

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010714.D
 Acq On : 06 Jun 2019 17:12
 Operator : SY/VA
 Sample : K3218-07RE
 Misc : 10.01G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1873

Quant Time: Jun 07 07:39:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138627	59.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.04%	
35) Dibromofluoromethane	7.88	113	97379	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.32	98	444789	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
62) 4-Bromofluorobenzene	12.62	95	153842	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

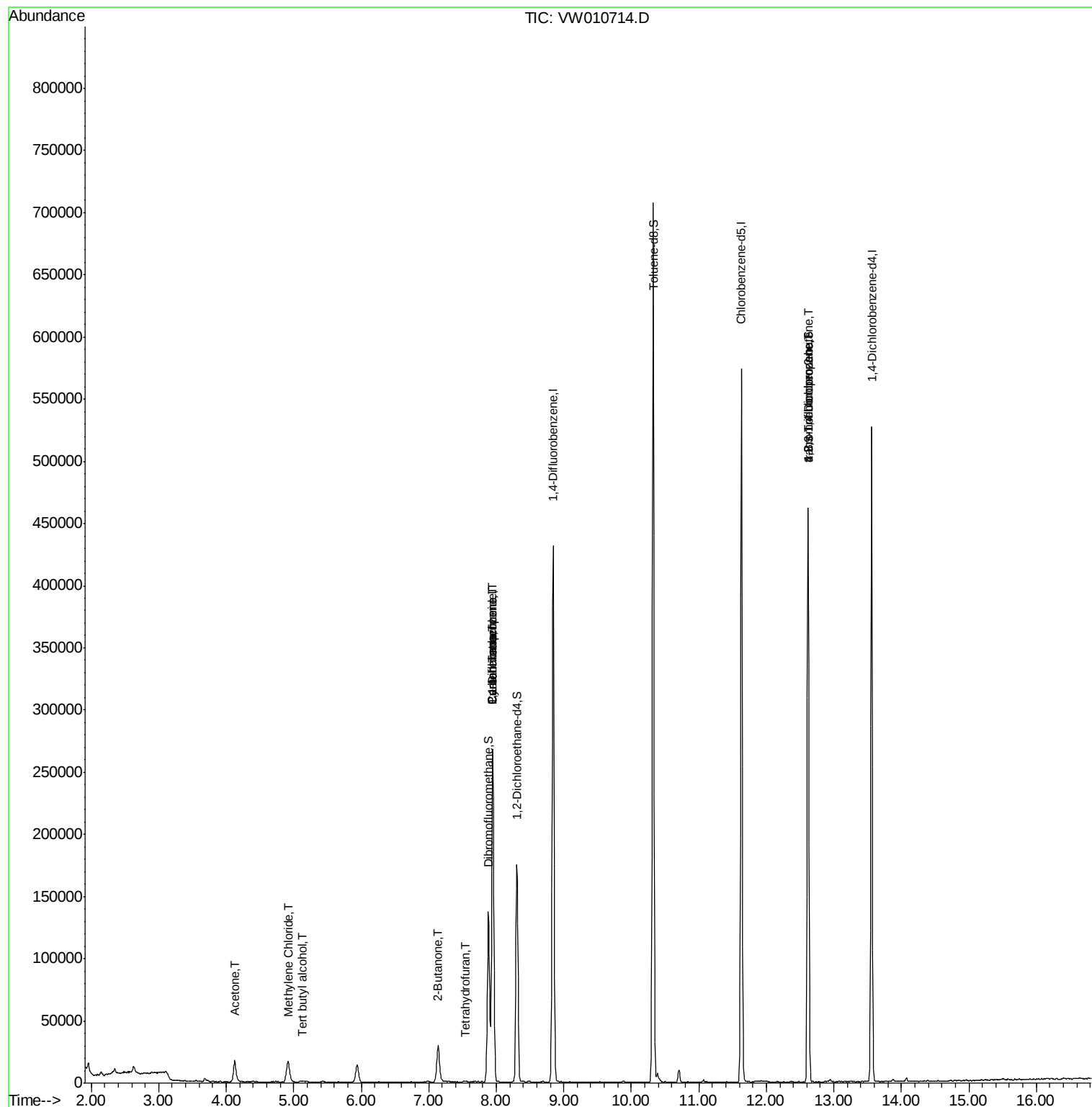
					Qvalue	
11) Tert butyl alcohol	5.13	59	462	2.435	ug/l #	72
16) Acetone	4.12	43	30894	49.502	ug/l	100
20) Methylene Chloride	4.92	84	11546	5.274	ug/l #	92
25) 2-Butanone	7.14	43	2396	2.769	ug/l #	73
29) Tetrahydrofuran	7.54	42	638	1.172	ug/l #	72
31) Cyclohexane	7.95	56	5385	1.146	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17018	4.912	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19920	6.661	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	82433	62.971	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82433	144.727	ug/l #	5

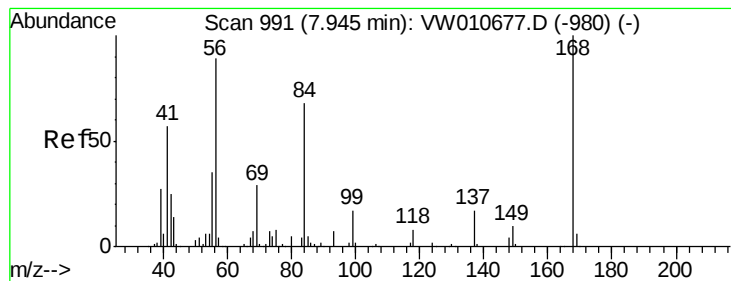
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW060619\
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Quant Time: Jun 07 07:39:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 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: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

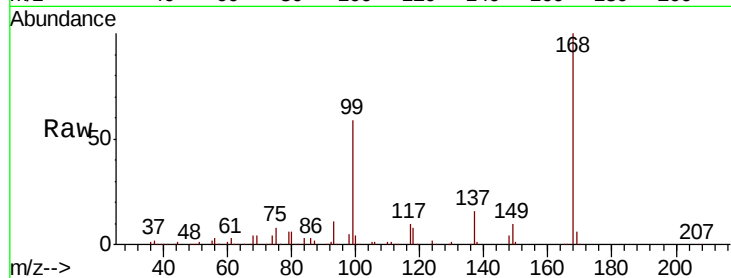
RT-1873

Tot Ion:168 Resp: 197610

Ion Ratio Lower Upper

168 100

99 58.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

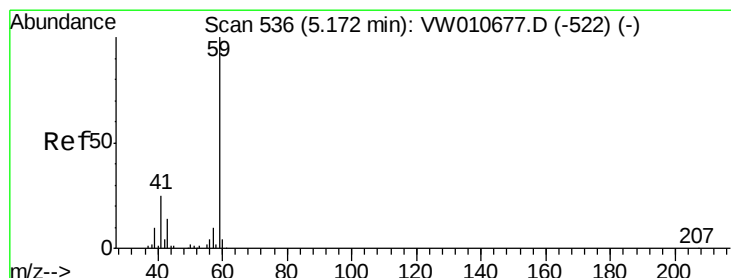
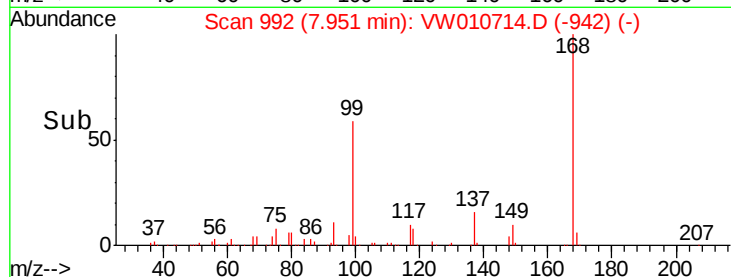
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.435 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.04 min

Lab File: VW010714.D

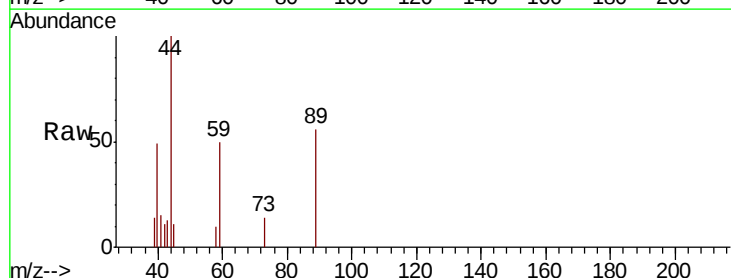
Acq: 06 Jun 2019 17:12

Tgt Ion: 59 Resp: 462

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

300

250

200

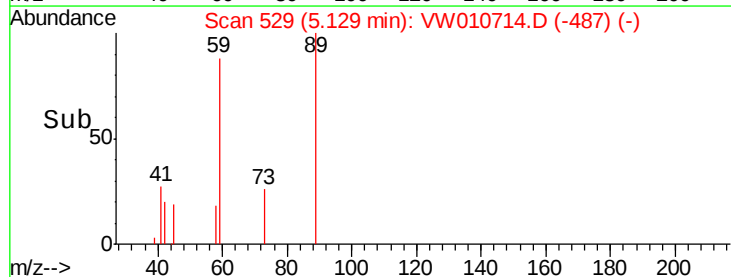
150

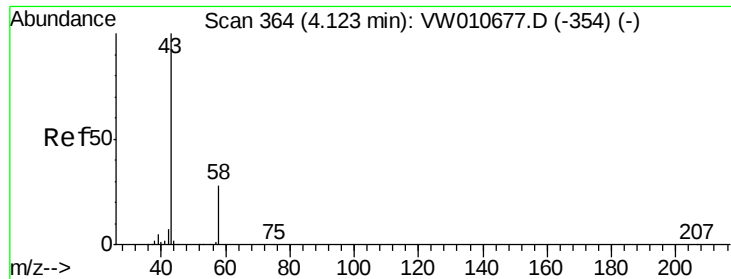
100

50

0

Time--> 5.08 5.10 5.12 5.14





#16

Acetone

Concen: 49.502 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

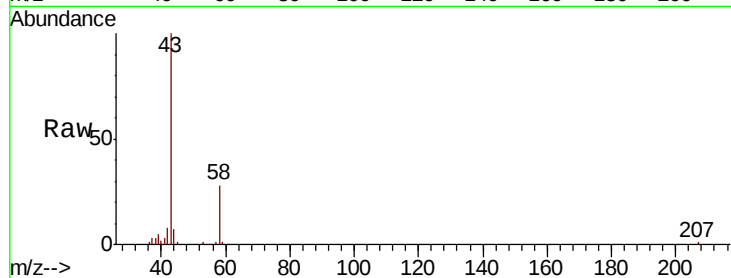
RT-1873

Tot Ion: 43 Resp: 30894

Ion Ratio Lower Upper

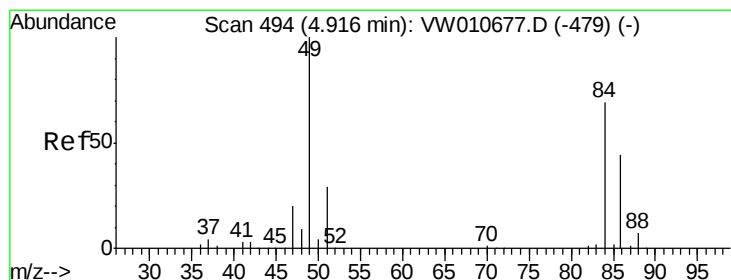
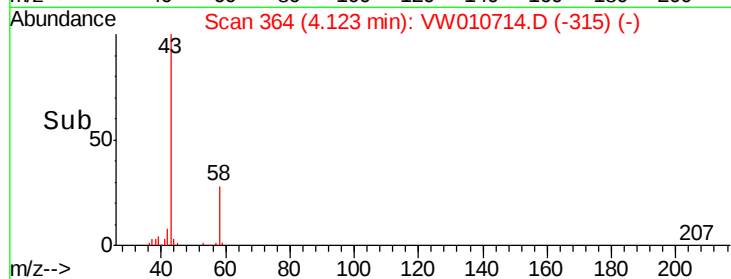
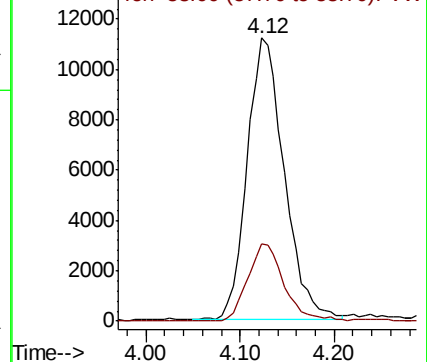
43 100

58 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 5.274 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Tgt Ion: 84 Resp: 11546

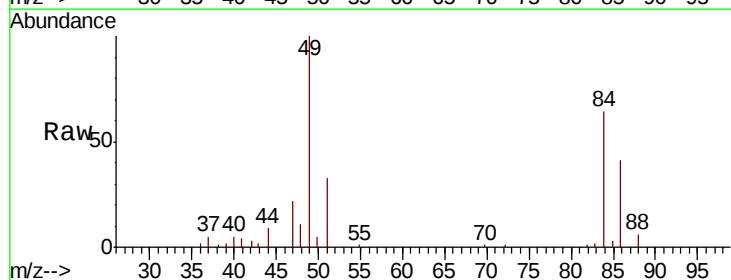
Ion Ratio Lower Upper

84 100

49 157.2 116.7 175.1

51 52.0 34.2 51.2#

86 64.0 51.2 76.8

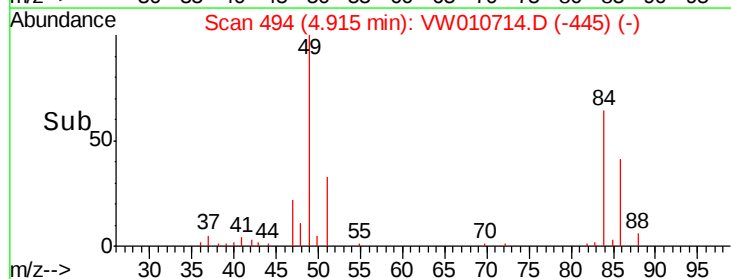
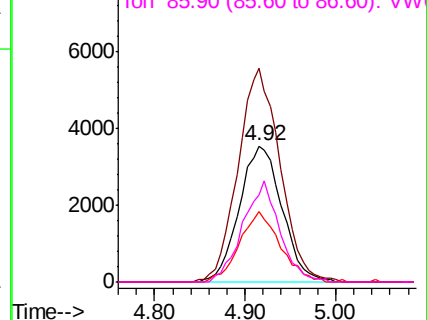


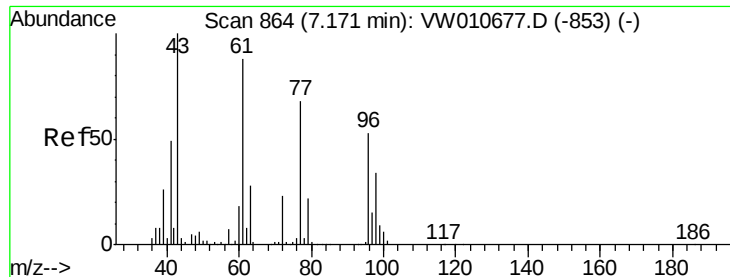
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 2.769 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

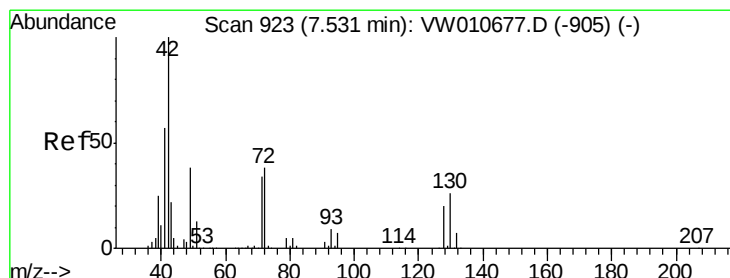
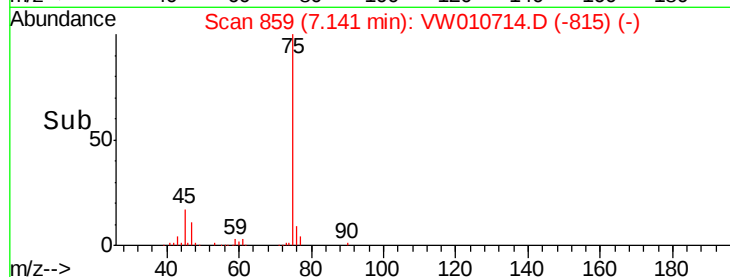
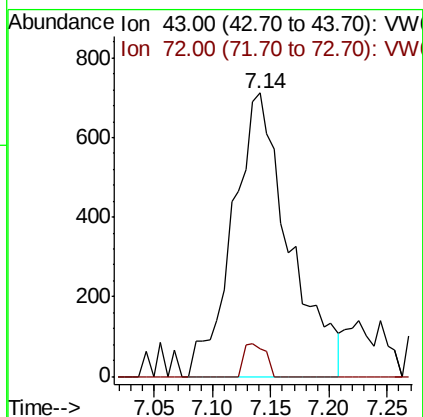
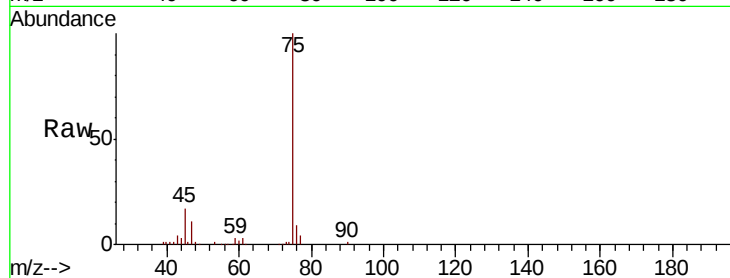
RT-1873

Tot Ion: 43 Resp: 2396

Ion Ratio Lower Upper

43 100

72 9.8 18.1 27.1#



#29

Tetrahydrofuran

Concen: 1.172 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

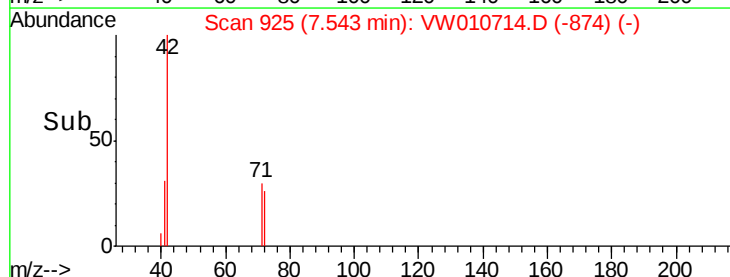
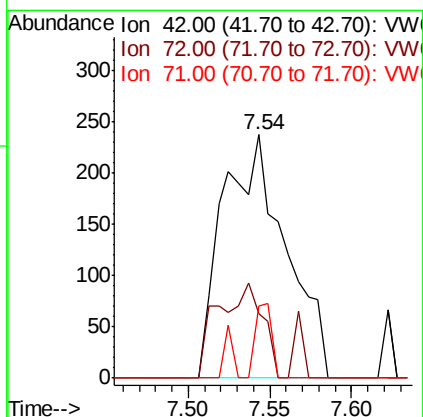
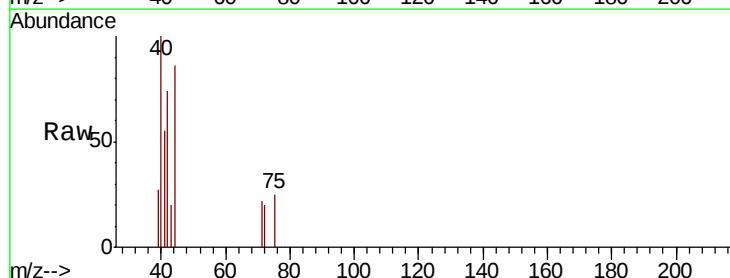
Tgt Ion: 42 Resp: 638

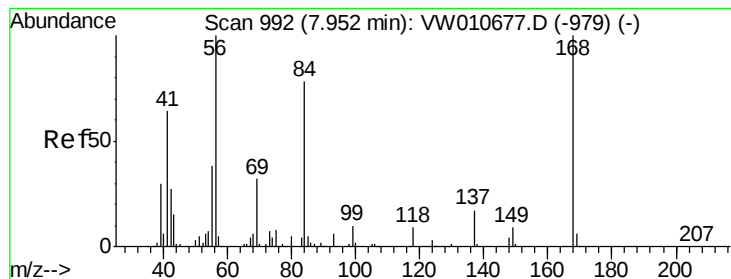
Ion Ratio Lower Upper

42 100

72 27.9 28.7 43.1#

71 8.3 26.6 39.8#





#31

Cyclohexane

Concen: 1.146 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

RT-1873

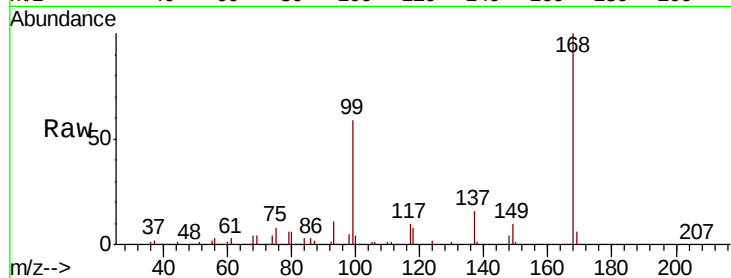
Tot Ion: 56 Resp: 5385

Ion Ratio Lower Upper

56 100

69 151.6 25.2 37.8#

84 123.0 62.2 93.2#

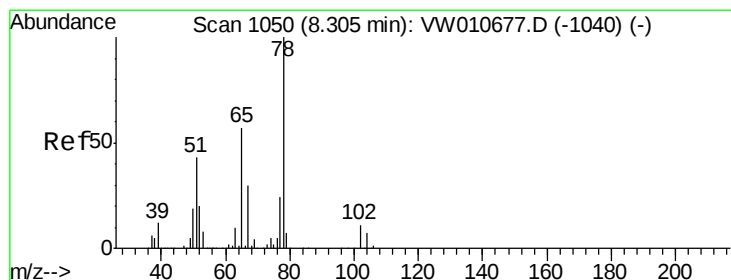
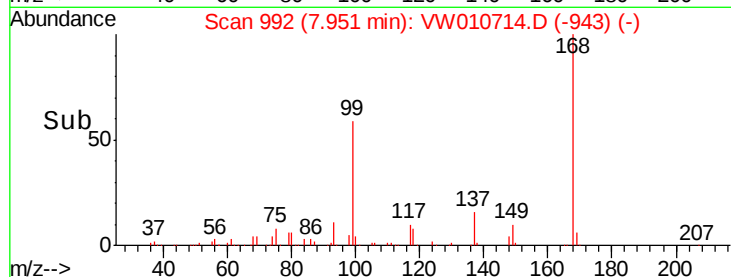
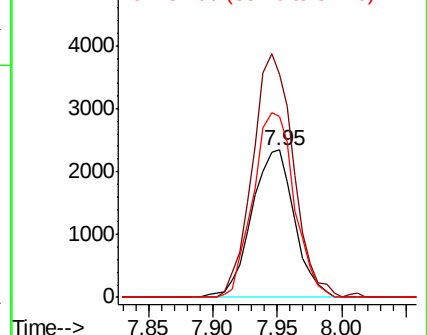


Abundance

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: 59.518 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010714.D

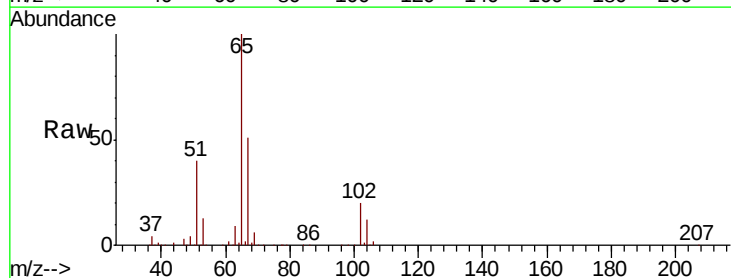
Acq: 06 Jun 2019 17:12

Tgt Ion: 65 Resp: 138627

Ion Ratio Lower Upper

65 100

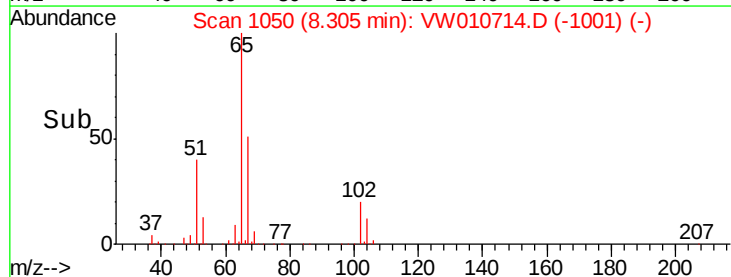
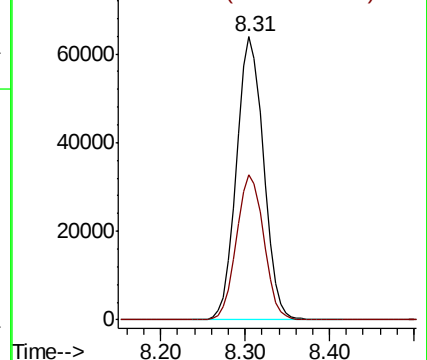
67 51.7 0.0 102.6

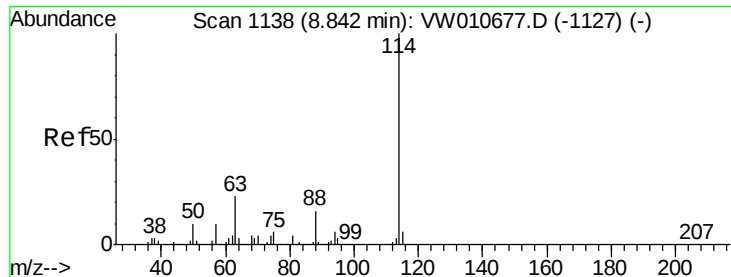


Abundance

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: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

RT-1873

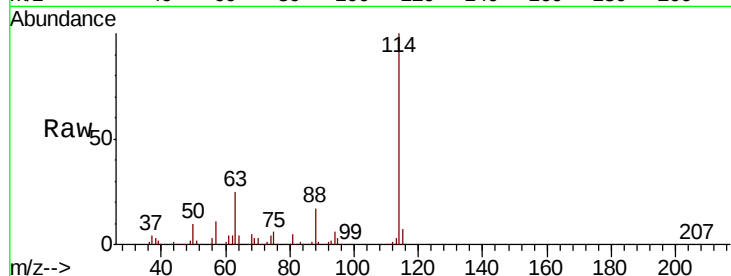
Tot Ion:114 Resp: 338436

Ion Ratio Lower Upper

114 100

63 25.3 0.0 46.4

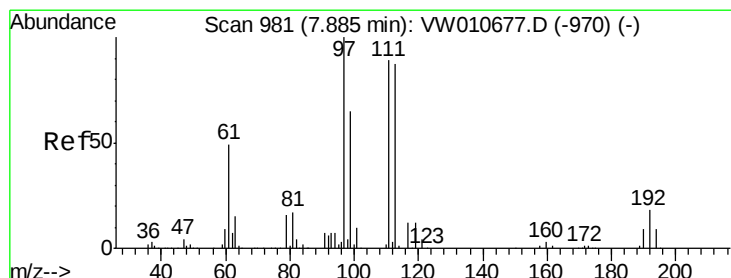
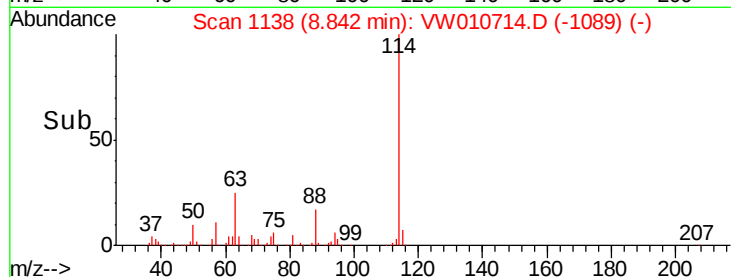
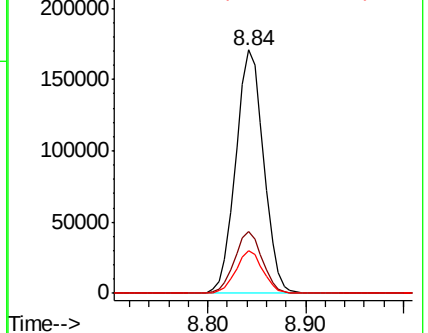
88 17.4 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 53.011 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

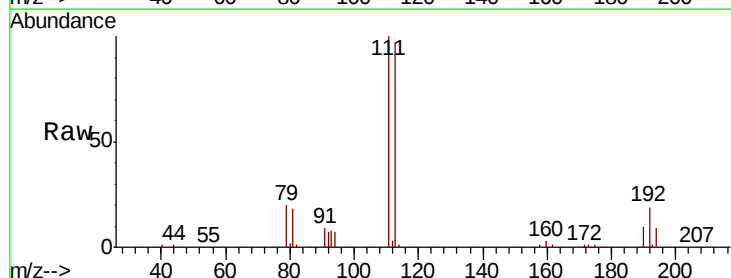
Tgt Ion:113 Resp: 97379

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

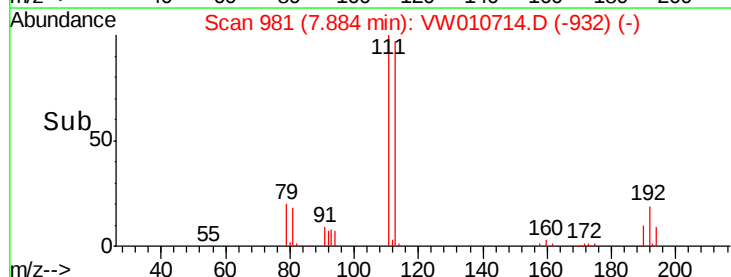
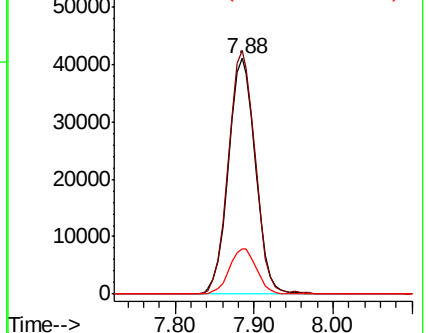
192 19.6 16.4 24.6

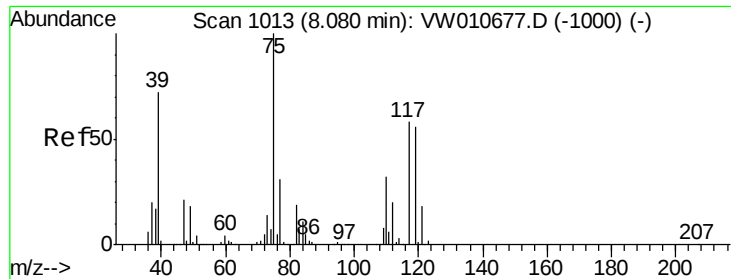


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

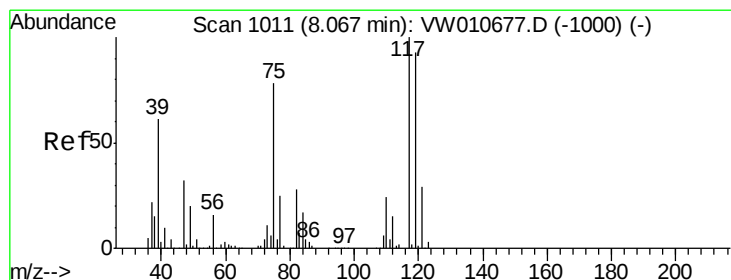
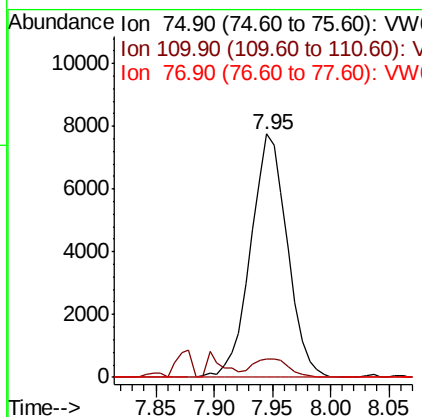
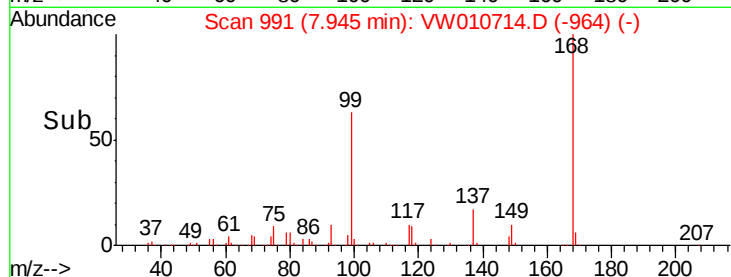
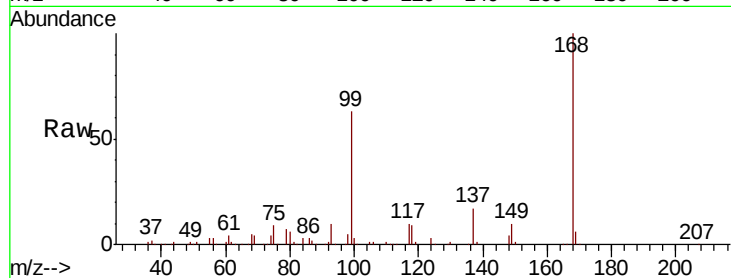




#36
 1,1-Dichloropropene
 Concen: 4.912 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010714.D
 Acq: 06 Jun 2019 17:12

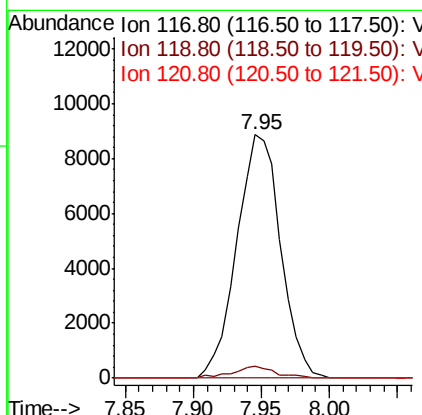
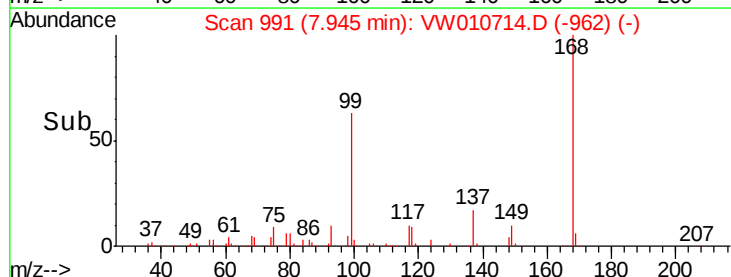
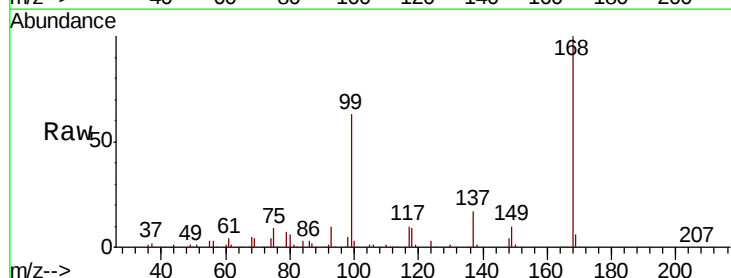
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1873

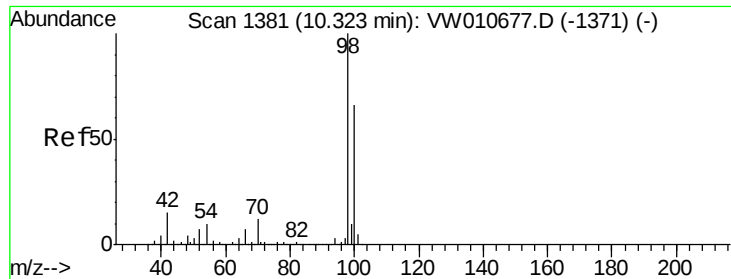
Tot Ion: 75 Resp: 17018
 Ion Ratio Lower Upper
 75 100
 110 7.7 15.8 47.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.661 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010714.D
 Acq: 06 Jun 2019 17:12

Tgt Ion: 117 Resp: 19920
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.2 111.4#
 121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 55.217 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

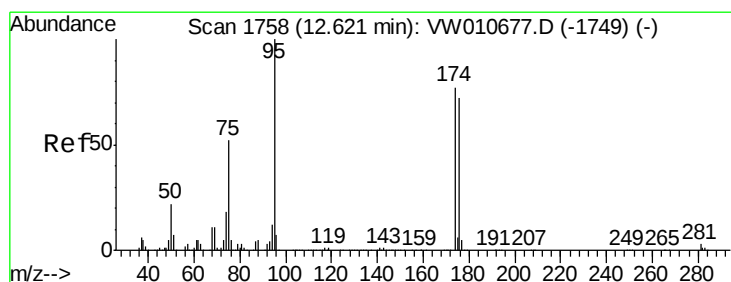
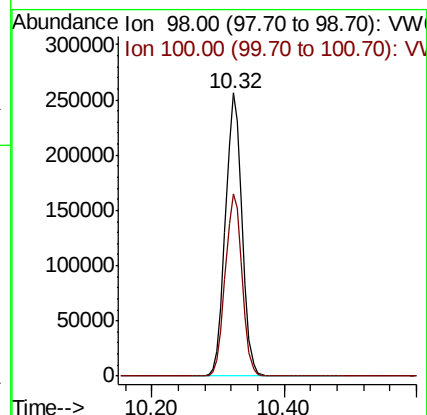
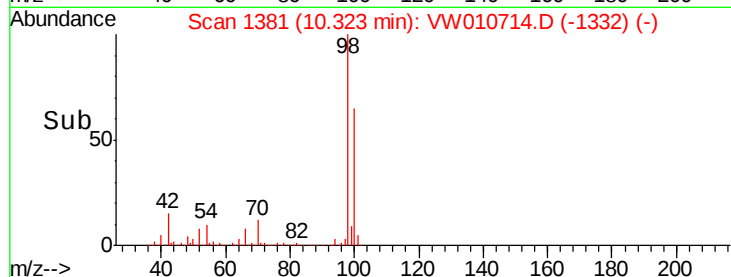
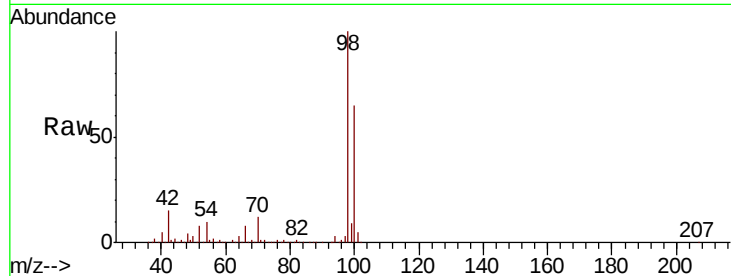
RT-1873

Tot Ion: 98 Resp: 444789

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 52.484 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

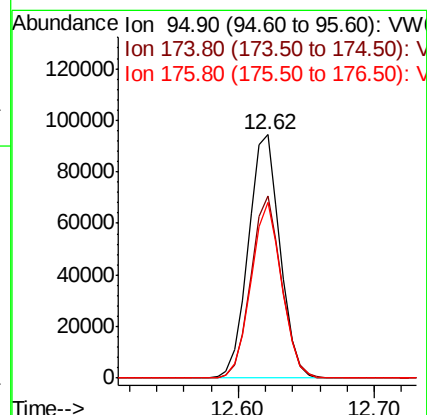
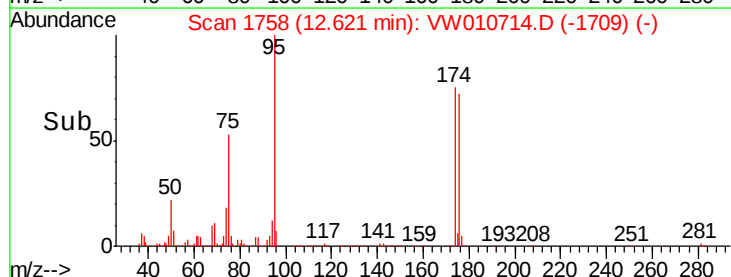
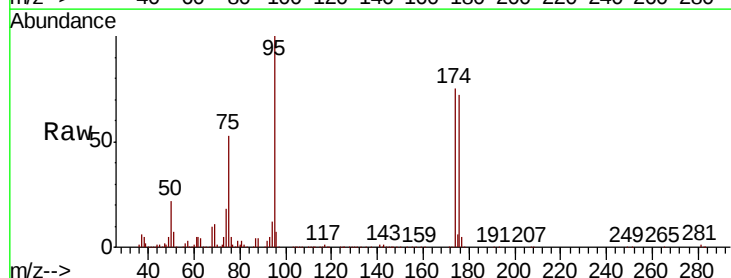
Tgt Ion: 95 Resp: 153842

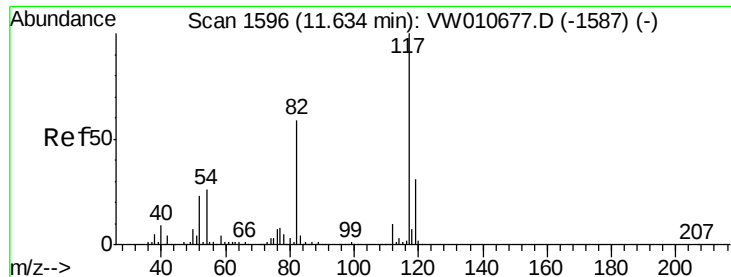
Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.4

176 70.2 0.0 144.8

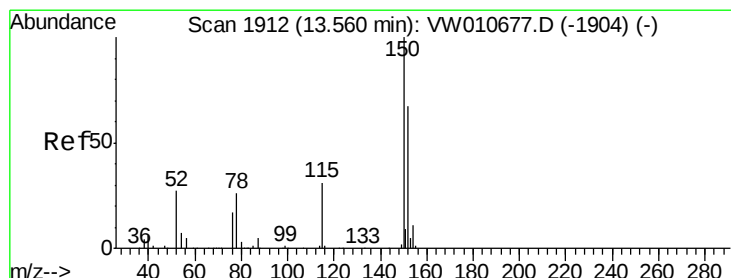
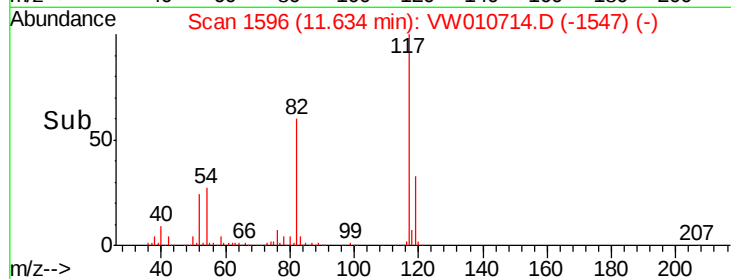
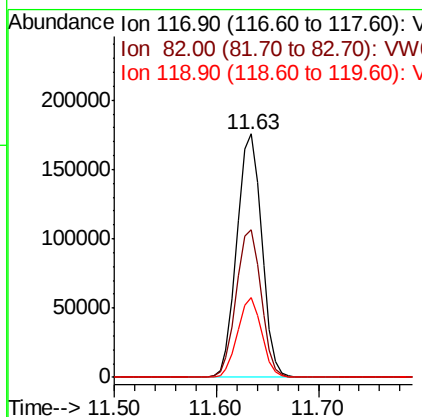
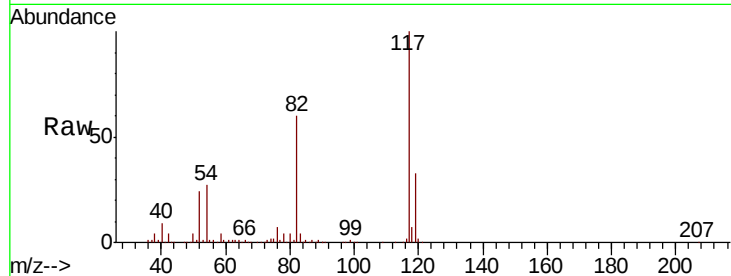




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010714.D
Acq: 06 Jun 2019 17:12

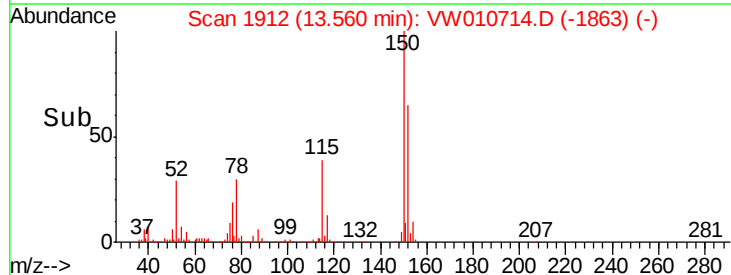
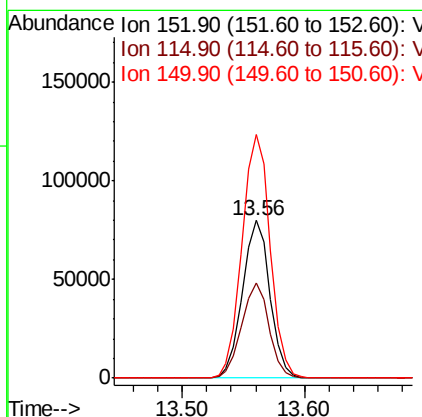
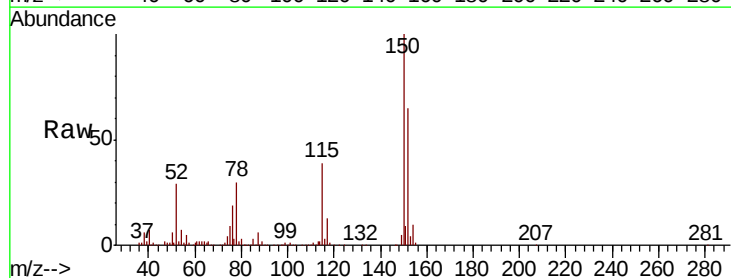
Instrument :
MSVOA_W
ClientSampleId :
RT-1873

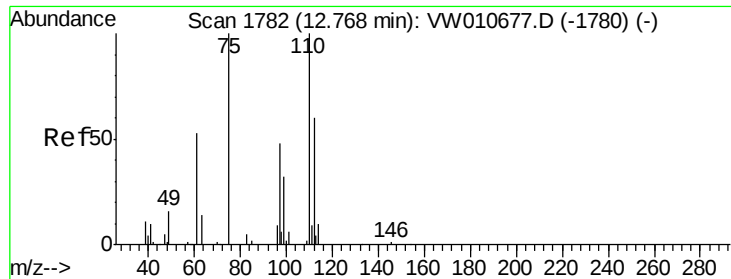
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.0	70.4
119	32.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010714.D
Acq: 06 Jun 2019 17:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.8	89.3
150	157.6	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 62.971 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Instrument :

MSVOA_W

ClientSampled :

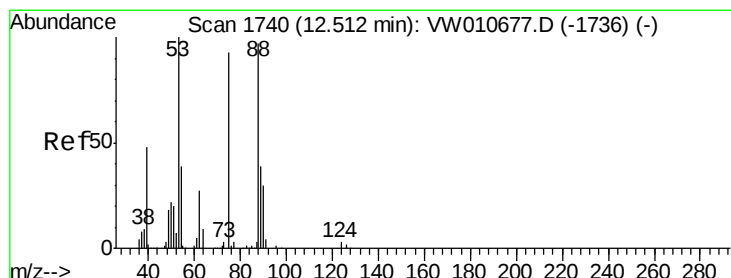
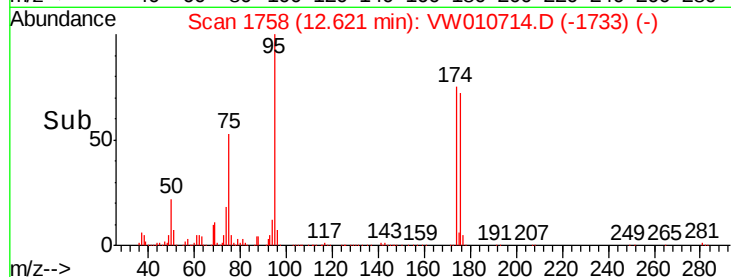
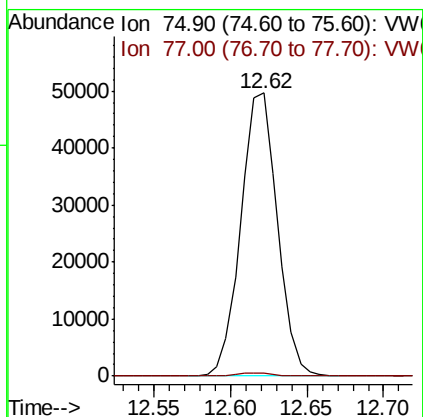
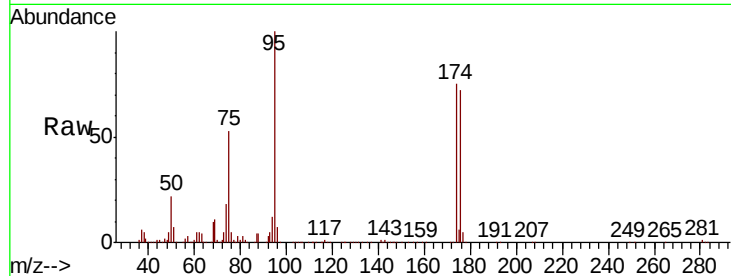
RT-1873

Tot Ion: 75 Resp: 82433

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 144.727 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010714.D

Acq: 06 Jun 2019 17:12

Tgt Ion: 75 Resp: 82433

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

