

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006719.D
 Acq On : 07 Nov 2018 07:12
 Operator : SY/AP
 Sample : J5772-01
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-110518

Quant Time: Nov 07 11:34:22 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

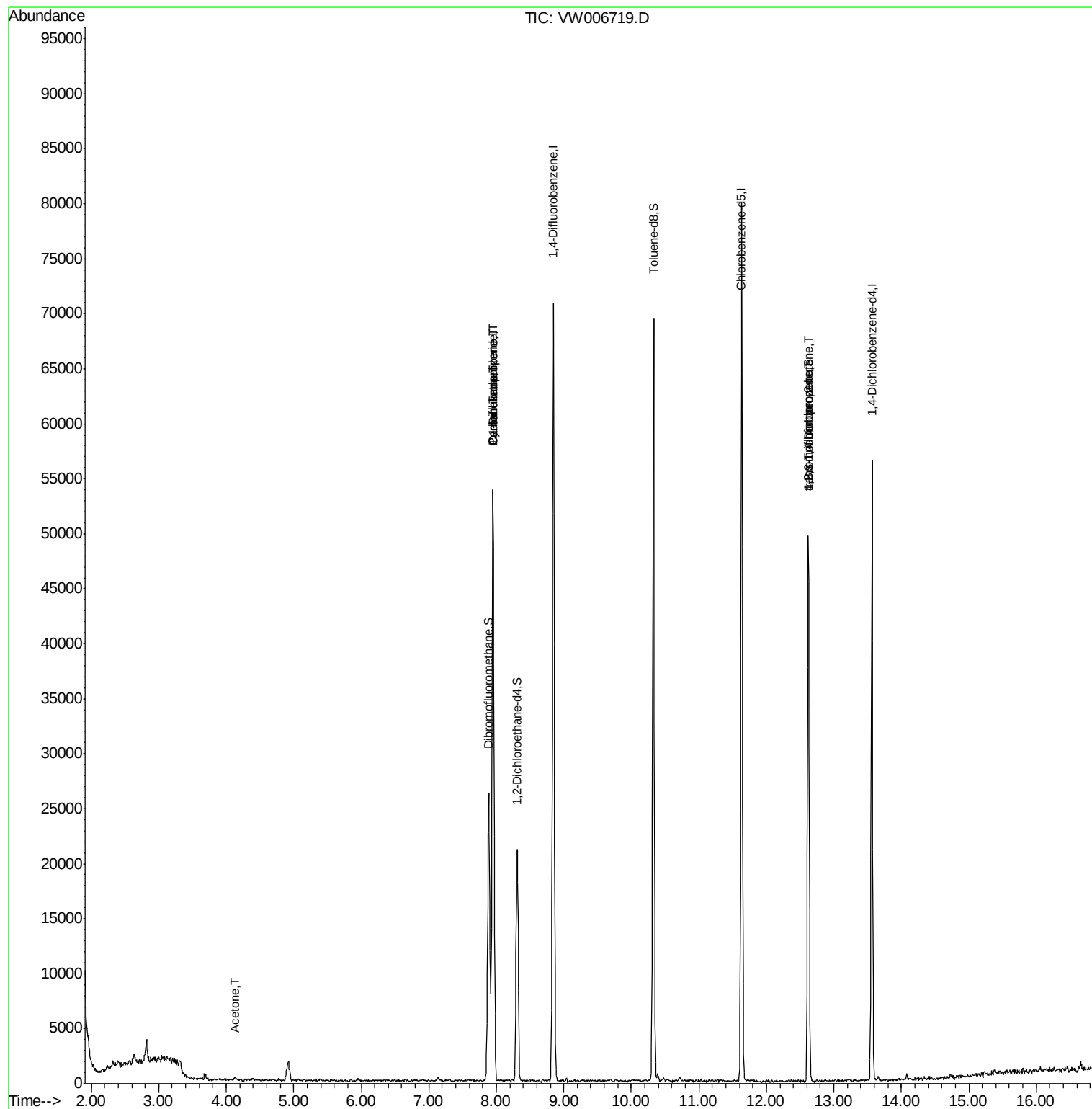
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	63099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	16678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	17135	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
35) Dibromofluoromethane	7.88	113	18408	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.33	98	47433	31.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.92%	
62) 4-Bromofluorobenzene	12.62	95	15454	28.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.56%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	500	8.172	ug/l #	42
20) Methylene Chloride	4.92	84	1480	Below Cal	#	81
31) Cyclohexane	7.95	56	746	1.236	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	2819	5.080	ug/l #	48
38) Carbon Tetrachloride	7.95	117	3858	6.654	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	7512	57.728	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	7512	144.205	ug/l #	11

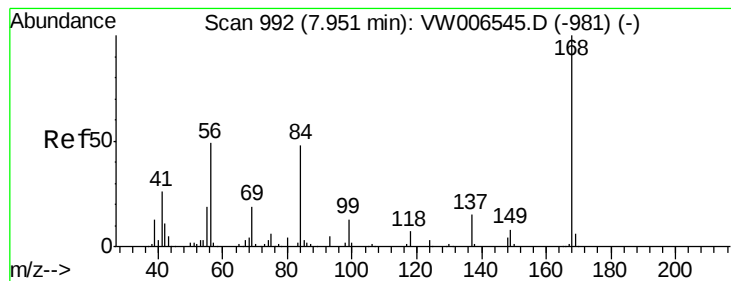
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006719.D

Acq: 07 Nov 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

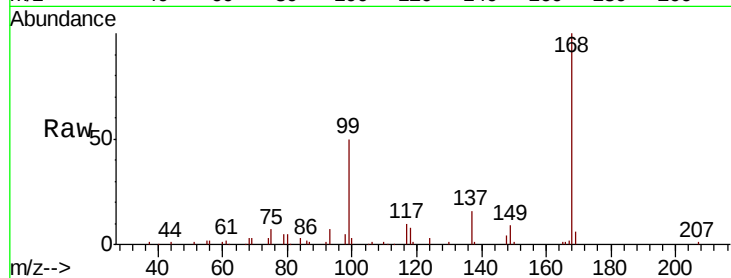
PL-05-110518

Tot Ion:168 Resp: 44089

Ion Ratio Lower Upper

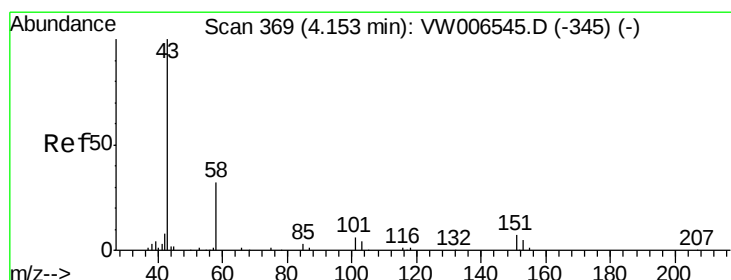
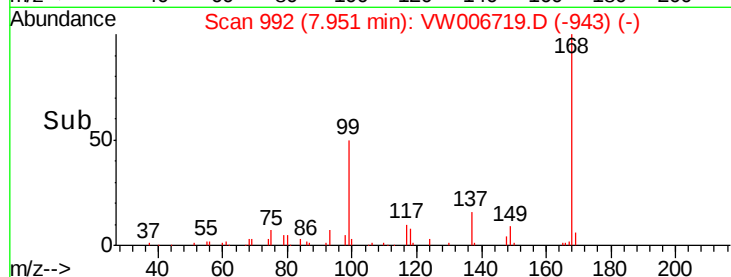
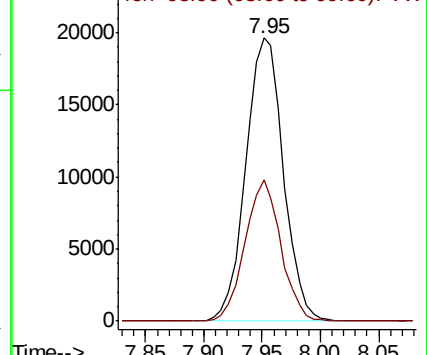
168 100

99 49.7 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.172 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006719.D

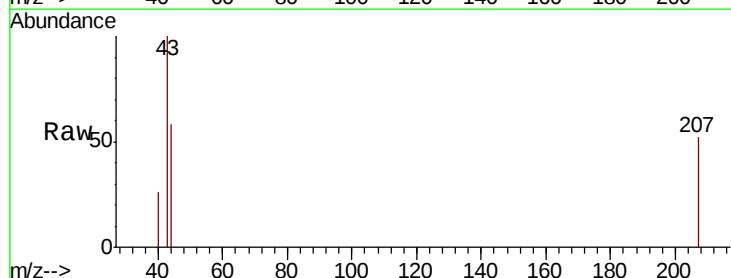
Acq: 07 Nov 2018 07:12

Tgt Ion: 43 Resp: 500

Ion Ratio Lower Upper

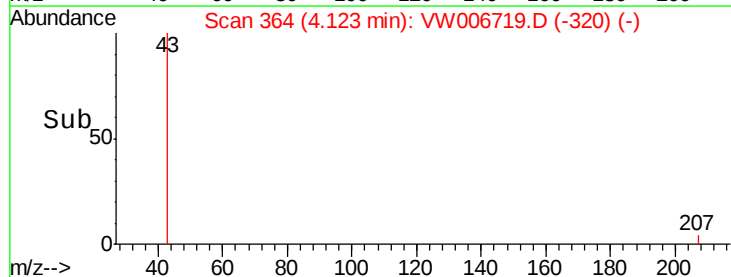
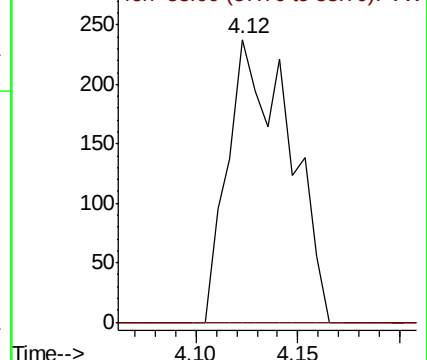
43 100

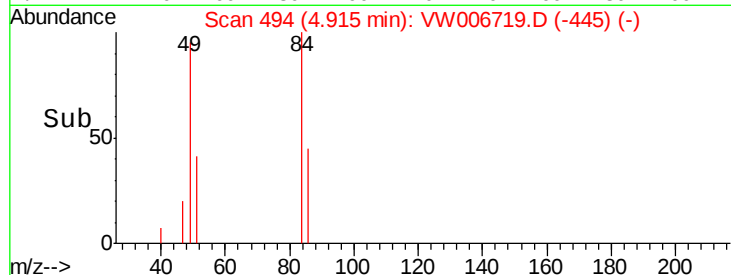
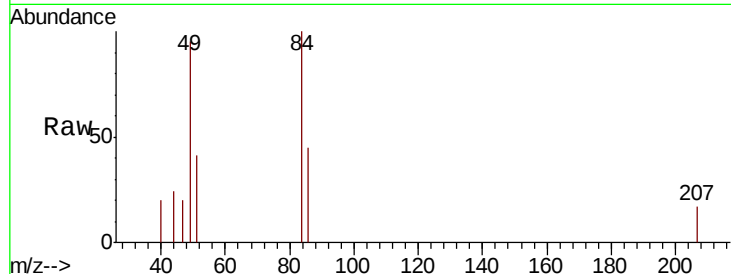
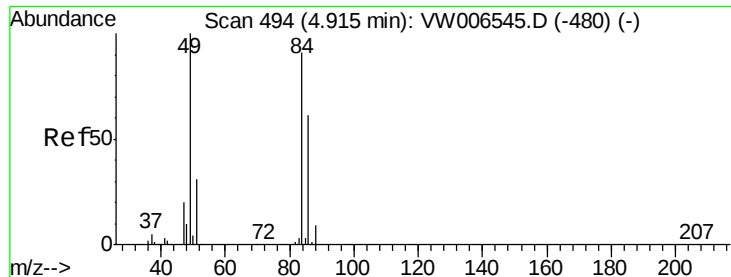
58 0.0 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

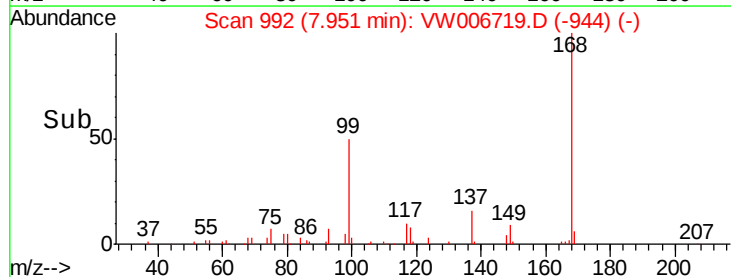
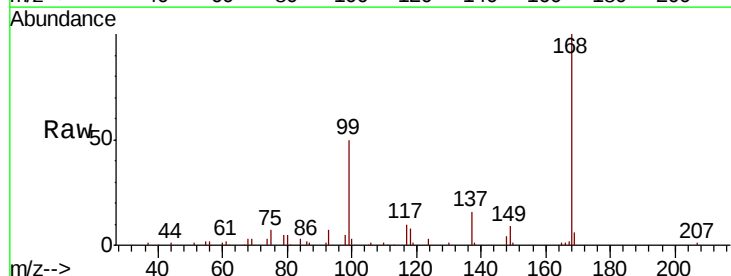
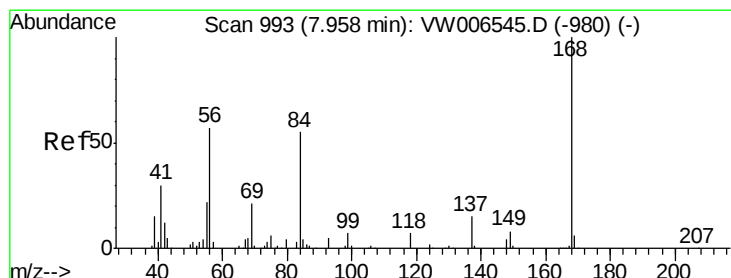
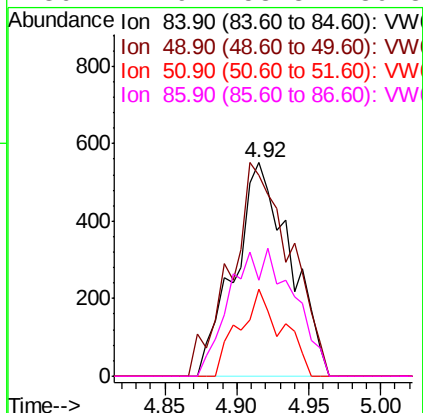




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006719.D
Acq: 07 Nov 2018 07:12

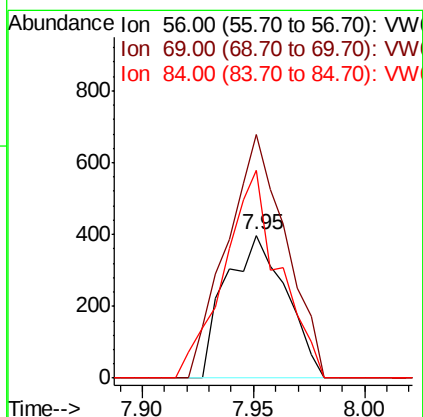
Instrument :
MSVOA_W
ClientSampleId :
PL-05-110518

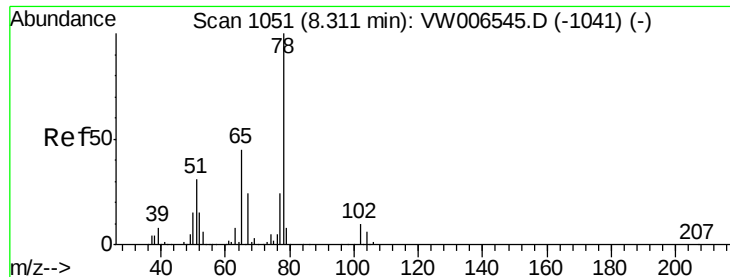
Tot Ion: 84 Resp: 1480
Ion Ratio Lower Upper
84 100
49 94.5 88.2 132.4
51 40.5 27.0 40.6
86 44.9 53.8 80.8#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006719.D
Acq: 07 Nov 2018 07:12

Tgt Ion: 56 Resp: 746
Ion Ratio Lower Upper
56 100
69 170.8 29.0 43.4#
84 145.6 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 45.213 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006719.D

Acq: 07 Nov 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

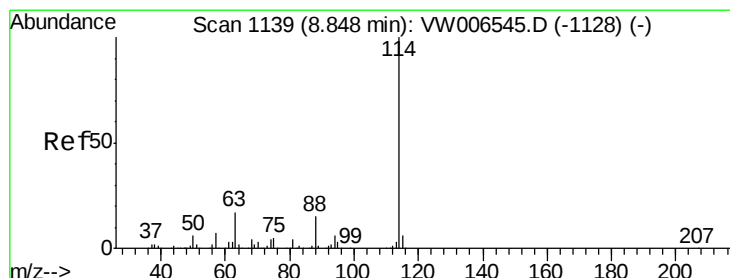
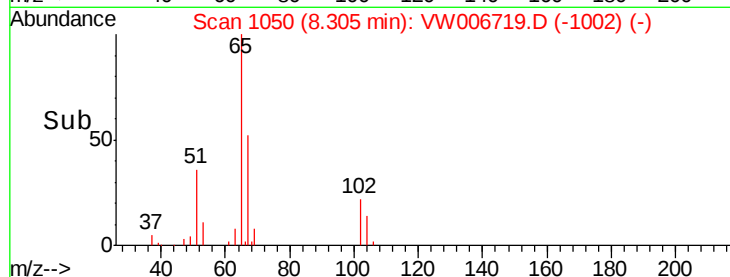
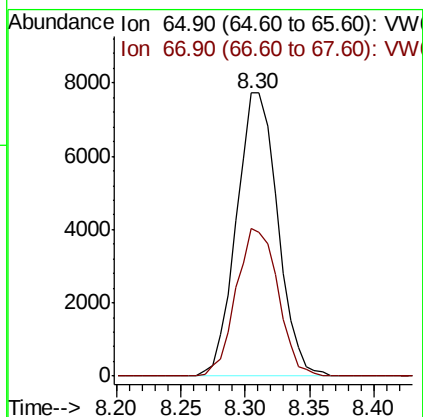
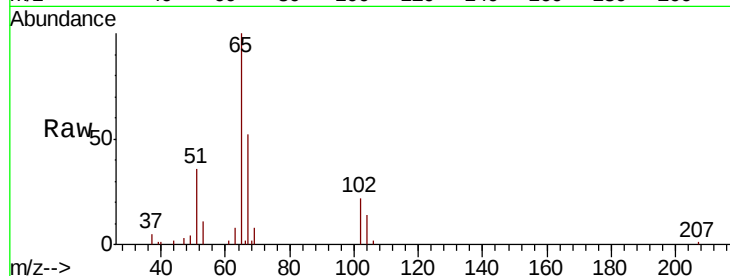
PL-05-110518

Tot Ion: 65 Resp: 17135

Ion Ratio Lower Upper

65 100

67 53.0 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: VW006719.D

Acq: 07 Nov 2018 07:12

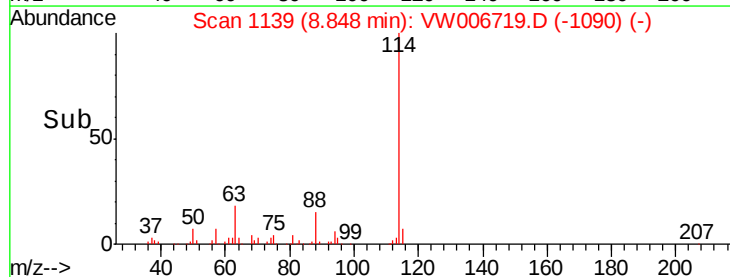
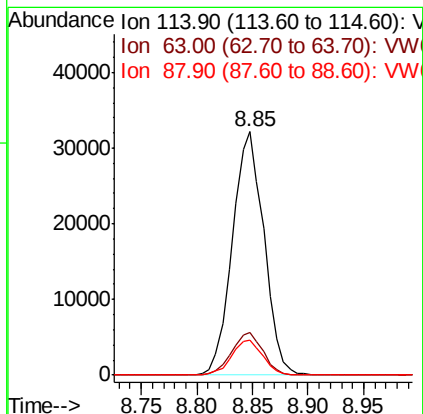
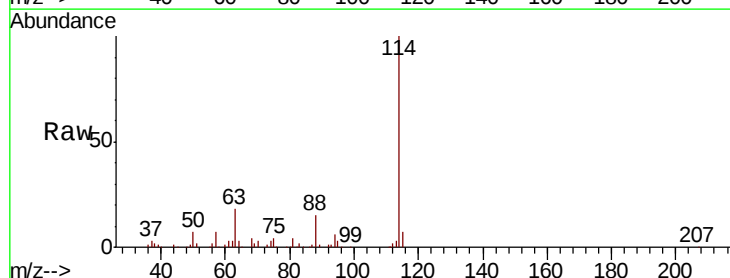
Tgt Ion: 114 Resp: 63099

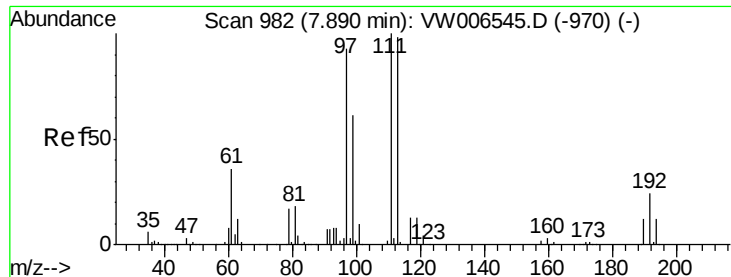
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.5 0.0 29.0

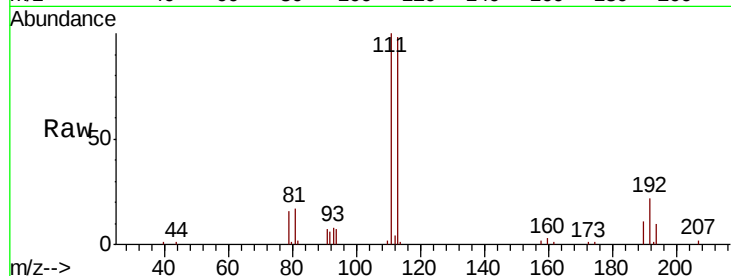




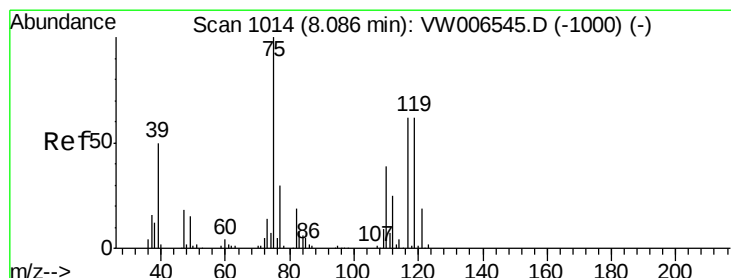
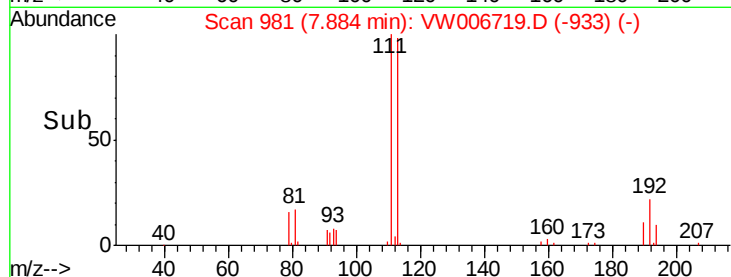
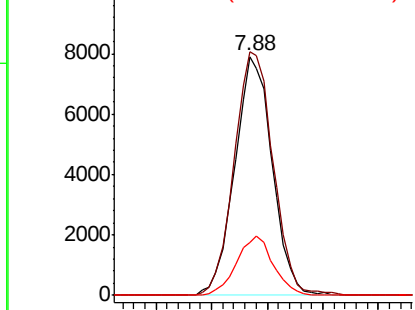
#35
 Dibromofluoromethane
 Concen: 46.485 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006719.D
 Acq: 07 Nov 2018 07:12

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-110518

Tot Ion:113 Resp: 18408
 Ion Ratio Lower Upper
 113 100
 111 106.1 82.2 123.2
 192 24.3 19.0 28.6

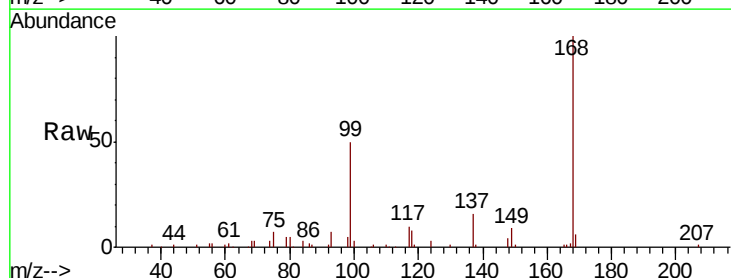


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

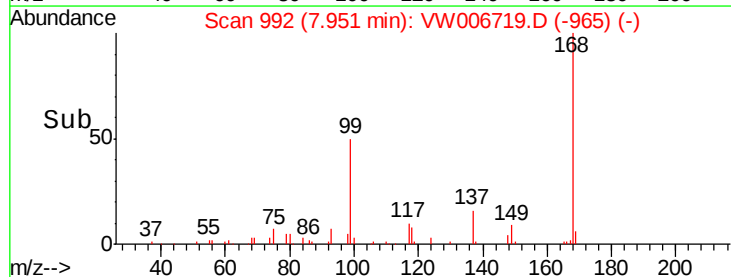
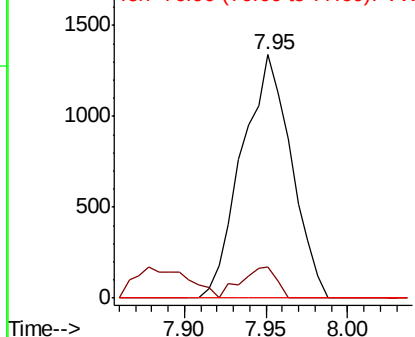


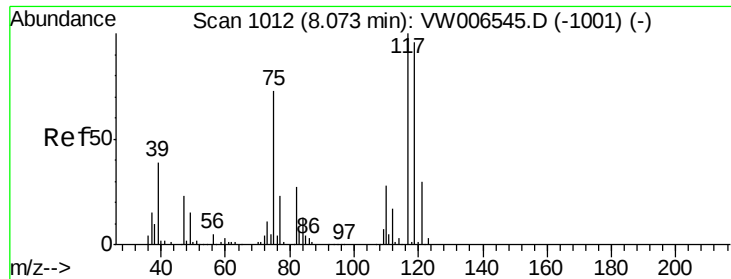
#36
 1,1-Dichloropropene
 Concen: 5.080 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006719.D
 Acq: 07 Nov 2018 07:12

Tgt Ion: 75 Resp: 2819
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#



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

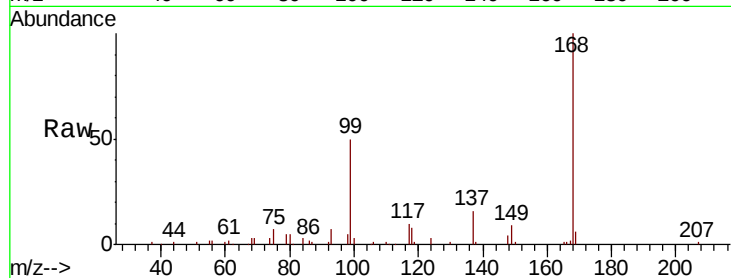




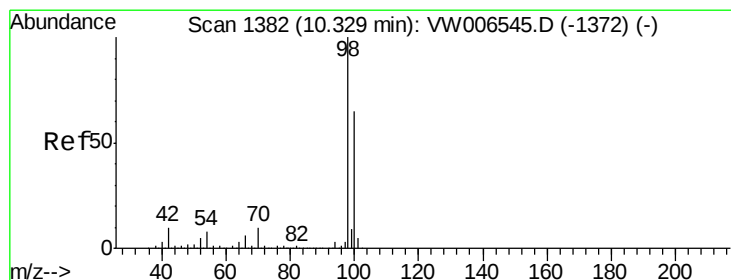
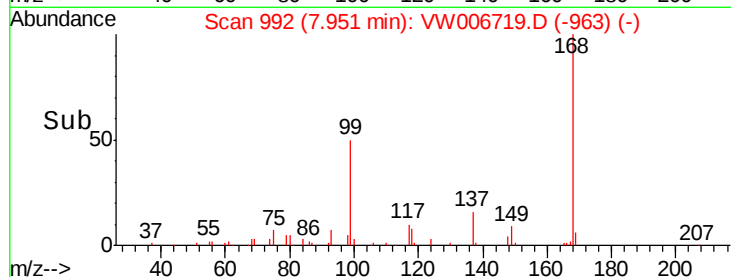
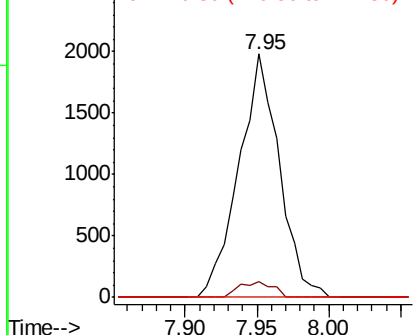
#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006719.D
Acq: 07 Nov 2018 07:12

Instrument :
MSVOA_W
ClientSampleId :
PL-05-110518

Tot Ion:117 Resp: 3858
Ion Ratio Lower Upper
117 100
119 6.5 76.3 114.5#
121 0.0 24.1 36.1#

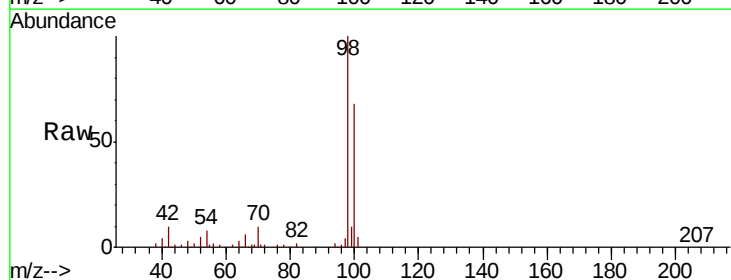


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

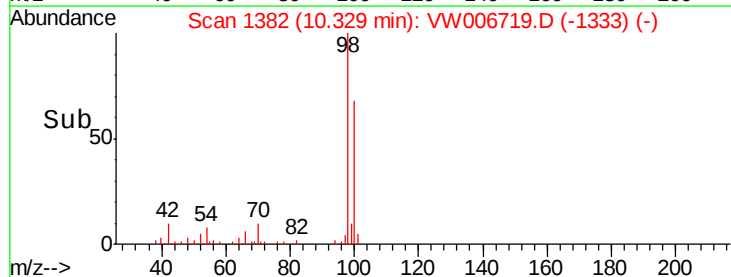
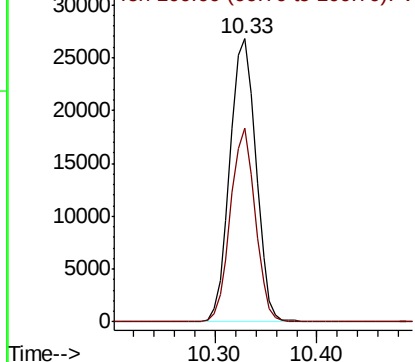


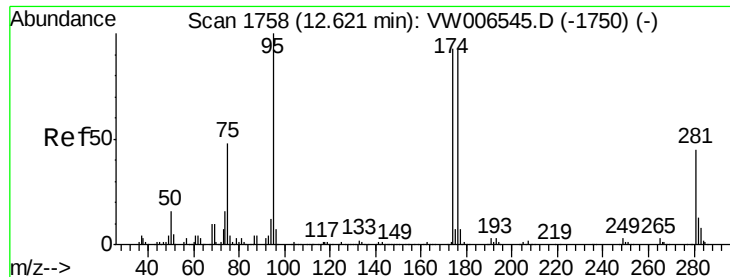
#50
Toluene-d8
Concen: 31.465 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006719.D
Acq: 07 Nov 2018 07:12

Tgt Ion: 98 Resp: 47433
Ion Ratio Lower Upper
98 100
100 64.7 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: 28.277 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006719.D

Acq: 07 Nov 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

PL-05-110518

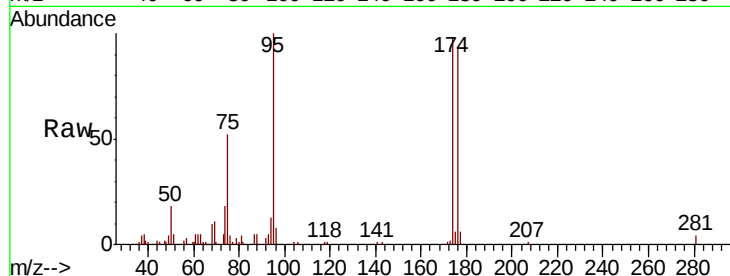
Tot Ion: 95 Resp: 15454

Ion Ratio Lower Upper

95 100

174 98.3 0.0 192.4

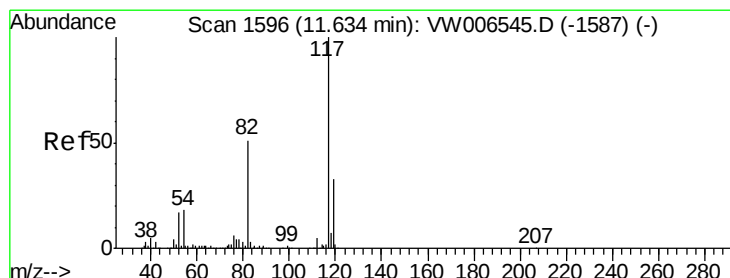
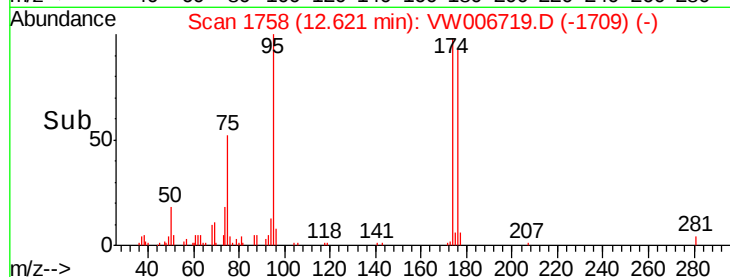
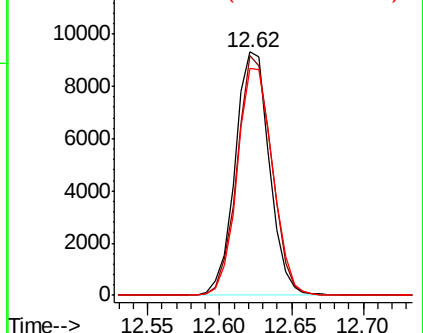
176 95.5 0.0 187.4



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: VW006719.D

Acq: 07 Nov 2018 07:12

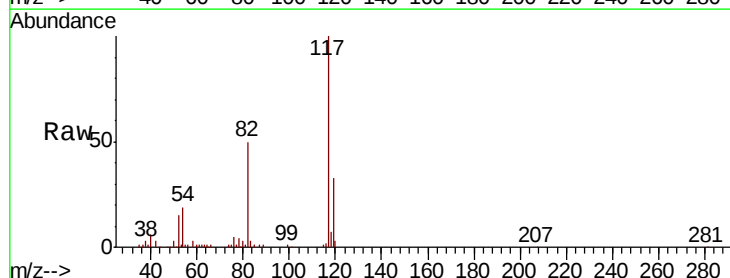
Tgt Ion: 117 Resp: 47253

Ion Ratio Lower Upper

117 100

82 50.2 40.8 61.2

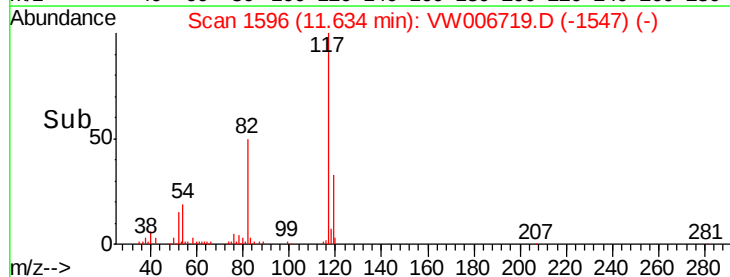
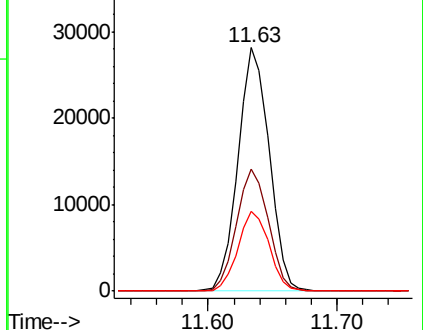
119 33.0 26.1 39.1

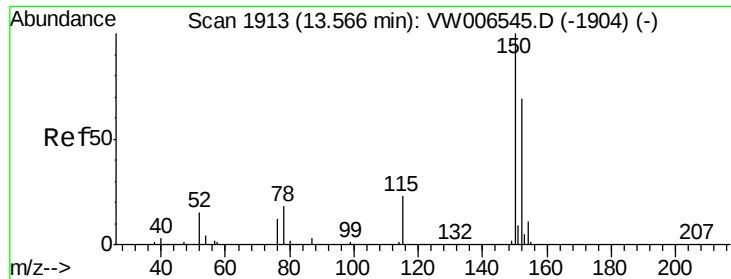


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

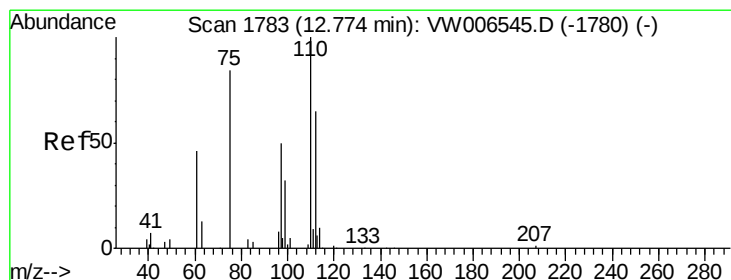
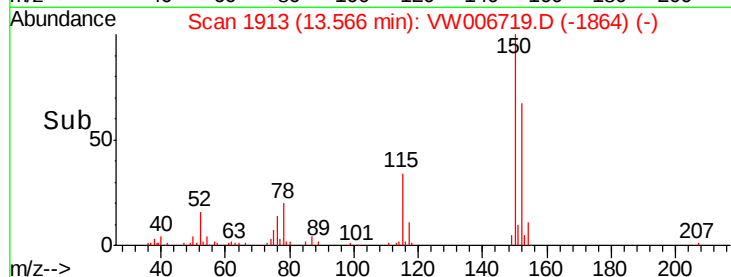
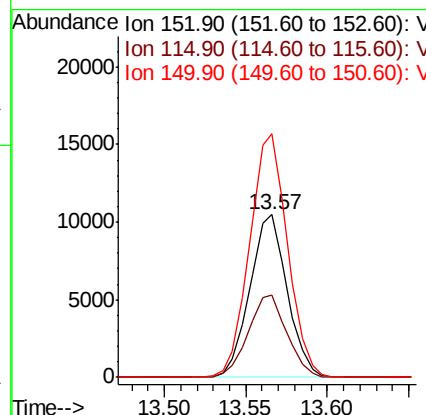
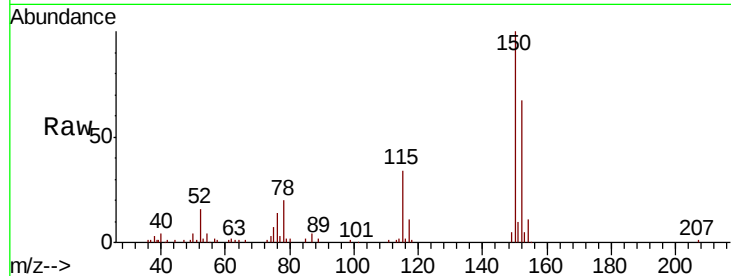




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006719.D
 Acq: 07 Nov 2018 07:12

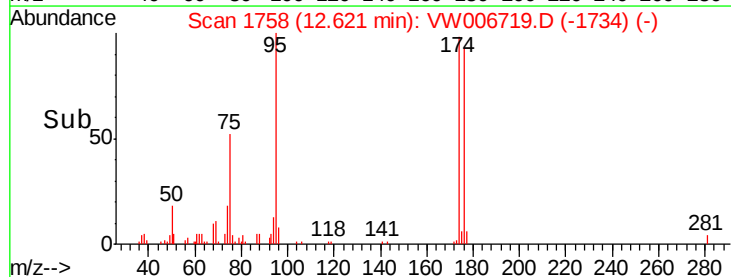
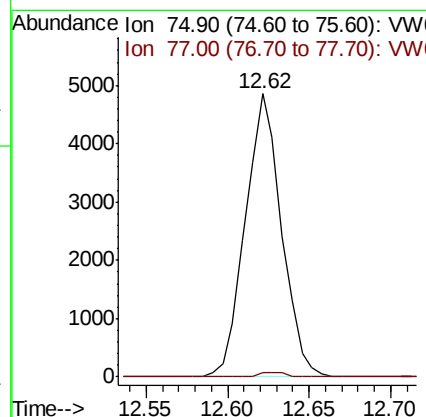
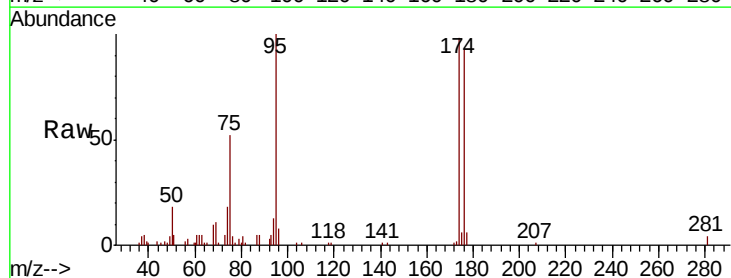
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 PL-05-110518

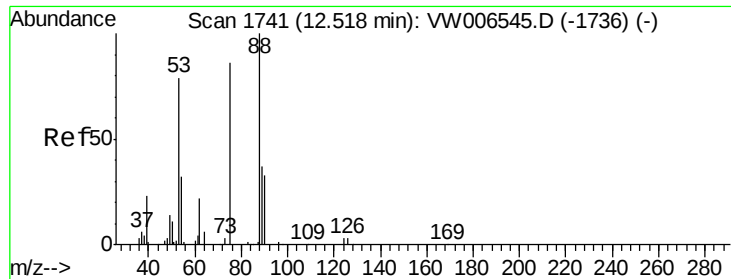
Tot Ion:152 Resp: 16678
 Ion Ratio Lower Upper
 152 100
 115 52.4 26.6 79.8
 150 151.8 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 57.728 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006719.D
 Acq: 07 Nov 2018 07:12

Tgt Ion: 75 Resp: 7512
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 144.205 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006719.D

Acq: 07 Nov 2018 07:12

Instrument :

MSVOA_W

ClientSampleId :

PL-05-110518

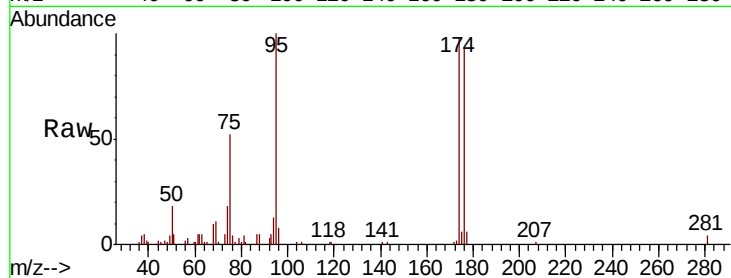
Tot Ion: 75 Resp: 7512

Ion Ratio Lower Upper

75 100

53 0.0 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

