

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
 Data File : VW012605.D
 Acq On : 04 Sep 2019 21:30
 Operator : SY/VA
 Sample : K4613-06
 Misc : 6.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-D2

Quant Time: Sep 05 07:01:38 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	248421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140665	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	166102	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
35) Dibromofluoromethane	7.88	113	129168	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
50) Toluene-d8	10.32	98	502675	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.61	95	160813	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	

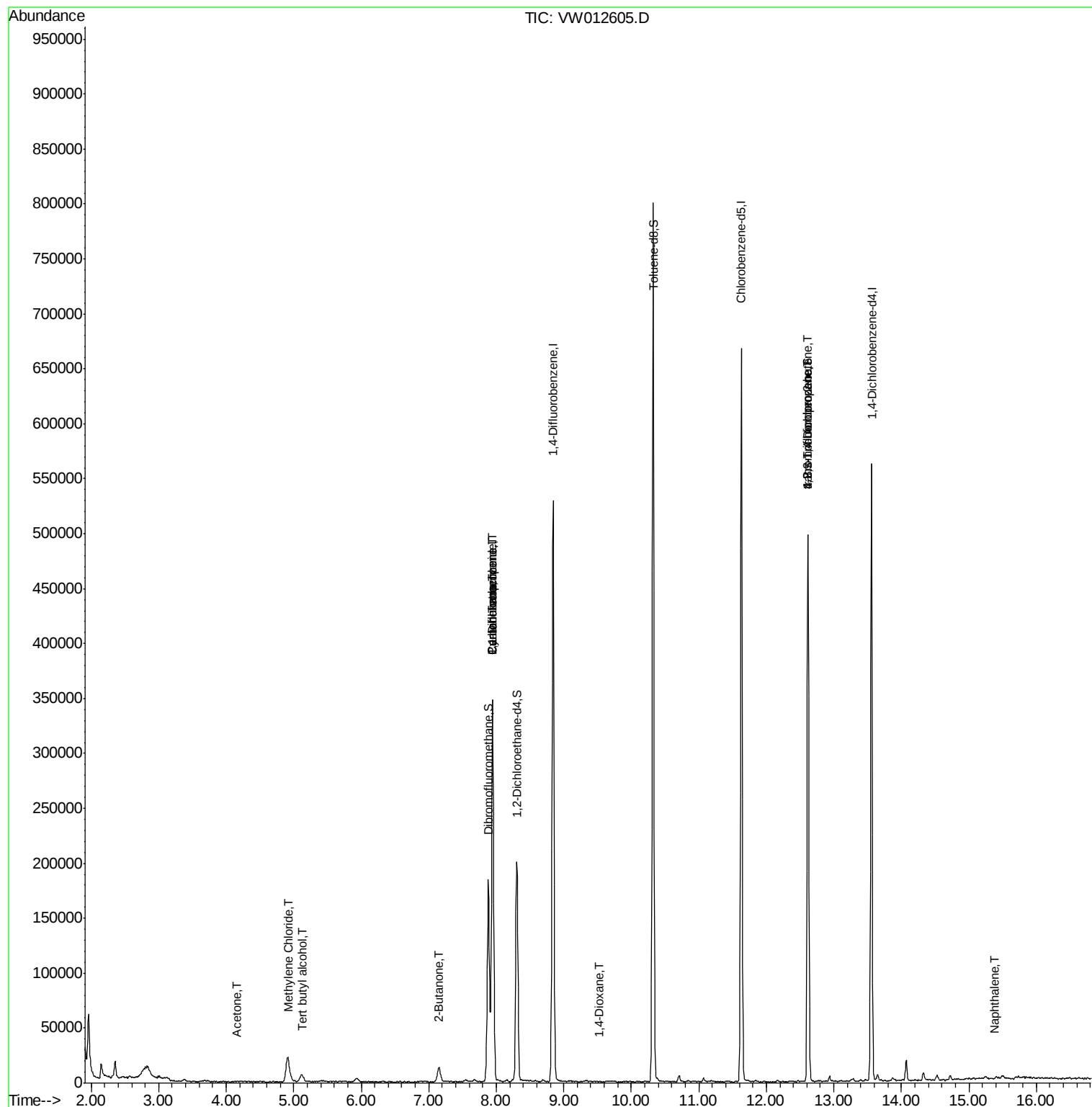
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	6358	35.776	ug/l #	73
16) Acetone	4.15	43	875	1.159	ug/l #	87
20) Methylene Chloride	4.92	84	17035	5.969	ug/l	92
25) 2-Butanone	7.15	43	1254	1.222	ug/l #	56
31) Cyclohexane	7.95	56	6600	1.241	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21151	5.006	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25053	6.851	ug/l #	16
49) 1,4-Dioxane	9.53	88	84	3.972	ug/l #	26
76) 1,2,3-Trichloropropane	12.61	75	88027	64.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	88027	140.880	ug/l #	6
95) Naphthalene	15.37	128	346	4.381	ug/l #	85

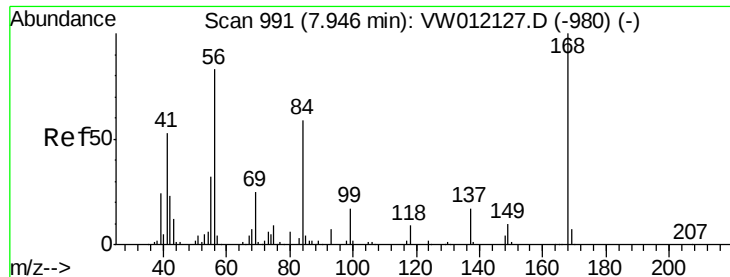
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090419\
Data File : VW012605.D
Acq On : 04 Sep 2019 21:30
Operator : SY/VA
Sample : K4613-06
Misc : 6.57G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

Quant Time: Sep 05 07:01:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012605.D

Acq: 04 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

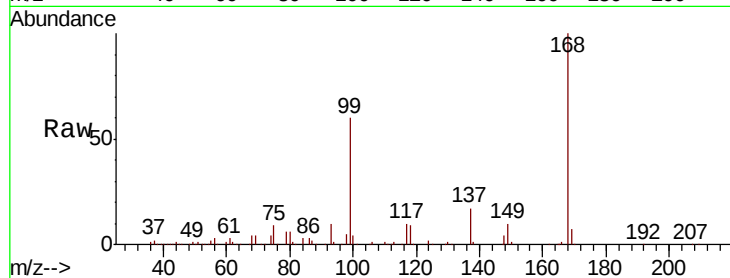
TP-10-D2

Tgt Ion:168 Resp: 248421

Ion Ratio Lower Upper

168 100

99 60.4 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

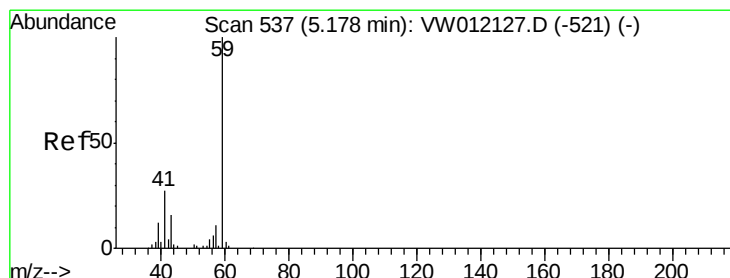
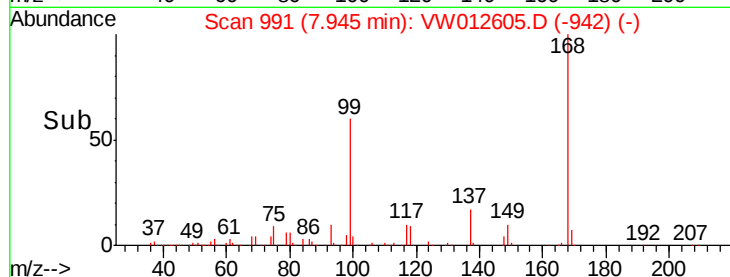
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 35.776 ug/l

RT: 5.12 min Scan# 528

Delta R.T. -0.06 min

Lab File: VW012605.D

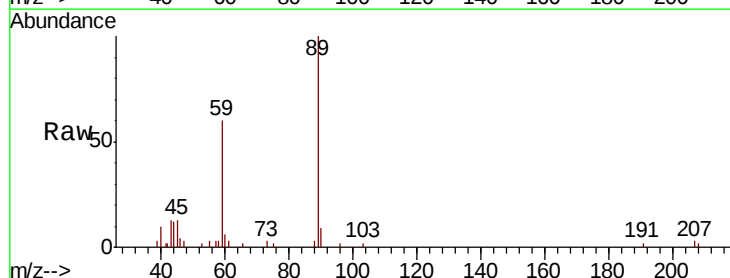
Acq: 04 Sep 2019 21:30

Tgt Ion: 59 Resp: 6358

Ion Ratio Lower Upper

59 100

57 0.7 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

2000

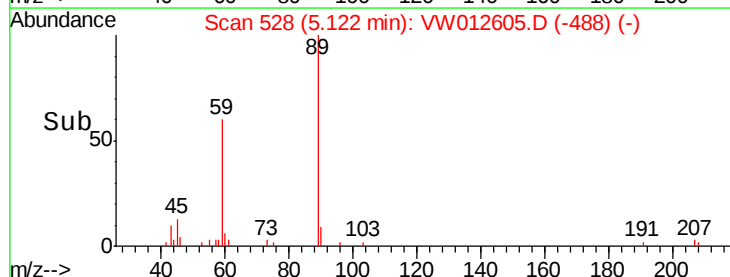
1500

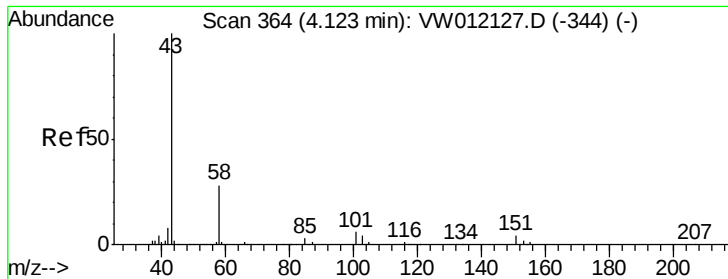
1000

500

0

Time-->





#16

Acetone

Concen: 1.159 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.03 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampled :

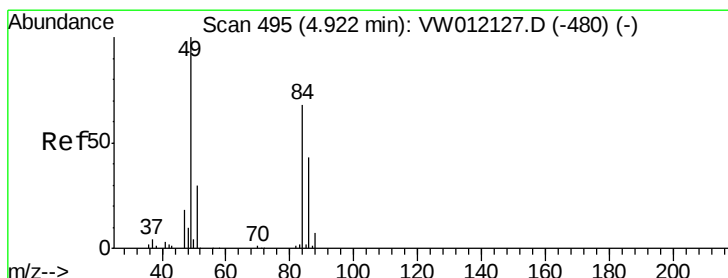
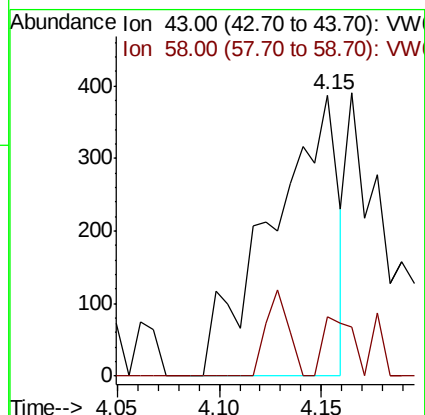
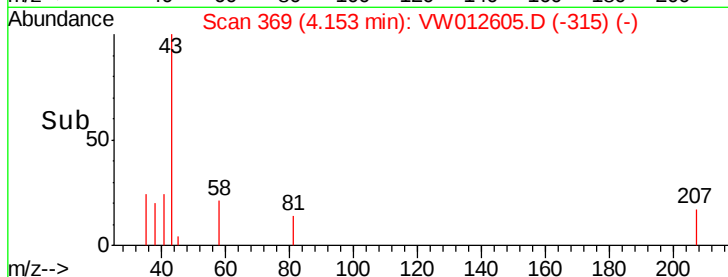
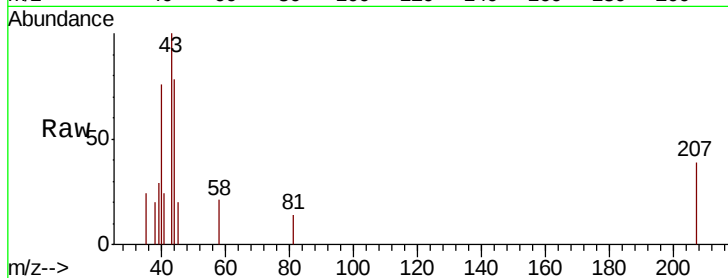
TP-10-D2

Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 20.9 22.4 33.6#



#20

Methylene Chloride

Concen: 5.969 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

Tgt Ion: 84 Resp: 17035

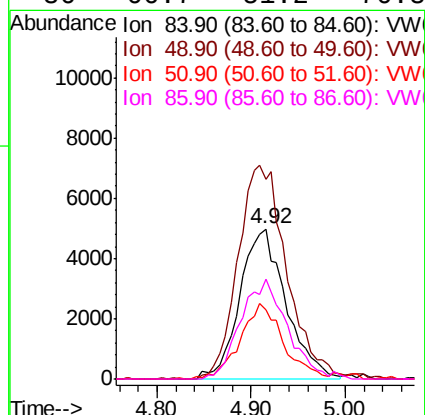
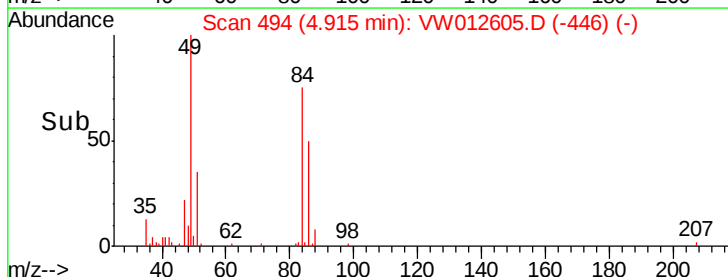
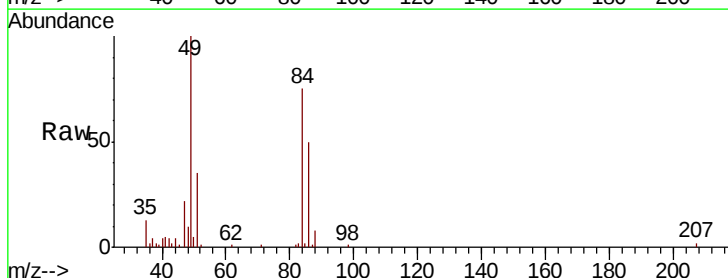
Ion Ratio Lower Upper

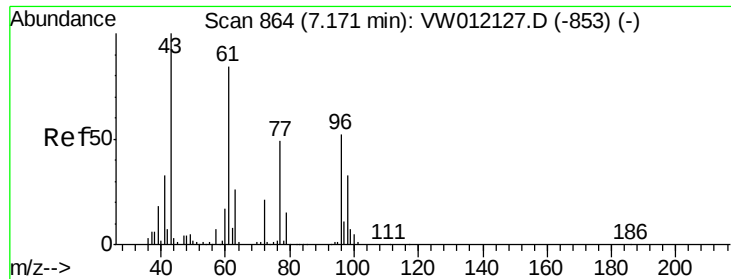
84 100

49 132.9 117.8 176.8

51 46.2 35.6 53.4

86 66.7 51.2 76.8

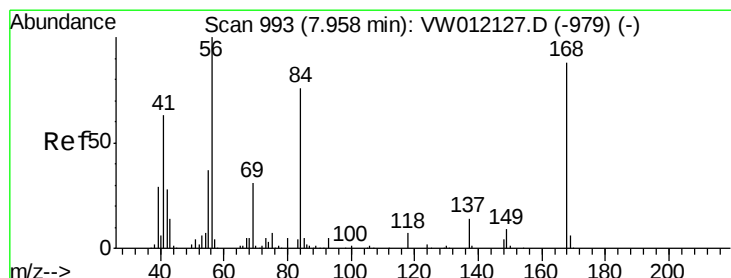
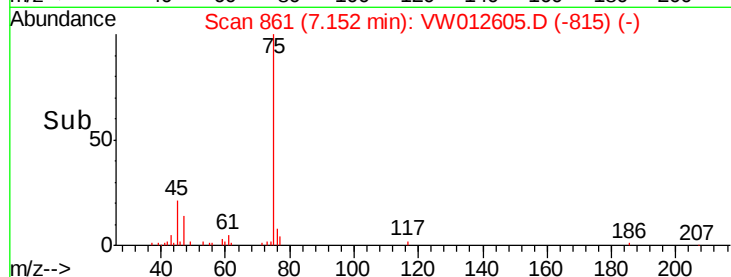
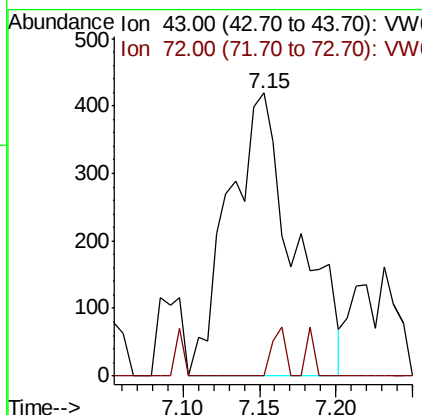
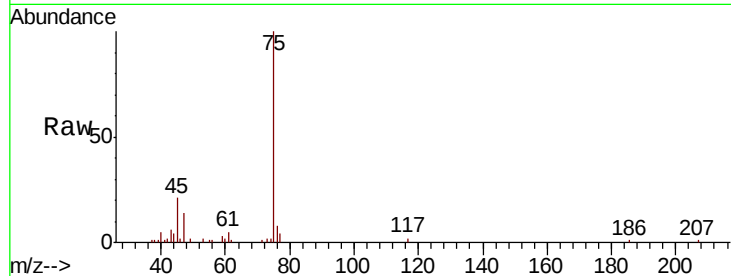




#25
2-Butanone
Concen: 1.222 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

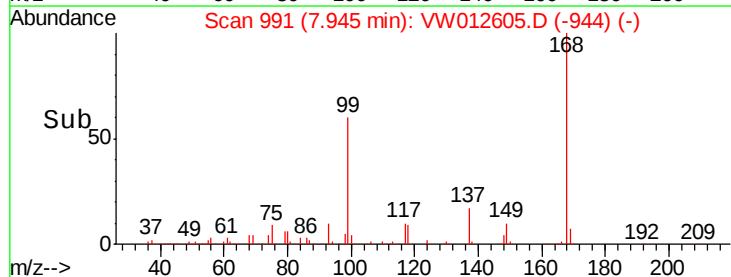
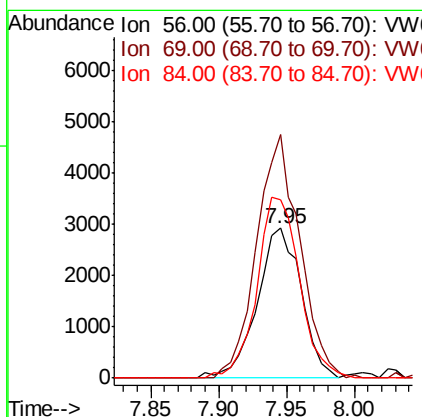
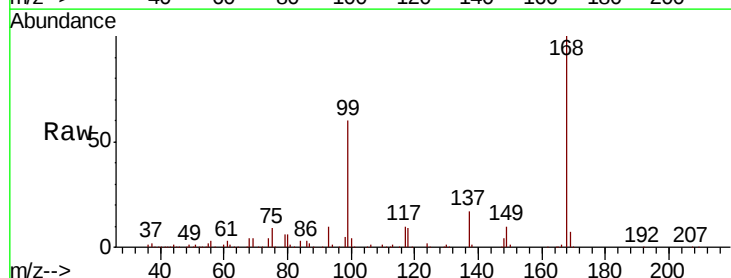
Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

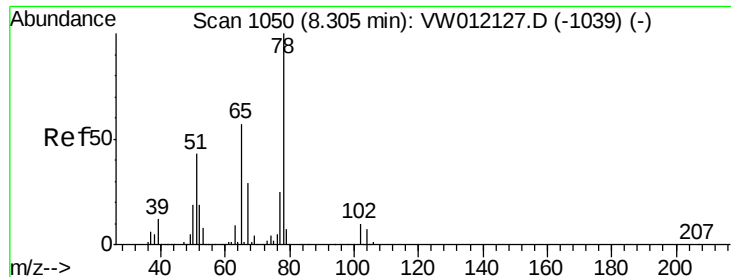
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
72 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

Tgt Ion: 56 Resp: 6600
Ion Ratio Lower Upper
56 100
69 162.2 24.9 37.3#
84 118.8 60.6 90.8#

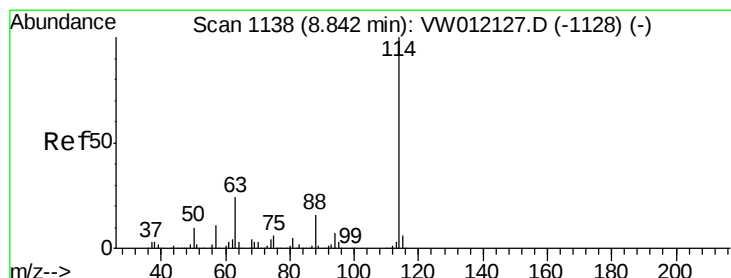
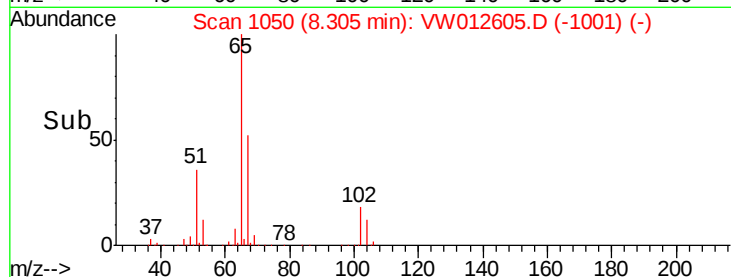
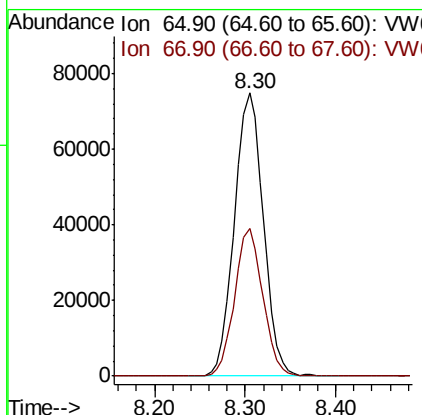
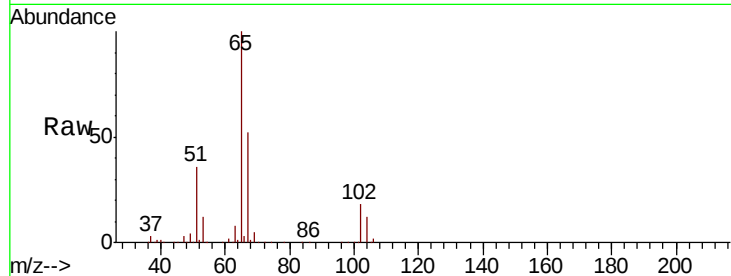




#33
 1,2-Dichloroethane-d4
 Concen: 56.246 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012605.D
 Acq: 04 Sep 2019 21:30

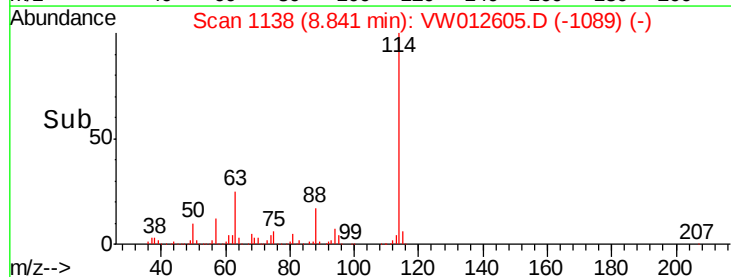
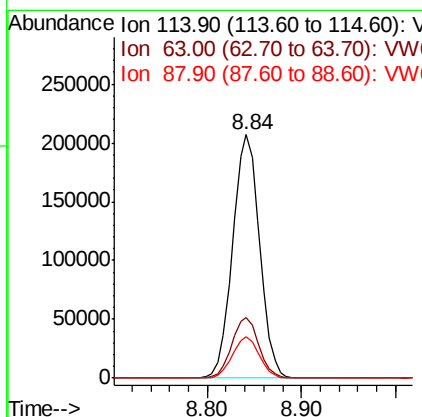
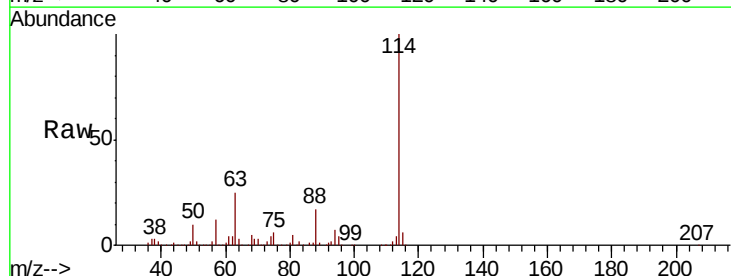
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-D2

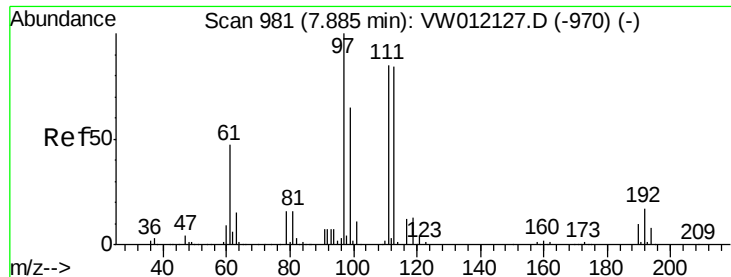
Tgt Ion: 65 Resp: 166102
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012605.D
 Acq: 04 Sep 2019 21:30

Tgt Ion: 114 Resp: 408855
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.6
 88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.928 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampleId :

TP-10-D2

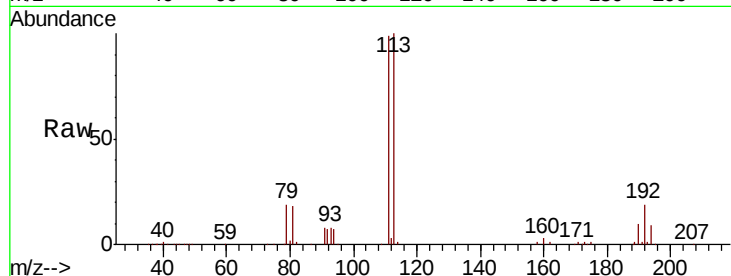
Tgt Ion:113 Resp: 129168

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

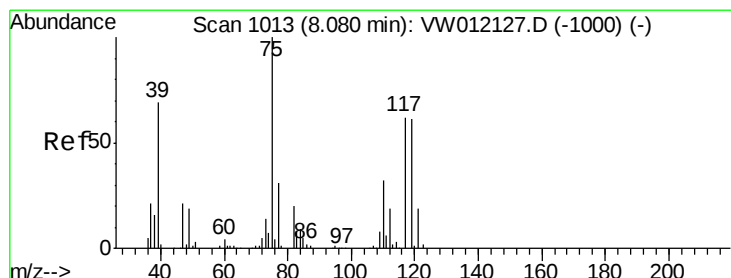
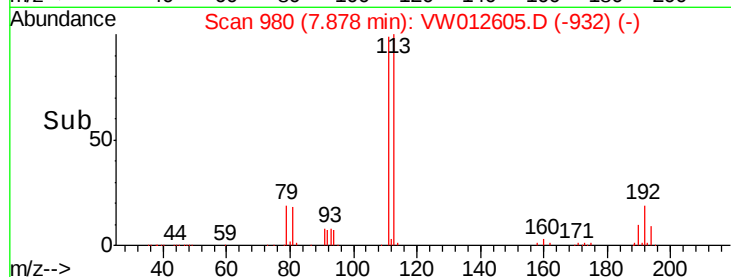
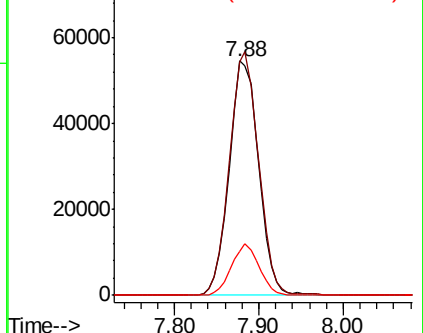
192 20.6 16.2 24.2



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: 5.006 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

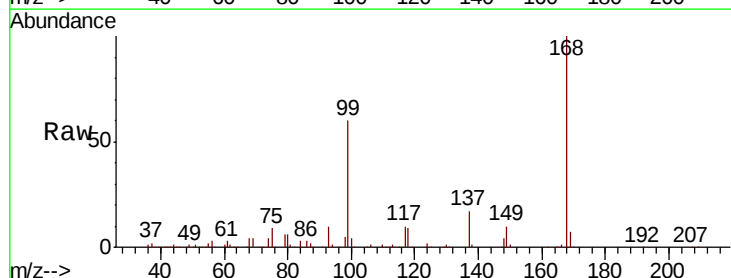
Tgt Ion: 75 Resp: 21151

Ion Ratio Lower Upper

75 100

110 8.3 15.6 46.8#

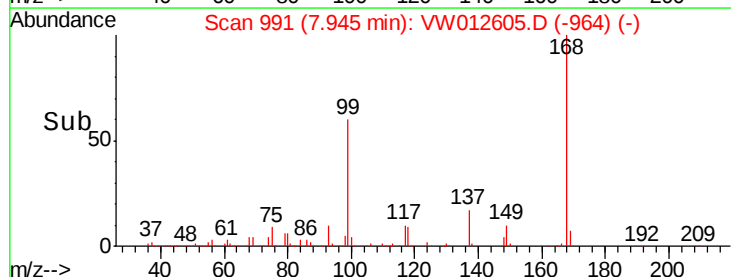
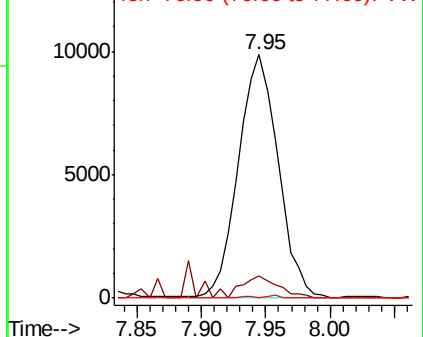
77 0.2 24.6 36.8#

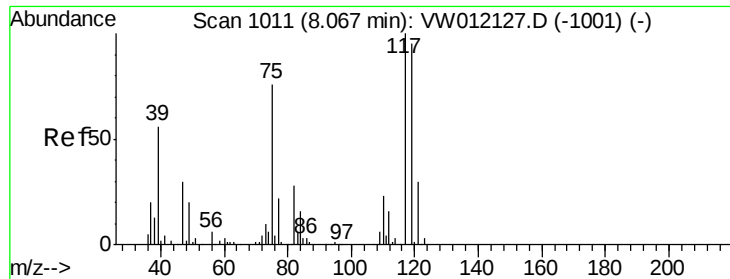


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.851 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampled :

TP-10-D2

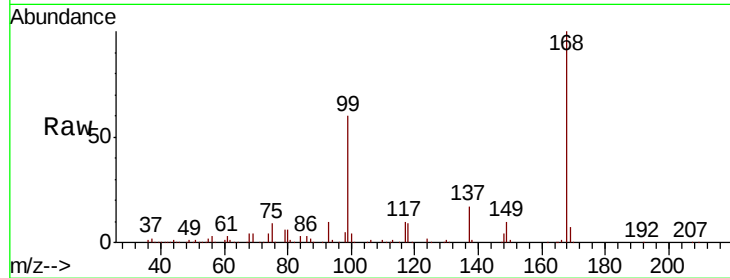
Tgt Ion:117 Resp: 25053

Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.2#

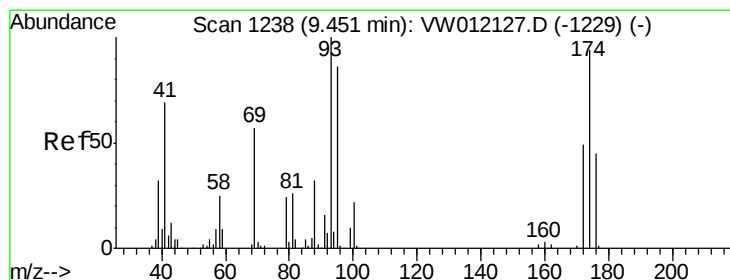
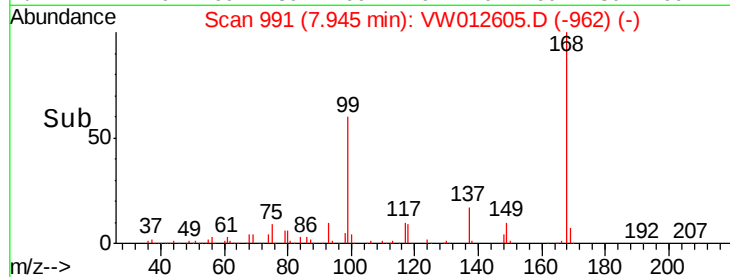
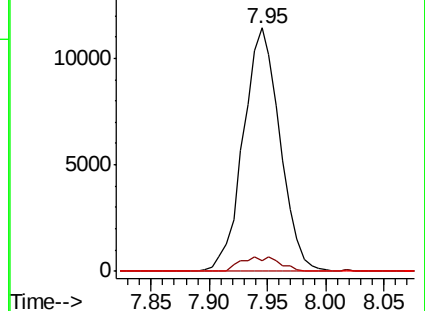
121 0.0 23.8 35.8#



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: 3.972 ug/l

RT: 9.53 min Scan# 1251

Delta R.T. 0.08 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

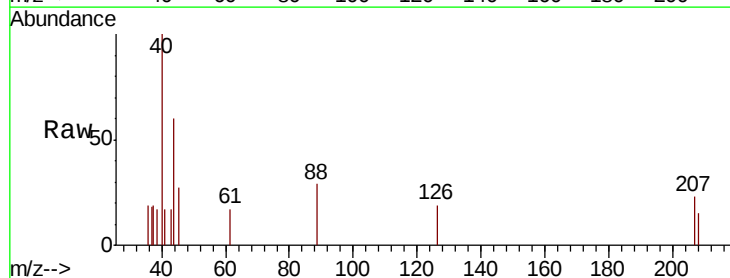
Tgt Ion: 88 Resp: 84

Ion Ratio Lower Upper

88 100

43 59.5 32.9 49.3#

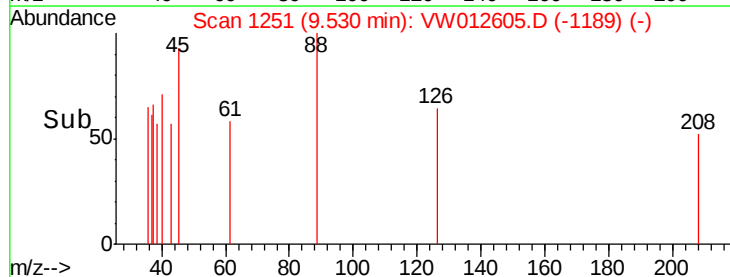
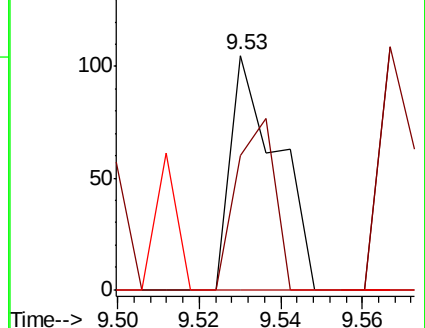
58 0.0 71.0 106.4#

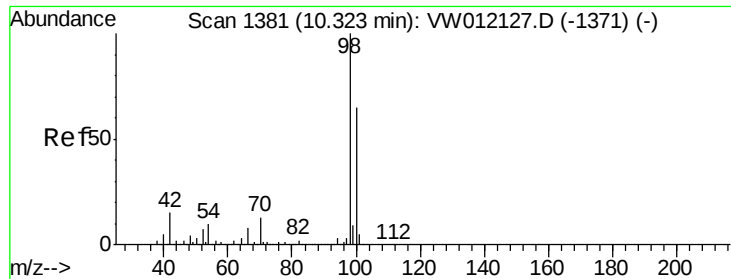


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

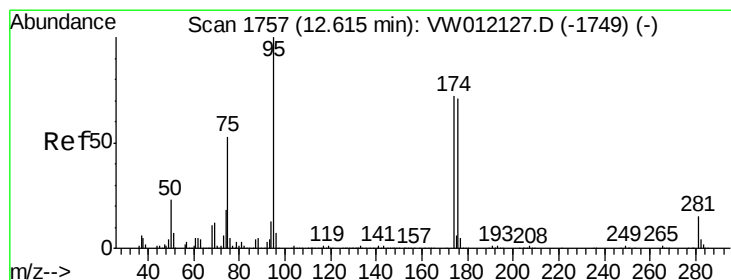
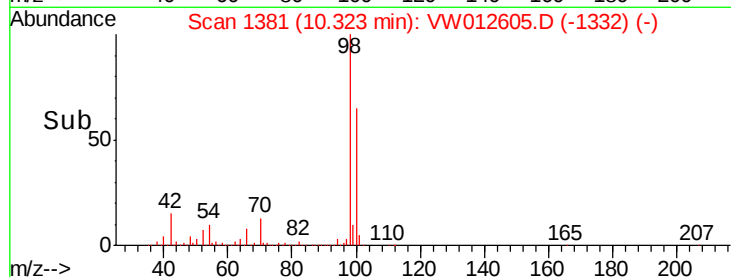
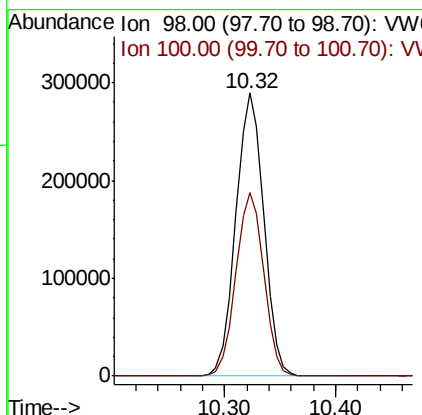
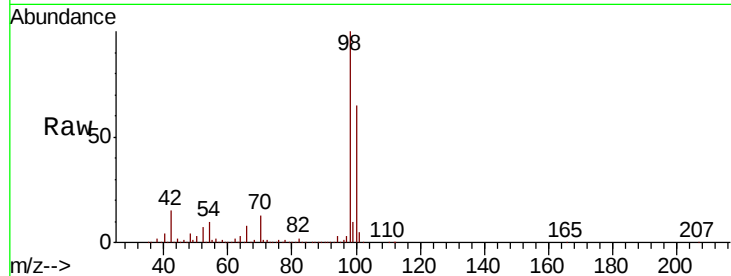




#50
Toluene-d8
Concen: 50.799 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

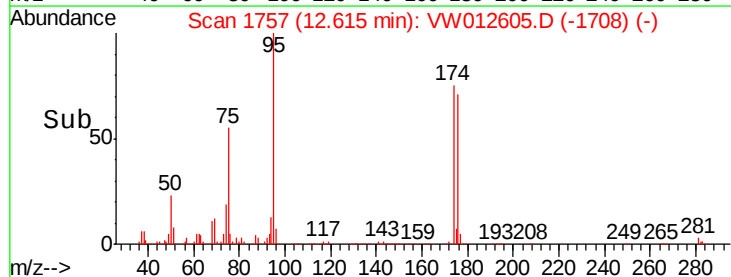
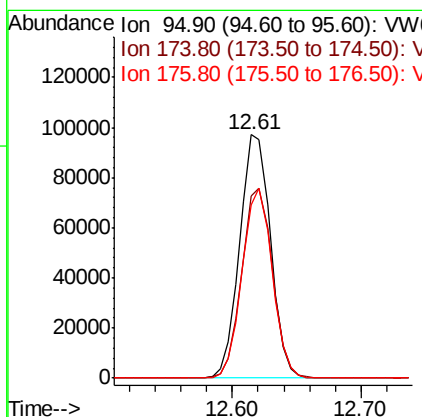
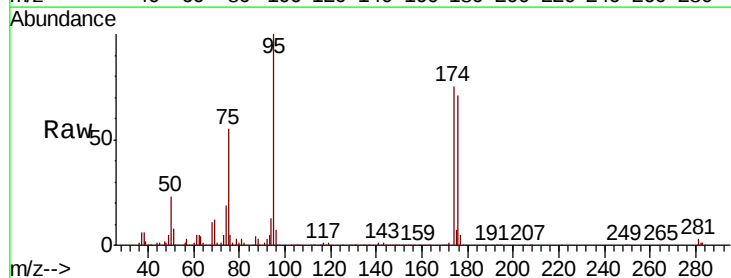
Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

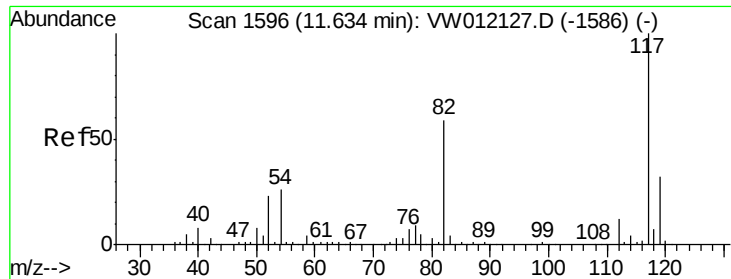
Tgt Ion: 98 Resp: 502675
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.103 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

Tgt Ion: 95 Resp: 160813
Ion Ratio Lower Upper
95 100
174 77.8 0.0 150.8
176 75.9 0.0 148.6

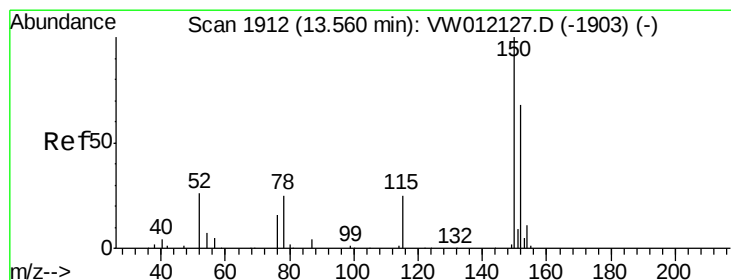
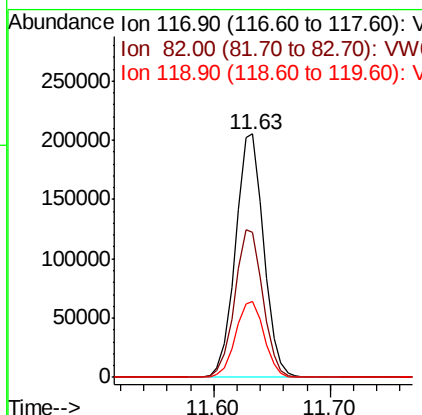
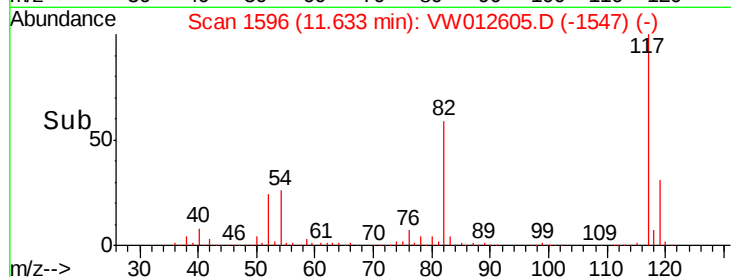
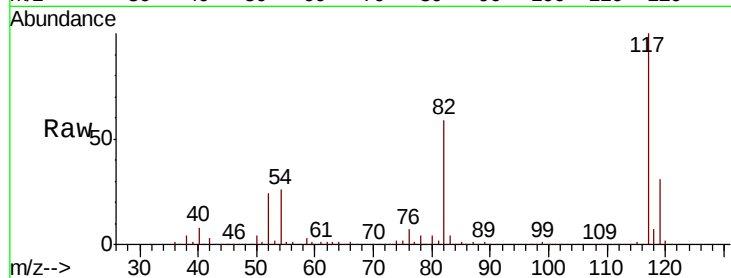




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

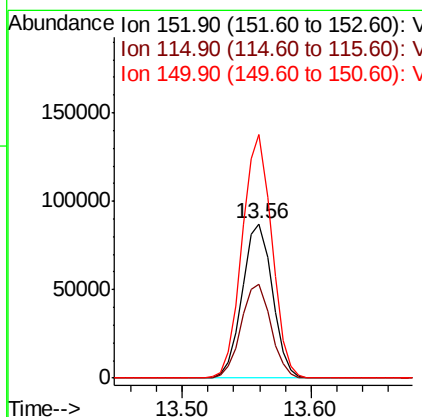
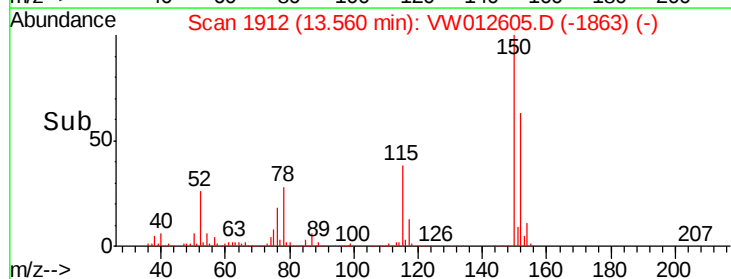
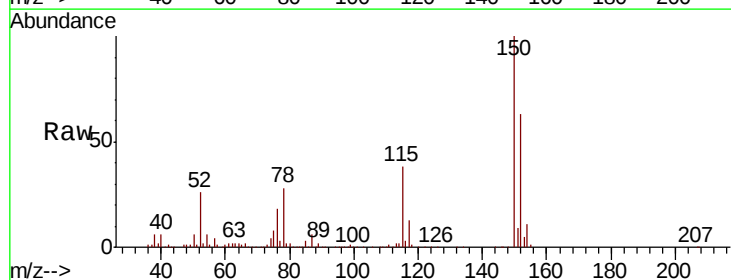
Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

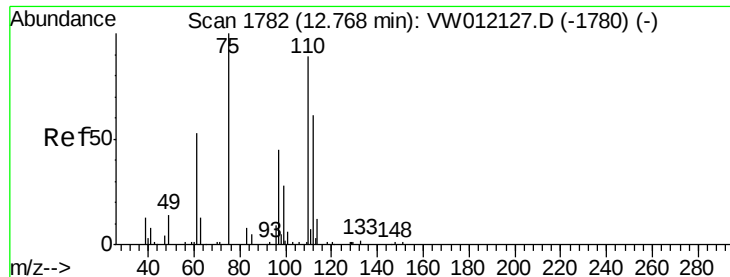
Tgt Ion:117 Resp: 346860
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

Tgt Ion:152 Resp: 140665
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 155.7 0.0 345.8





#76

1,2,3-Trichloropropane

Concen: 64.254 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

Instrument :

MSVOA_W

ClientSampled :

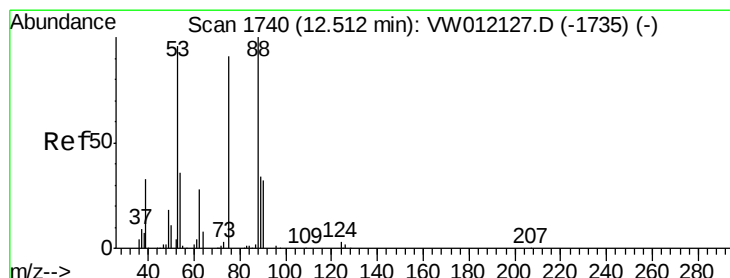
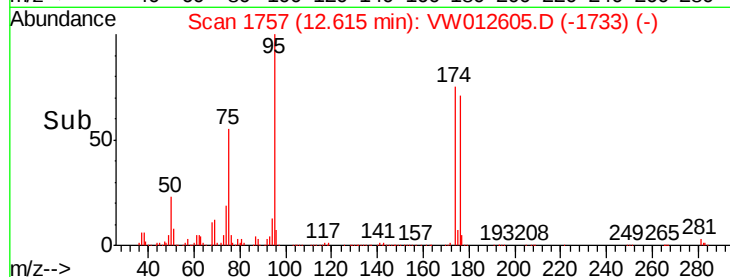
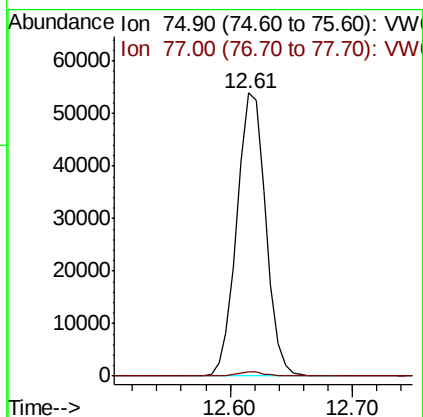
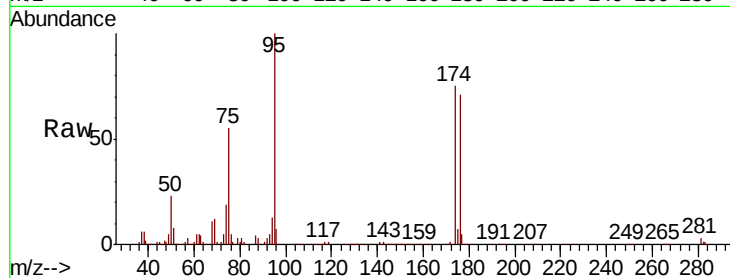
TP-10-D2

Tgt Ion: 75 Resp: 88027

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 140.880 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012605.D

Acq: 04 Sep 2019 21:30

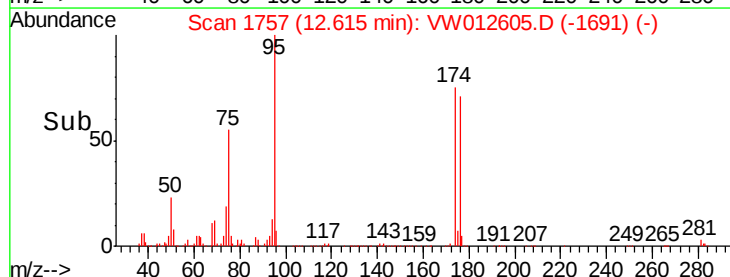
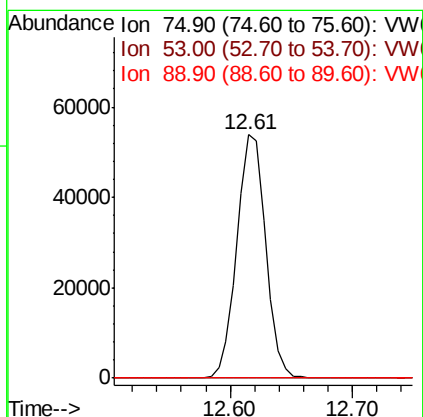
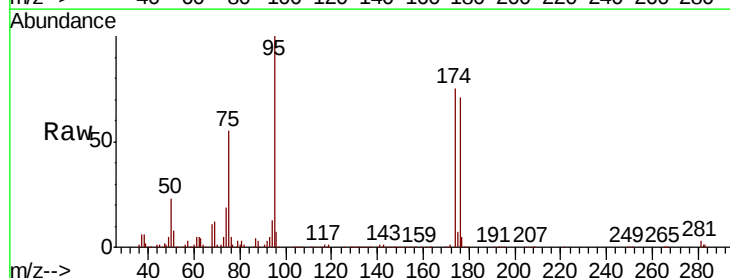
Tgt Ion: 75 Resp: 88027

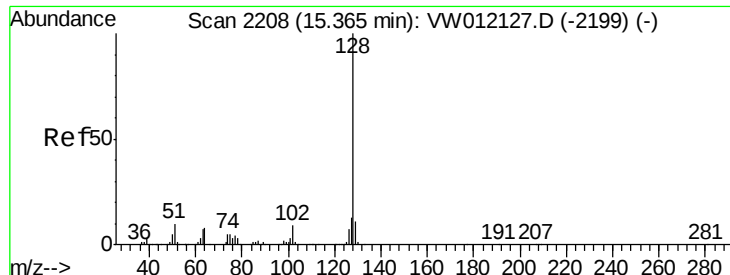
Ion Ratio Lower Upper

75 100

53 0.3 89.4 134.0#

89 0.1 34.5 51.7#





#95
Naphthalene
Concen: 4.381 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012605.D
Acq: 04 Sep 2019 21:30

Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

Tgt Ion:128 Resp: 346
Ion Ratio Lower Upper
128 100
127 11.6 10.7 16.1
129 0.0 8.7 13.1

