

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006727.D
 Acq On : 07 Nov 2018 10:39
 Operator : SY/AP
 Sample : J5815-01RE
 Misc : 5.69G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R37719-RTRE

Quant Time: Nov 07 11:38:34 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

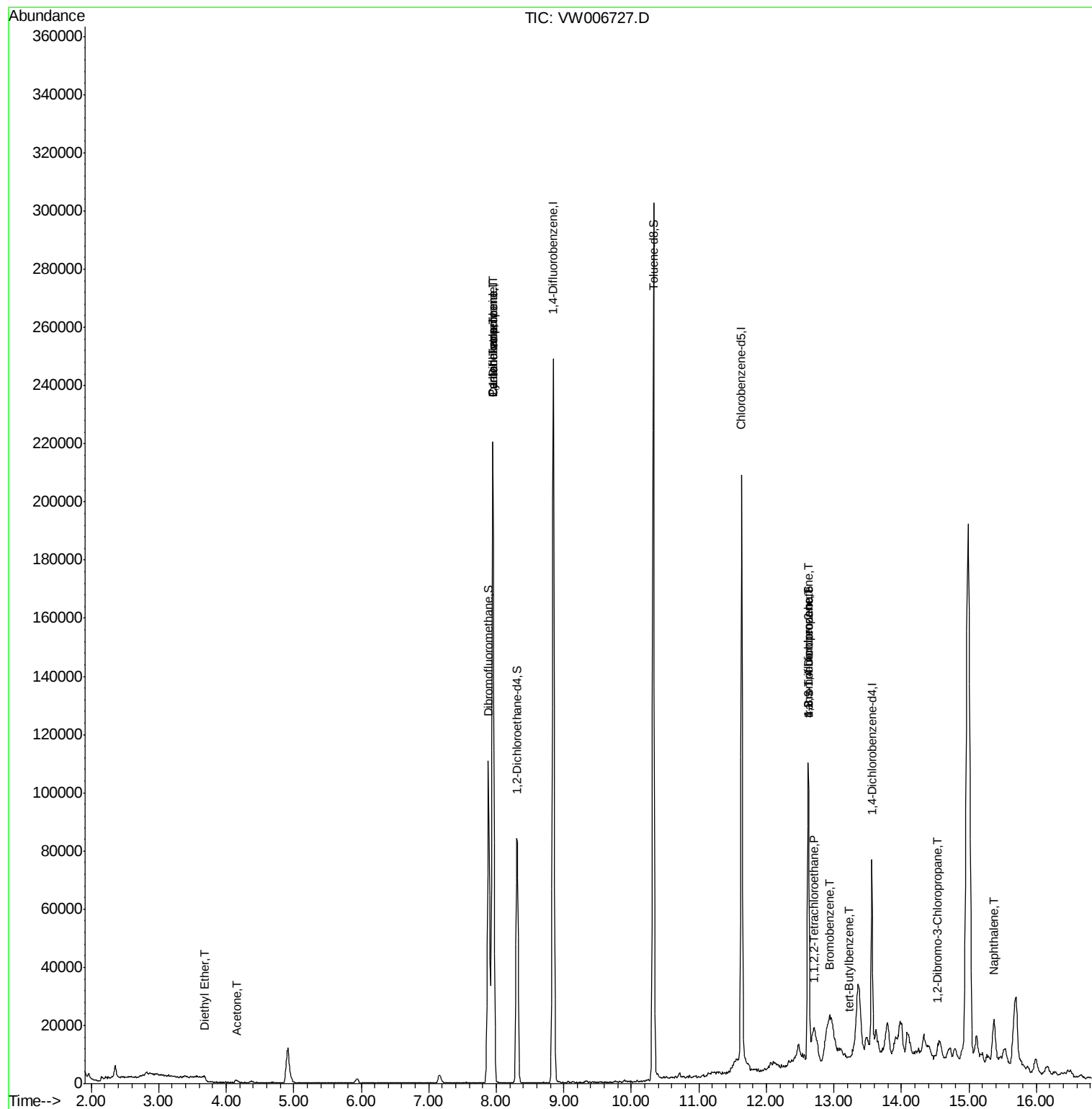
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	178394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	228267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67273	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	7.88	113	76418	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.32	98	214248	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	
62) 4-Bromofluorobenzene	12.62	95	31175	15.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.54%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1155	1.498	ug/l	82
16) Acetone	4.15	43	1947	7.864	ug/l	96
31) Cyclohexane	7.95	56	3065	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11079	5.519	ug/l #	48
38) Carbon Tetrachloride	7.95	117	15760	7.513	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	12.70	83	3314	17.115	ug/l #	28
76) 1,2,3-Trichloropropane	12.62	75	15219	104.814	ug/l #	100
77) Bromobenzene	12.94	156	24492	77.162	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	15219	259.654	ug/l #	12
83) tert-Butylbenzene	13.22	119	1327	1.445	ug/l #	31
92) 1,2-Dibromo-3-Chloropropan	14.53	75	41	1.305	ug/l #	1
95) Naphthalene	15.37	128	727	1.082	ug/l #	40

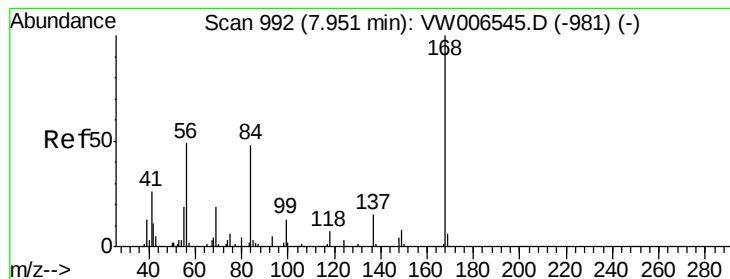
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006727.D

Acq: 07 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

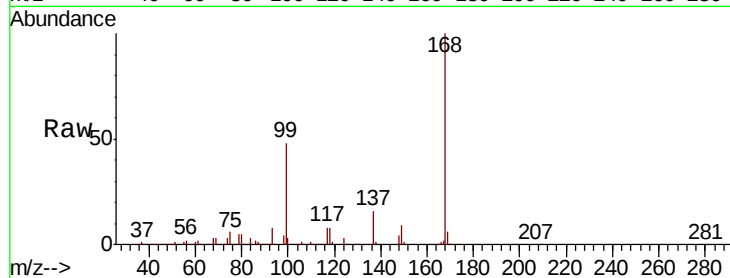
HL-R37719-RTRE

Tot Ion:168 Resp: 178394

Ion Ratio Lower Upper

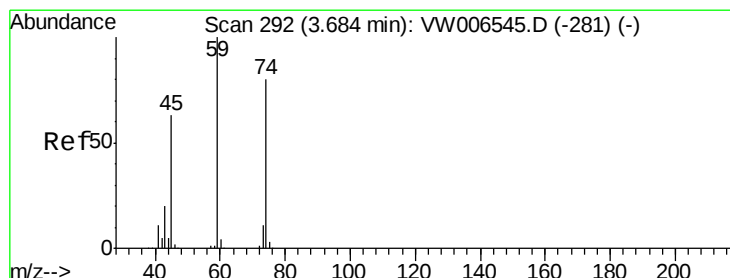
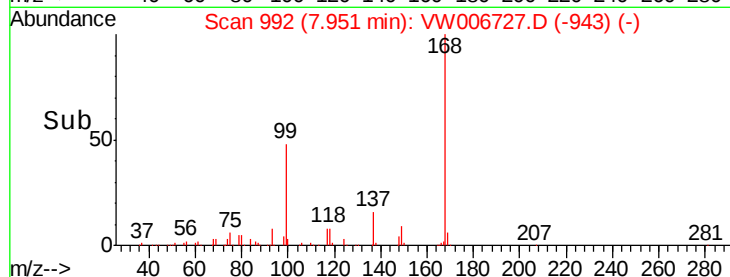
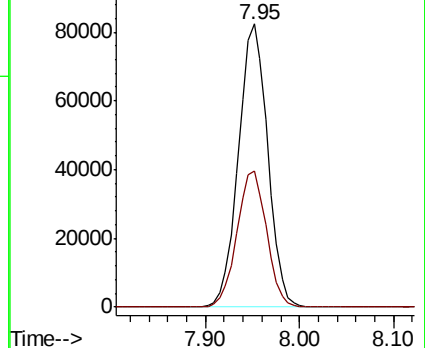
168 100

99 48.2 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: 1.498 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006727.D

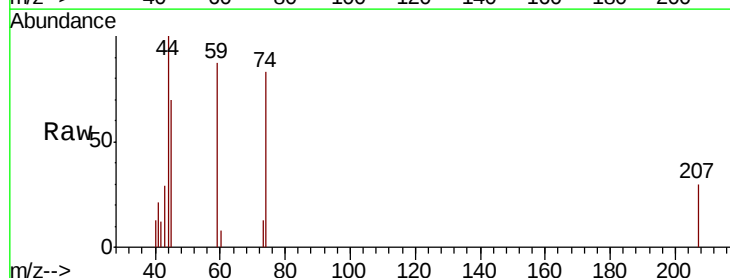
Acq: 07 Nov 2018 10:39

Tgt Ion: 74 Resp: 1155

Ion Ratio Lower Upper

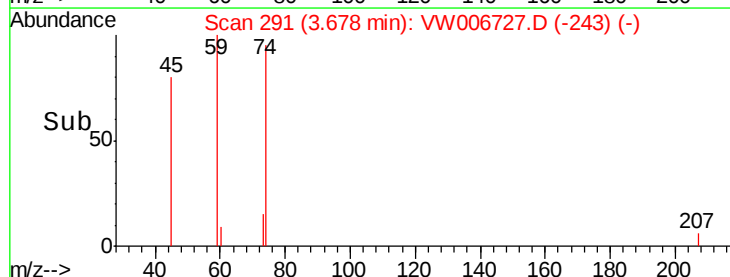
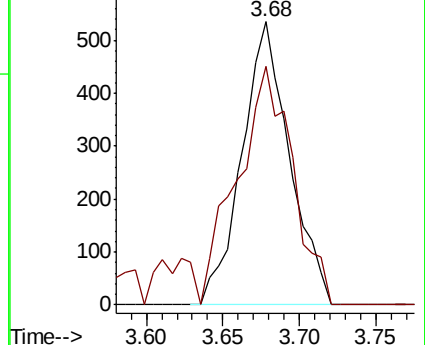
74 100

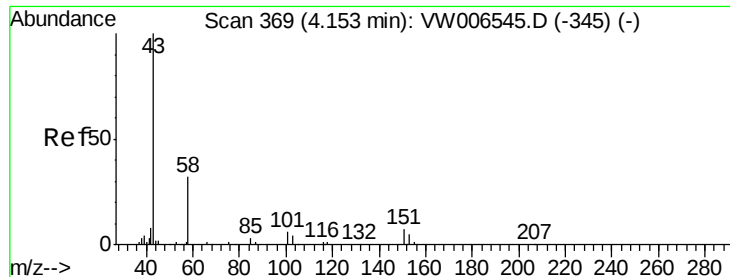
45 98.4 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

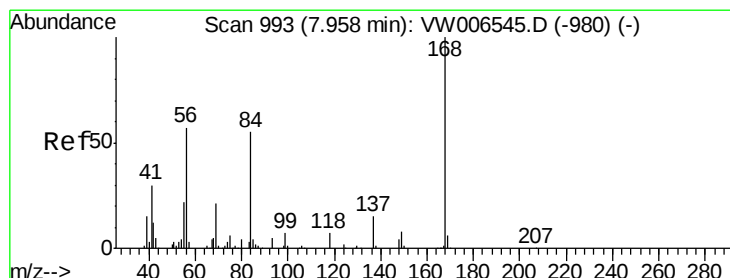
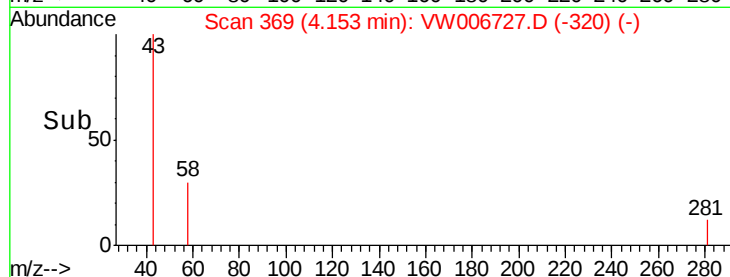
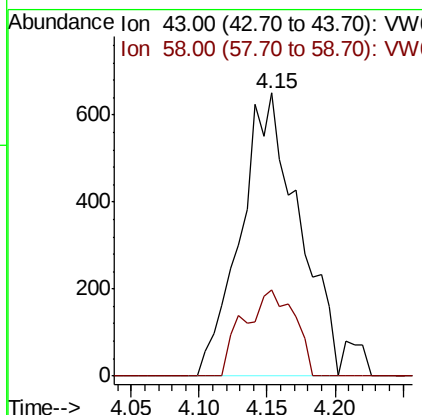
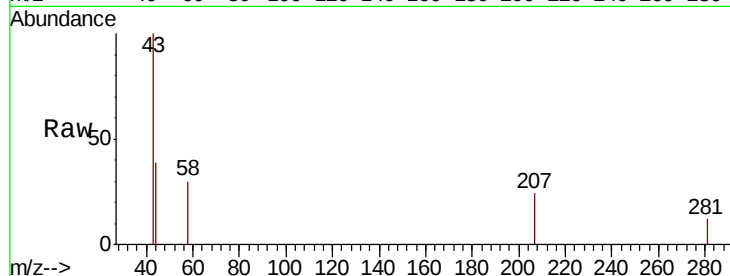




#16
Acetone
Concen: 7.864 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.00 min
Lab File: VW006727.D
Acq: 07 Nov 2018 10:39

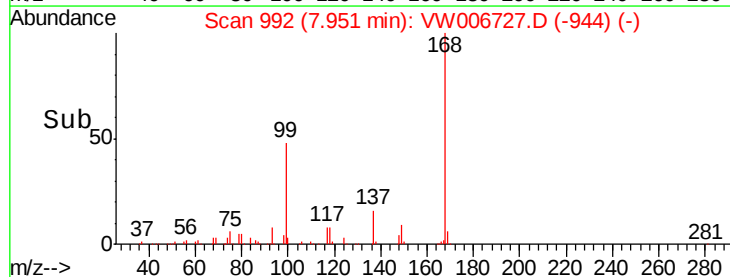
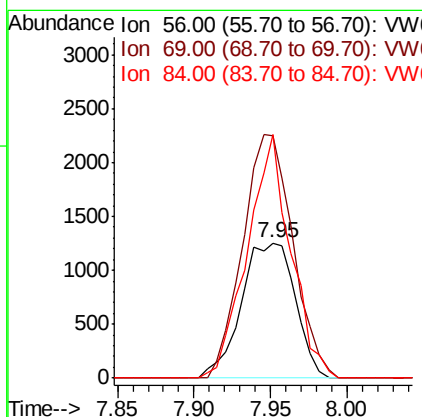
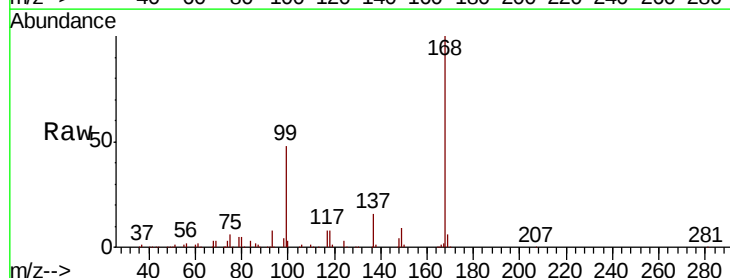
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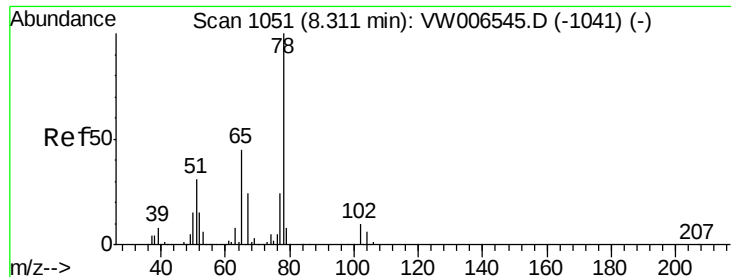
Tot Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.8



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006727.D
Acq: 07 Nov 2018 10:39

Tgt Ion: 56 Resp: 3065
Ion Ratio Lower Upper
56 100
69 178.9 29.0 43.4#
84 180.1 77.8 116.6#

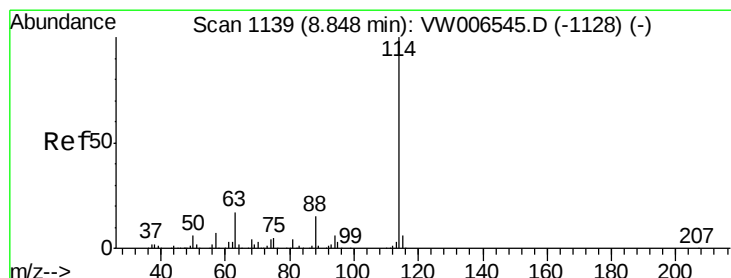
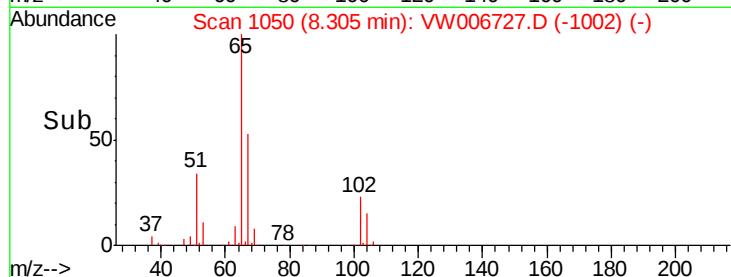
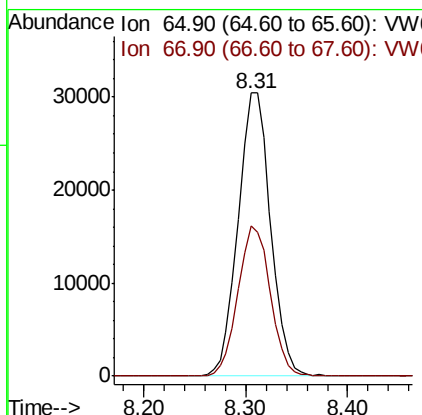
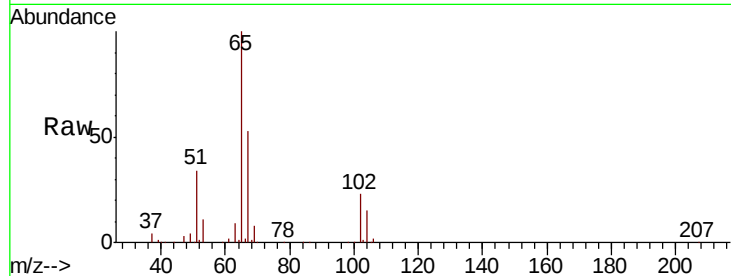




#33
 1,2-Dichloroethane-d4
 Concen: 43.870 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

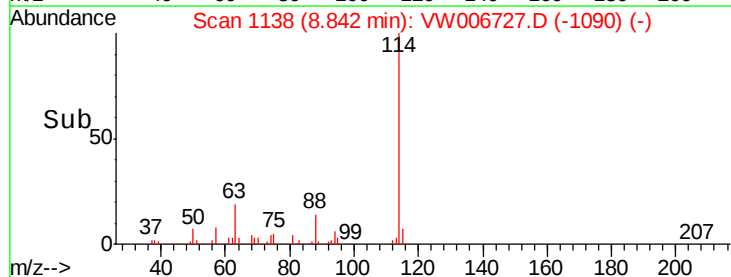
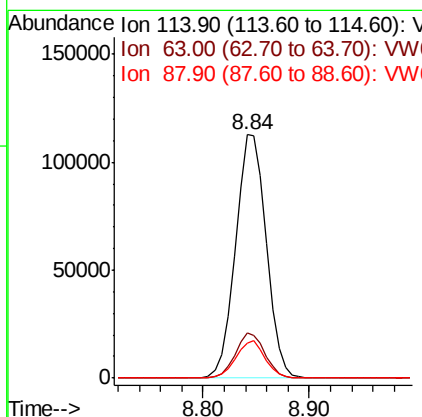
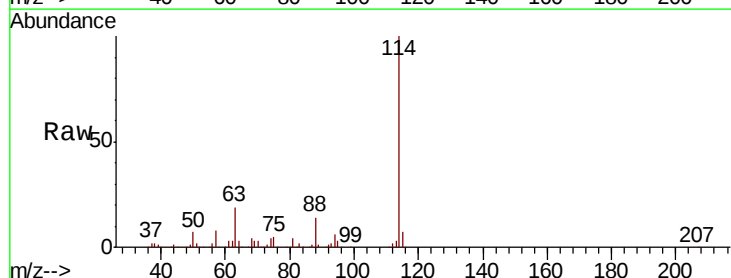
Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R37719-RTRE

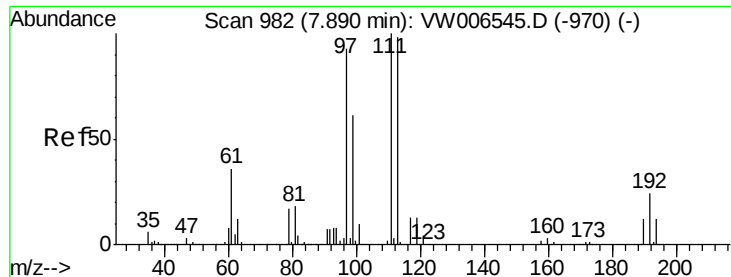
Tot Ion: 65 Resp: 67273
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

Tgt Ion: 114 Resp: 228267
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.4
 88 14.2 0.0 29.0

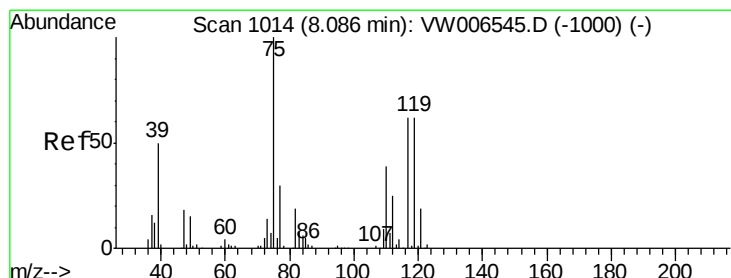
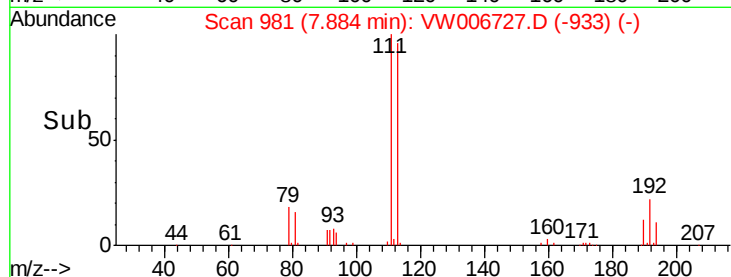
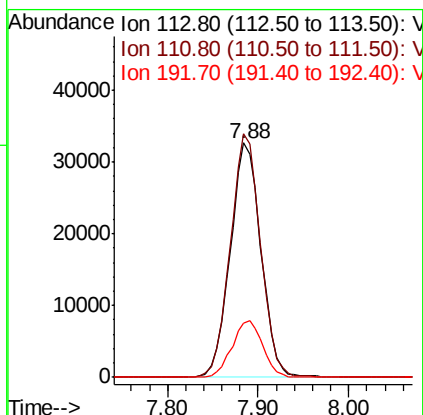
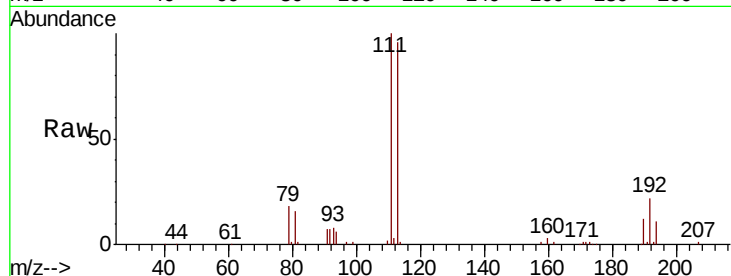




#35
 Dibromofluoromethane
 Concen: 53.344 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

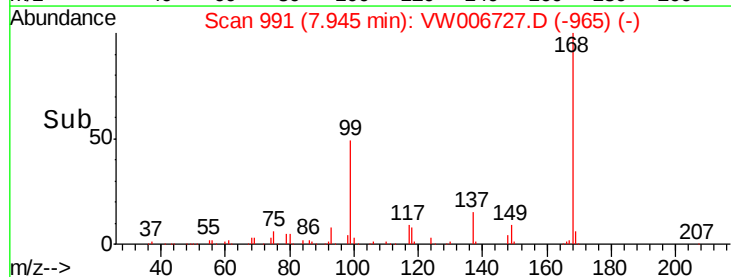
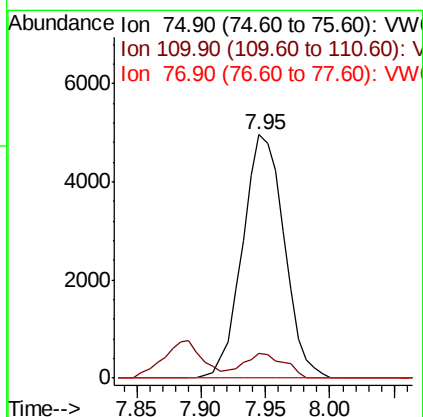
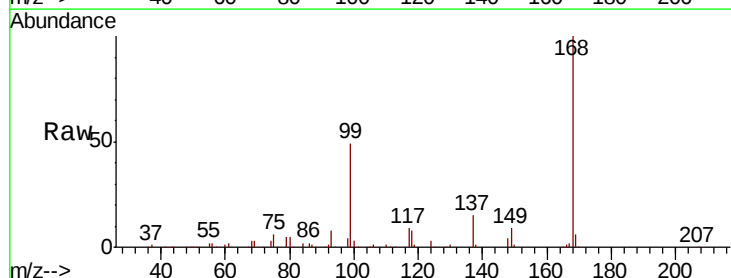
Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R37719-RTRE

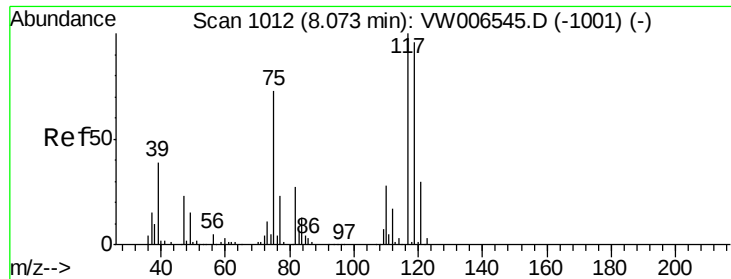
Tot Ion:113 Resp: 76418
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 24.0 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.519 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

Tgt Ion: 75 Resp: 11079
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.5 58.5#
 77 0.0 24.6 37.0#

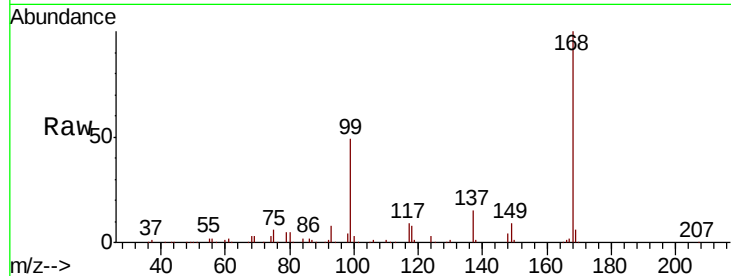




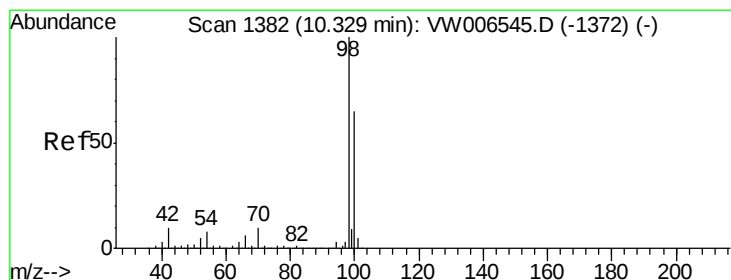
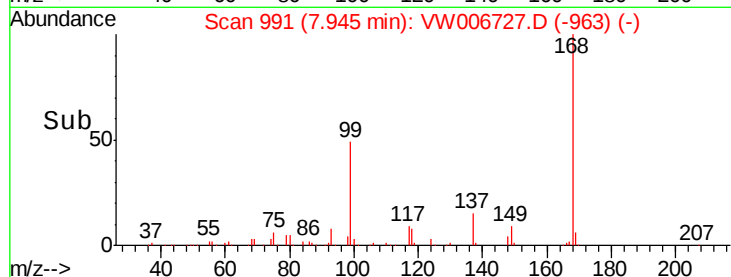
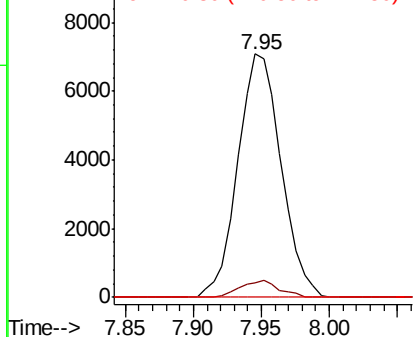
#38
Carbon Tetrachloride
Concen: 7.513 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006727.D
Acq: 07 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
HL-R37719-RTRE

Tot Ion:117 Resp: 15760
Ion Ratio Lower Upper
117 100
119 5.7 76.3 114.5#
121 0.0 24.1 36.1#

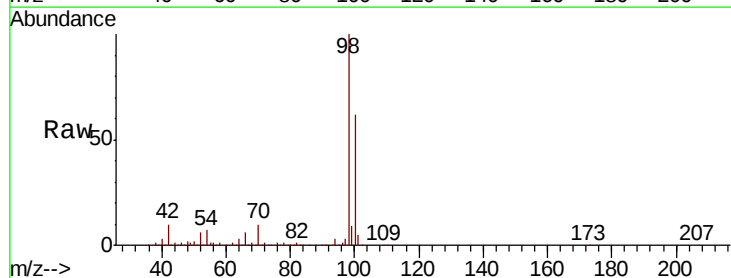


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

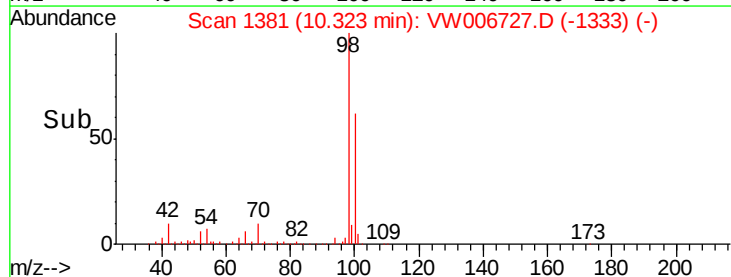
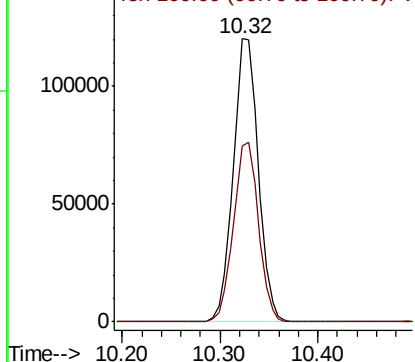


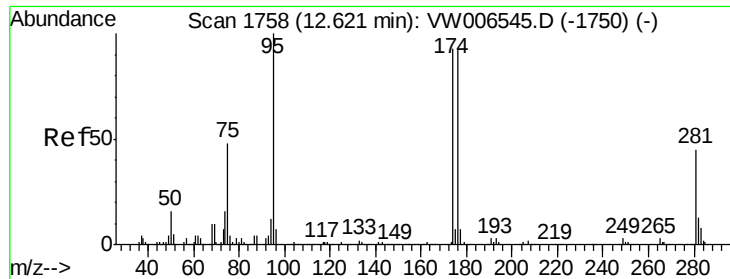
#50
Toluene-d8
Concen: 39.286 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006727.D
Acq: 07 Nov 2018 10:39

Tgt Ion: 98 Resp: 214248
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

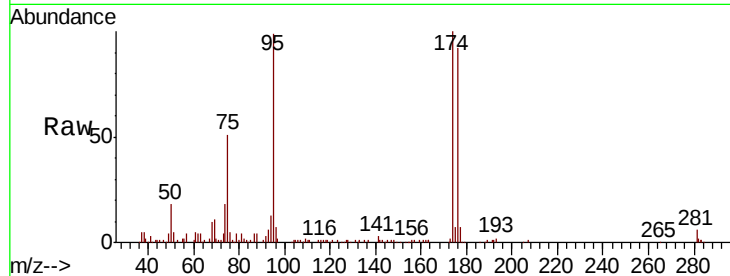




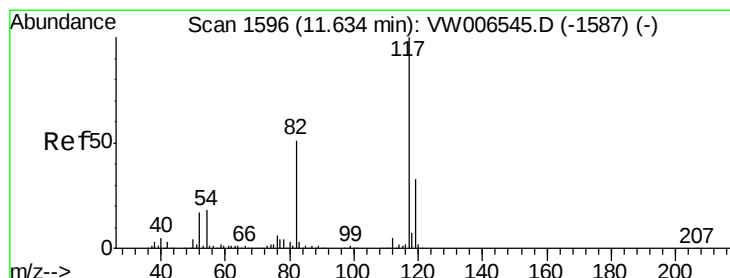
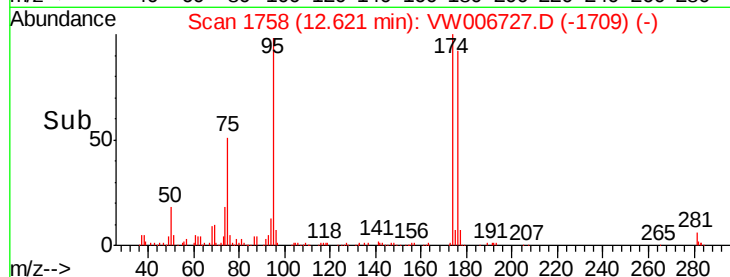
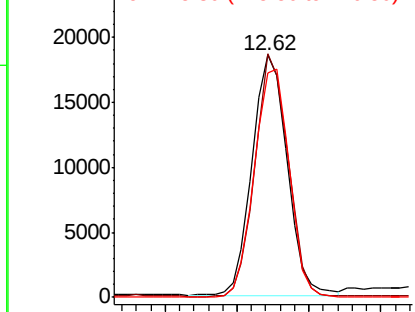
#62
4-Bromofluorobenzene
Concen: 15.768 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006727.D
Acq: 07 Nov 2018 10:39

Instrument :
MSVOA_W
ClientSampleId :
HL-R37719-RTRE

Tot Ion: 95 Resp: 31175
Ion Ratio Lower Upper
95 100
174 95.9 0.0 192.4
176 94.4 0.0 187.4

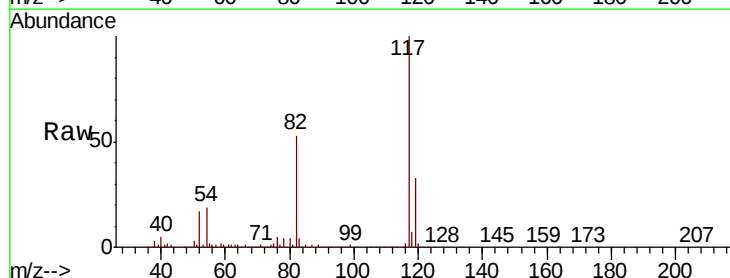


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

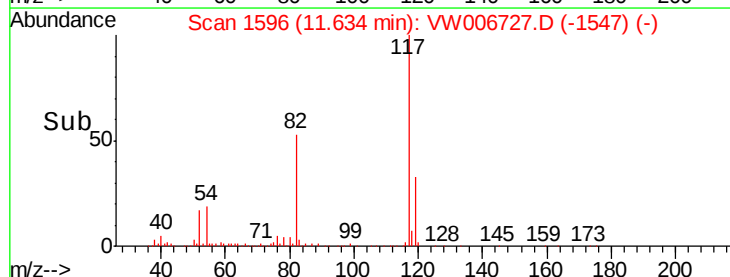
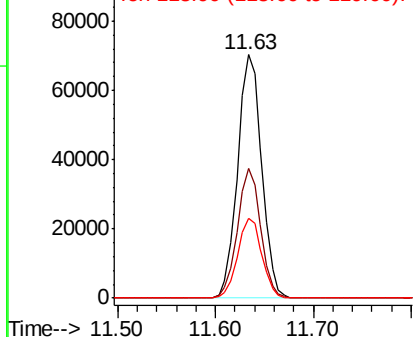


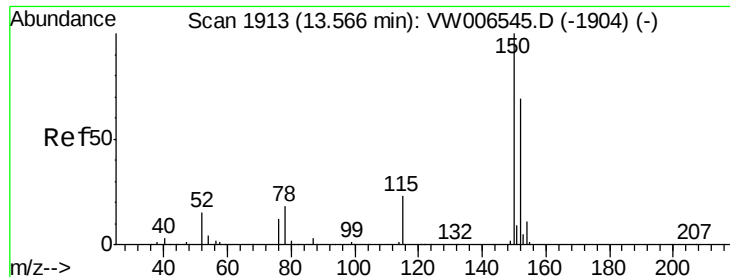
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006727.D
Acq: 07 Nov 2018 10:39

Tgt Ion: 117 Resp: 120269
Ion Ratio Lower Upper
117 100
82 52.9 40.8 61.2
119 32.7 26.1 39.1



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006727.D

Acq: 07 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

HL-R37719-RTRE

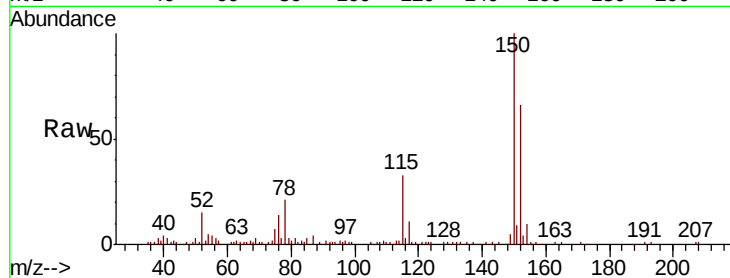
Tot Ion:152 Resp: 18610

Ion Ratio Lower Upper

152 100

115 56.1 26.6 79.8

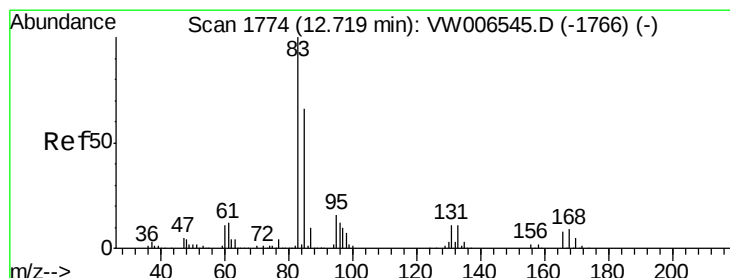
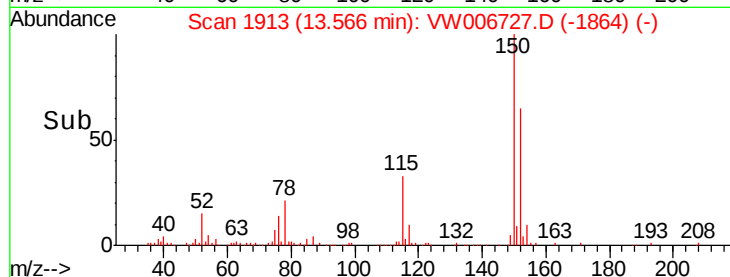
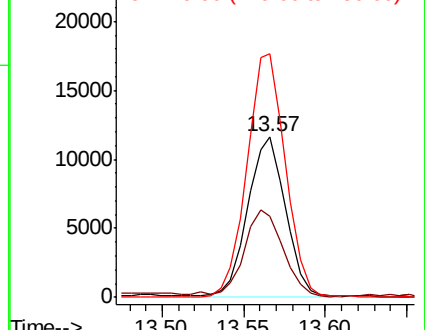
150 155.9 0.0 344.6



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



#75

1,1,2,2-Tetrachloroethane

Concen: 17.115 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW006727.D

Acq: 07 Nov 2018 10:39

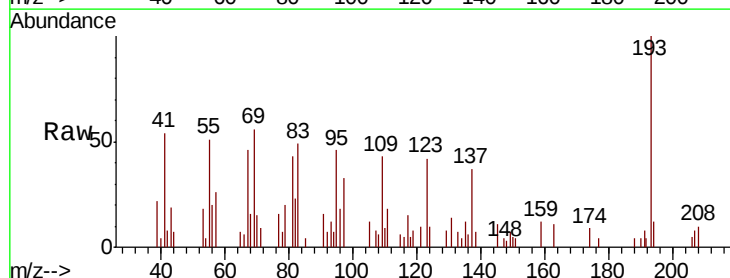
Tgt Ion: 83 Resp: 3314

Ion Ratio Lower Upper

83 100

131 6.1 5.9 17.7

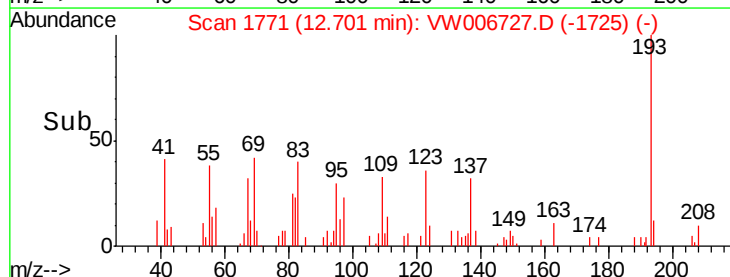
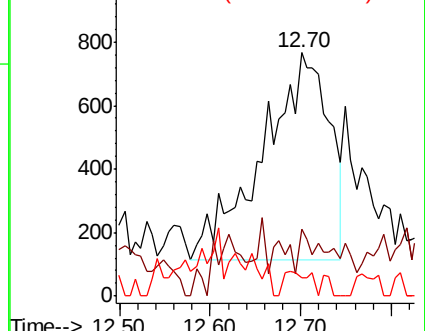
85 0.0 32.3 96.8#

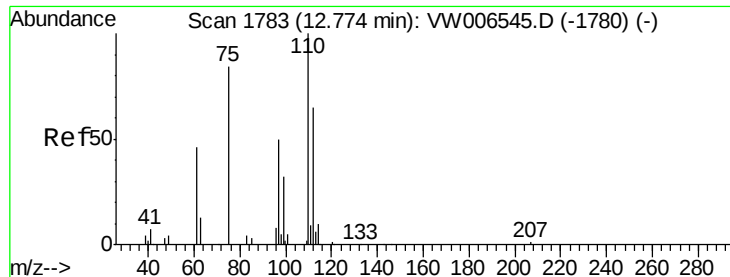


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

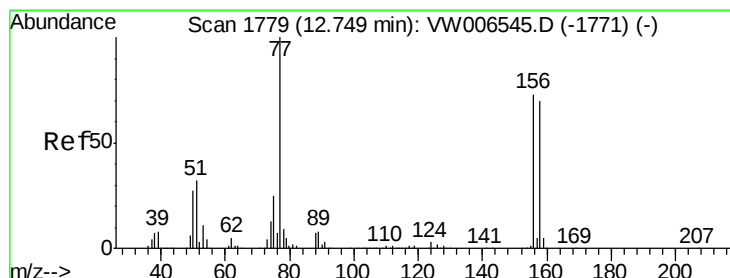
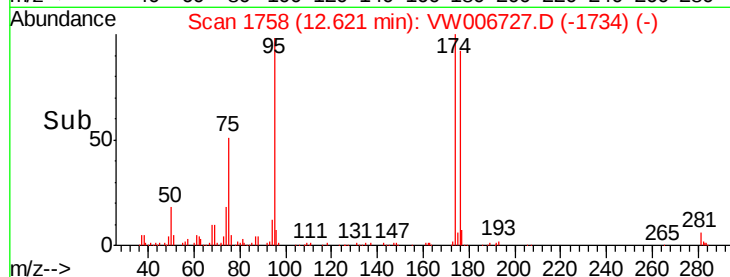
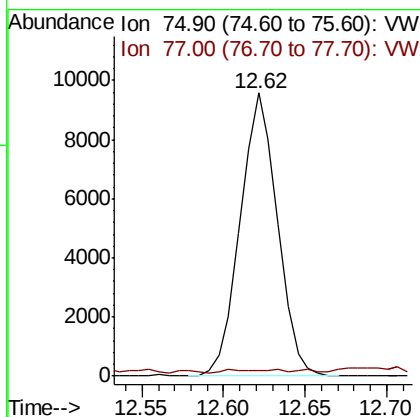
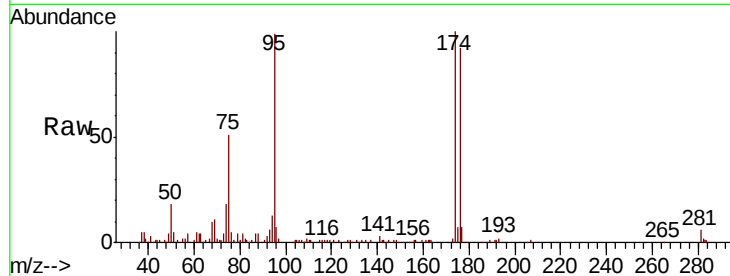




#76
 1,2,3-Trichloropropane
 Concen: 104.814 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

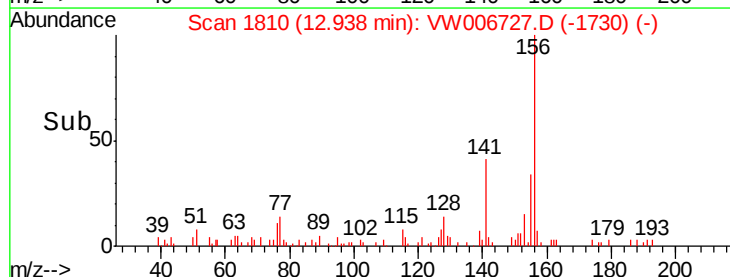
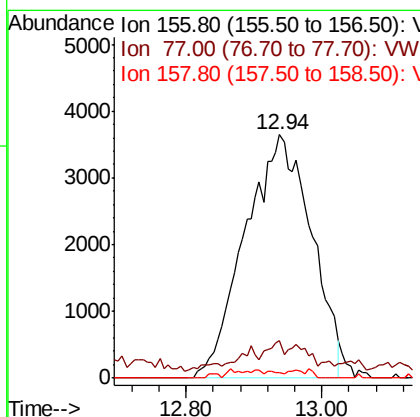
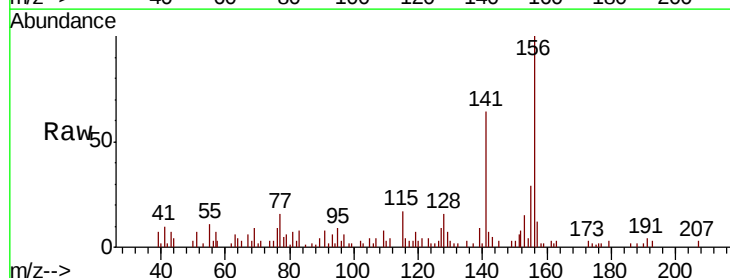
Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R37719-RTRE

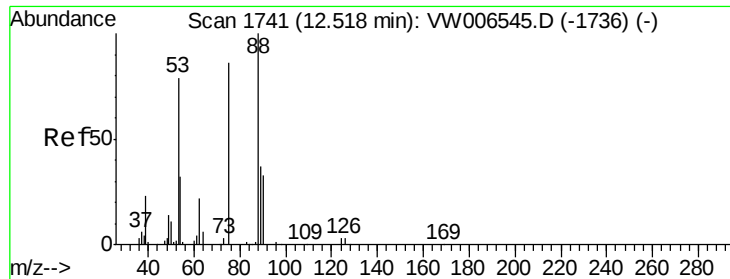
Tot Ion: 75 Resp: 15219
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#77
 Bromobenzene
 Concen: 77.162 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.19 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

Tgt Ion: 156 Resp: 24492
 Ion Ratio Lower Upper
 156 100
 77 2.4 75.9 227.8#
 158 0.0 48.6 145.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 259.654 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006727.D

Acq: 07 Nov 2018 10:39

Instrument :

MSVOA_W

ClientSampleId :

HL-R37719-RTRE

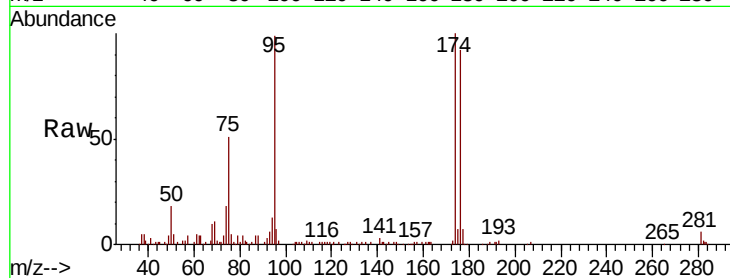
Tot Ion: 75 Resp: 15219

Ion Ratio Lower Upper

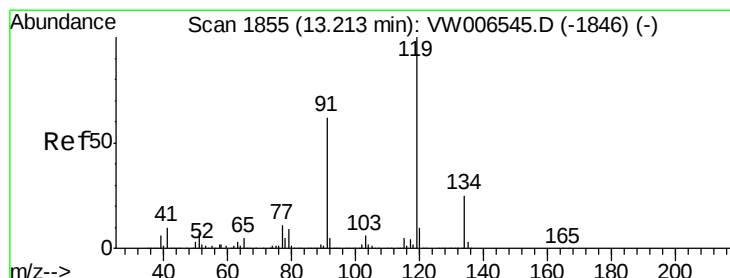
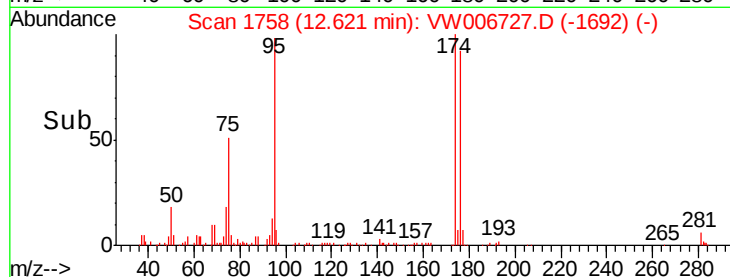
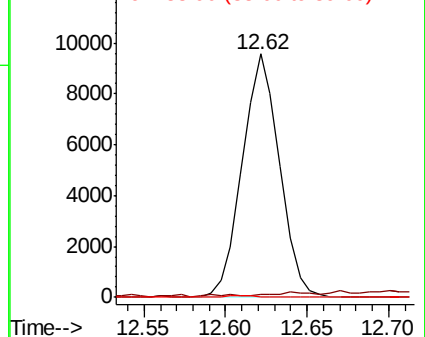
75 100

53 1.7 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



#83

tert-Butylbenzene

Concen: 1.445 ug/l

RT: 13.22 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VW006727.D

Acq: 07 Nov 2018 10:39

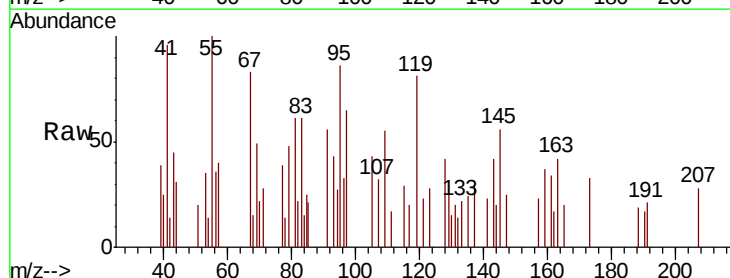
Tgt Ion: 119 Resp: 1327

Ion Ratio Lower Upper

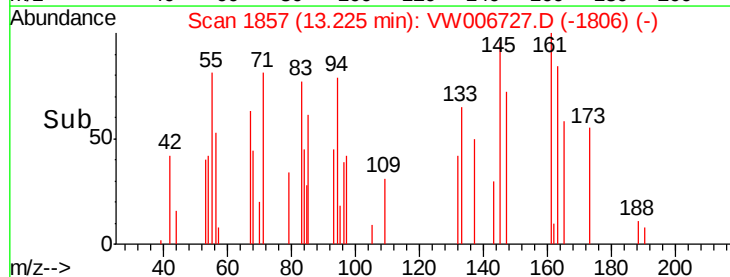
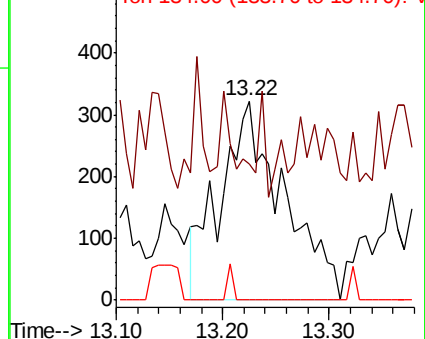
119 100

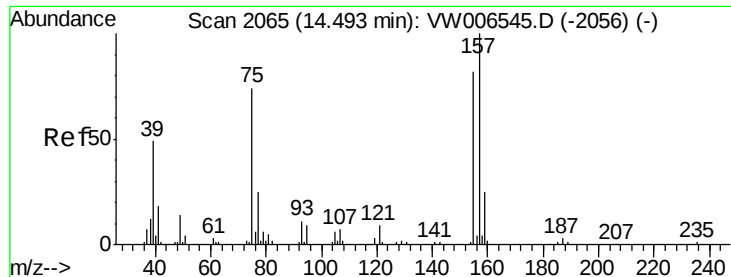
91 2.1 30.4 91.3#

134 0.0 13.5 40.4#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VW
Ion 134.00 (133.70 to 134.70): V

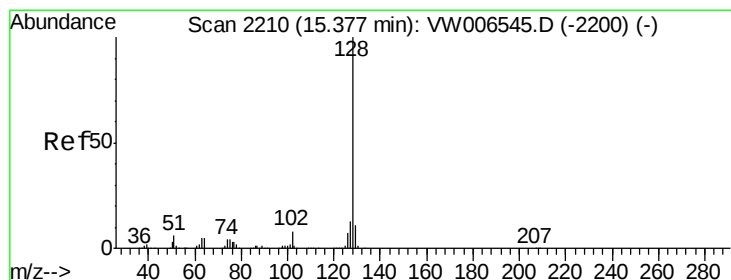
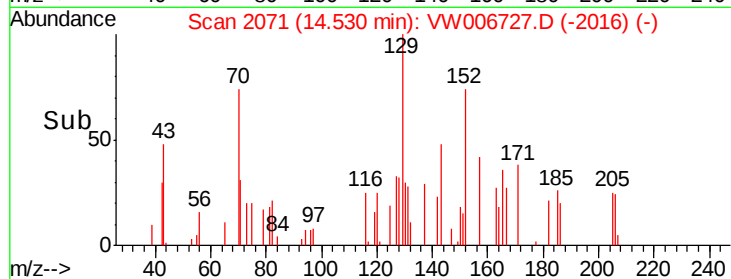
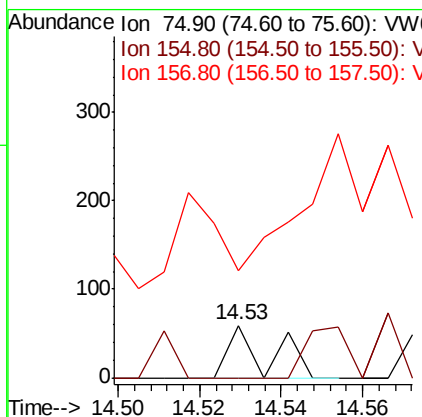
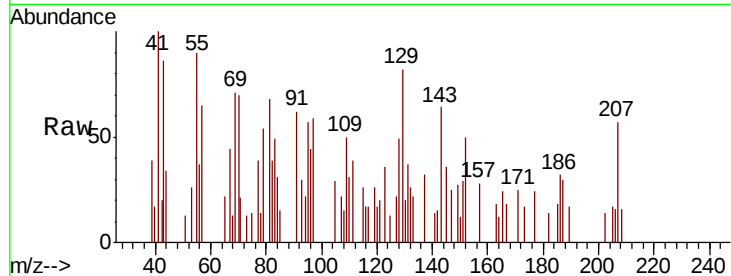




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.305 ug/l
 RT: 14.53 min Scan# 2071
 Delta R.T. 0.04 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R37719-RTRE

Tot Ion: 75 Resp: 41
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.6 151.8#
 157 826.8 65.0 195.0#



#95
 Naphthalene
 Concen: 1.082 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW006727.D
 Acq: 07 Nov 2018 10:39

Tgt Ion: 128 Resp: 727
 Ion Ratio Lower Upper
 128 100
 127 44.2 10.3 15.5#
 129 24.9 8.7 13.1#

