

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007686.D
 Acq On : 19 Dec 2018 05:24
 Operator : SY/AP
 Sample : J6386-09
 Misc : 4.68G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 06:02:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	42060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	77441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	31736	68.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.02%	
35) Dibromofluoromethane	7.88	113	26769	57.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.20%	
50) Toluene-d8	10.32	98	76473	43.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.02%	
62) 4-Bromofluorobenzene	12.62	95	19192	29.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.40%	

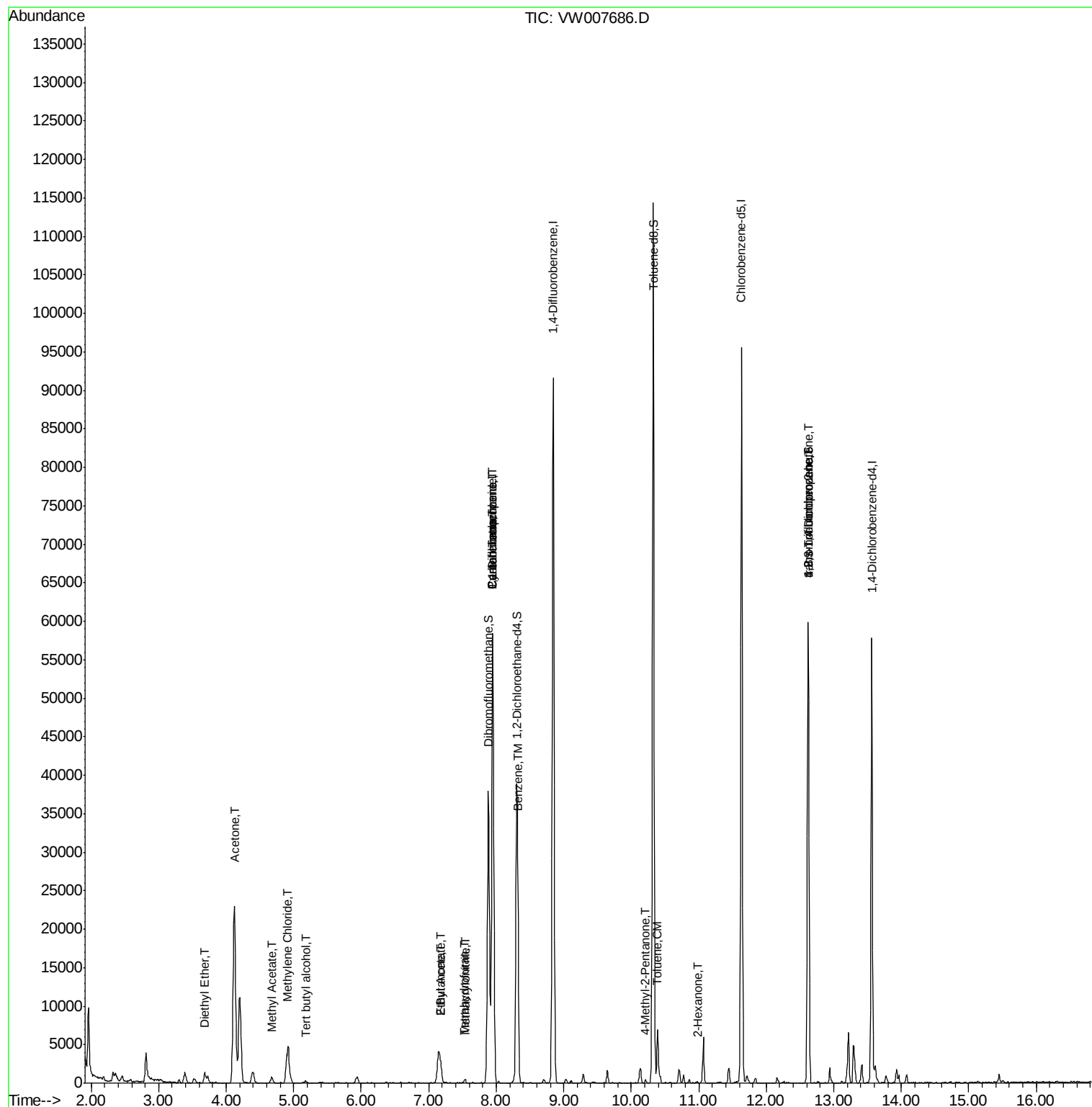
Target Compounds

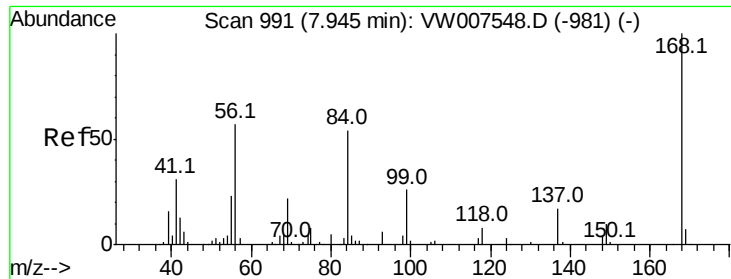
						Qvalue
8) Diethyl Ether	3.68	74	648	3.188	ug/l	89
11) Tert butyl alcohol	5.18	59	564	17.599	ug/l #	74
16) Acetone	4.12	43	40			

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
Data File : VW007686.D
Acq On : 19 Dec 2018 05:24
Operator : SY/AP
Sample : J6386-09
Misc : 4.68G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 19 06:02:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

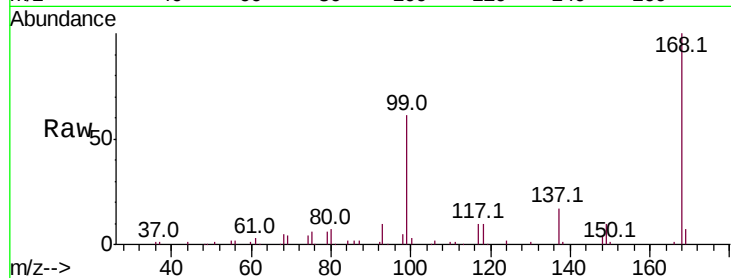
ClientSampled :

Tot Ion:168 Resp: 42060

Ion Ratio Lower Upper

168 100

99 61.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

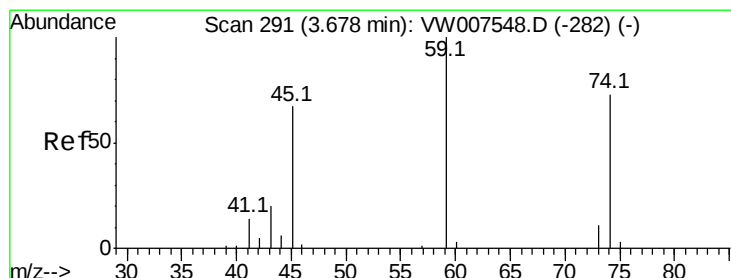
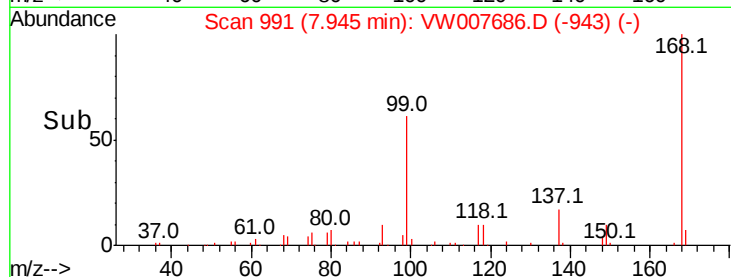
10000

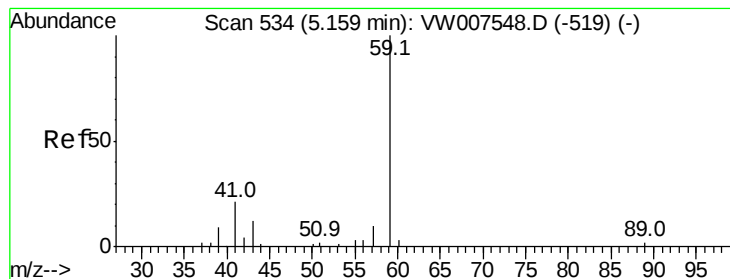
5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



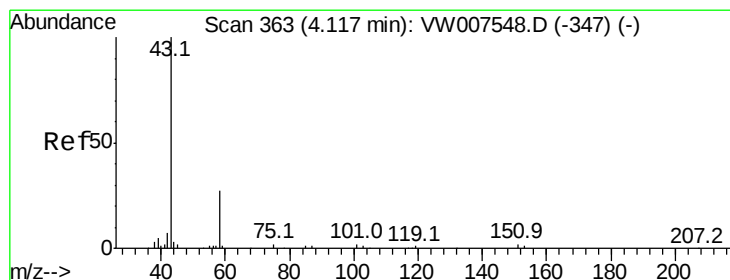
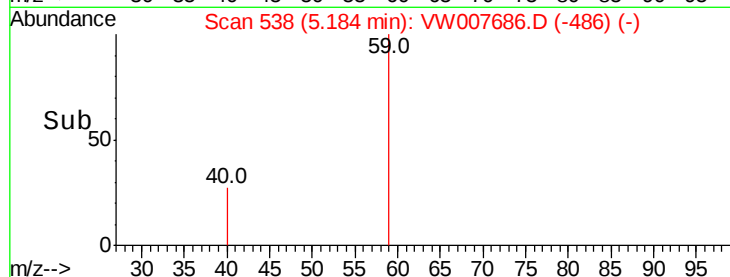
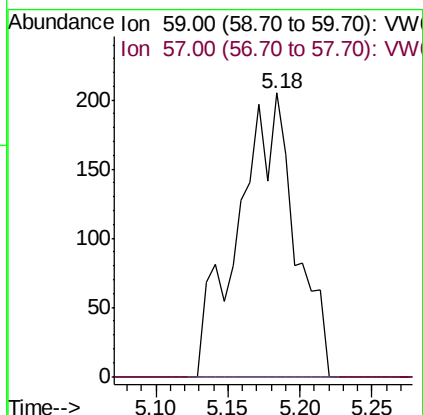
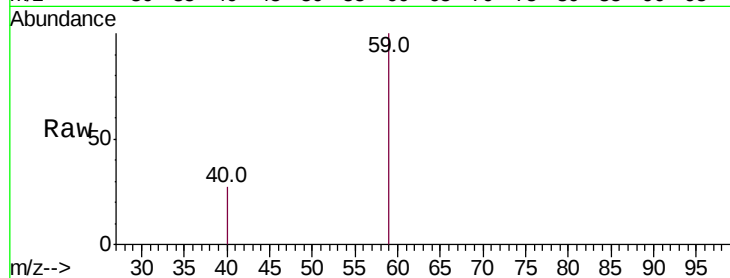


#11

Tert butyl alcohol
 Concen: 17.599 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.02 min
 Lab File: VW007686.D
 Acq: 19 Dec 2018 05:24

Instrument :
 MSVOA_W
 ClientSampled :

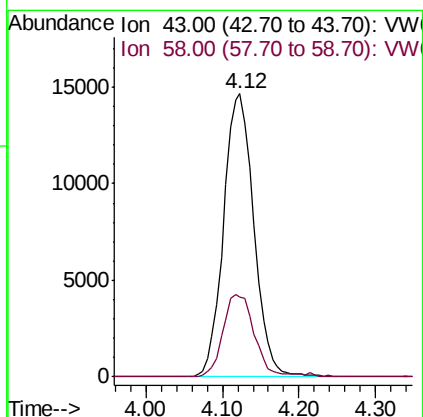
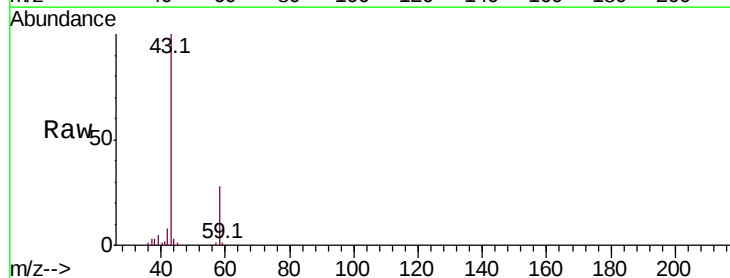
Tot Ion: 59 Resp: 564
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

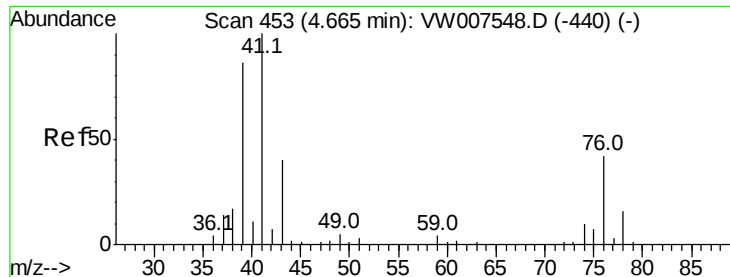


#16

Acetone
 Concen: 491.761 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW007686.D
 Acq: 19 Dec 2018 05:24

Tgt Ion: 43 Resp: 40081
 Ion Ratio Lower Upper
 43 100
 58 28.2 24.9 37.3

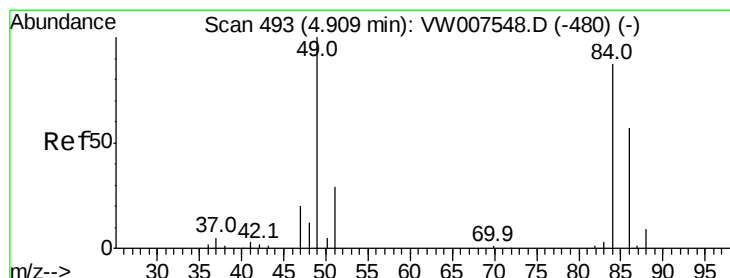
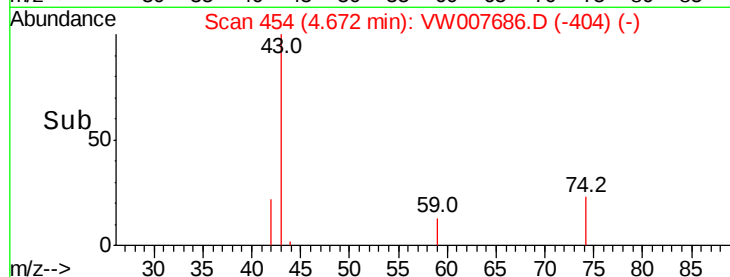
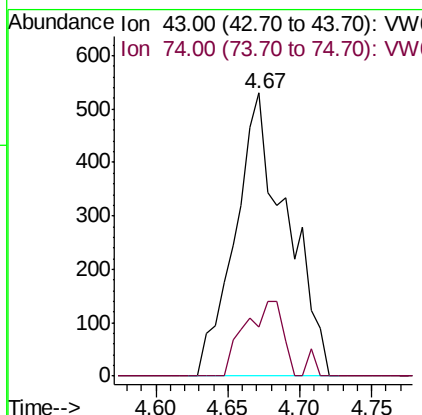
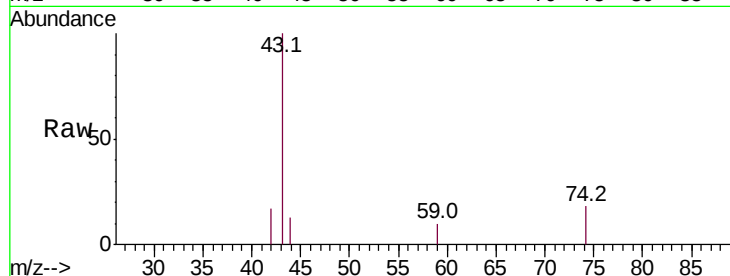




#18
Methyl Acetate
Concen: 5.981 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

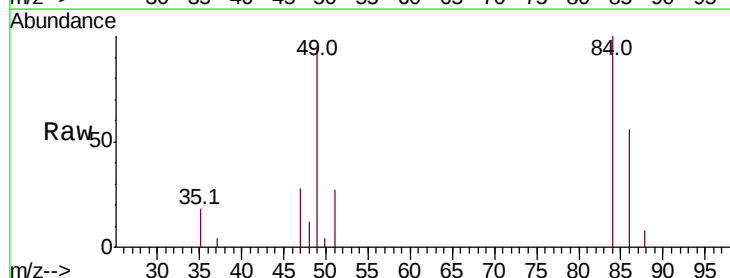
Instrument :
MSVOA_W
ClientSampled :

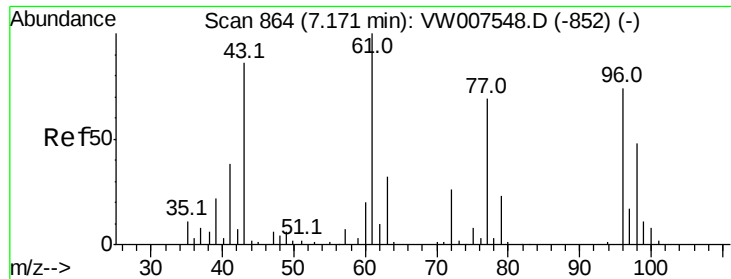
Tot Ion: 43 Resp: 1323
Ion Ratio Lower Upper
43 100
74 19.4 21.1 31.7#



#20
Methylene Chloride
Concen: 5.706 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion: 84 Resp: 4090
Ion Ratio Lower Upper
84 100
49 94.4 87.1 130.7
51 27.2 28.2 42.2#
86 56.4 50.8 76.2





#25

2-Butanone

Concen: 34.895 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

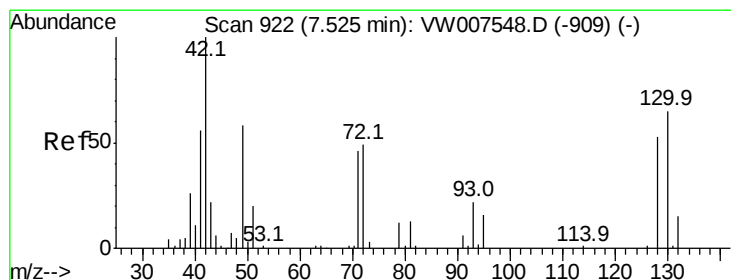
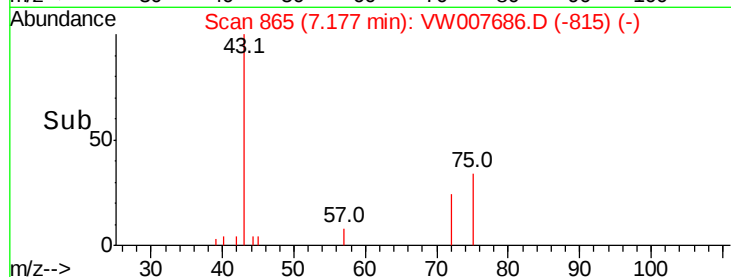
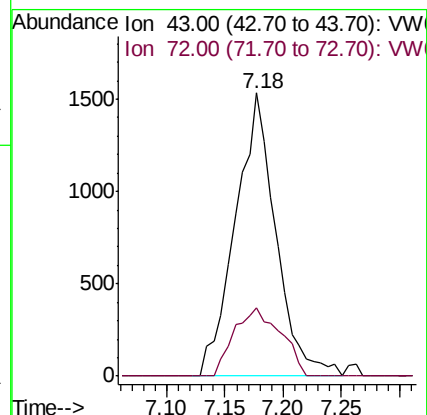
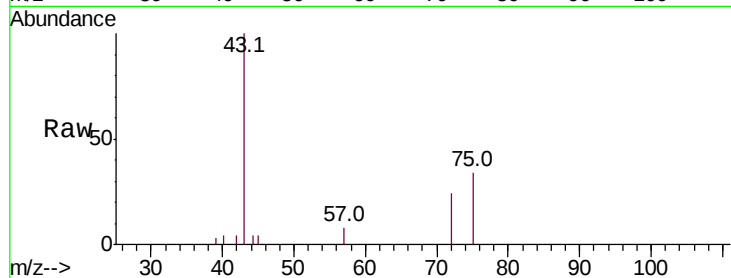
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 3713

Ion Ratio Lower Upper

43 100

72 24.1 23.4 35.2

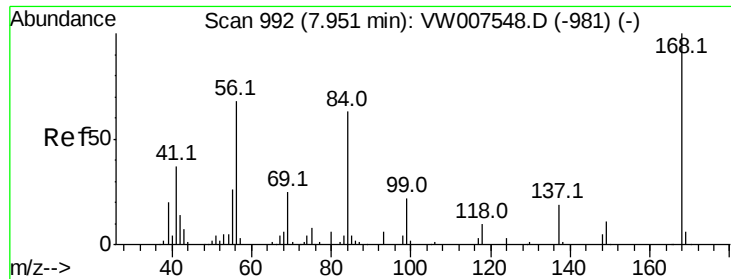


#29

Tetrahydrofuran

Concen: 3.800 ug/l

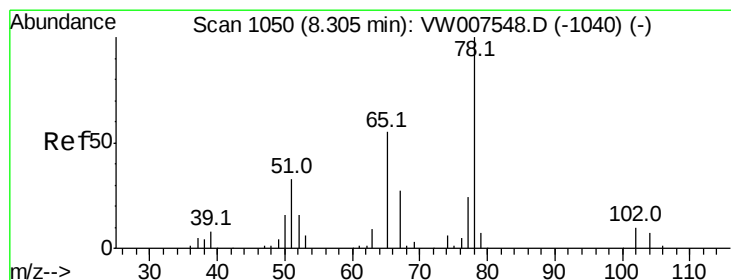
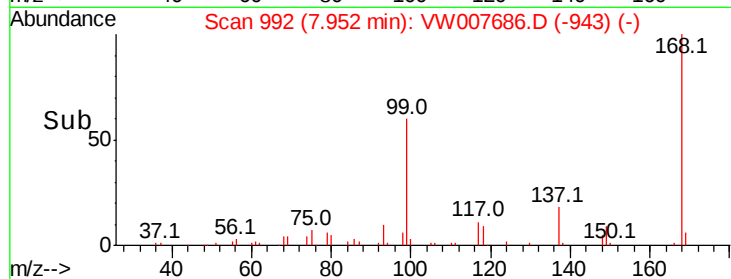
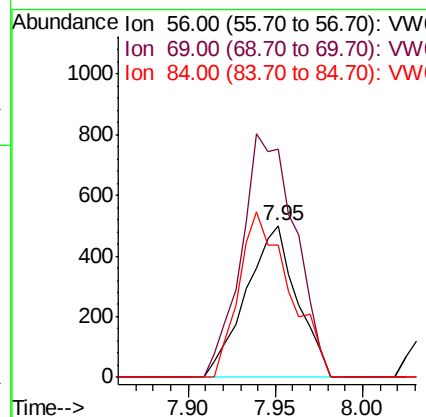
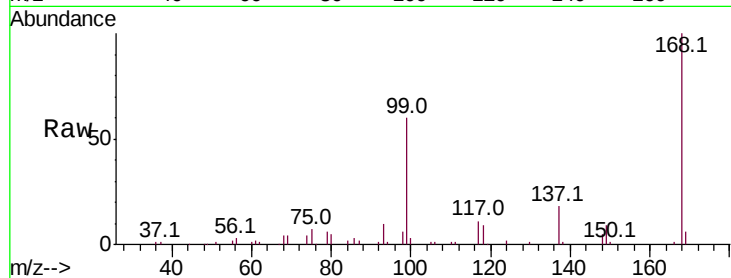
RT: 7.53 min Scan# 923



#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

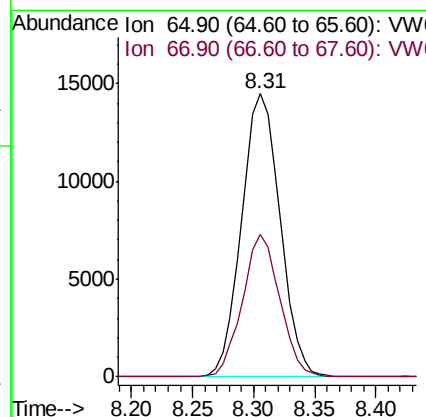
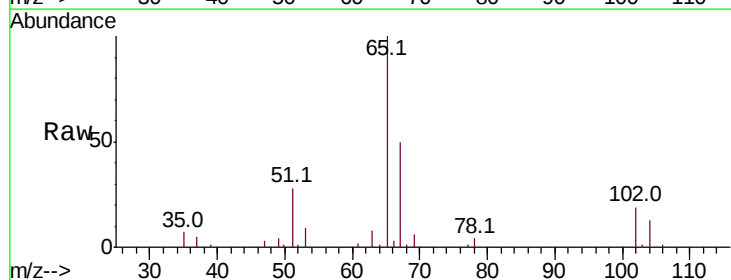
Instrument :
MSVOA_W
ClientSampled :

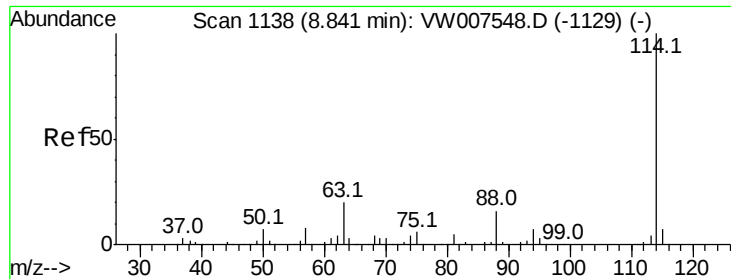
Tot Ion: 56 Resp: 1017
Ion Ratio Lower Upper
56 100
69 150.8 28.9 43.3#
84 87.4 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 68.012 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion: 65 Resp: 31736
Ion Ratio Lower Upper
65 100
67 48.7 0.0 101.6

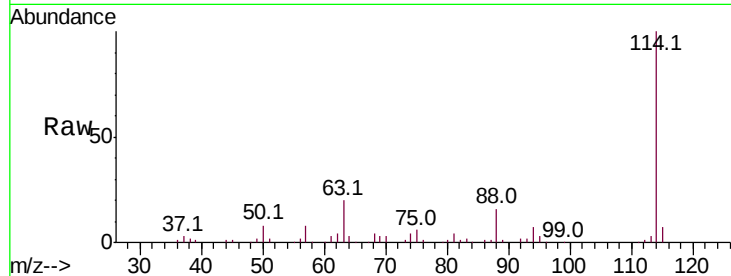




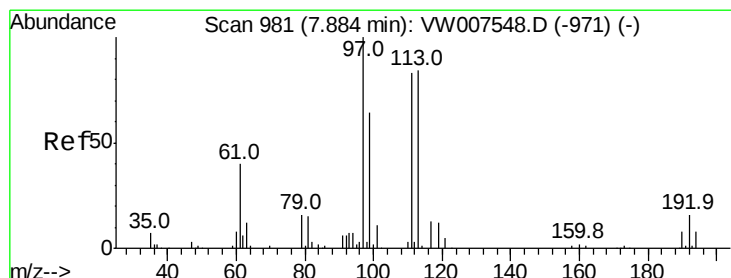
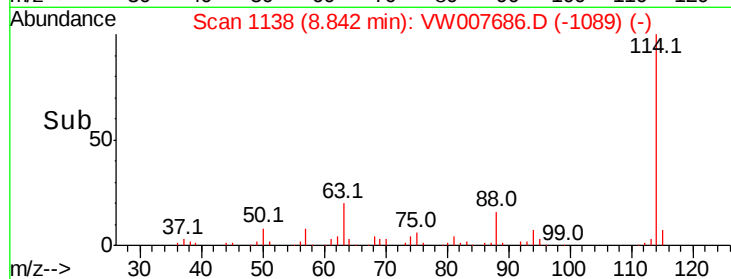
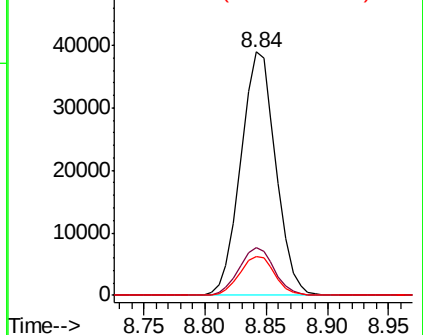
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007686.D
 Acq: 19 Dec 2018 05:24

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 77441
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 16.0 0.0 31.4

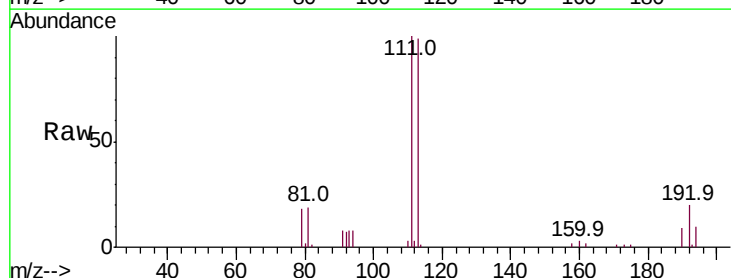


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

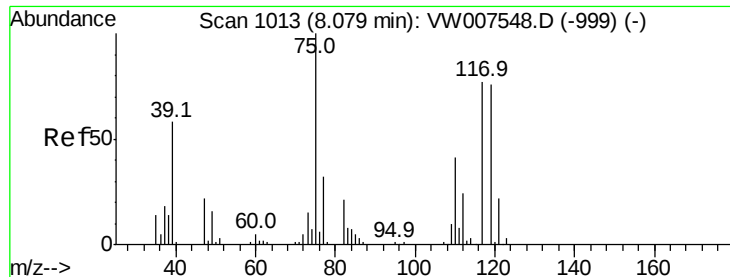


#35
 Dibromofluoromethane
 Concen: 57.103 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007686.D
 Acq: 19 Dec 2018 05:24

Tgt Ion:113 Resp: 26769
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 18.9 14.6 21.8



Abundance Ion 112.80 (112.50 to 11



#36

1,1-Dichloropropene

Concen: 4.484 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

ClientSampleId :

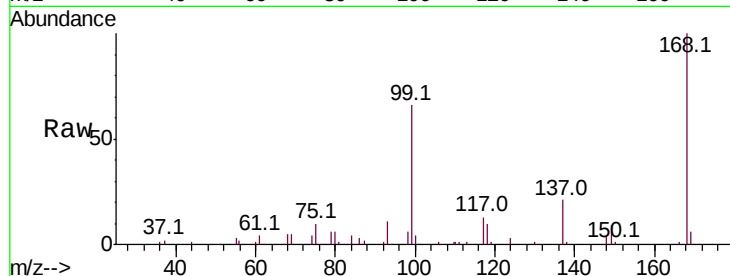
Tot Ion: 75 Resp: 3168

Ion Ratio Lower Upper

75 100

110 8.6 18.5 55.5#

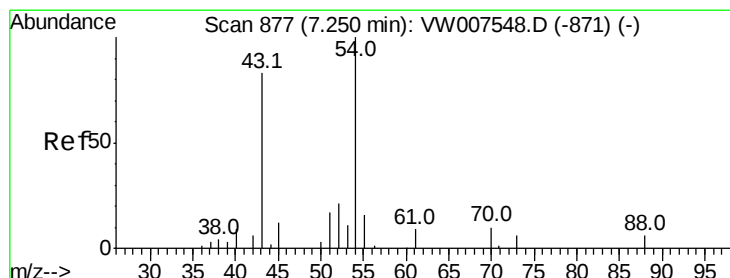
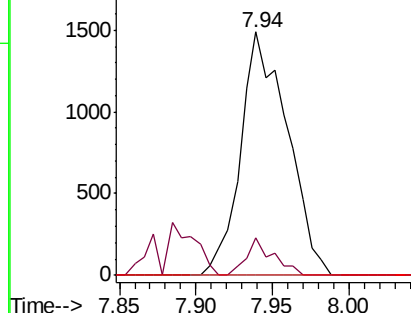
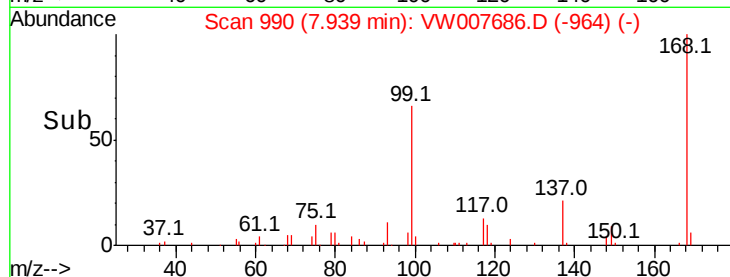
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

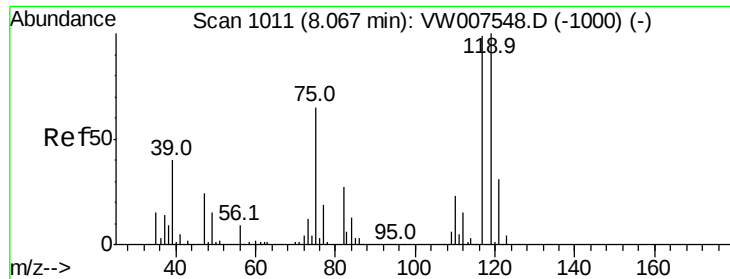
Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

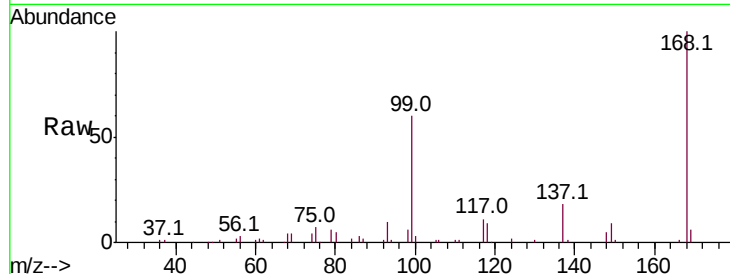
Eth



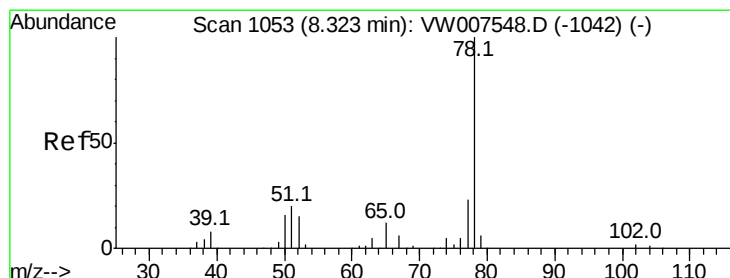
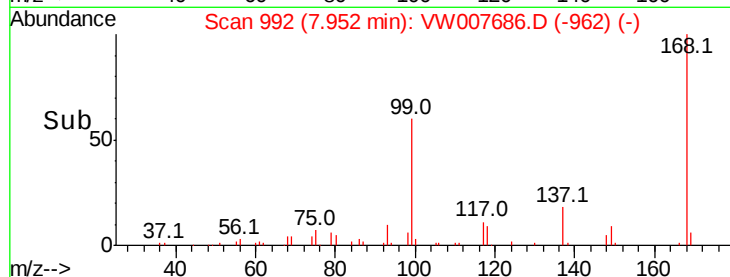
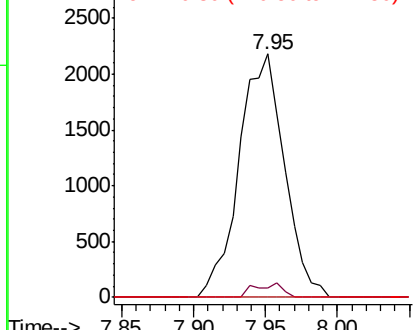
#38
Carbon Tetrachloride
Concen: 6.173 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 4745
Ion Ratio Lower Upper
117 100
119 3.7 74.3 111.5#
121 0.0 24.3 36.5#

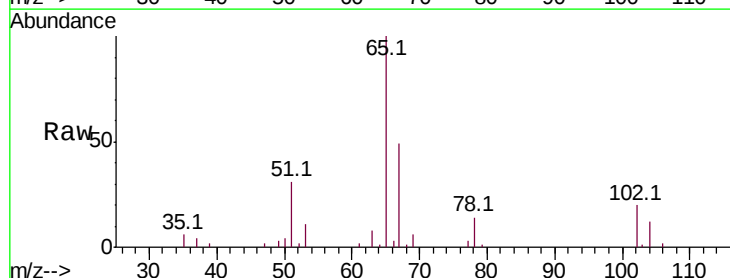


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

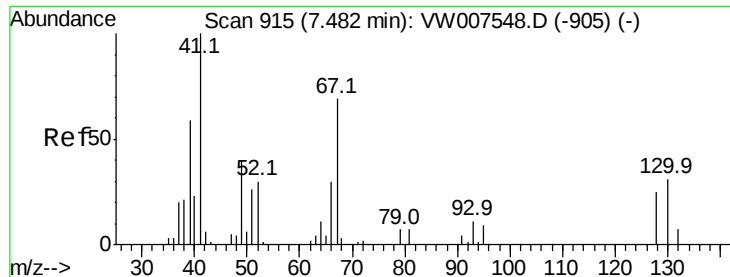


#40
Benzene
Concen: 1.204 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion: 78 Resp: 2361
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW



#41

Methacrylonitrile

Concen: 1.965 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.06 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 294

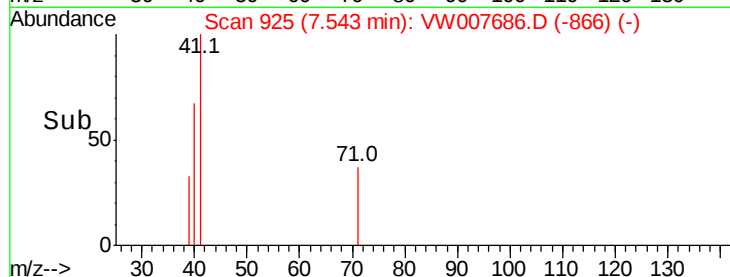
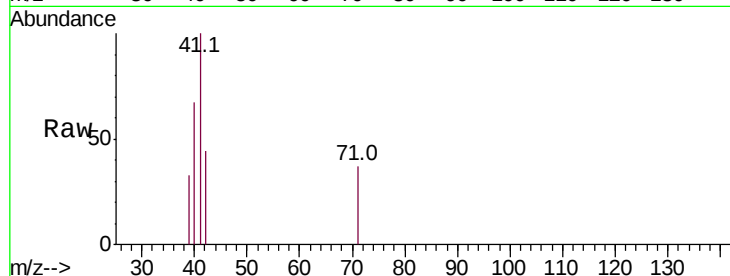
Ion Ratio Lower Upper

41 100

39 35.4 52.2 78.2#

67 0.0 60.5 90.7#

52 0.0 25.3 37.9#

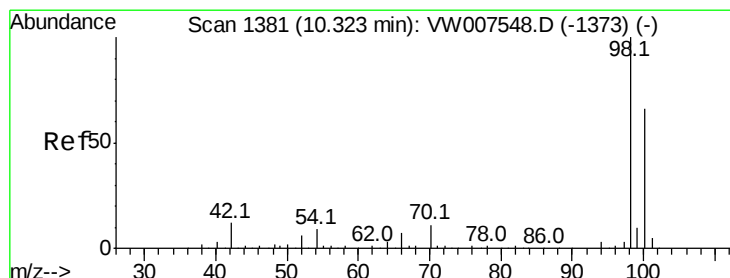
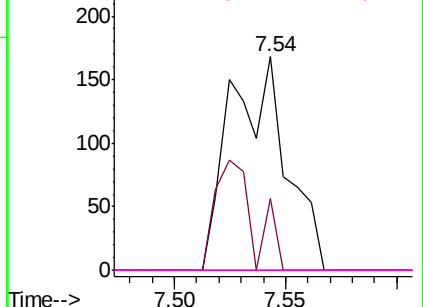


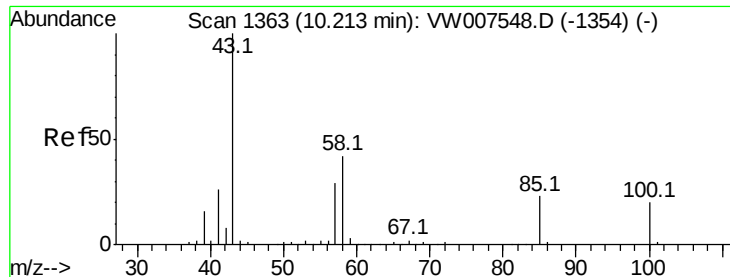
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.835 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

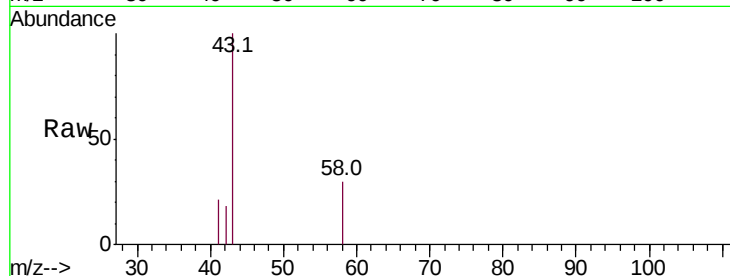
ClientSampleId :

Tot Ion: 43 Resp: 450

Ion Ratio Lower Upper

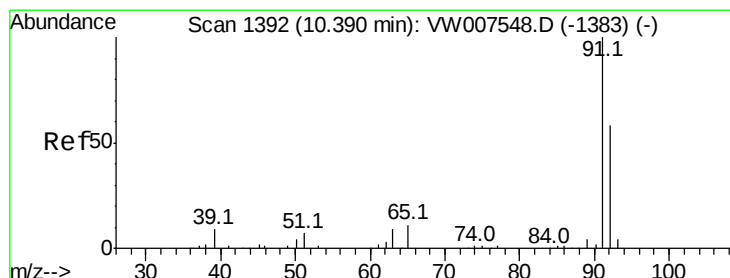
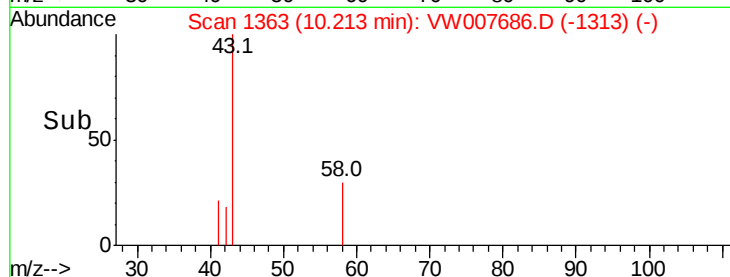
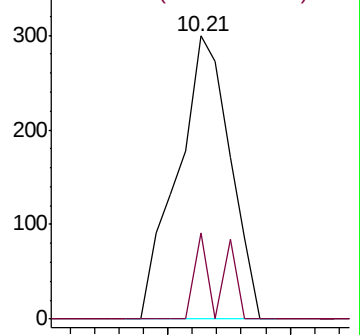
43 100

58 14.2 33.1 49.7#



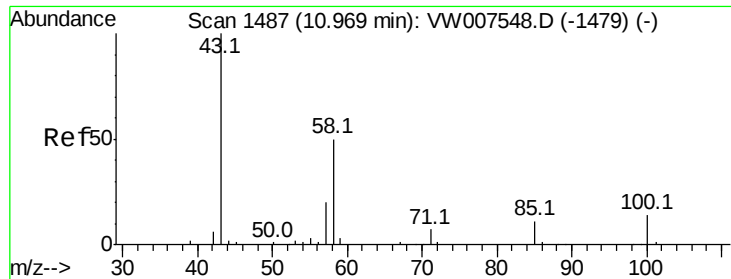
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene



#59

2-Hexanone

Concen: 1.174 ug/l

RT: 10.98 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

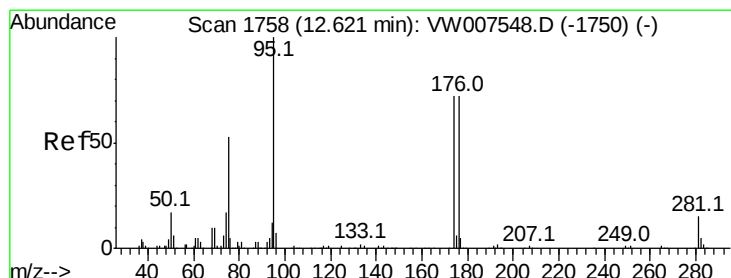
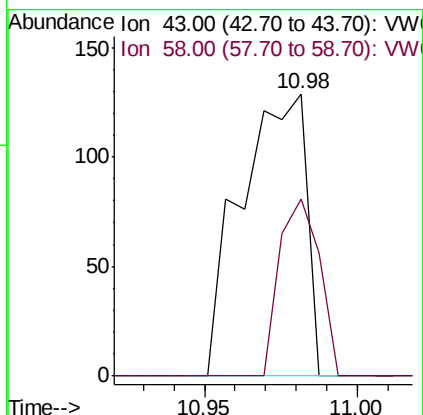
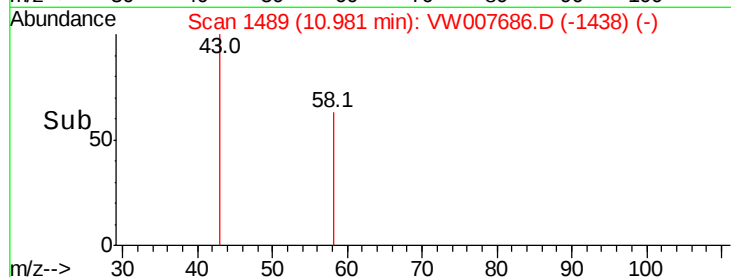
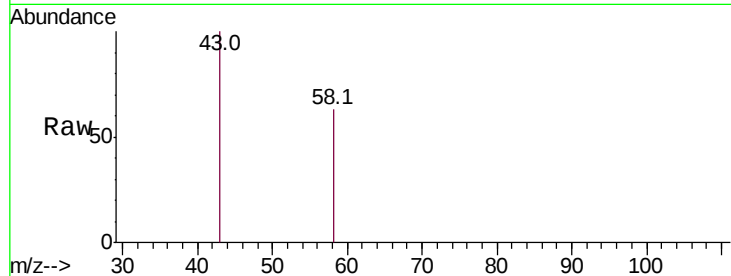
ClientSampled :

Tot Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

58 38.5 27.1 81.3



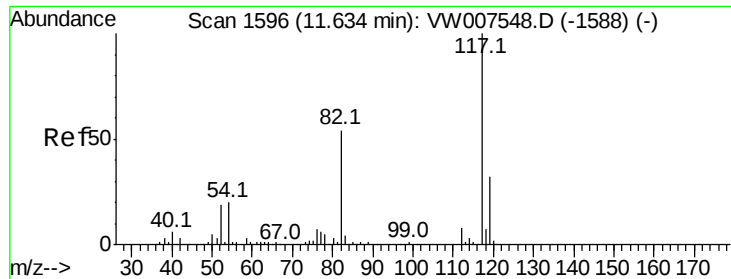
#62

4-Bromofluorobenzene

Concen: 29.698 ug/l

RT: 12.62 min Scan# 1758

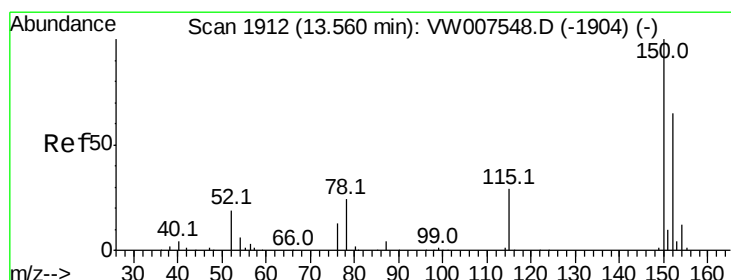
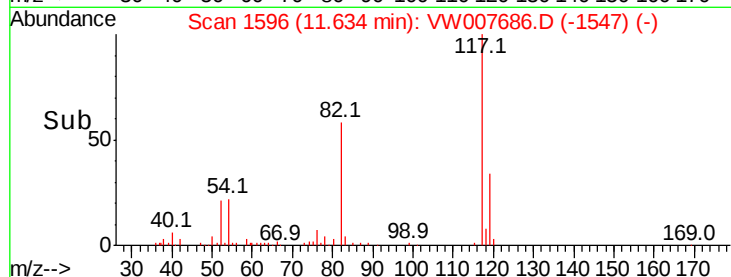
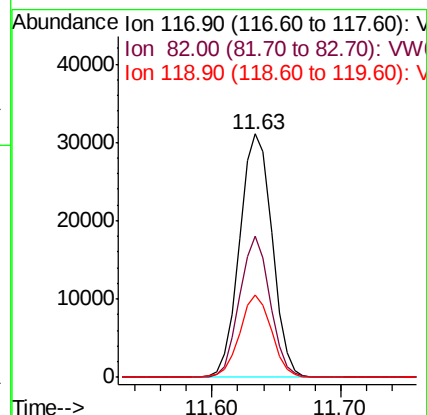
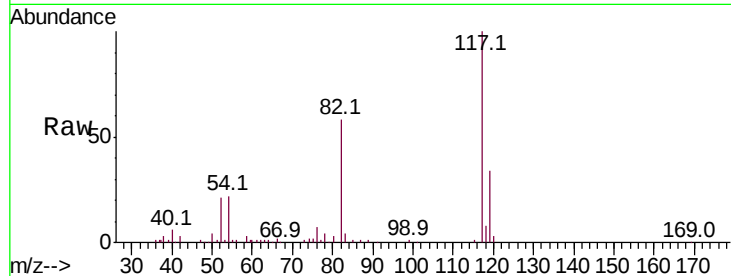
Delta R.T. -0.00 min



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

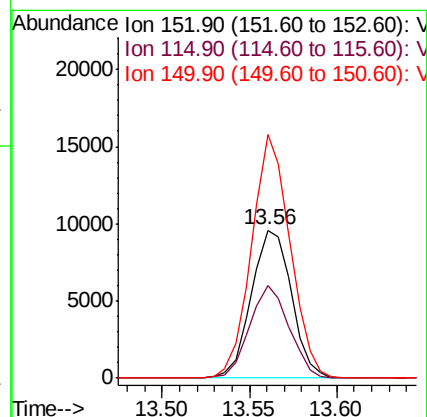
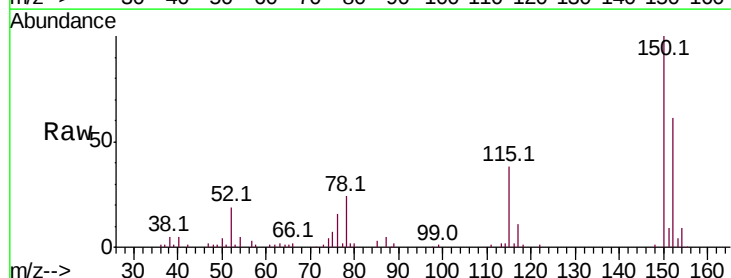
Instrument :
MSVOA_W
ClientSampleId :

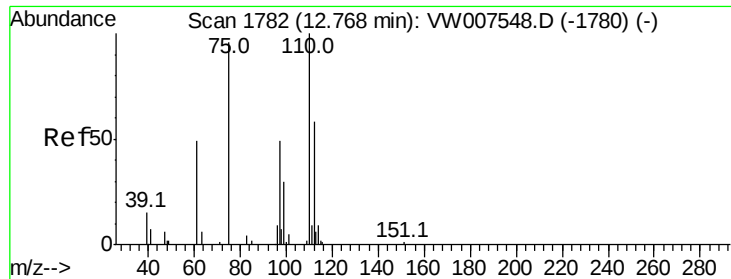
Tot Ion:117 Resp: 54260
Ion Ratio Lower Upper
117 100
82 57.8 42.3 63.5
119 33.7 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion:152 Resp: 15287
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 157.9 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 80.304 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

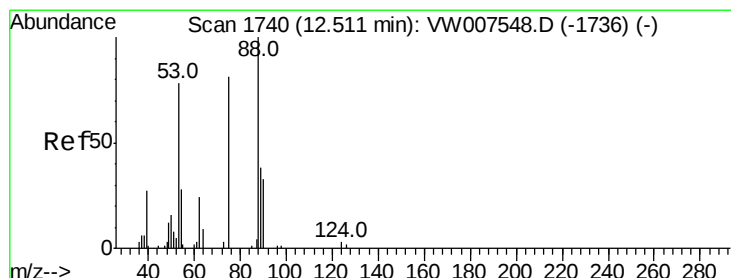
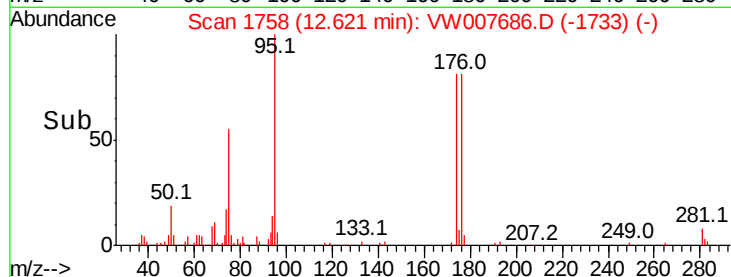
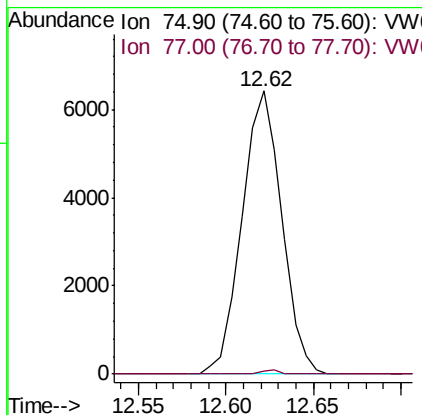
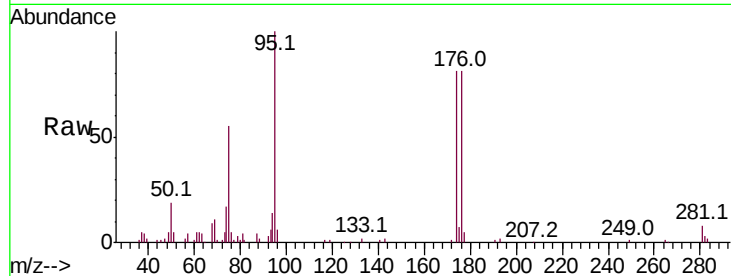
ClientSampleId :

Tot Ion: 75 Resp: 10122

Ion Ratio Lower Upper

75 100

77 0.7 166.9 500.8#



#81

trans-1,4-D