

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006698.D
 Acq On : 06 Nov 2018 20:26
 Operator : SY/AP
 Sample : J5812-25
 Misc : 5.89G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-A

Quant Time: Nov 07 11:29:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118694	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
35) Dibromofluoromethane	7.89	113	125474	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.33	98	455391	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.62	95	149463	44.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.48%	

Target Compounds

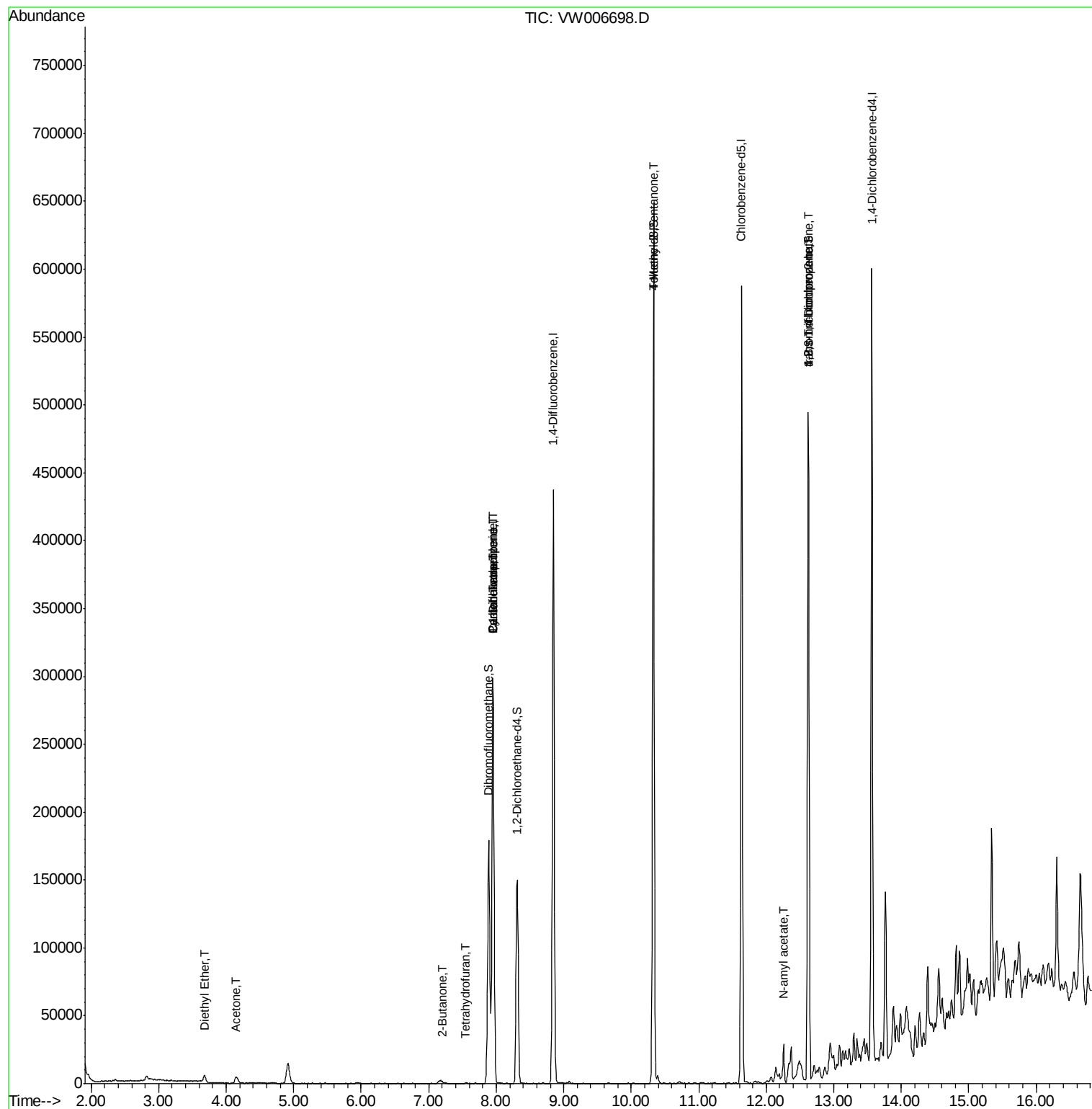
					Qvalue	
8) Diethyl Ether	3.68	74	3158	2.960	ug/l	89
16) Acetone	4.15	43	10078	29.428	ug/l	88
25) 2-Butanone	7.20	43	2074	4.244	ug/l	96
29) Tetrahydrofuran	7.54	42	368	1.197	ug/l #	29
31) Cyclohexane	7.95	56	3939	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15287	4.457	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21036	5.869	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1639	1.345	ug/l #	1
74) N-amyl acetate	12.26	43	5145	2.651	ug/l #	67
76) 1,2,3-Trichloropropane	12.62	75	73614	55.336	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73614	138.340	ug/l #	11

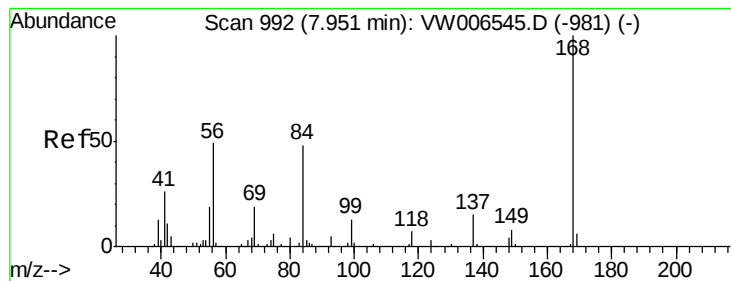
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 11:29:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampled :

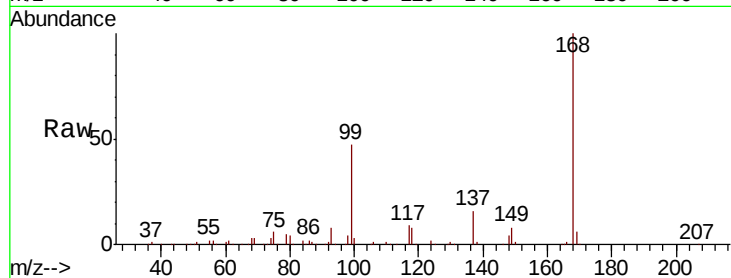
TP4-A

Tot Ion:168 Resp: 246764

Ion Ratio Lower Upper

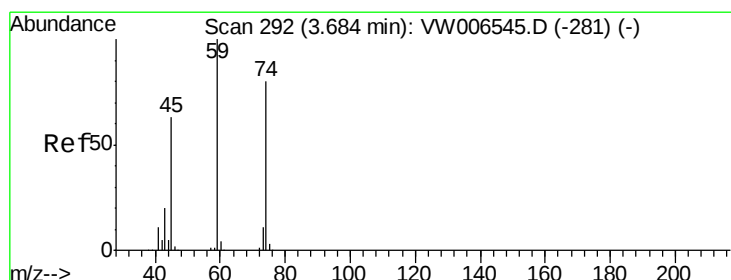
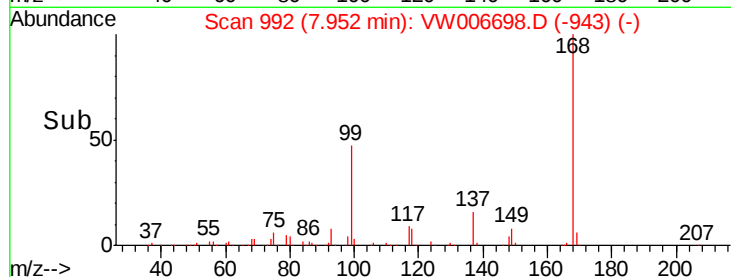
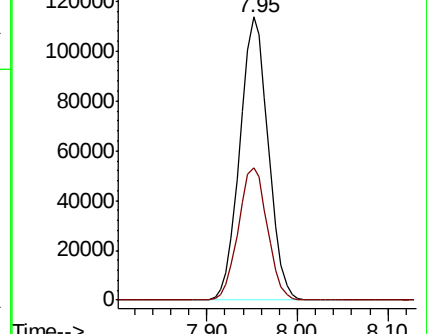
168 100

99 46.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.960 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006698.D

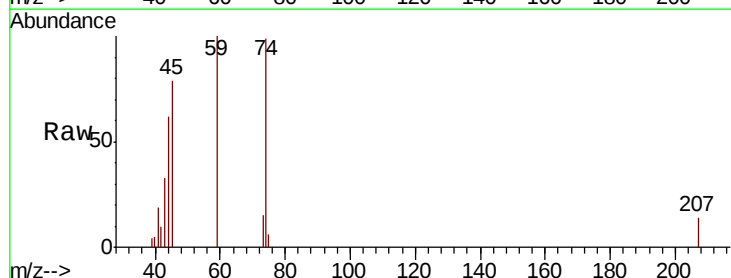
Acq: 06 Nov 2018 20:26

Tgt Ion: 74 Resp: 3158

Ion Ratio Lower Upper

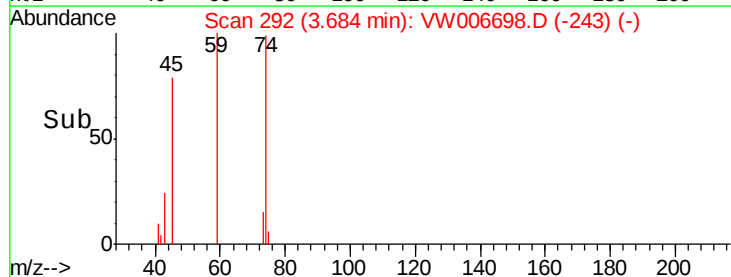
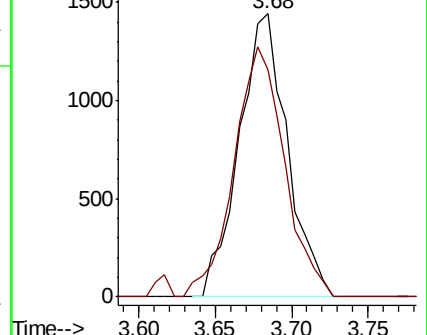
74 100

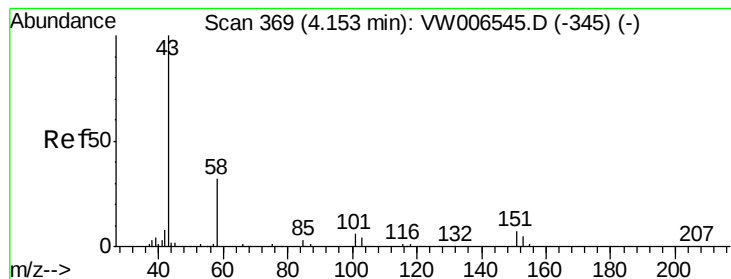
45 92.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 29.428 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampled :

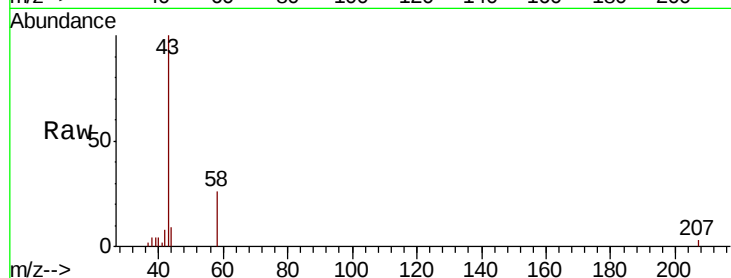
TP4-A

Tot Ion: 43 Resp: 10078

Ion Ratio Lower Upper

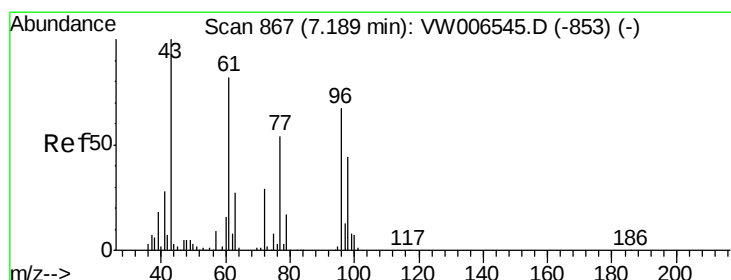
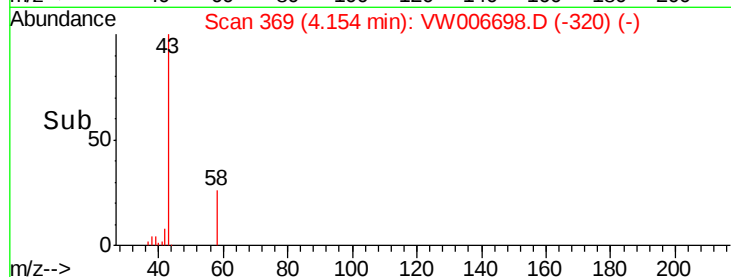
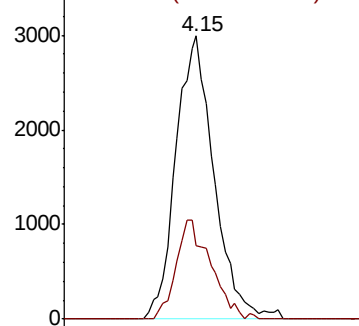
43 100

58 25.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 4.244 ug/l

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW006698.D

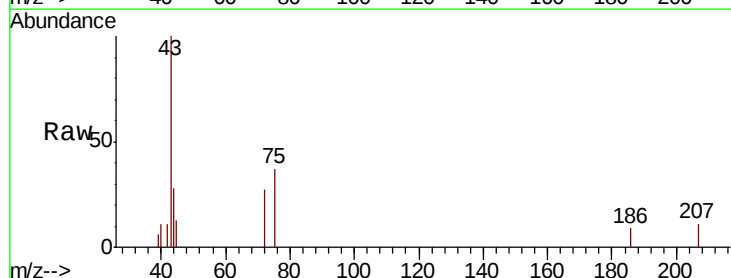
Acq: 06 Nov 2018 20:26

Tgt Ion: 43 Resp: 2074

Ion Ratio Lower Upper

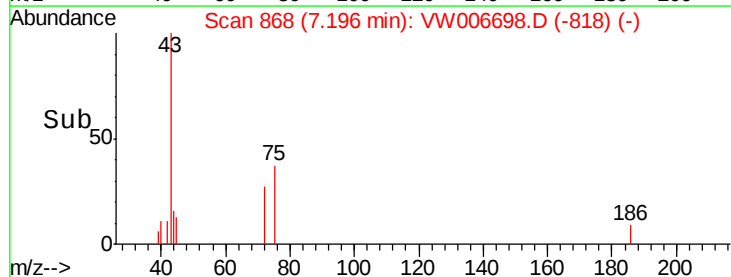
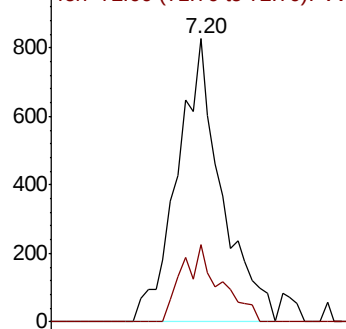
43 100

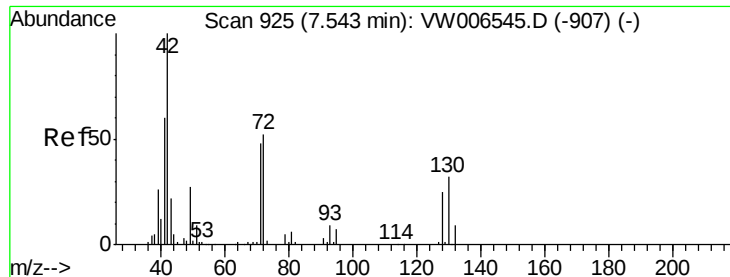
72 27.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

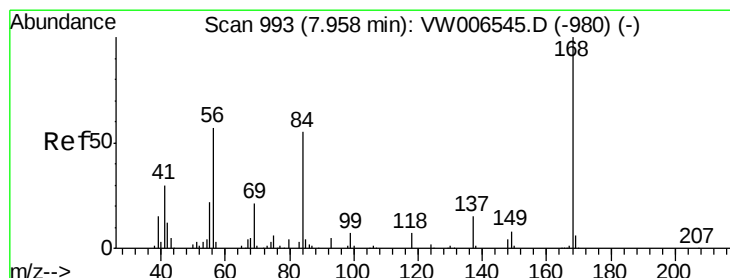
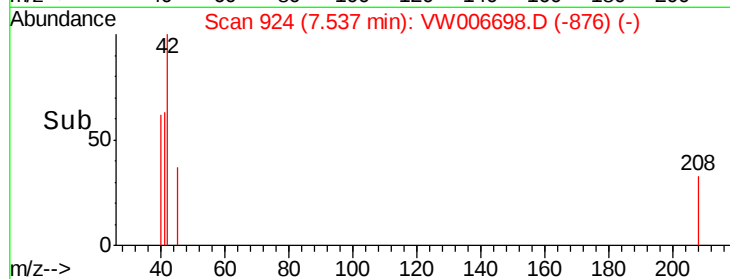
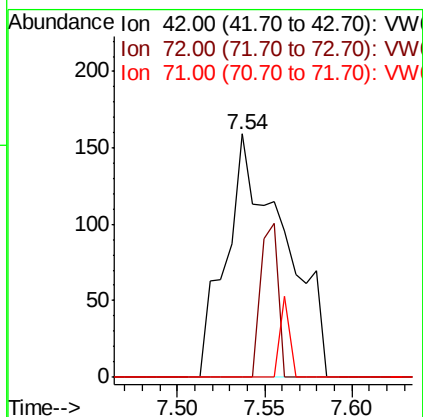
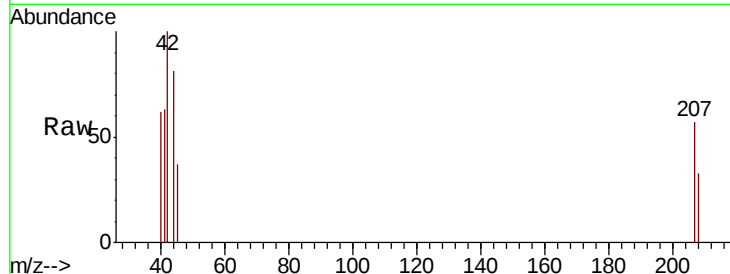




#29
Tetrahydrofuran
Concen: 1.197 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

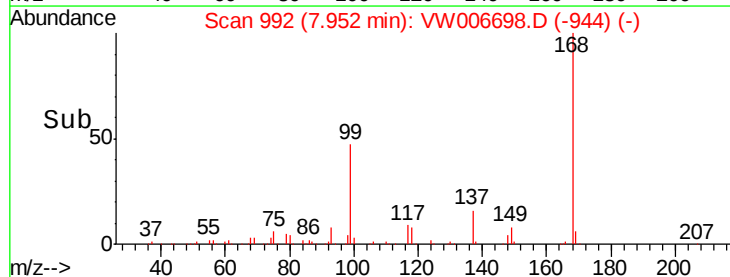
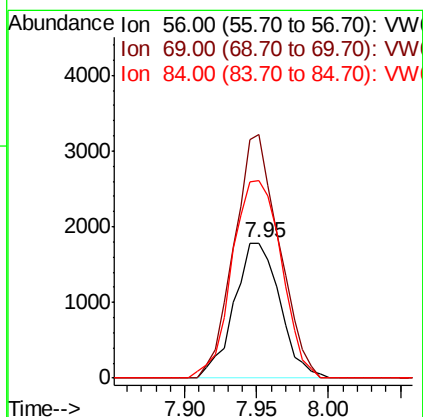
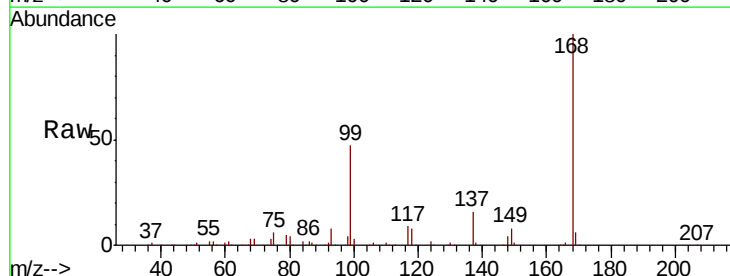
Instrument :
MSVOA_W
ClientSampleId :
TP4-A

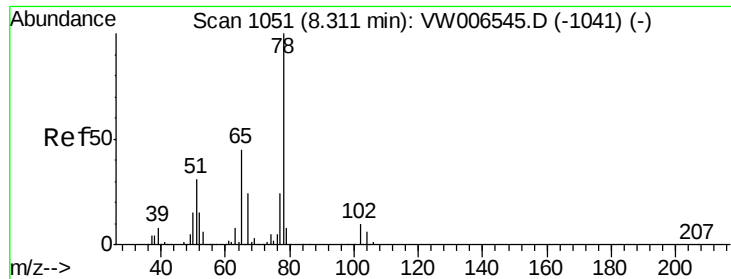
Tot Ion: 42 Resp: 368
Ion Ratio Lower Upper
42 100
72 0.0 39.2 58.8#
71 0.0 37.6 56.4#



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

Tgt Ion: 56 Resp: 3939
Ion Ratio Lower Upper
56 100
69 179.8 29.0 43.4#
84 145.9 77.8 116.6#

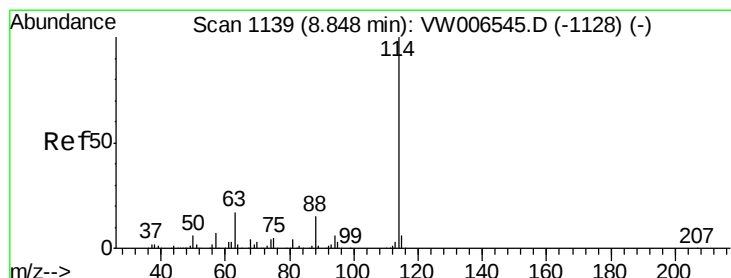
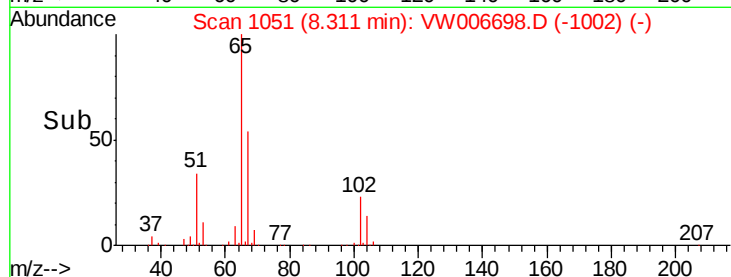
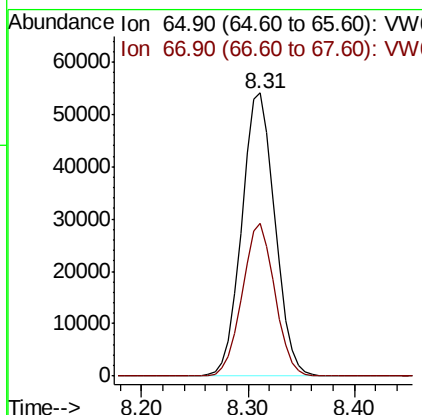
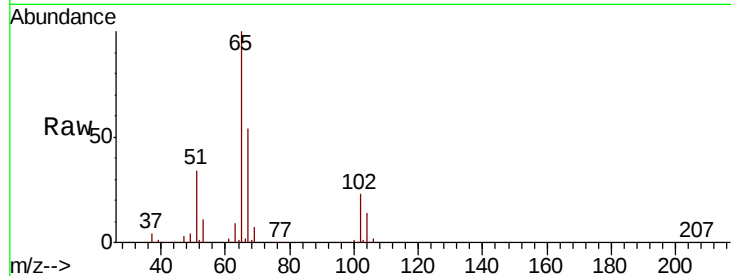




#33
 1,2-Dichloroethane-d4
 Concen: 55.957 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006698.D
 Acq: 06 Nov 2018 20:26

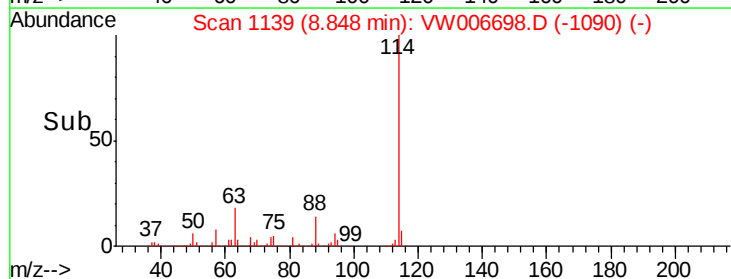
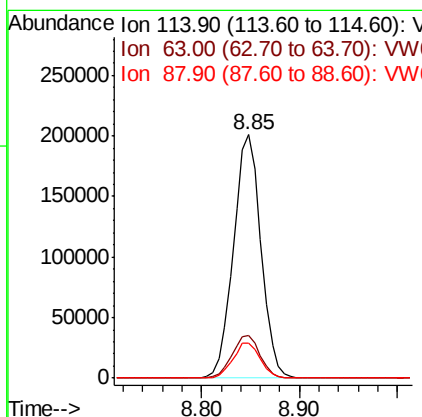
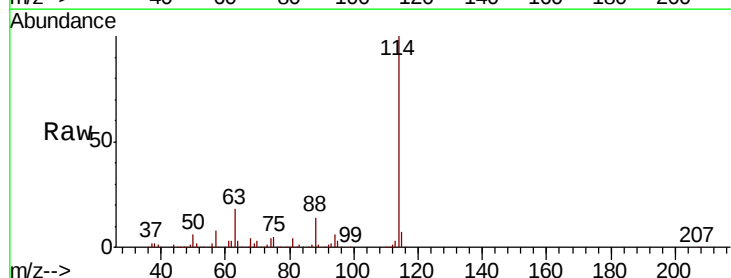
Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-A

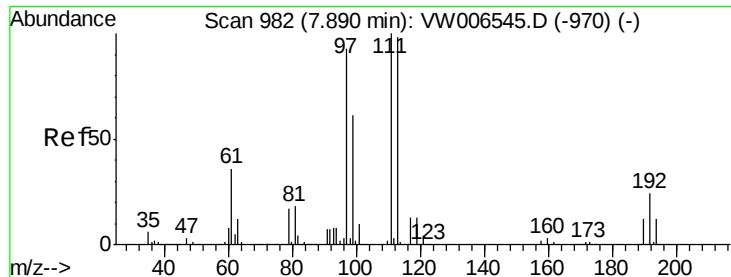
Tot Ion: 65 Resp: 118694
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006698.D
 Acq: 06 Nov 2018 20:26

Tgt Ion: 114 Resp: 390066
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.5 0.0 29.0

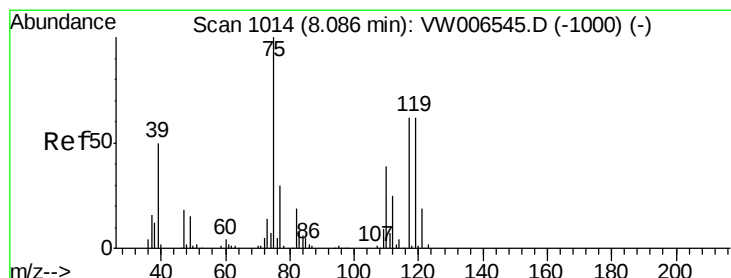
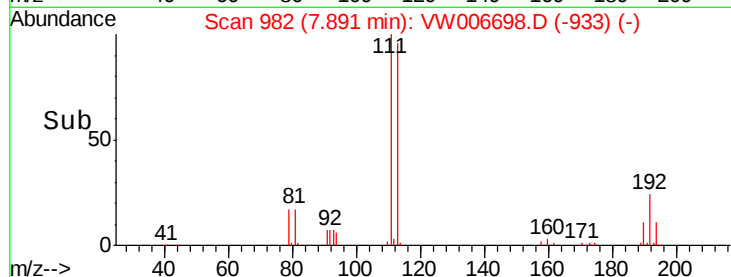
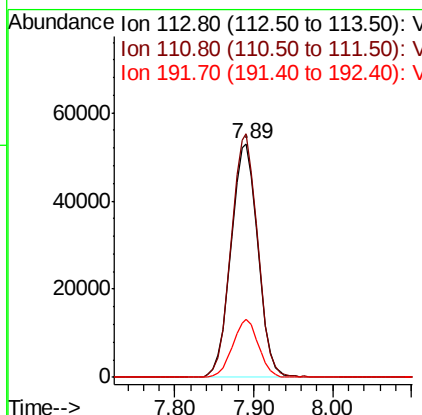
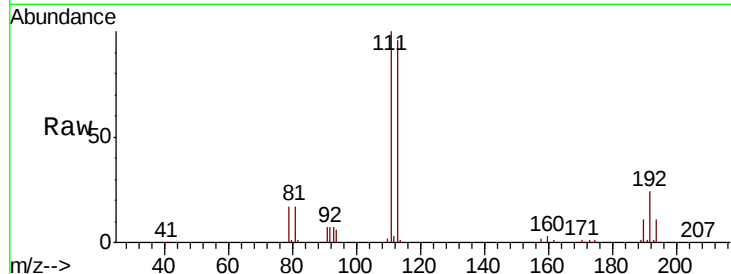




#35
 Dibromofluoromethane
 Concen: 51.256 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006698.D
 Acq: 06 Nov 2018 20:26

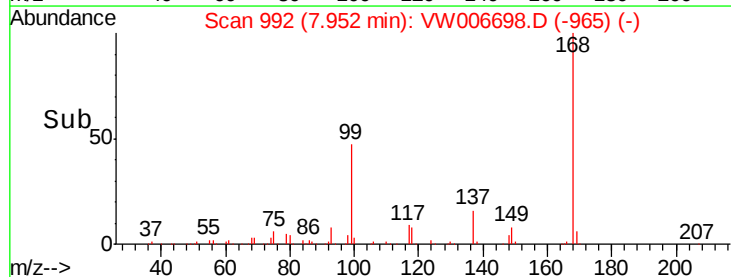
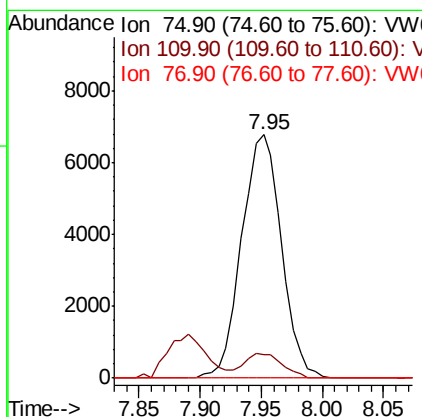
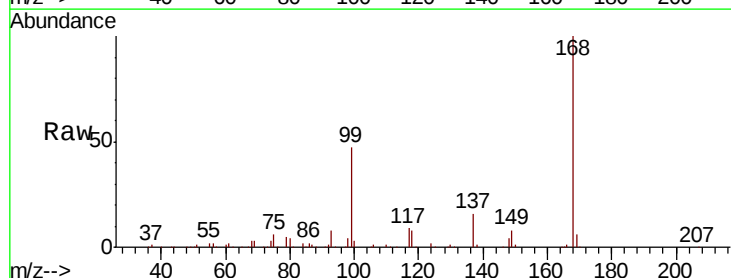
Instrument :
 MSVOA_W
 ClientSampleId :
 TP4-A

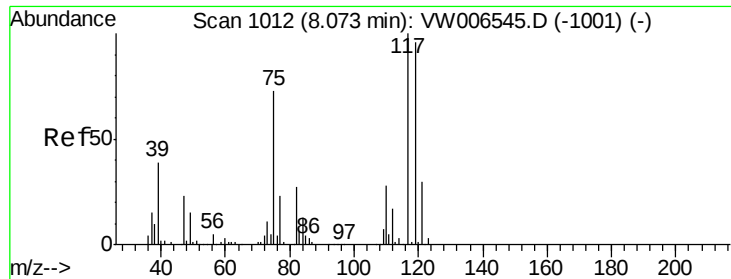
Tot Ion:113 Resp: 125474
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.457 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006698.D
 Acq: 06 Nov 2018 20:26

Tgt Ion: 75 Resp: 15287
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.869 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

TP4-A

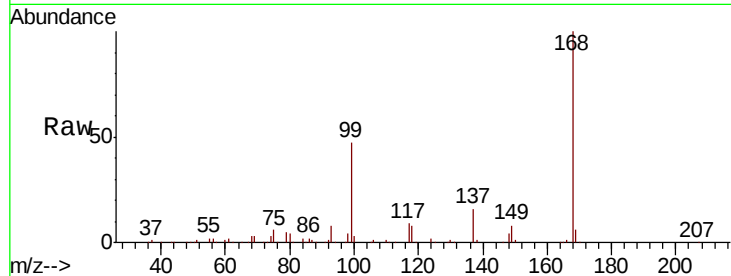
Tot Ion:117 Resp: 21036

Ion Ratio Lower Upper

117 100

119 5.5 76.3 114.5#

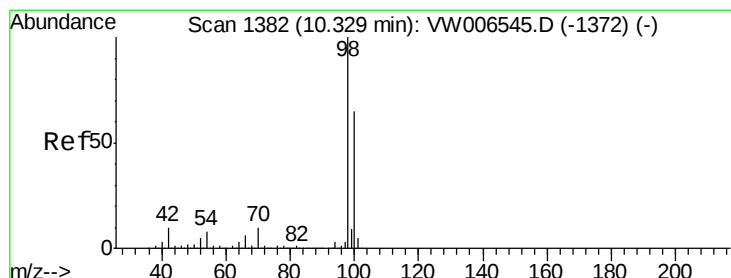
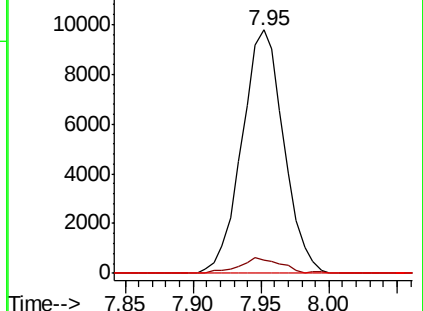
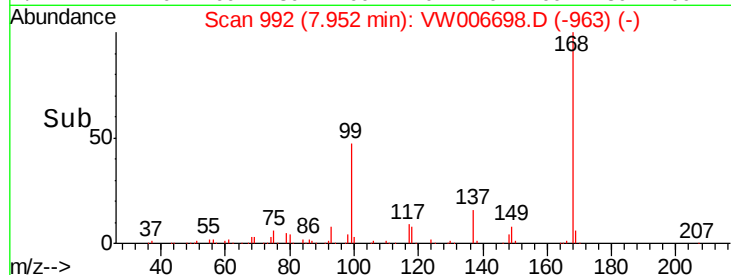
121 0.0 24.1 36.1#



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



#50

Toluene-d8

Concen: 48.867 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006698.D

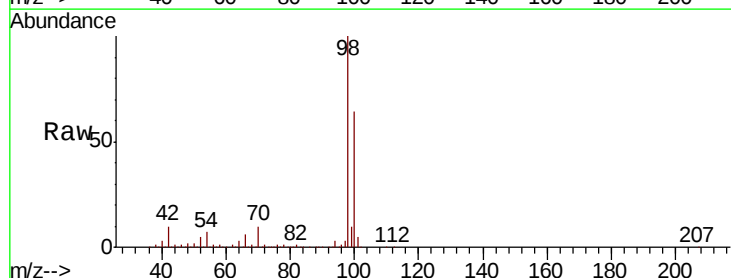
Acq: 06 Nov 2018 20:26

Tgt Ion: 98 Resp: 455391

Ion Ratio Lower Upper

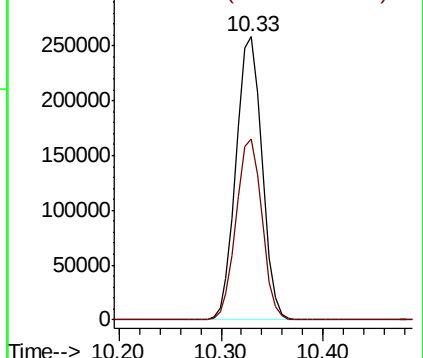
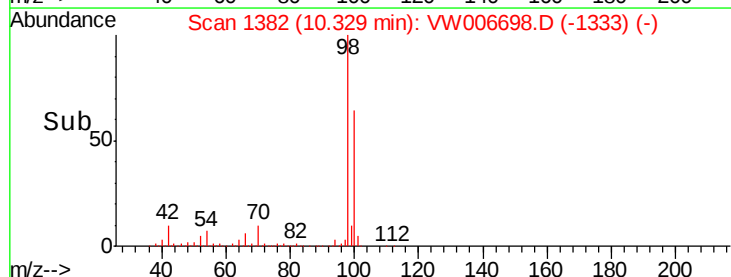
98 100

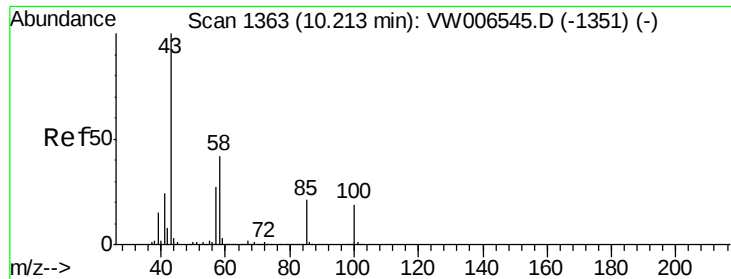
100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.345 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

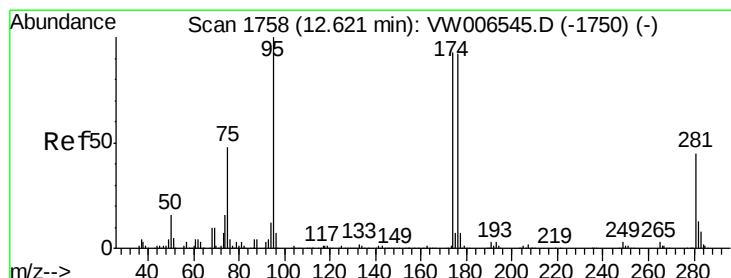
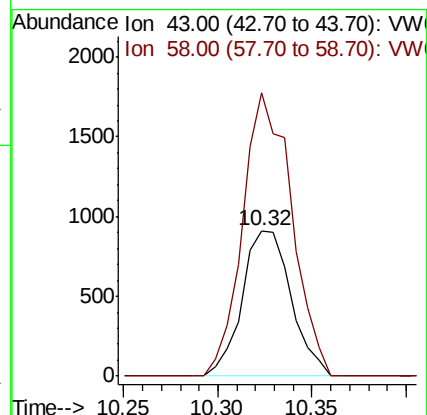
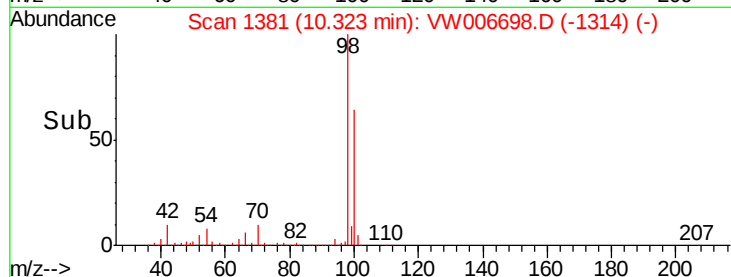
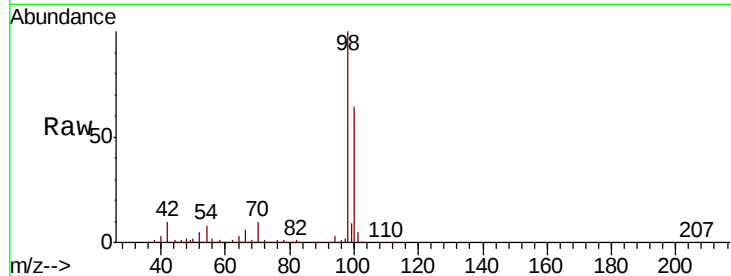
TP4-A

Tot Ion: 43 Resp: 1639

Ion Ratio Lower Upper

43 100

58 195.2 33.4 50.0#



#62

4-Bromofluorobenzene

Concen: 44.240 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

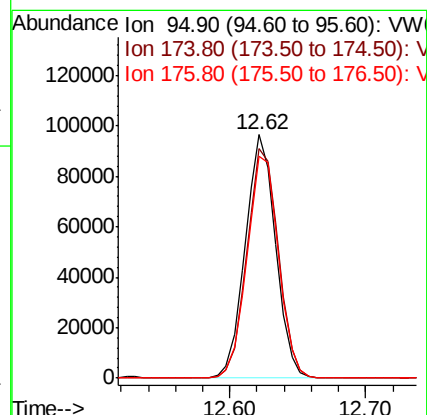
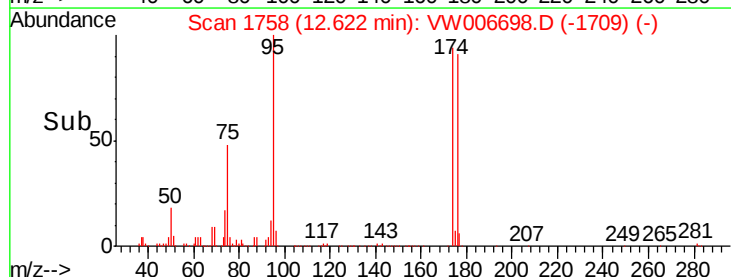
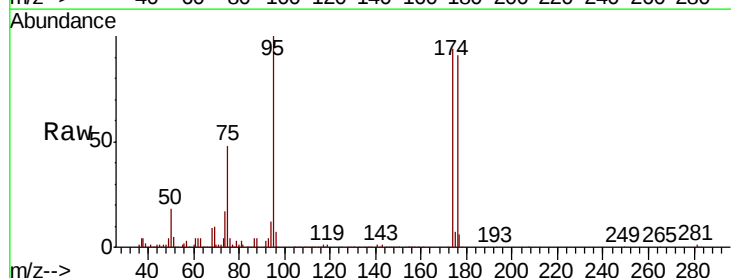
Tgt Ion: 95 Resp: 149463

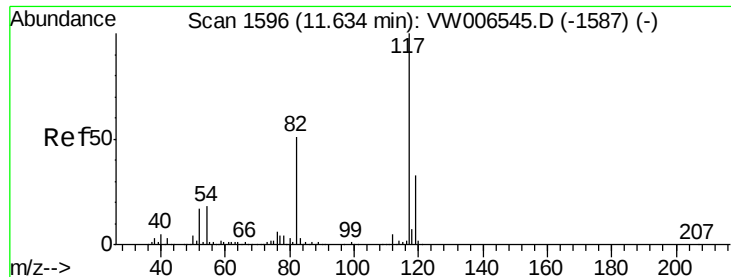
Ion Ratio Lower Upper

95 100

174 98.6 0.0 192.4

176 95.6 0.0 187.4

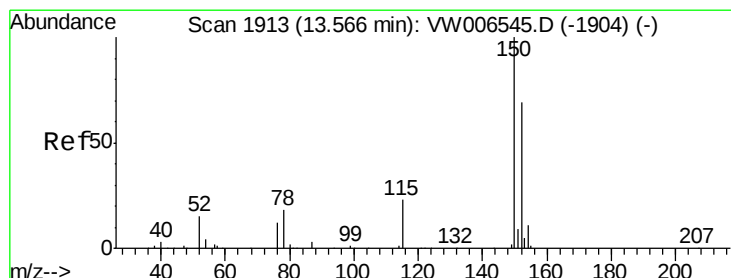
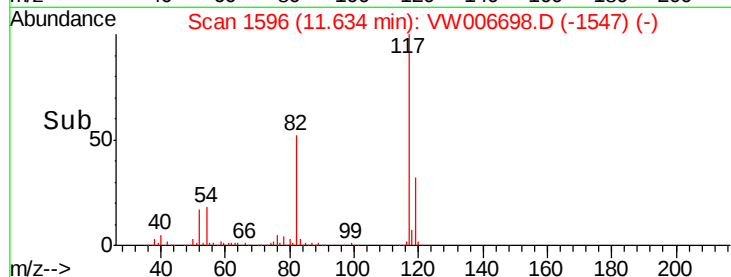
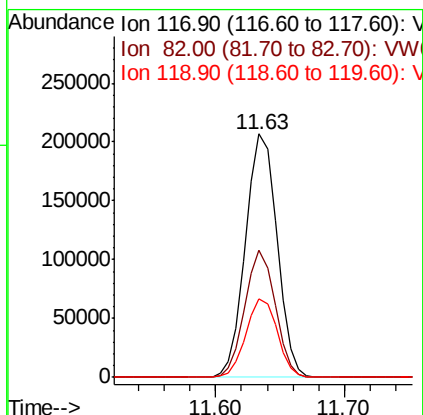
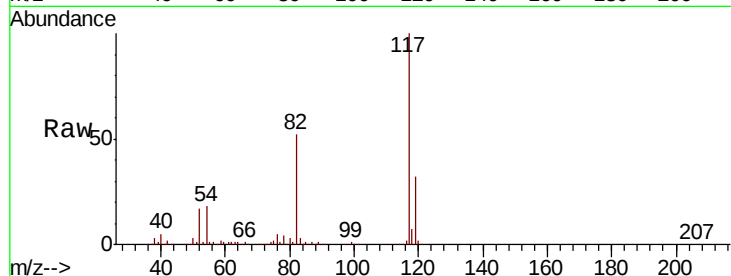




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

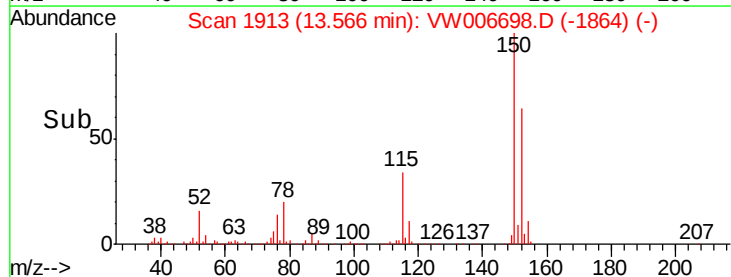
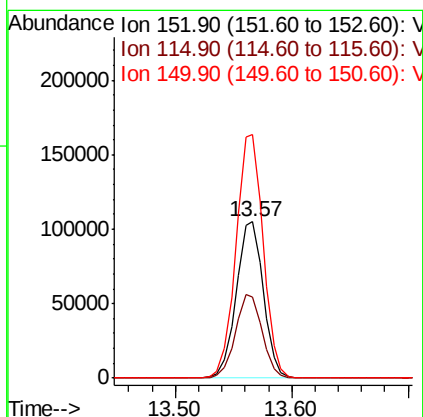
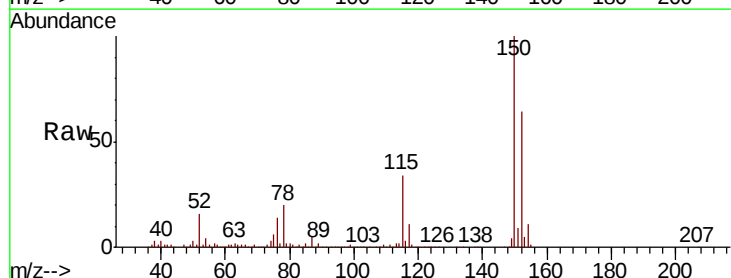
Instrument :
MSVOA_W
ClientSampled :
TP4-A

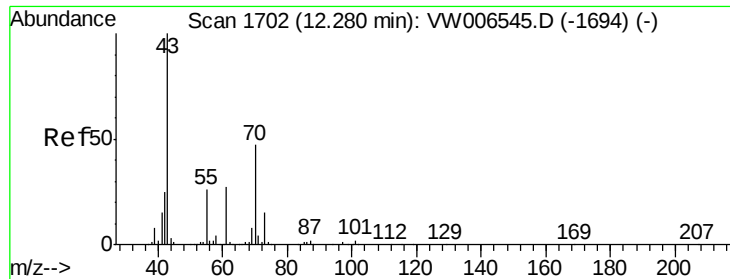
Tot Ion:117 Resp: 350601
Ion Ratio Lower Upper
117 100
82 52.1 40.8 61.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

Tgt Ion:152 Resp: 170502
Ion Ratio Lower Upper
152 100
115 52.9 26.6 79.8
150 155.9 0.0 344.6

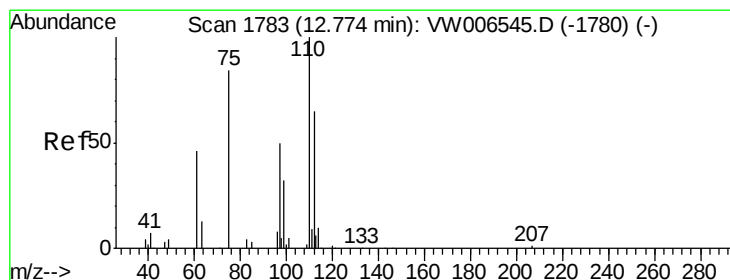
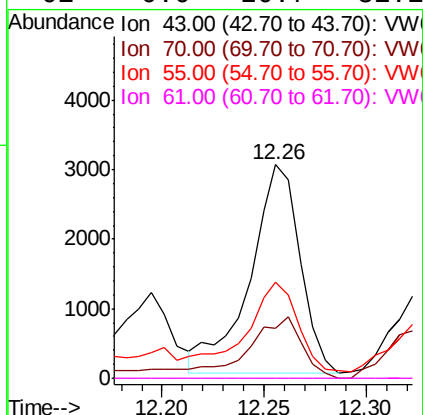
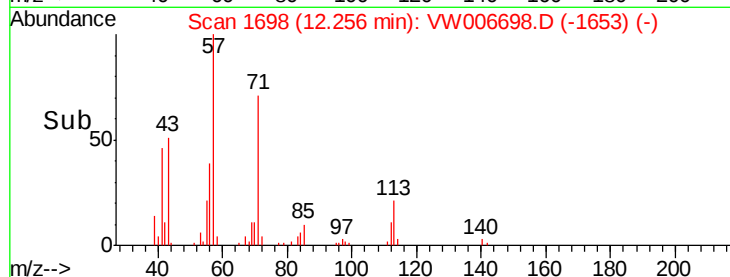
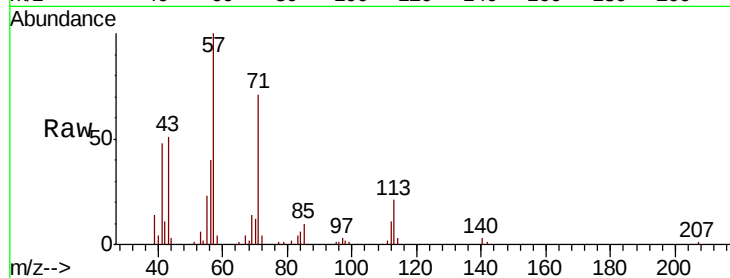




#74
N-amvl acetate
Concen: 2.651 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

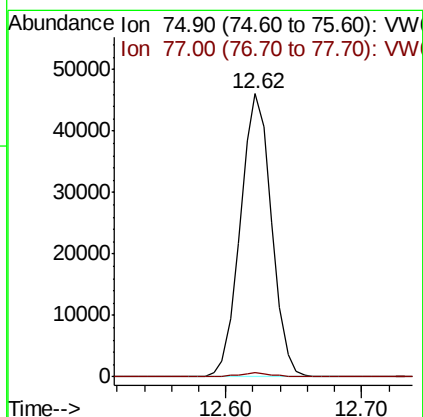
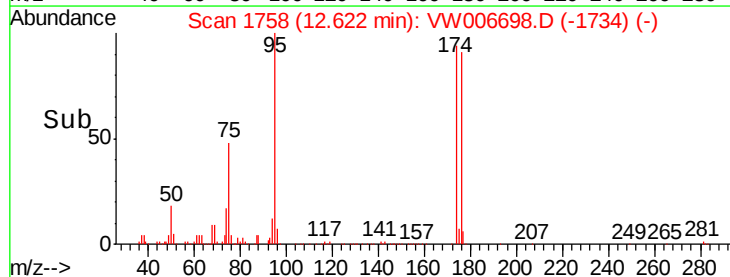
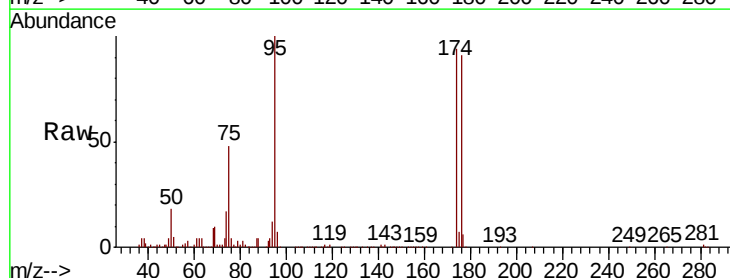
Instrument :
MSVOA_W
ClientSampleId :
TP4-A

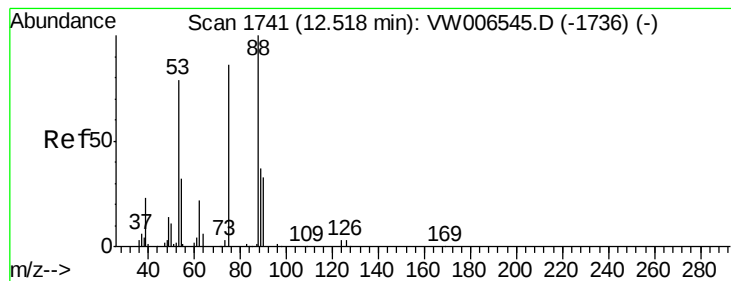
Tot Ion: 43 Resp: 5145
Ion Ratio Lower Upper
43 100
70 32.1 36.9 55.3#
55 44.6 20.7 31.1#
61 0.0 20.7 31.1#



#76
1,2,3-Trichloropropane
Concen: 55.336 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006698.D
Acq: 06 Nov 2018 20:26

Tgt Ion: 75 Resp: 73614
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 138.340 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006698.D

Acq: 06 Nov 2018 20:26

Instrument :

MSVOA_W

ClientSampleId :

TP4-A

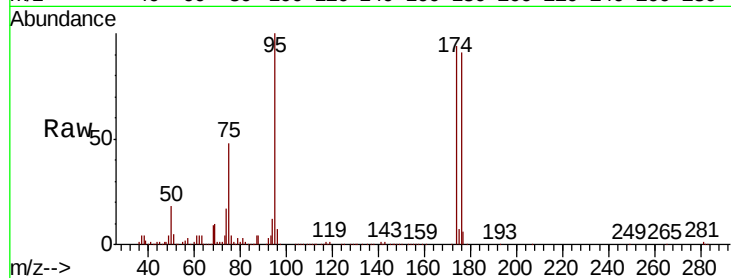
Tot Ion: 75 Resp: 73614

Ion Ratio Lower Upper

75 100

53 0.3 77.2 115.8#

89 0.0 38.6 58.0#



Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

