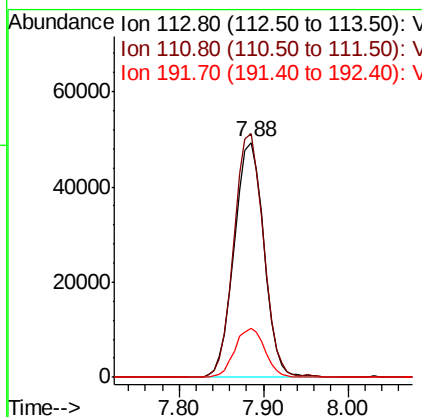
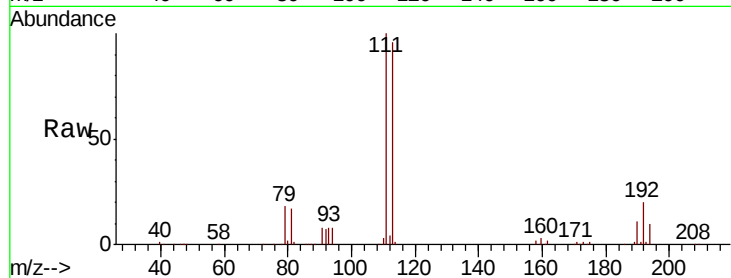




#35
 Dibromofluoromethane
 Concen: 54.455 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

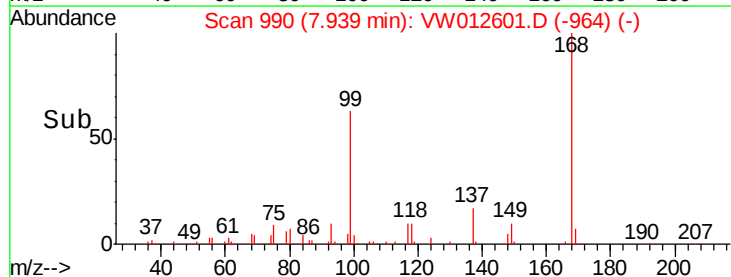
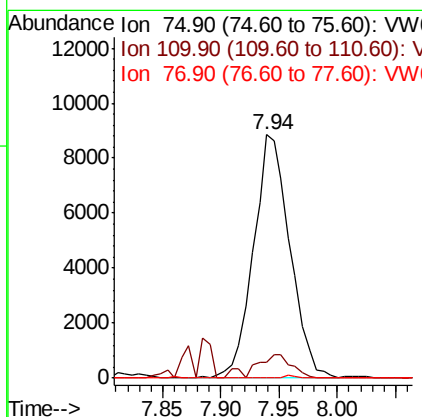
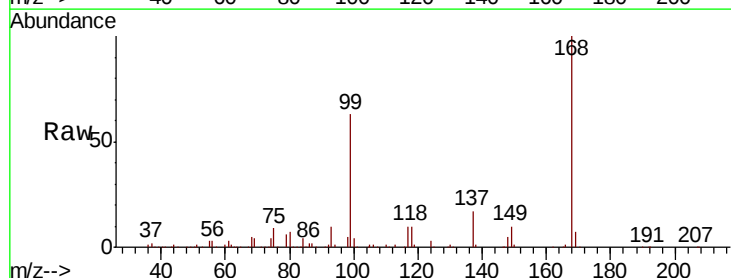
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)RE

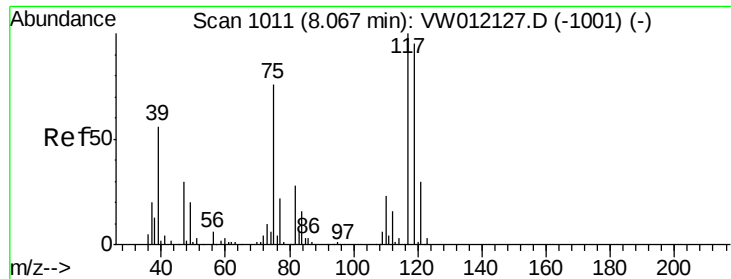
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	21.0	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.146 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	15.6	46.8#
77	0.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 7.128 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B1-(0)RE

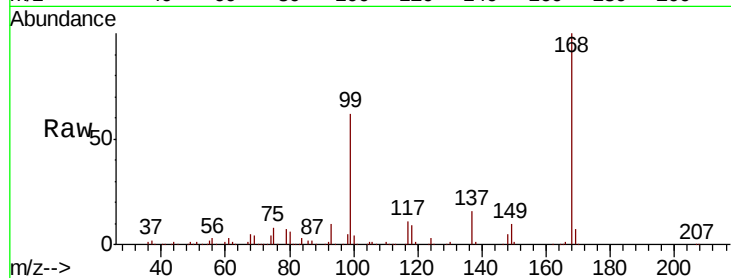
Tgt Ion:117 Resp: 23088

Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.2#

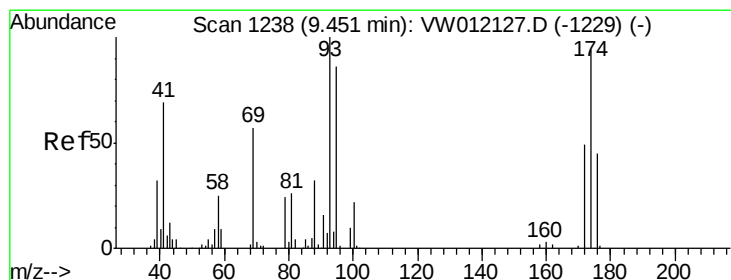
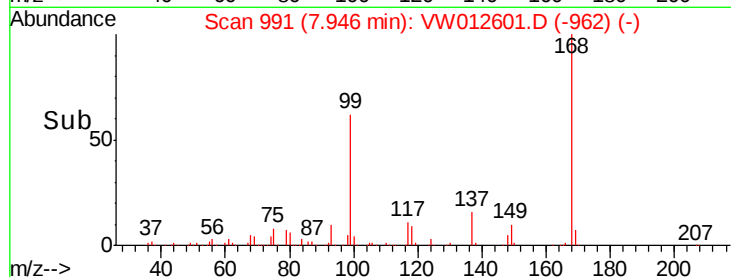
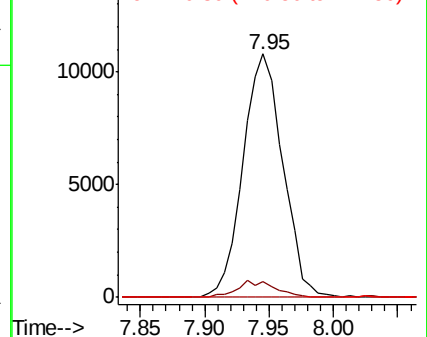
121 0.0 23.8 35.8#



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



#49

1,4-Dioxane

Concen: 2.616 ug/l

RT: 9.23 min Scan# 1201

Delta R.T. -0.23 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

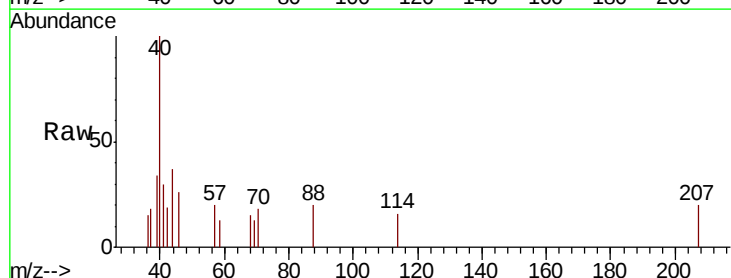
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 32.9 49.3#

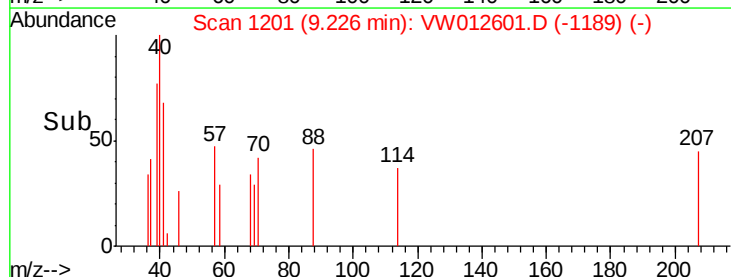
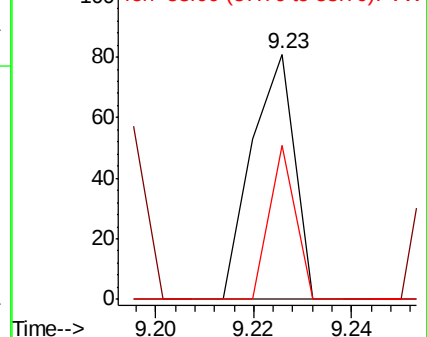
58 38.8 71.0 106.4#

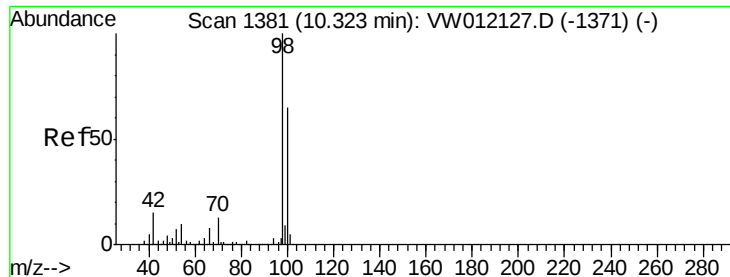


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 49.661 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

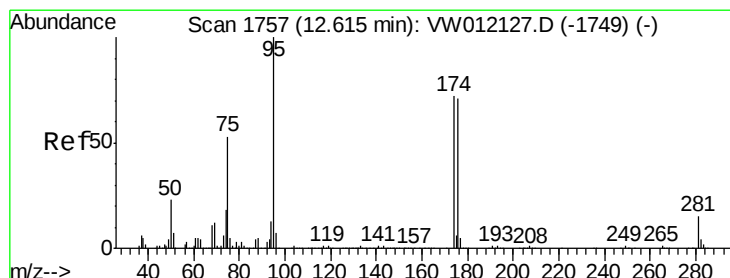
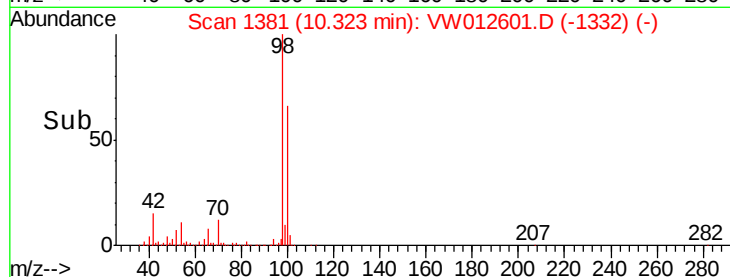
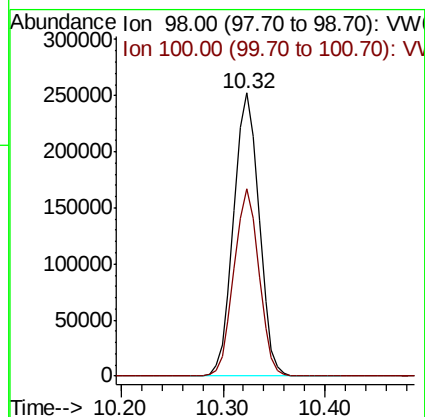
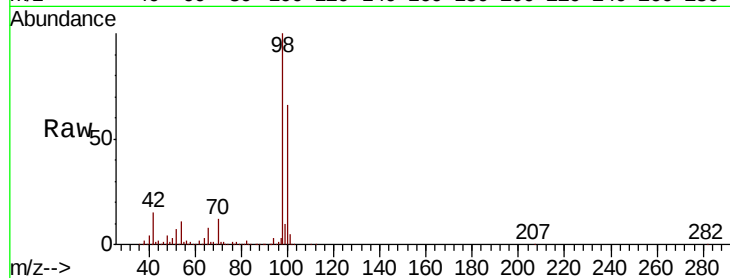
T9-12-13-B1-(0)RE

Tgt Ion: 98 Resp: 435261

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 32.630 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

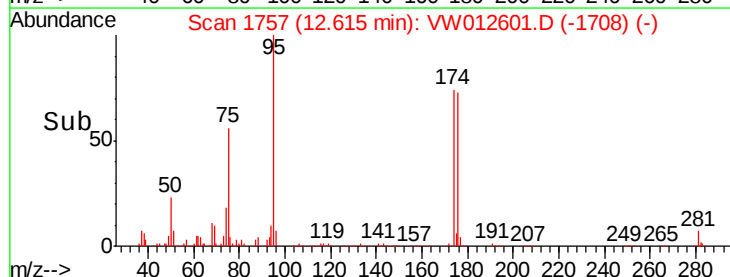
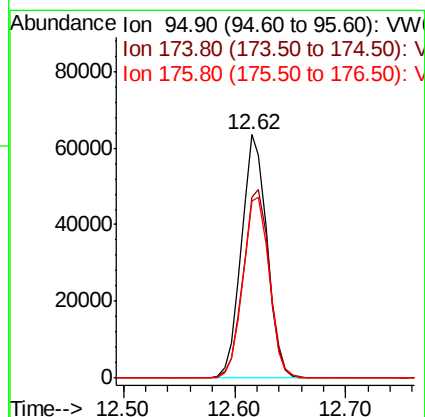
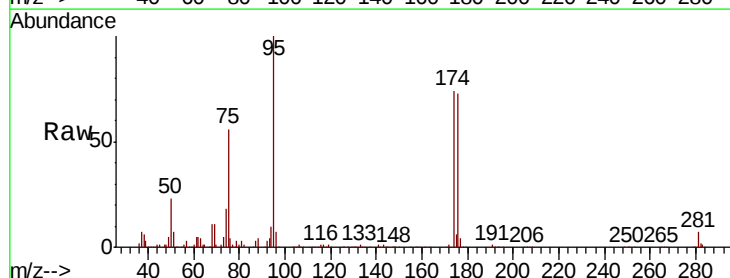
Tgt Ion: 95 Resp: 100813

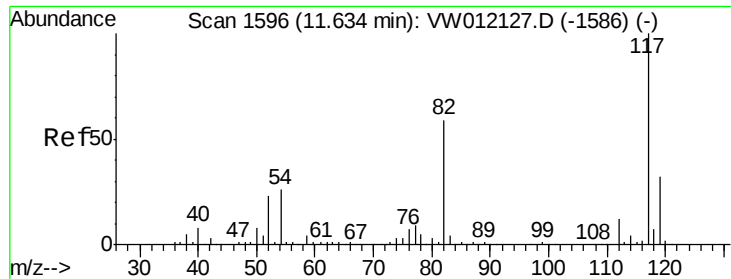
Ion Ratio Lower Upper

95 100

174 80.2 0.0 150.8

176 76.6 0.0 148.6

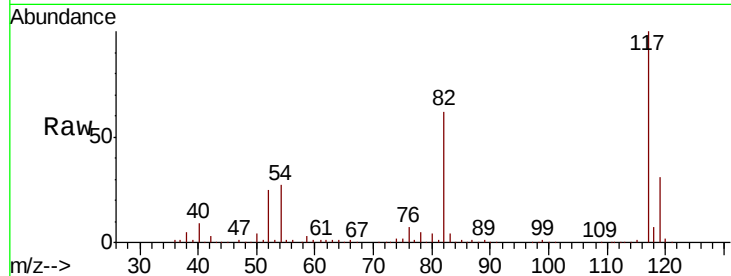




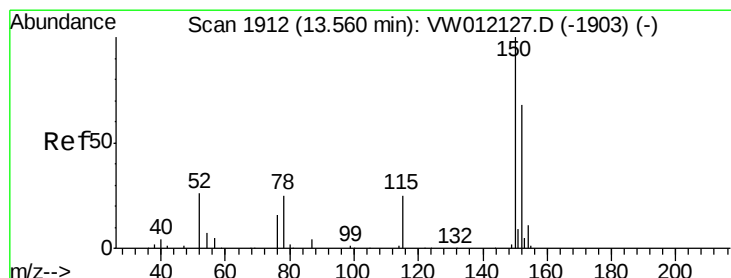
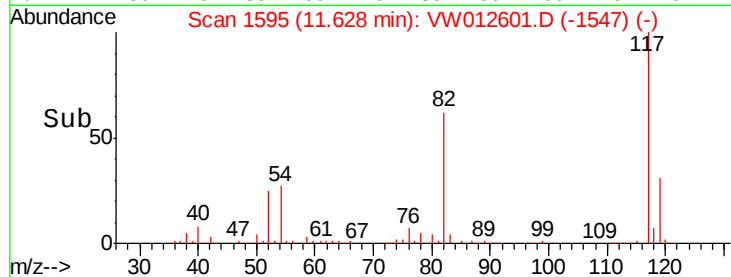
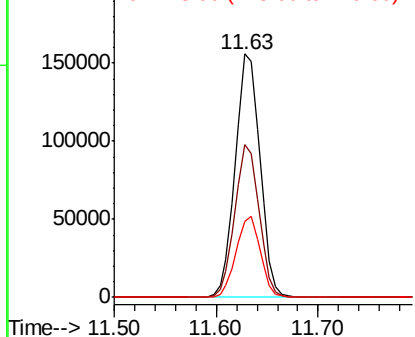
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012601.D
Acq: 04 Sep 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B1-(0)RE

Tgt Ion:117 Resp: 261087
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.2
119 31.2 25.4 38.2

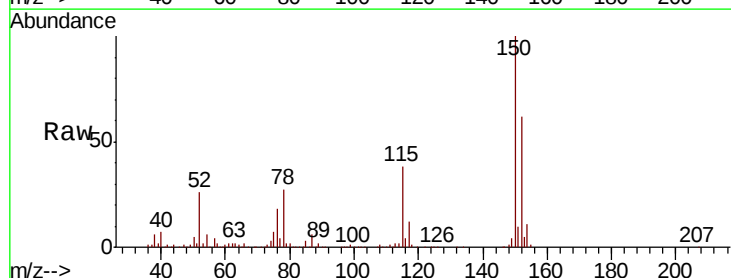


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

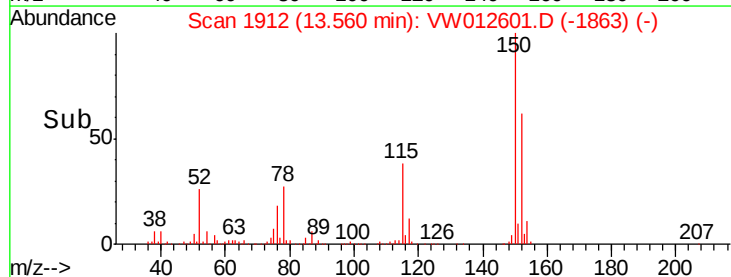
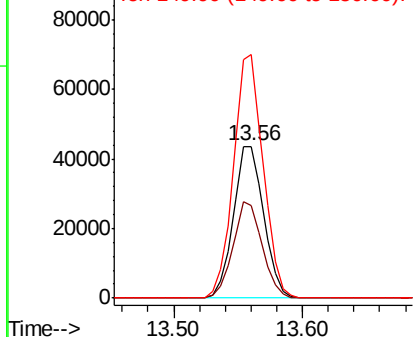


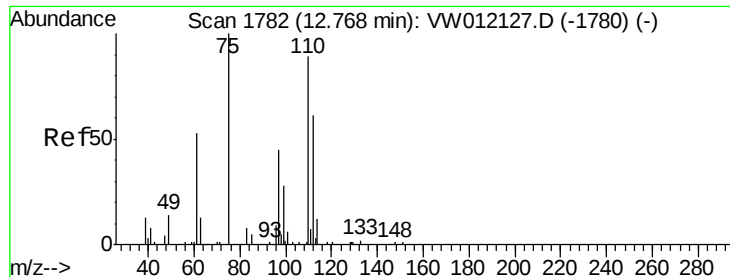
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012601.D
Acq: 04 Sep 2019 17:58

Tgt Ion:152 Resp: 71124
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 157.4 0.0 345.8



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

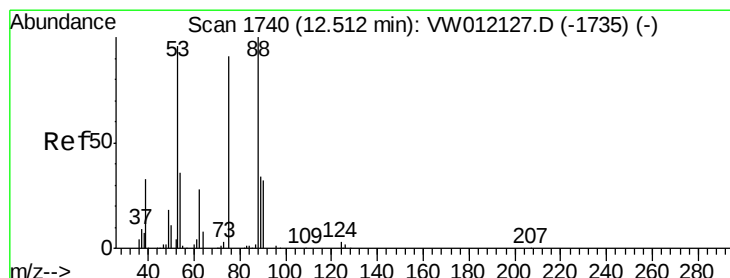
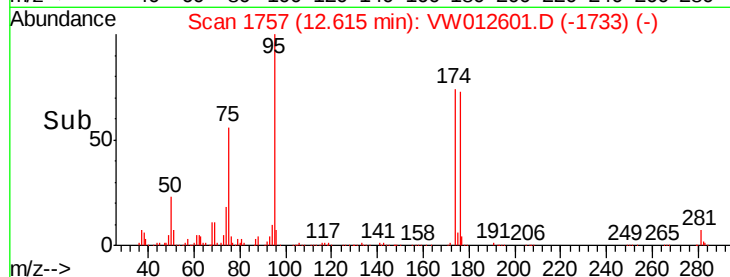
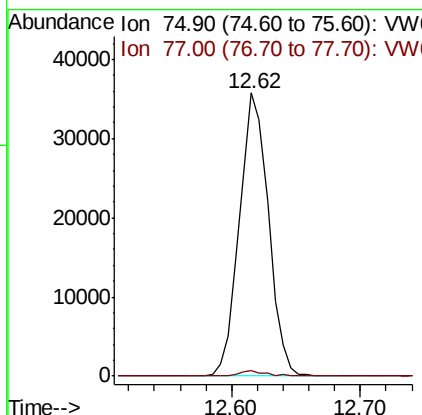
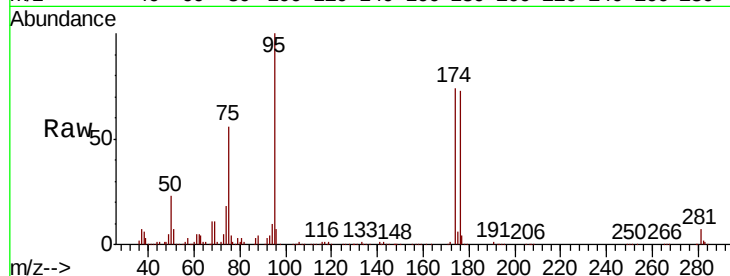




#76
 1,2,3-Trichloropropane
 Concen: 80.647 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

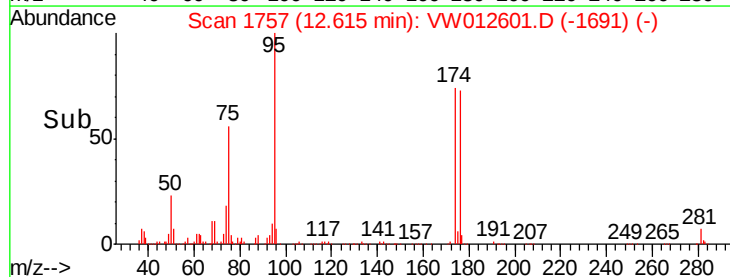
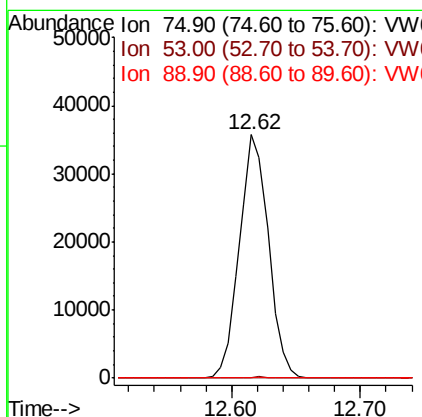
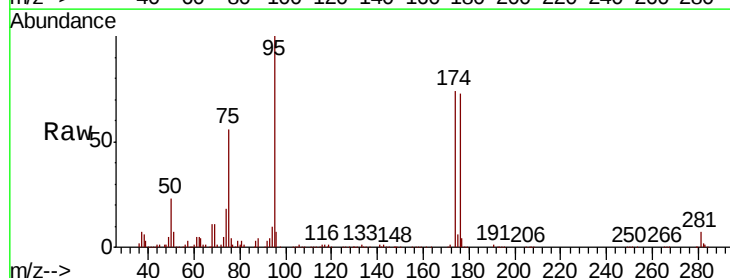
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)RE

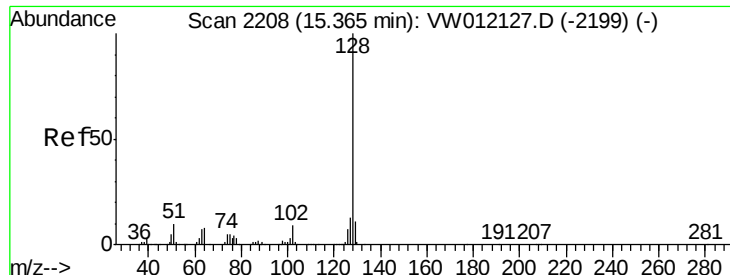
Tgt Ion: 75 Resp: 55864
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 176.822 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

Tgt Ion: 75 Resp: 55864
 Ion Ratio Lower Upper
 75 100
 53 0.3 89.4 134.0#
 89 0.0 34.5 51.7#

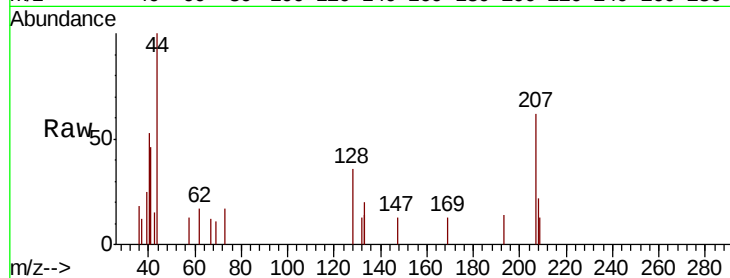




#95
Naphthalene
Concen: 4.388 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012601.D
Acq: 04 Sep 2019 17:58

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B1-(0)RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

