

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012563.D
 Acq On : 03 Sep 2019 23:40
 Operator : SY/VA
 Sample : K4525-02RE
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A1-(0)

Quant Time: Sep 04 06:51:51 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	239686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79869	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	158364	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	
35) Dibromofluoromethane	7.88	113	122978	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
50) Toluene-d8	10.32	98	461477	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	111642	34.08	ug/l	0.00
Spiked Amount			Recovery	=	68.16%	

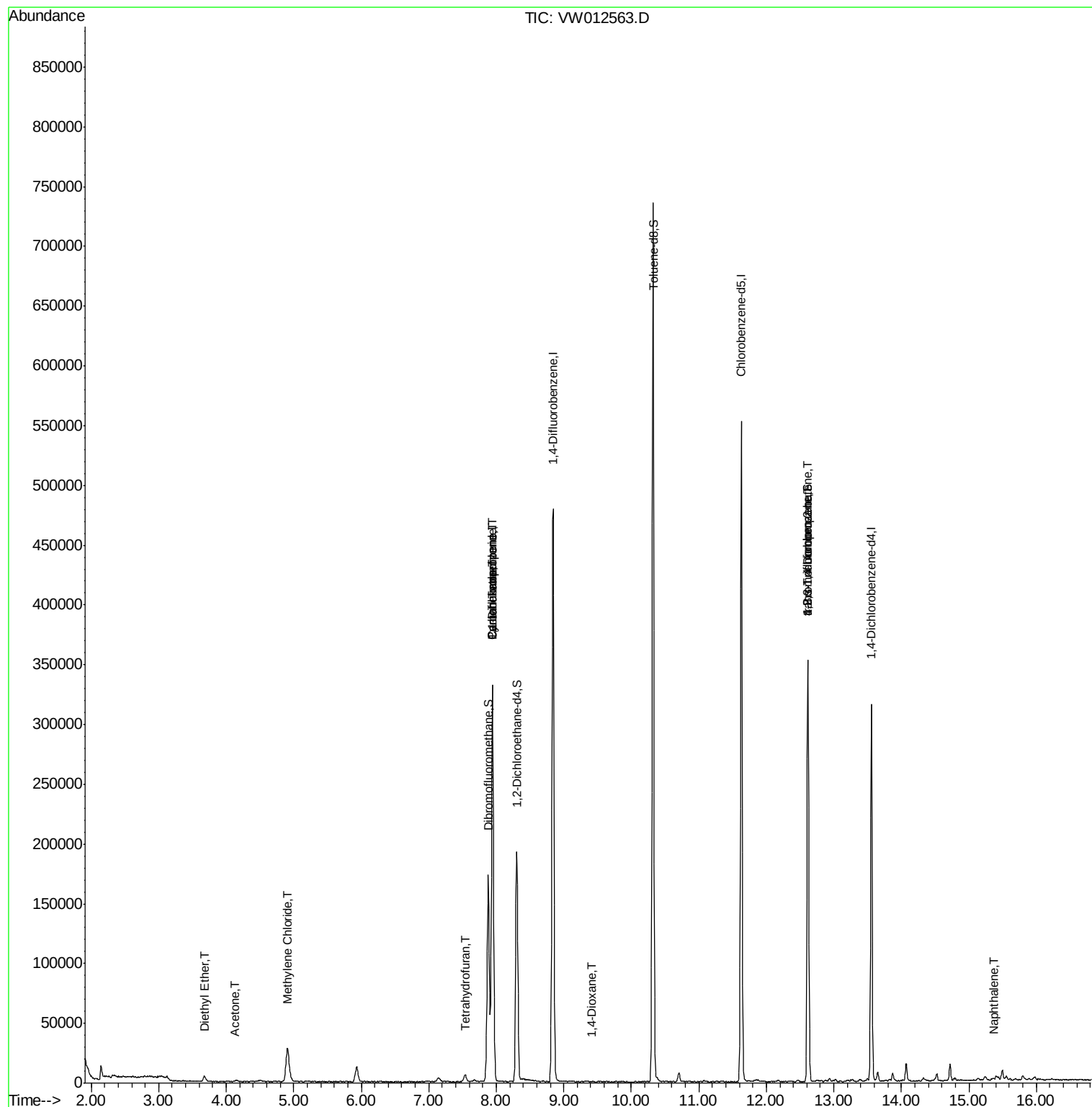
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2102	1.576	ug/l	55
16) Acetone	4.13	43	1267	1.740	ug/l	93
20) Methylene Chloride	4.90	84	20504	7.447	ug/l	94
29) Tetrahydrofuran	7.54	42	4850	8.168	ug/l	94
31) Cyclohexane	7.95	56	5835	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20151	5.079	ug/l #	53
38) Carbon Tetrachloride	7.95	117	24992	7.277	ug/l #	16
49) 1,4-Dioxane	9.42	88	107	5.387	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61240	78.728	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61240	172.614	ug/l #	6
95) Naphthalene	15.37	128	1352	4.731	ug/l #	88

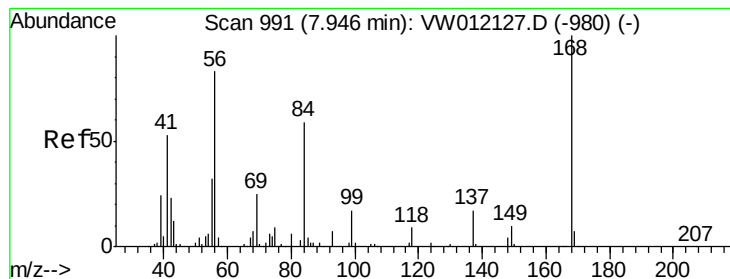
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012563.D

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MSVOA_W

ClientSampleId :

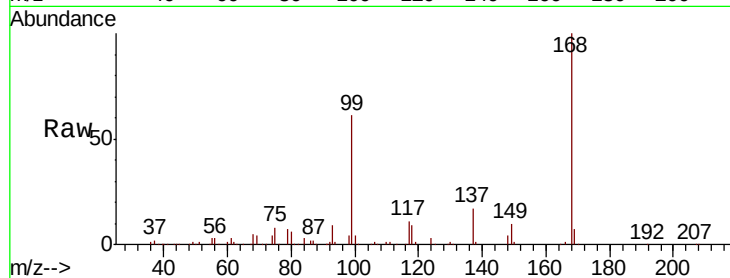
T9-12-13-A1-(0)

Tgt Ion:168 Resp: 239686

Ion Ratio Lower Upper

168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

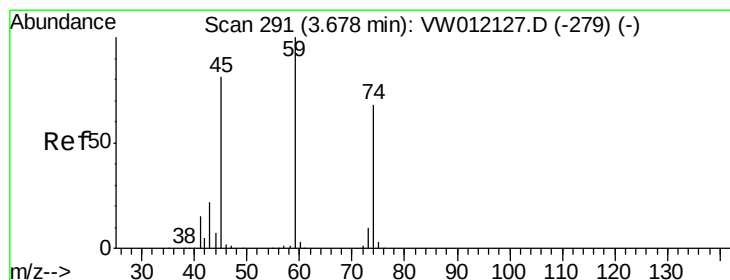
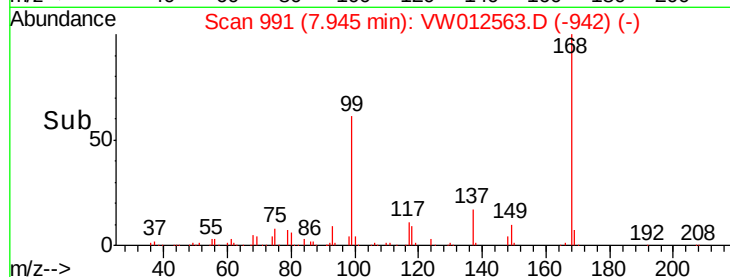
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.576 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012563.D

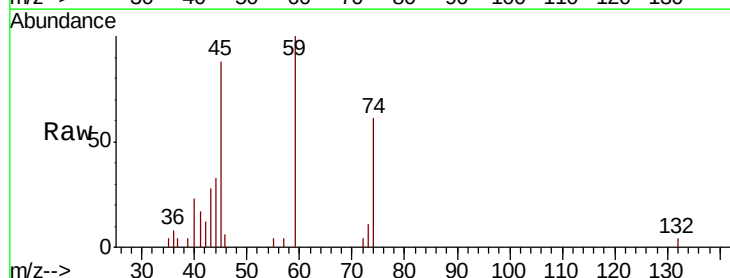
Acq: 03 Sep 2019 23:40

Tgt Ion: 74 Resp: 2102

Ion Ratio Lower Upper

74 100

45 168.2 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

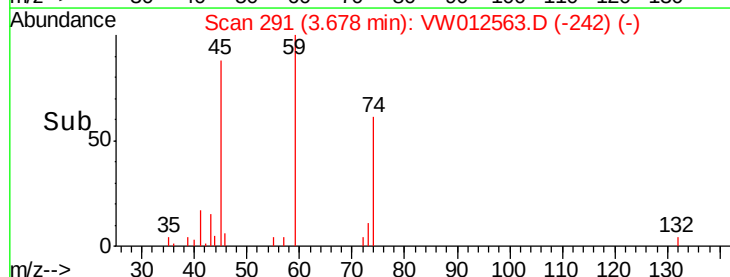
1500

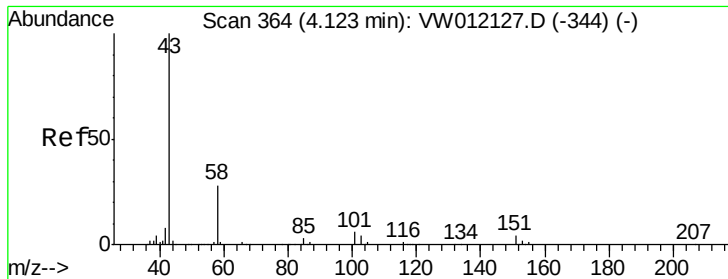
1000

500

0

Time-->





#16

Acetone

Concen: 1.740 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

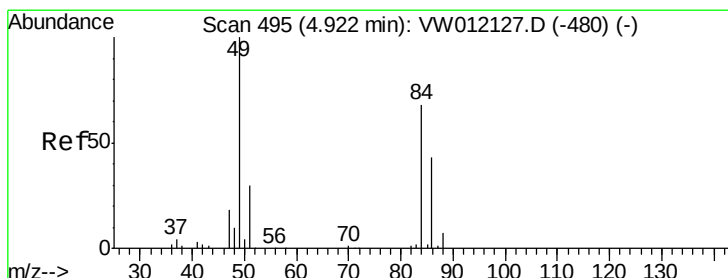
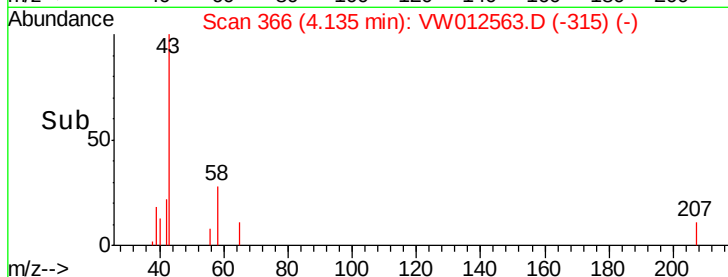
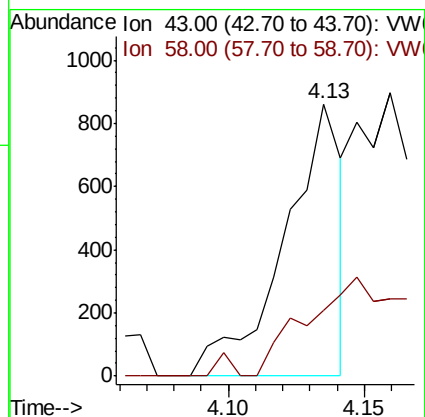
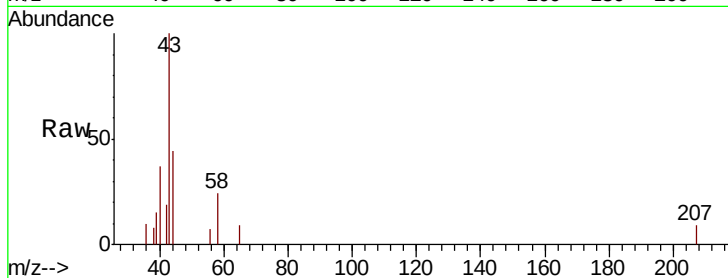
T9-12-13-A1-(0)

Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

58 24.3 22.4 33.6



#20

Methylene Chloride

Concen: 7.447 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Tgt Ion: 84 Resp: 20504

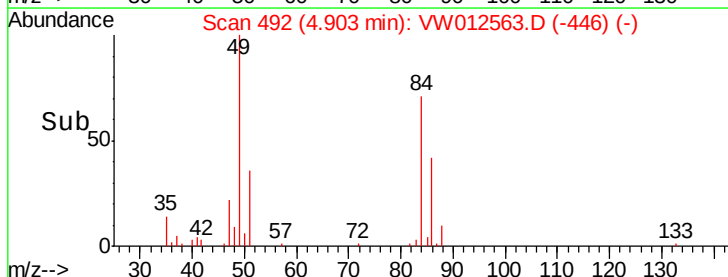
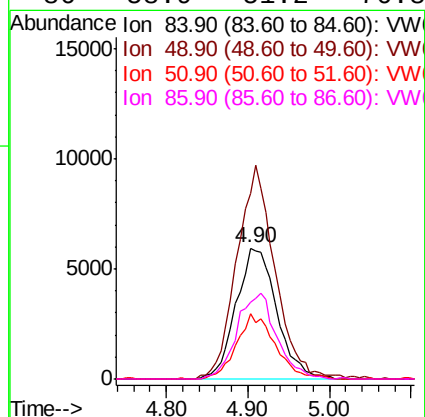
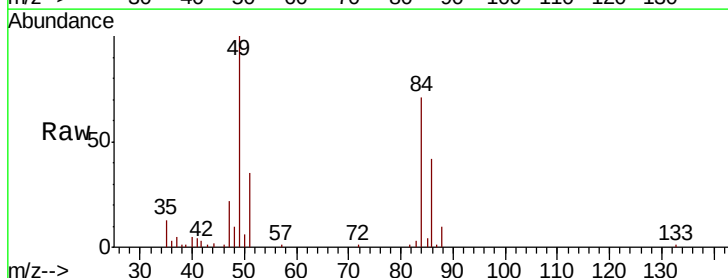
Ion Ratio Lower Upper

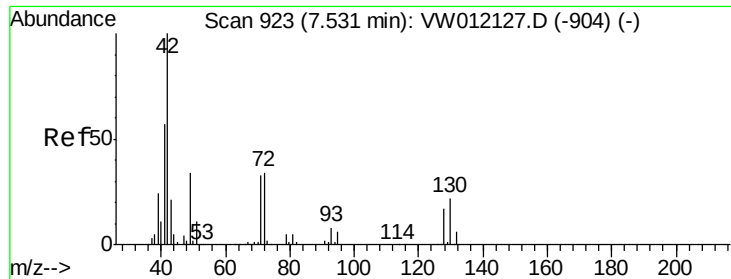
84 100

49 141.8 117.8 176.8

51 50.3 35.6 53.4

86 58.9 51.2 76.8

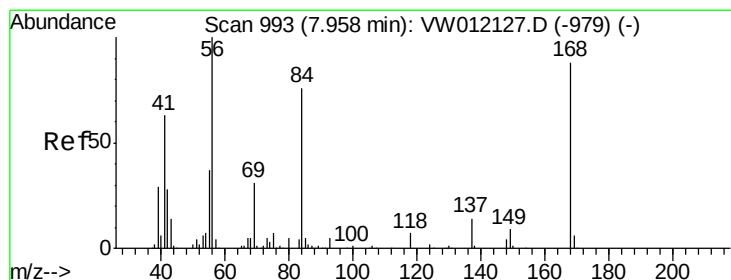
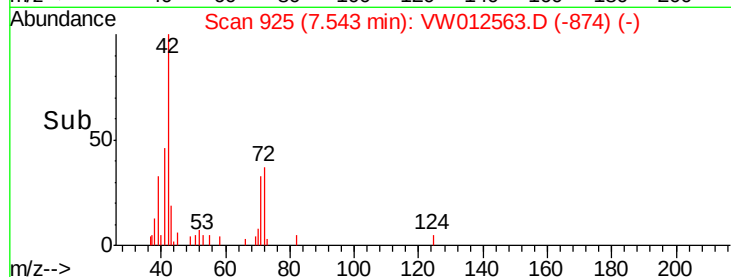
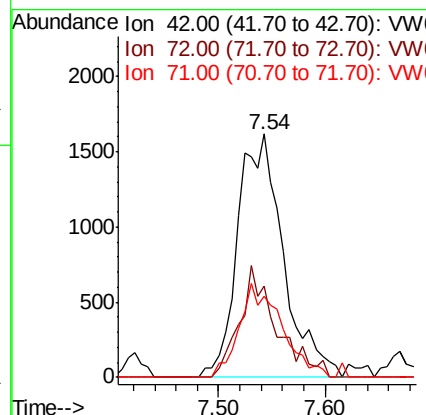
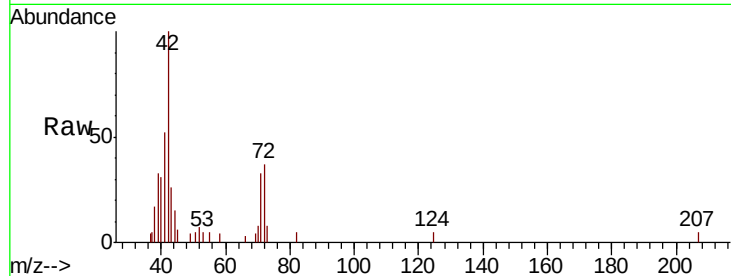




#29
Tetrahydrofuran
Concen: 8.168 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

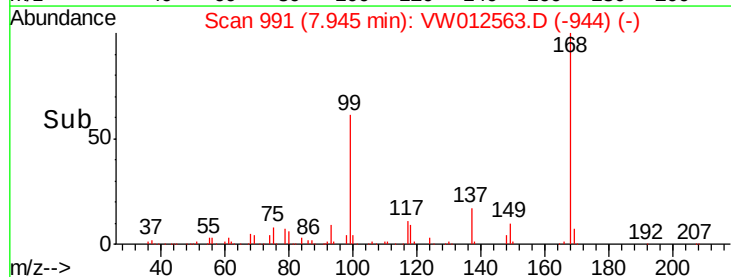
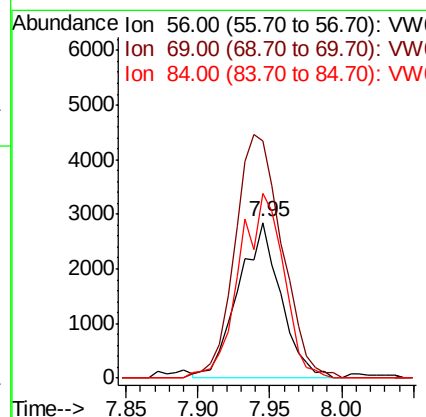
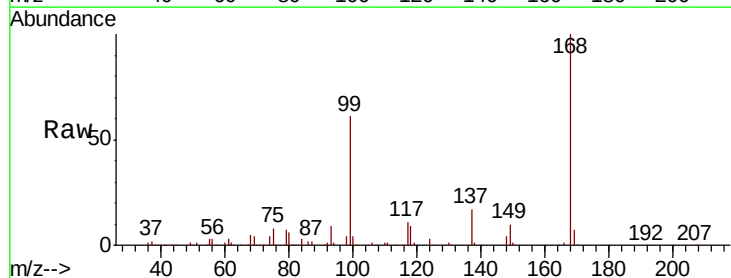
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A1-(0)

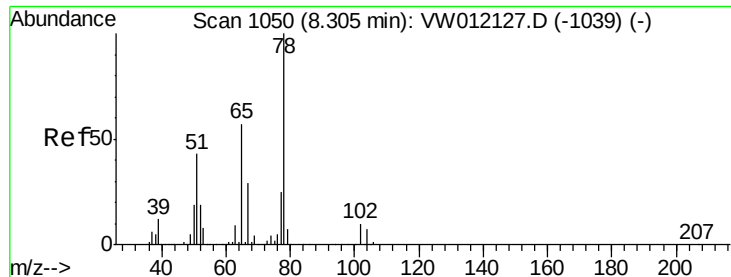
Tgt Ion: 42 Resp: 4850
Ion Ratio Lower Upper
42 100
72 37.1 27.3 40.9
71 35.8 25.5 38.3



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

Tgt Ion: 56 Resp: 5835
Ion Ratio Lower Upper
56 100
69 152.7 24.9 37.3#
84 119.0 60.6 90.8#

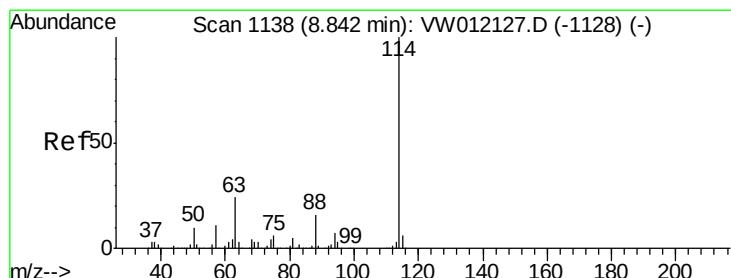
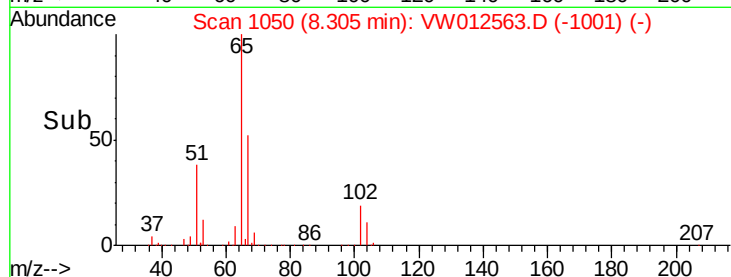
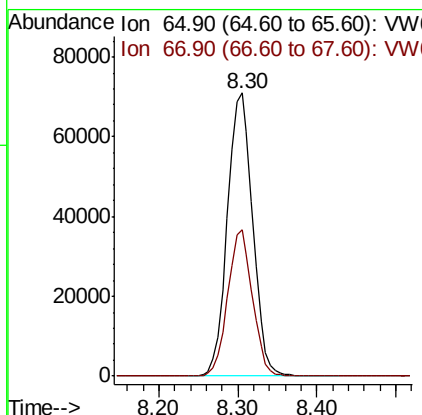
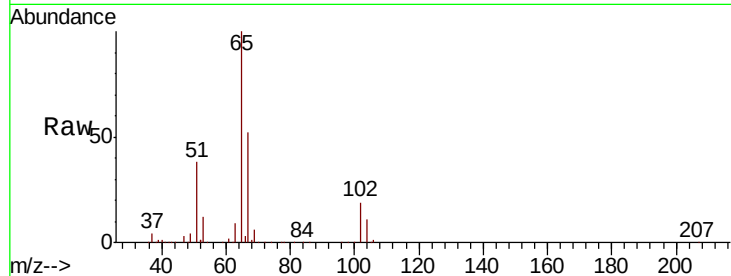




#33
 1,2-Dichloroethane-d4
 Concen: 55.580 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012563.D
 Acq: 03 Sep 2019 23:40

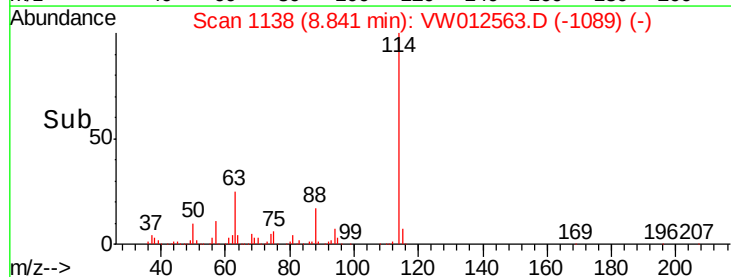
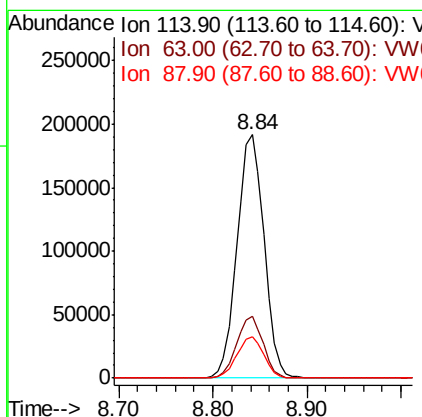
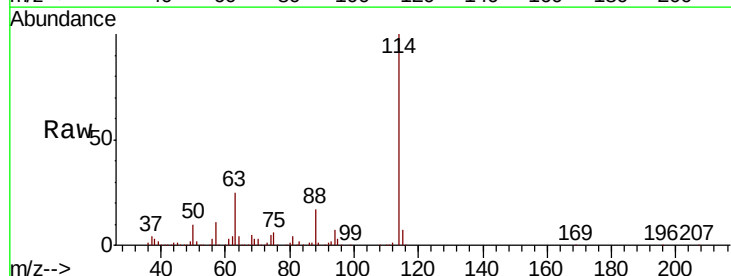
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A1-(0)

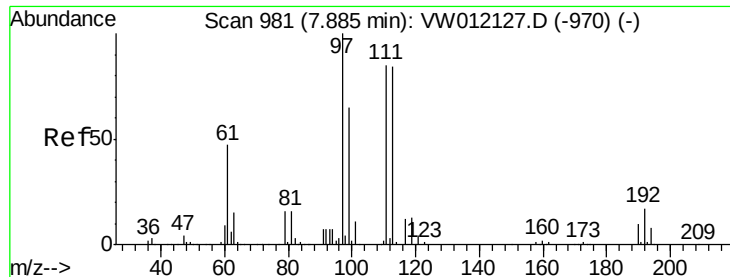
Tgt Ion: 65 Resp: 158364
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012563.D
 Acq: 03 Sep 2019 23:40

Tgt Ion: 114 Resp: 383961
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 48.6
 88 17.0 0.0 32.2

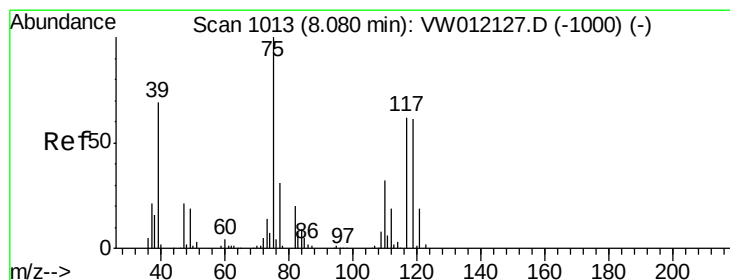
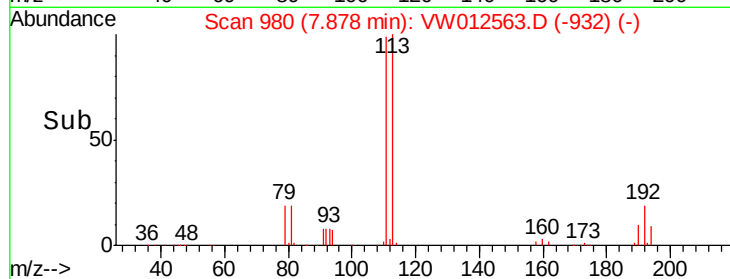
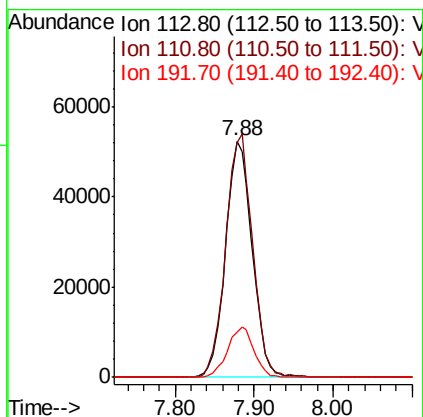
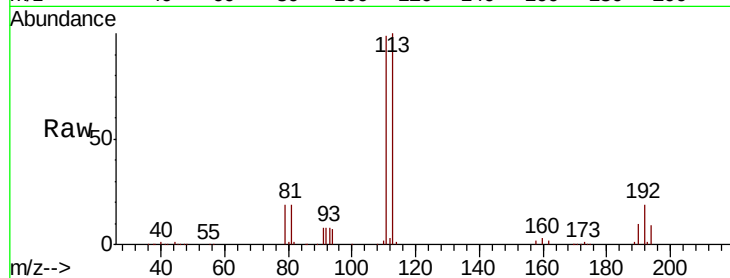




#35
 Dibromofluoromethane
 Concen: 53.658 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012563.D
 Acq: 03 Sep 2019 23:40

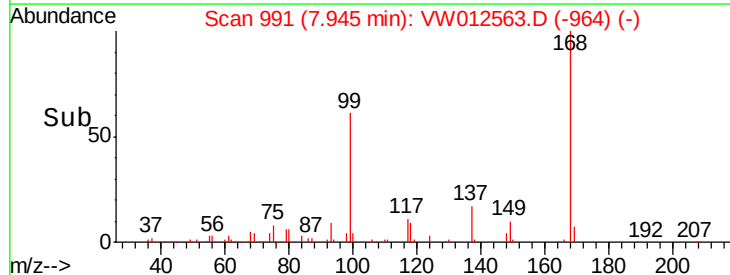
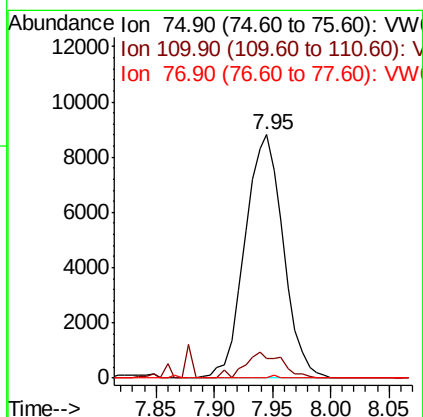
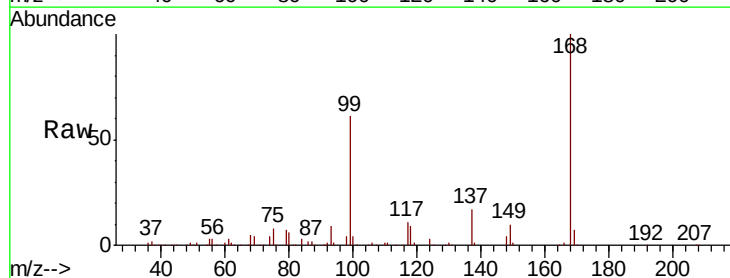
Instrument :
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 ClientSampleId :
 T9-12-13-A1-(0)

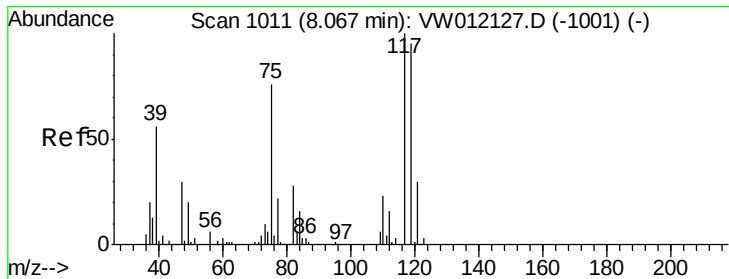
Tgt Ion:113 Resp: 122978
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.7 124.1
 192 21.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.079 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012563.D
 Acq: 03 Sep 2019 23:40

Tgt Ion: 75 Resp: 20151
 Ion Ratio Lower Upper
 75 100
 110 10.5 15.6 46.8#
 77 0.2 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 7.277 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A1-(0)

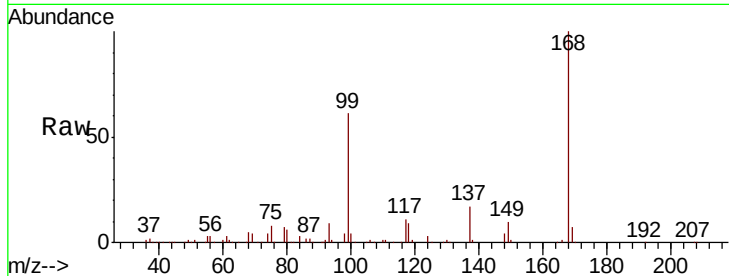
Tgt Ion:117 Resp: 24992

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

121 0.0 23.8 35.8#

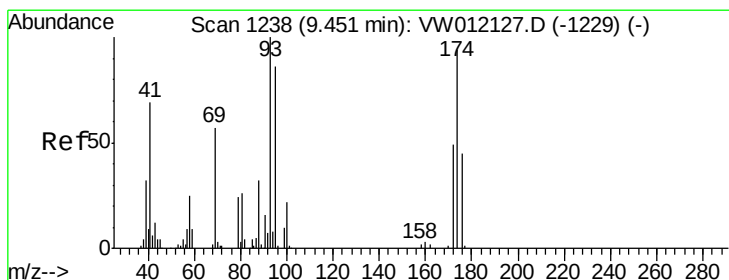
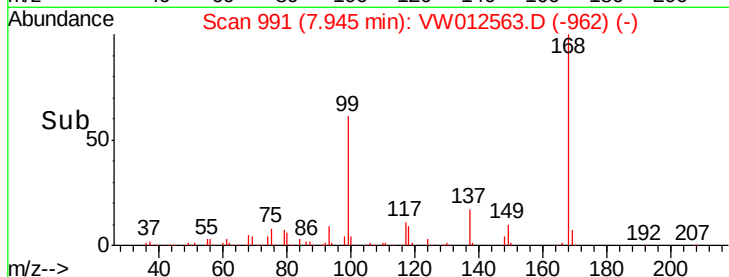
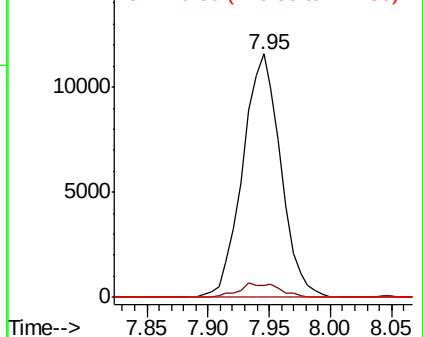


Abundance

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: 5.387 ug/l

RT: 9.42 min Scan# 1233

Delta R.T. -0.03 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

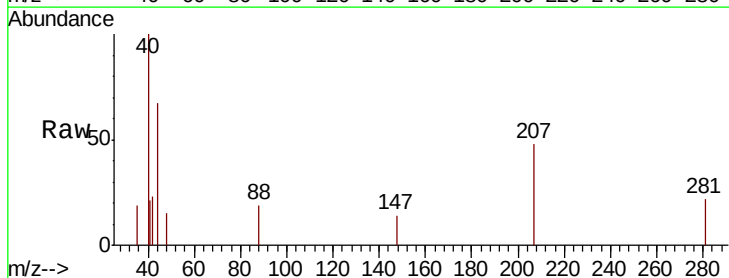
Tgt Ion: 88 Resp: 107

Ion Ratio Lower Upper

88 100

43 180.4 32.9 49.3#

58 0.0 71.0 106.4#

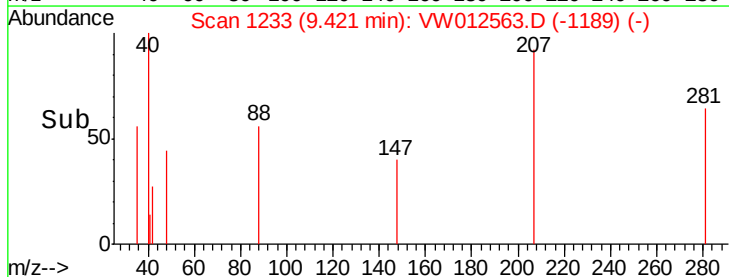
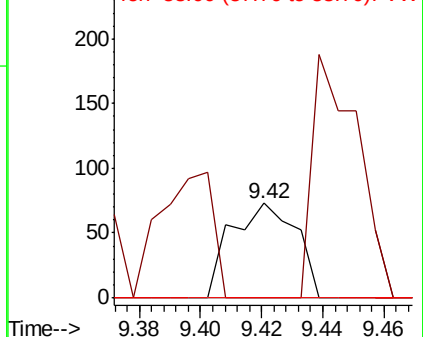


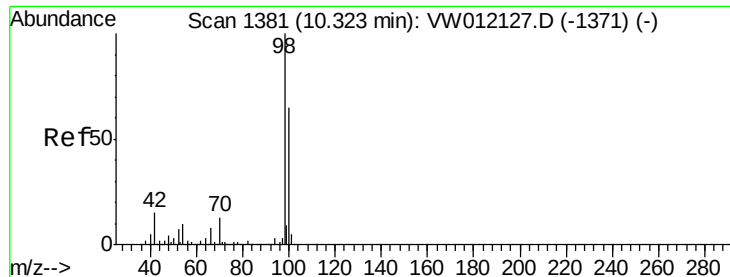
Abundance

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

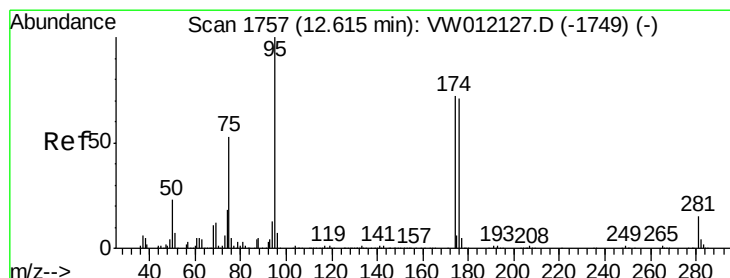
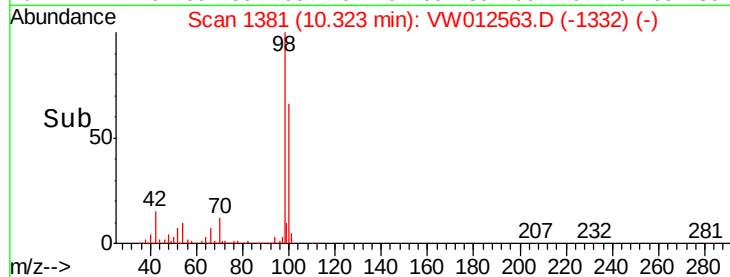
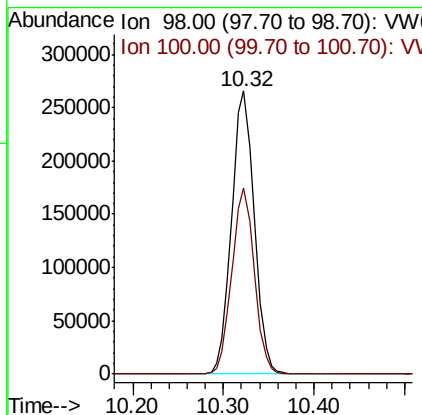
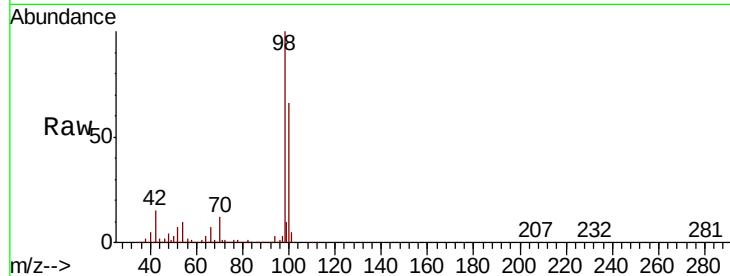




#50
Toluene-d8
Concen: 49.659 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

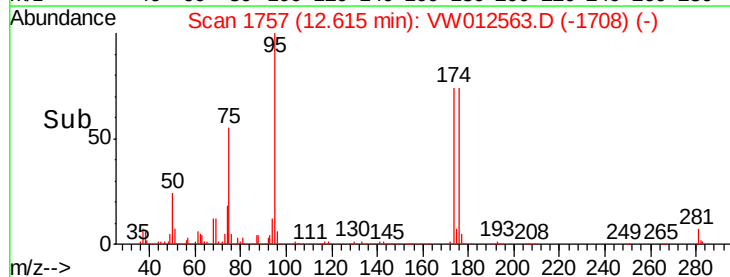
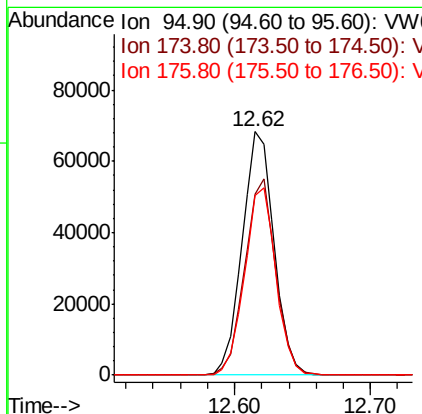
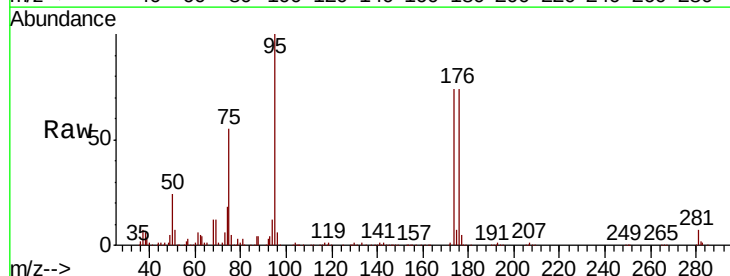
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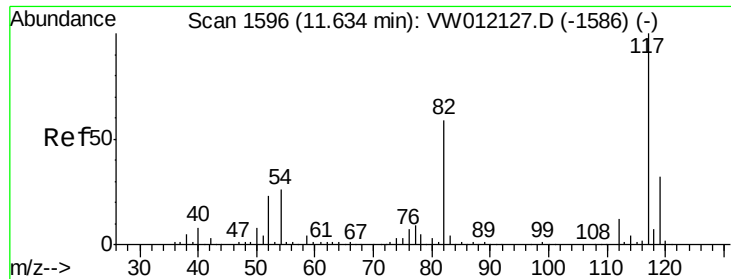
Tgt Ion: 98 Resp: 461477
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 34.082 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

Tgt Ion: 95 Resp: 111642
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.8
176 76.0 0.0 148.6

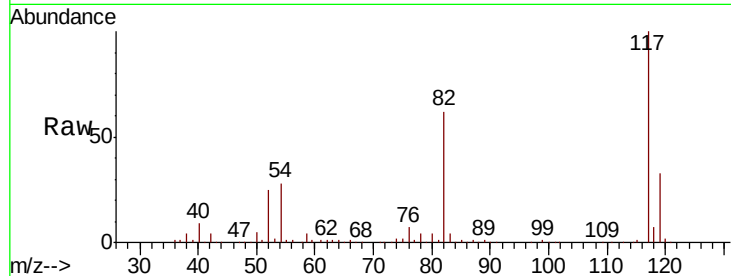




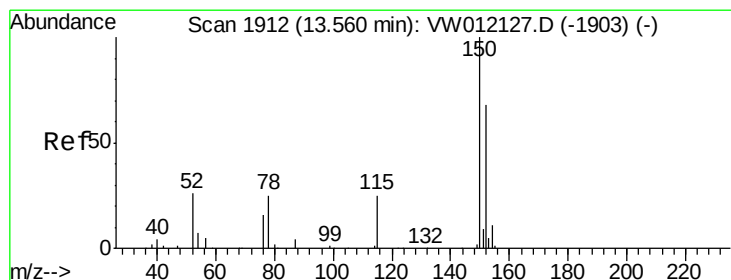
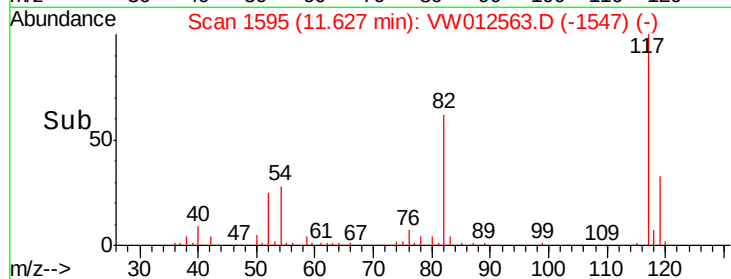
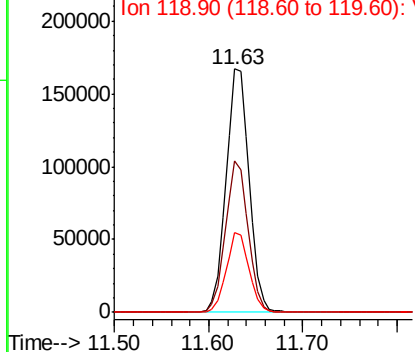
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion:117 Resp: 283465
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.9 25.4 38.2

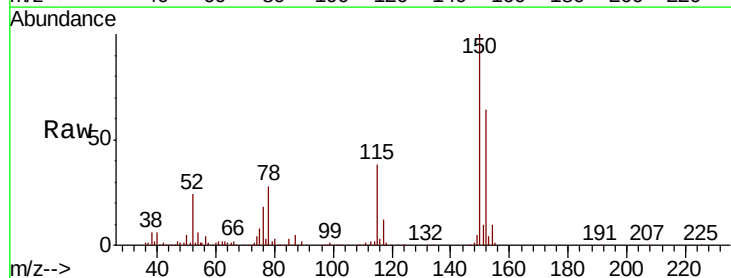


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

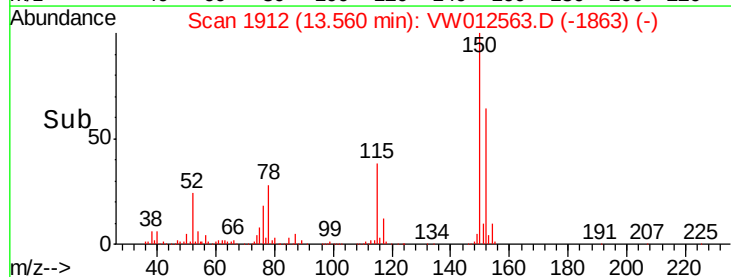
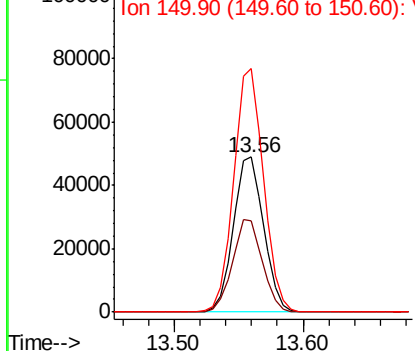


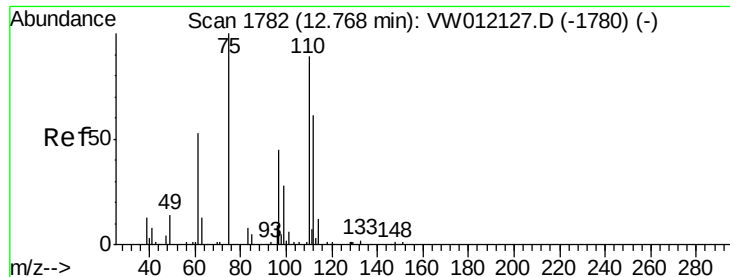
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012563.D
Acq: 03 Sep 2019 23:40

Tgt Ion:152 Resp: 79869
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.3
150 155.1 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

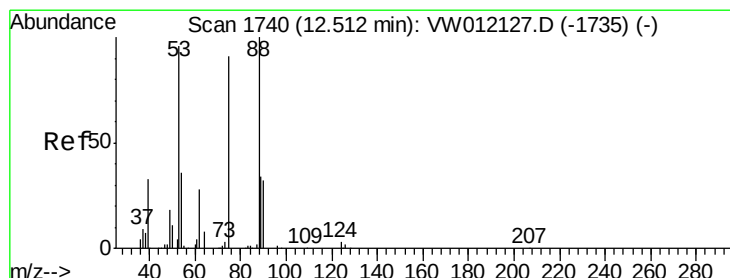
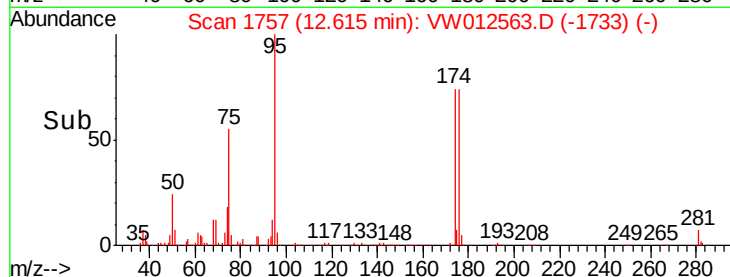
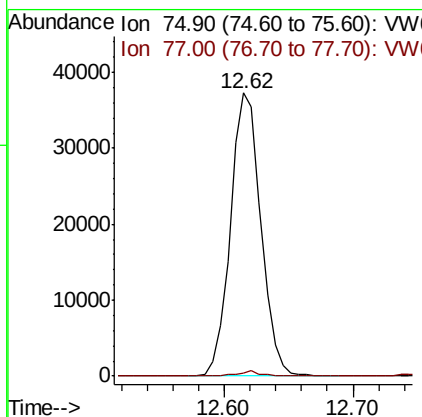
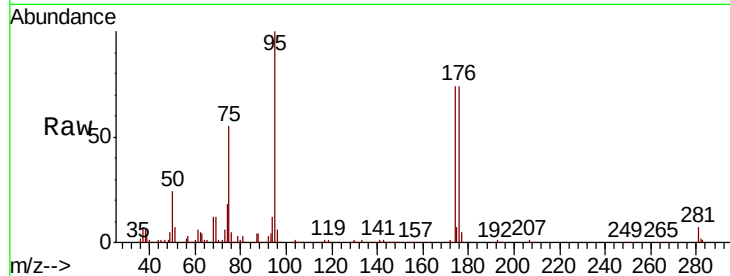




#76
 1,2,3-Trichloropropane
 Concen: 78.728 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012563.D
 Acq: 03 Sep 2019 23:40

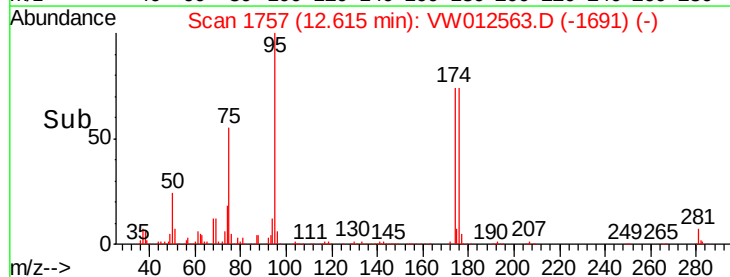
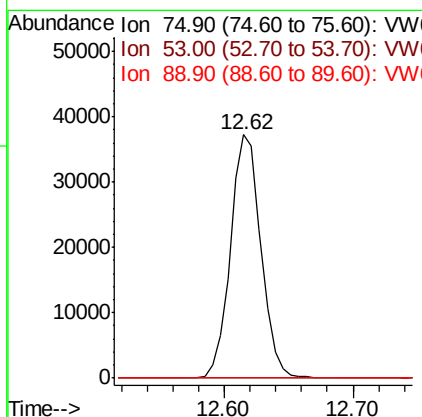
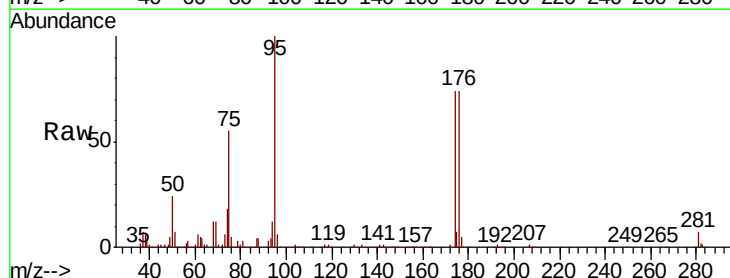
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A1-(0)

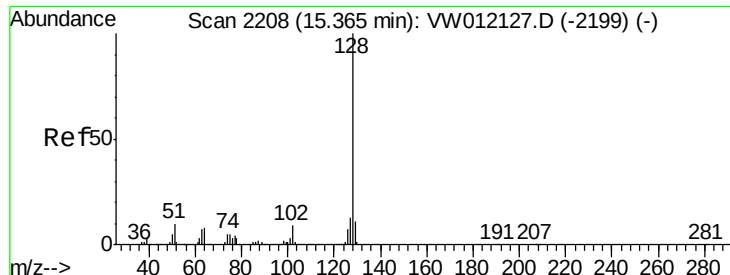
Tgt Ion: 75 Resp: 61240
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.614 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012563.D
 Acq: 03 Sep 2019 23:40

Tgt Ion: 75 Resp: 61240
 Ion Ratio Lower Upper
 75 100
 53 0.1 89.4 134.0#
 89 0.1 34.5 51.7#





#95

Naphthalene

Concen: 4.731 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012563.D

Acq: 03 Sep 2019 23:40

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A1-(0)

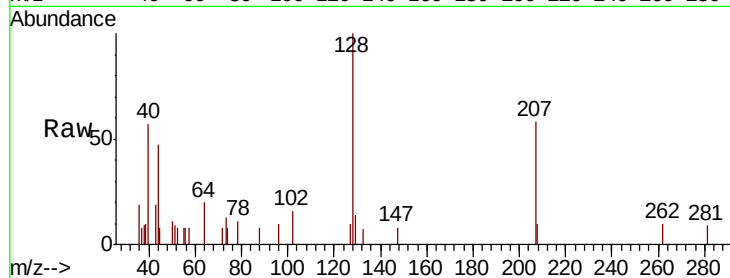
Tgt Ion:128 Resp: 1352

Ion Ratio Lower Upper

128 100

127 6.9 10.7 16.1#

129 13.4 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

