

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006728.D
 Acq On : 07 Nov 2018 11:05
 Operator : SY/AP
 Sample : J5815-03RE
 Misc : 5.25G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R47183-RTRE

Quant Time: Nov 07 11:38:44 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	165568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	203908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11953	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	60162	42.27	ug/l	0.00
Spiked Amount			Recovery	=	84.54%	
35) Dibromofluoromethane	7.89	113	67275	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
50) Toluene-d8	10.33	98	160612	32.97	ug/l	0.00
Spiked Amount			Recovery	=	65.94%	
62) 4-Bromofluorobenzene	12.62	95	20286	11.49	ug/l	0.00
Spiked Amount			Recovery	=	22.98%	

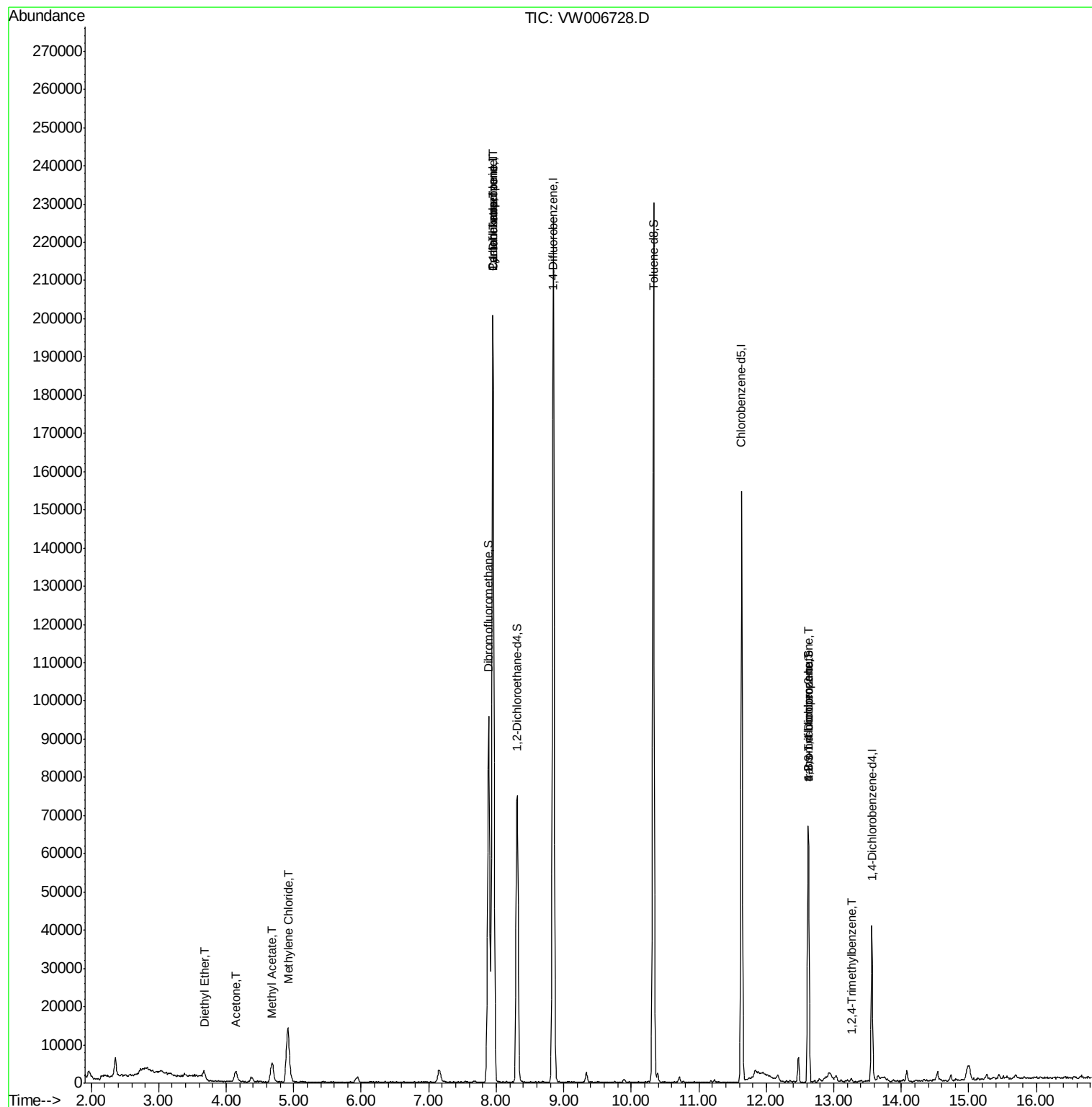
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1057	1.477	ug/l	67
16) Acetone	4.14	43	5412	23.553	ug/l	93
18) Methyl Acetate	4.68	43	9696	14.675	ug/l	98
20) Methylene Chloride	4.91	84	12540	2.780	ug/l	95
31) Cyclohexane	7.95	56	3012	1.329	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	10294	5.741	ug/l #	48
38) Carbon Tetrachloride	7.95	117	14485	7.731	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	9858	105.704	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9858	261.836	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.26	105	695	1.024	ug/l	79

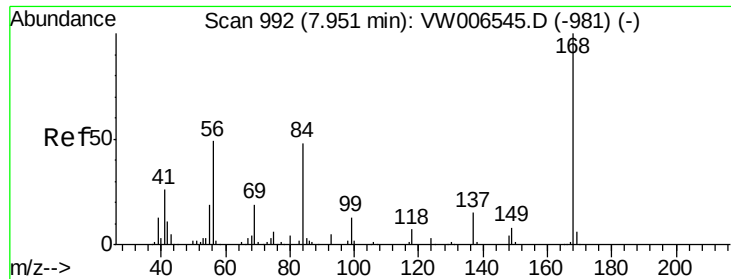
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

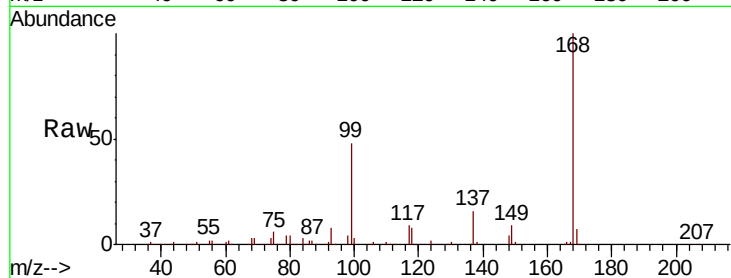
HL-R47183-RTRE

Tot Ion:168 Resp: 165568

Ion Ratio Lower Upper

168 100

99 48.3 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

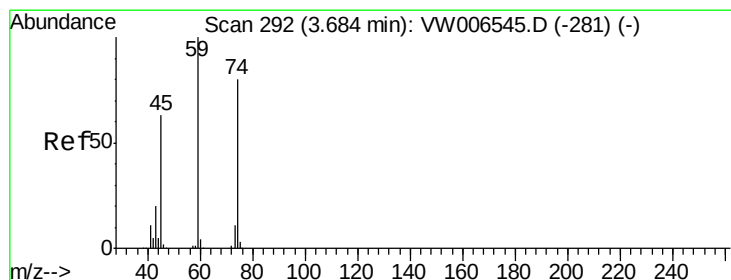
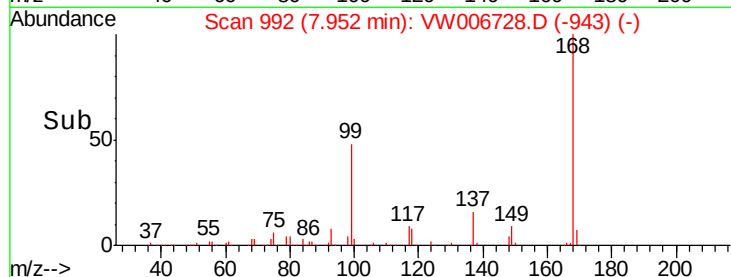
40000

20000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.477 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006728.D

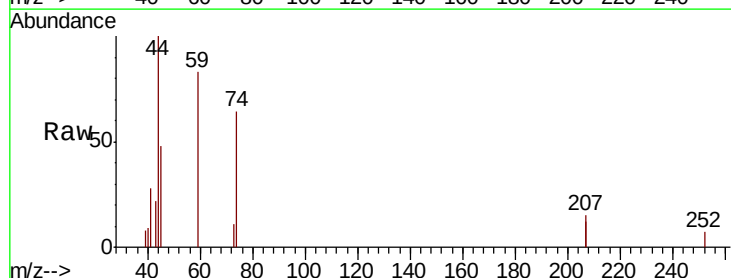
Acq: 07 Nov 2018 11:05

Tgt Ion: 74 Resp: 1057

Ion Ratio Lower Upper

74 100

45 111.8 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

600

500

400

300

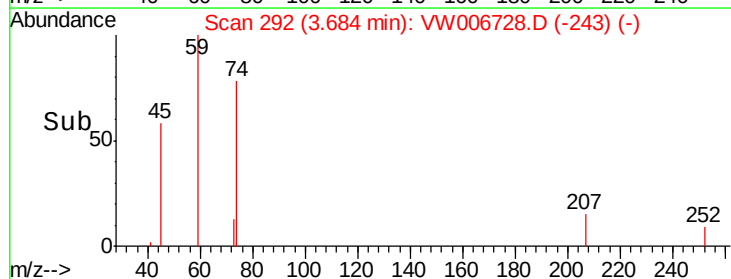
200

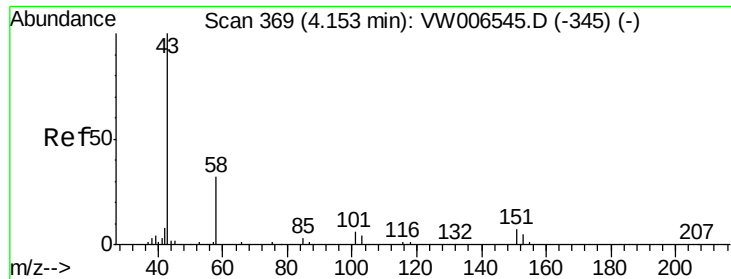
100

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 23.553 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

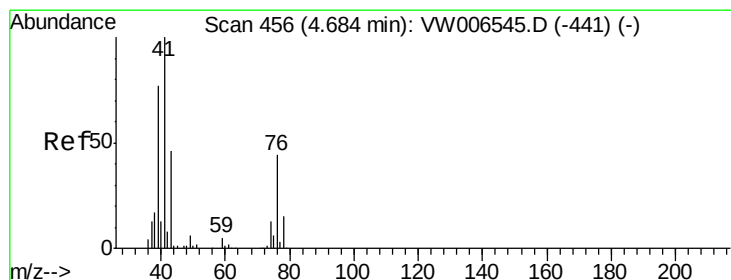
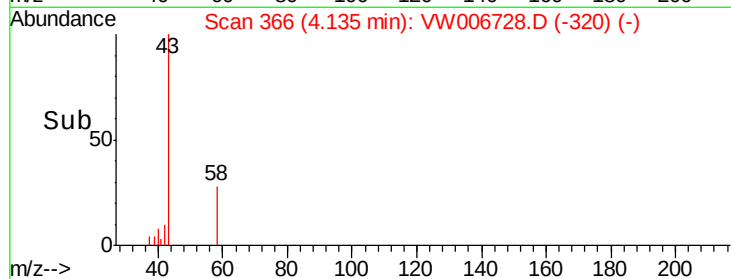
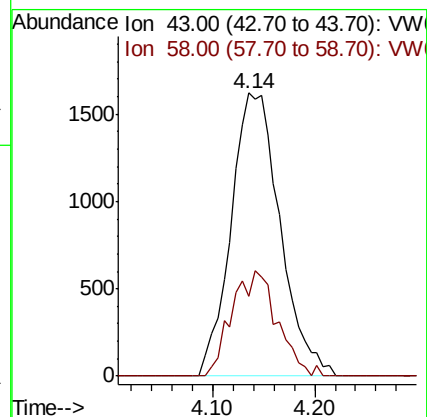
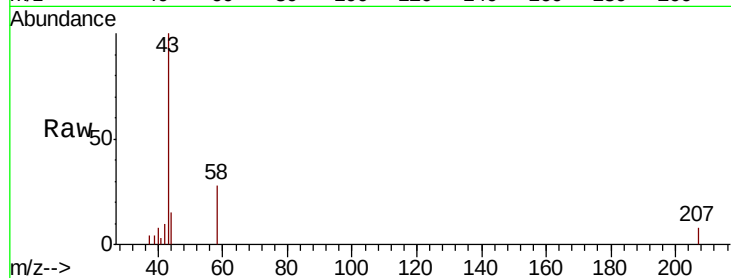
HL-R47183-RTRE

Tot Ion: 43 Resp: 5412

Ion Ratio Lower Upper

43 100

58 28.3 25.8 38.8



#18

Methyl Acetate

Concen: 14.675 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006728.D

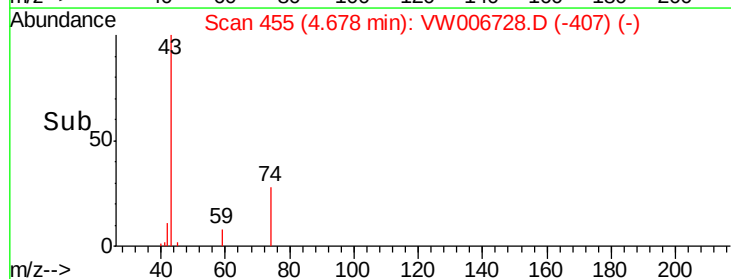
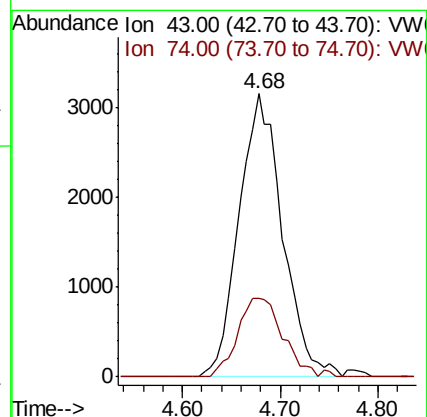
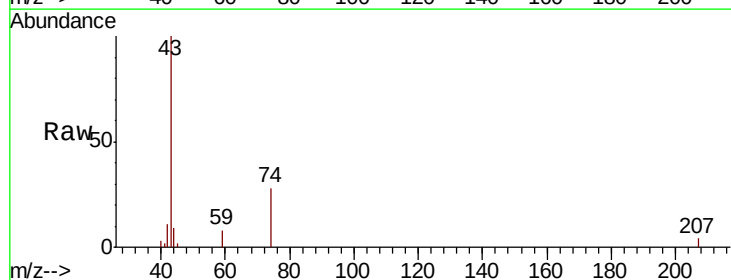
Acq: 07 Nov 2018 11:05

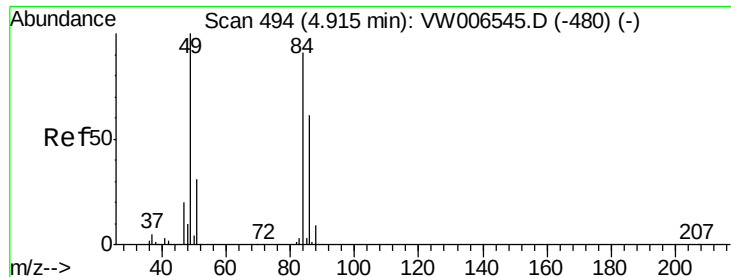
Tgt Ion: 43 Resp: 9696

Ion Ratio Lower Upper

43 100

74 28.7 21.9 32.9





#20

Methylene Chloride

Concen: 2.780 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RTRE

Tot Ion: 84 Resp: 12540

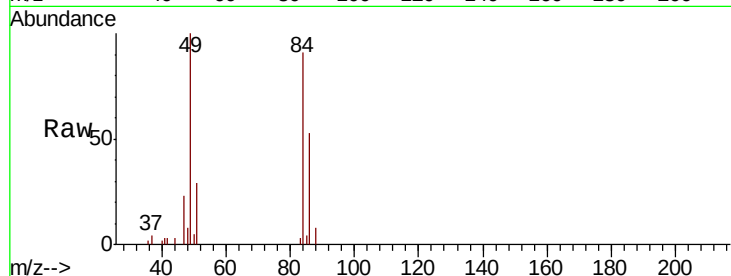
Ion Ratio Lower Upper

84 100

49 109.5 88.2 132.4

51 31.7 27.0 40.6

86 58.2 53.8 80.8

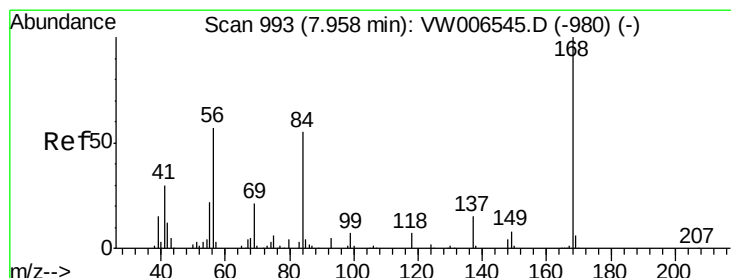
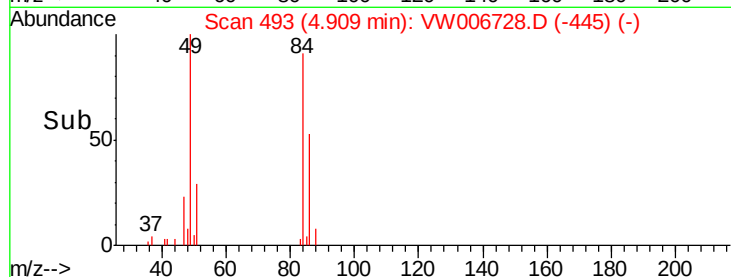
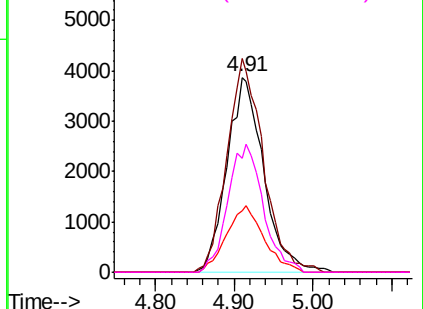


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.329 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006728.D

Acq: 07 Nov 2018 11:05

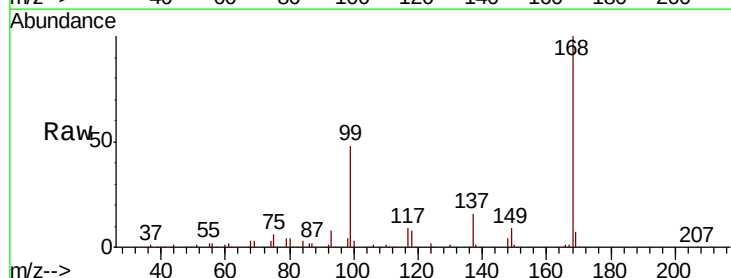
Tgt Ion: 56 Resp: 3012

Ion Ratio Lower Upper

56 100

69 152.0 29.0 43.4#

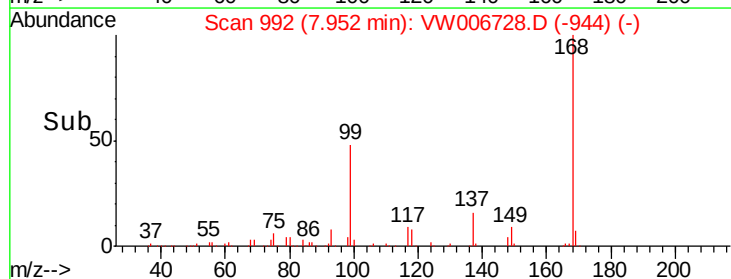
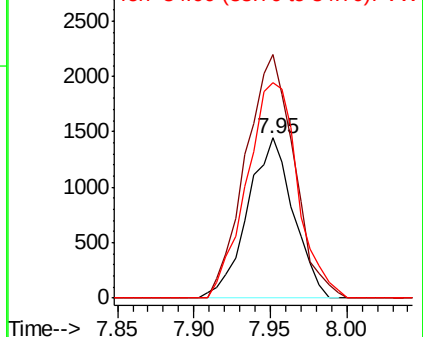
84 134.4 77.8 116.6#

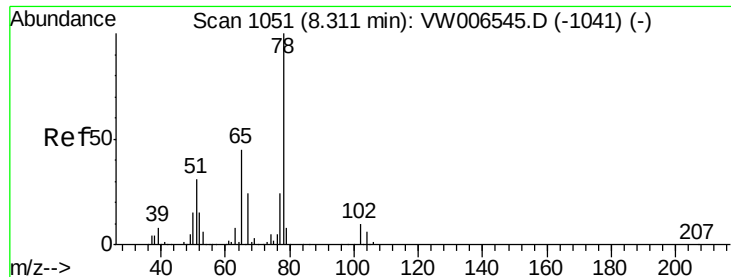


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

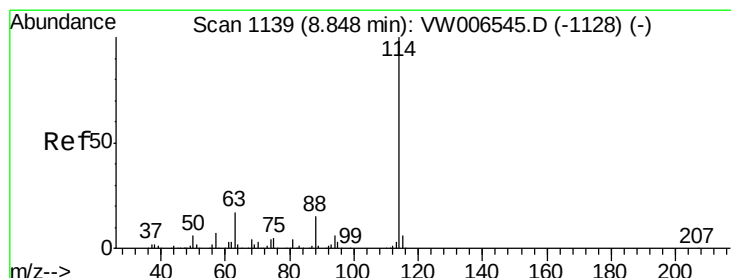
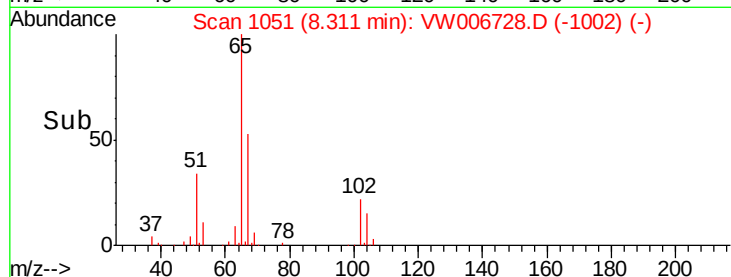
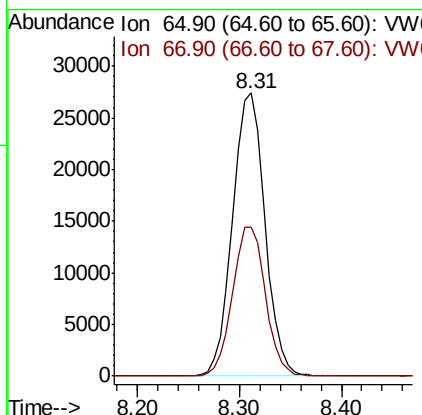
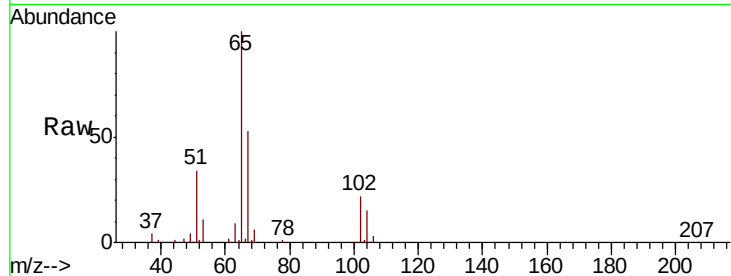




#33
 1,2-Dichloroethane-d4
 Concen: 42.272 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006728.D
 Acq: 07 Nov 2018 11:05

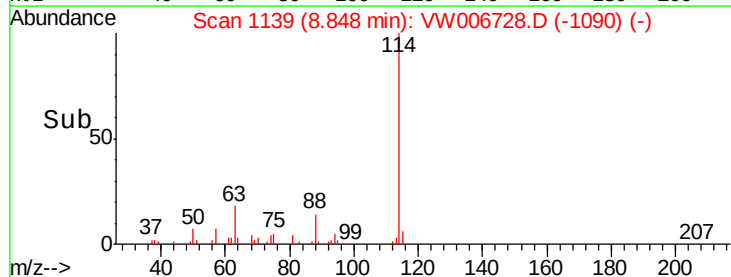
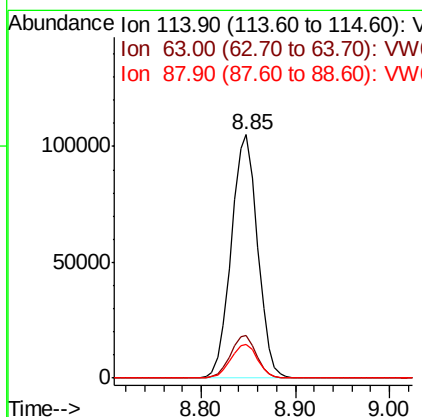
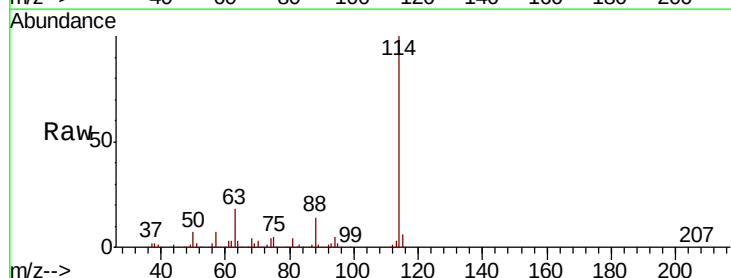
Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R47183-RTRE

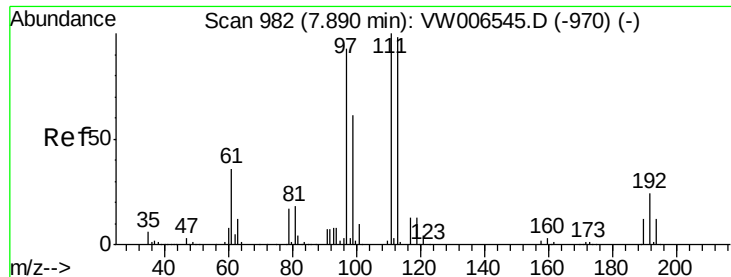
Tot Ion: 65 Resp: 60162
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006728.D
 Acq: 07 Nov 2018 11:05

Tgt Ion: 114 Resp: 203908
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.4
 88 13.8 0.0 29.0

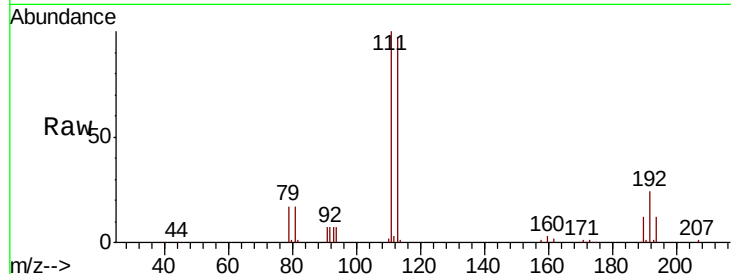




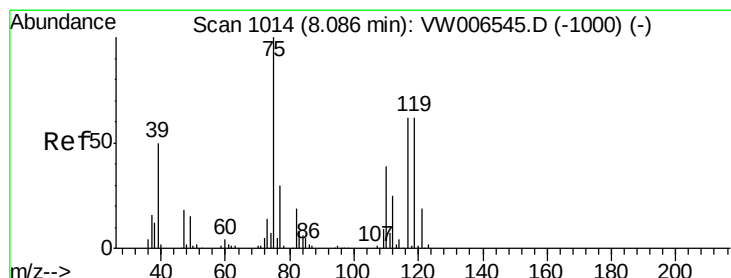
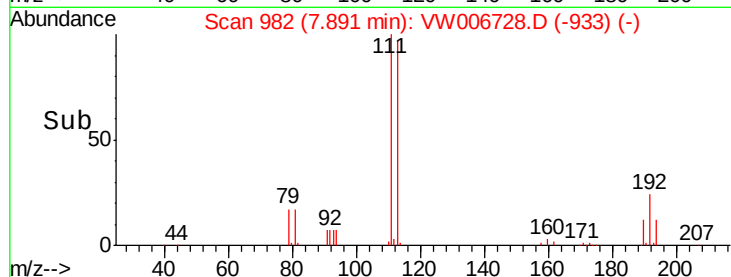
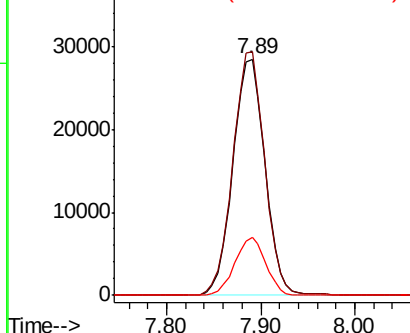
#35
 Dibromofluoromethane
 Concen: 52.572 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006728.D
 Acq: 07 Nov 2018 11:05

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R47183-RTRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	23.5	19.0	28.6

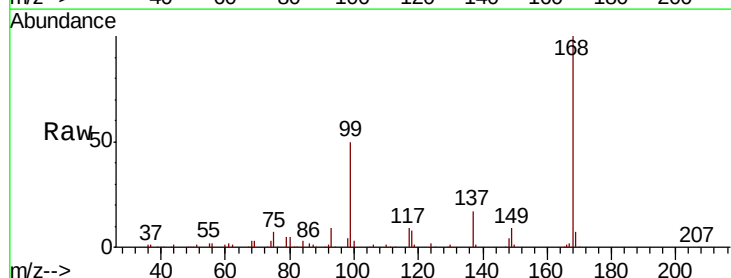


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

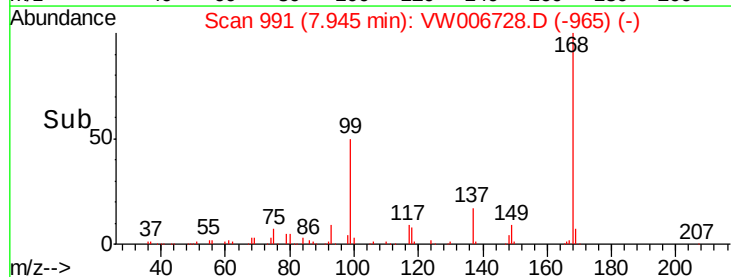
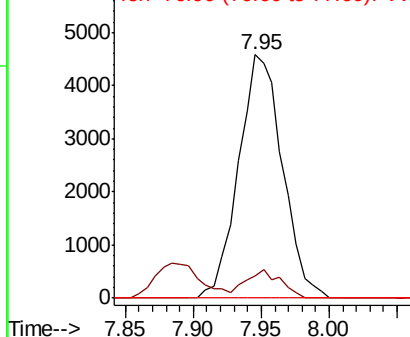


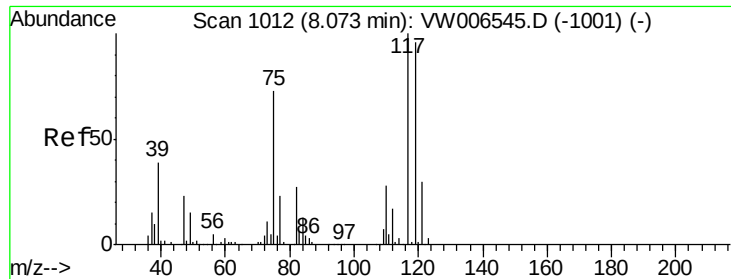
#36
 1,1-Dichloropropene
 Concen: 5.741 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006728.D
 Acq: 07 Nov 2018 11:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	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: 7.731 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RTRE

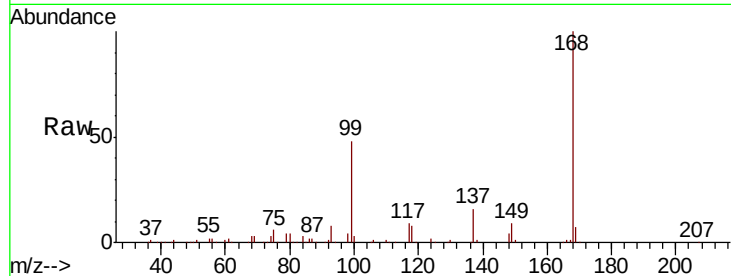
Tot Ion:117 Resp: 14485

Ion Ratio Lower Upper

117 100

119 5.6 76.3 114.5#

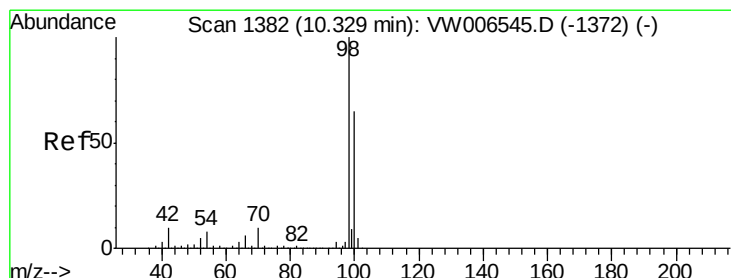
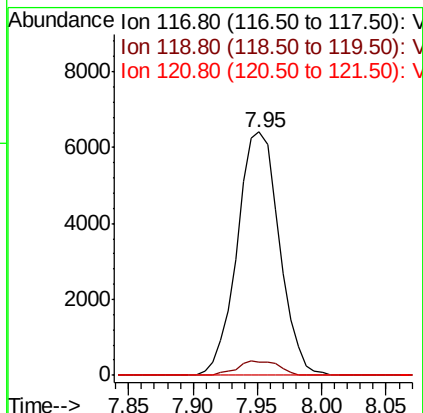
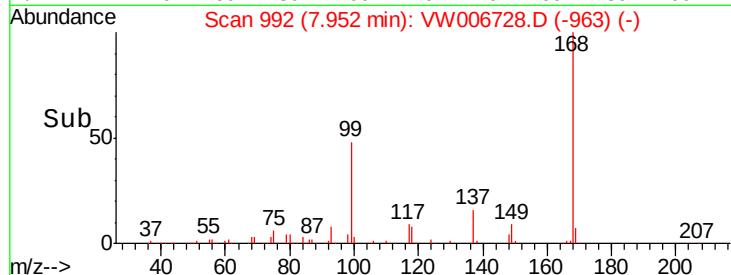
121 0.0 24.1 36.1#



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: 32.970 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006728.D

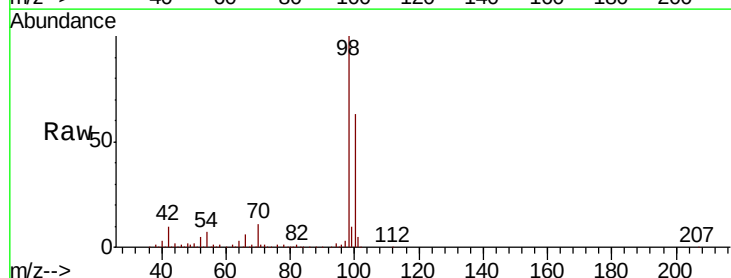
Acq: 07 Nov 2018 11:05

Tgt Ion: 98 Resp: 160612

Ion Ratio Lower Upper

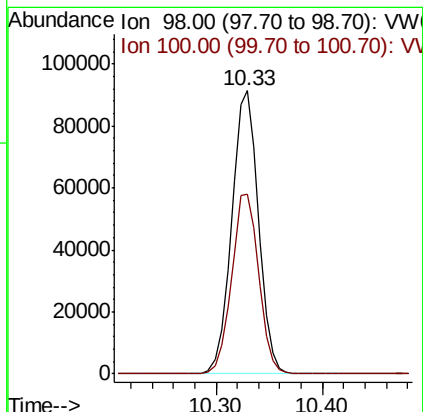
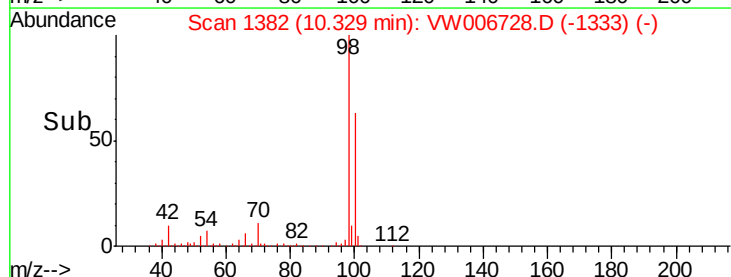
98 100

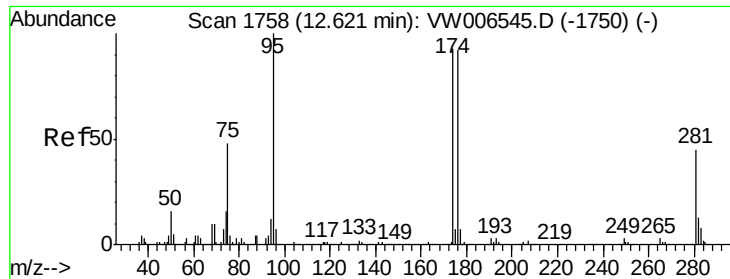
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 11.486 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RTRE

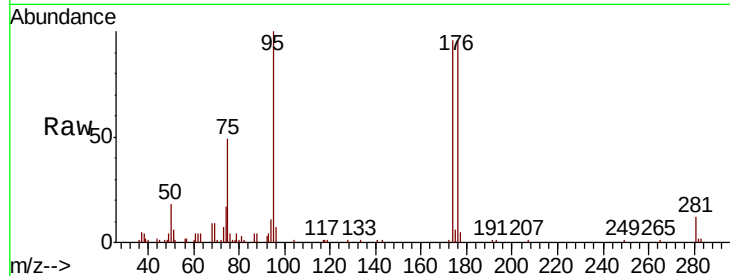
Tot Ion: 95 Resp: 20286

Ion Ratio Lower Upper

95 100

174 97.4 0.0 192.4

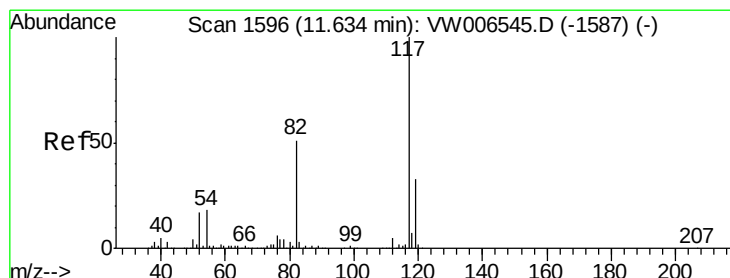
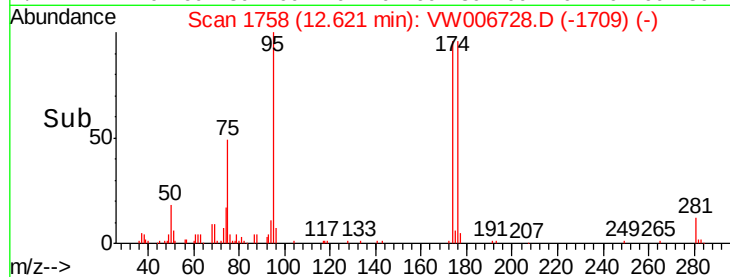
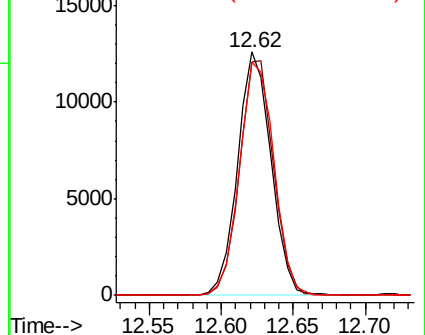
176 98.6 0.0 187.4



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: VW006728.D

Acq: 07 Nov 2018 11:05

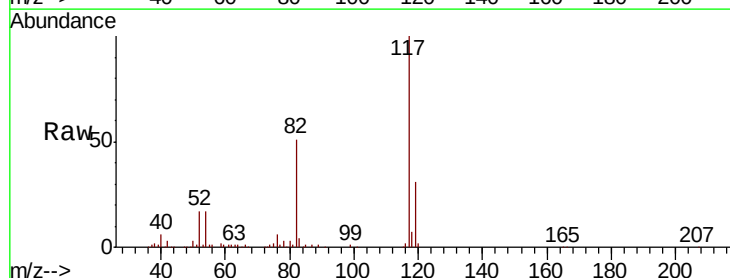
Tgt Ion: 117 Resp: 91602

Ion Ratio Lower Upper

117 100

82 50.9 40.8 61.2

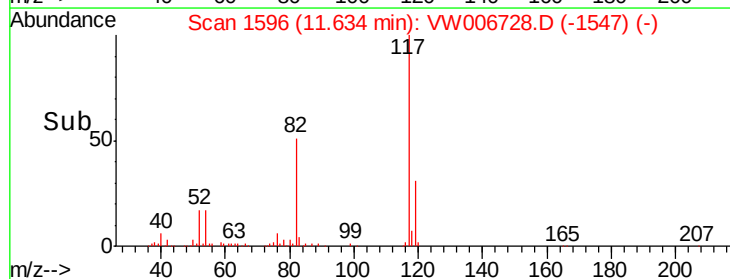
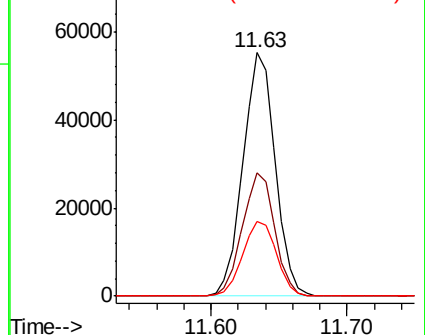
119 30.9 26.1 39.1

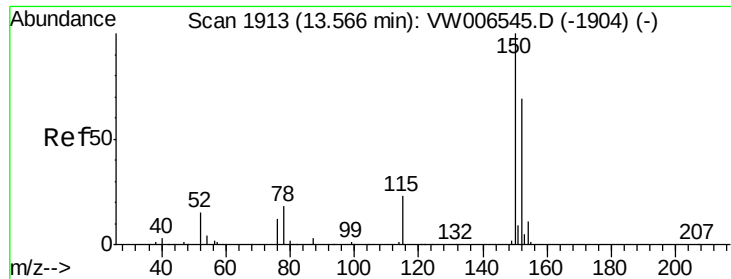


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RTRE

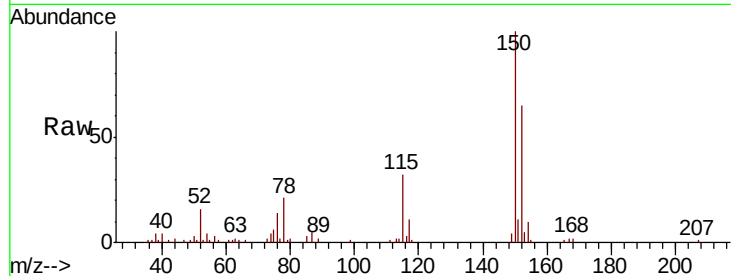
Tot Ion:152 Resp: 11953

Ion Ratio Lower Upper

152 100

115 51.3 26.6 79.8

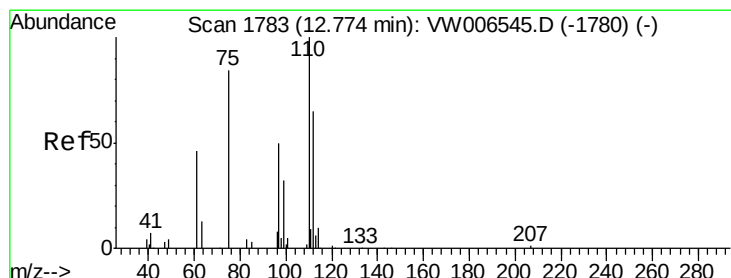
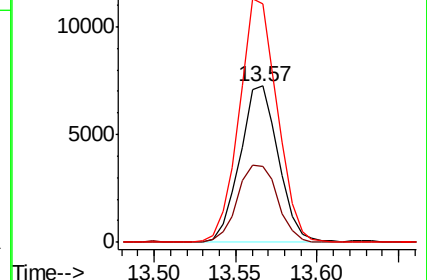
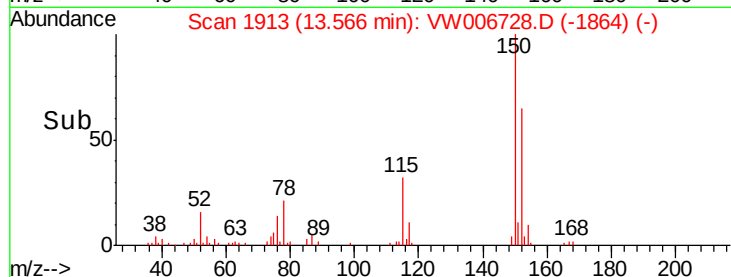
150 153.3 0.0 344.6



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



#76

1,2,3-Trichloropropane

Concen: 105.704 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006728.D

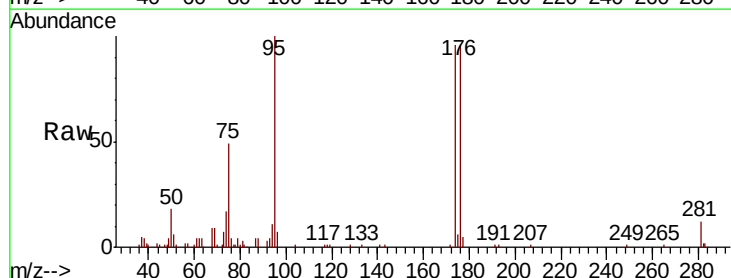
Acq: 07 Nov 2018 11:05

Tgt Ion: 75 Resp: 9858

Ion Ratio Lower Upper

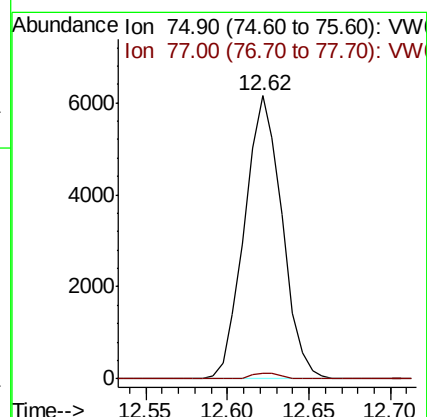
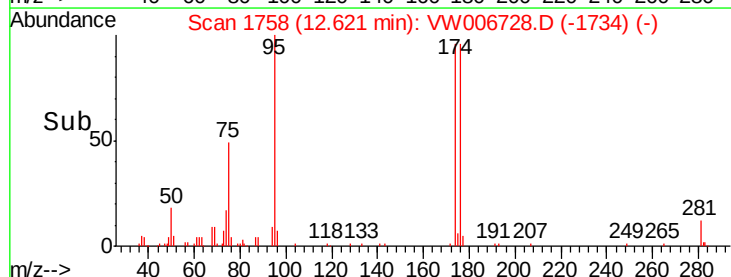
75 100

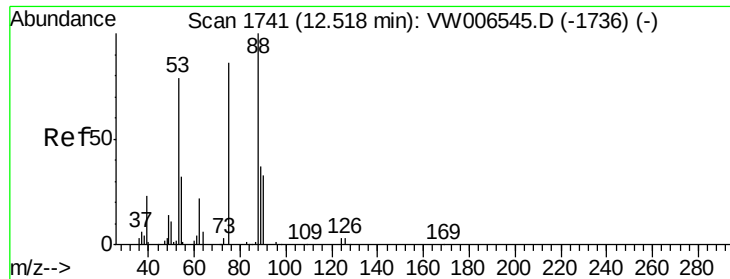
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 261.836 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006728.D

Acq: 07 Nov 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RTRE

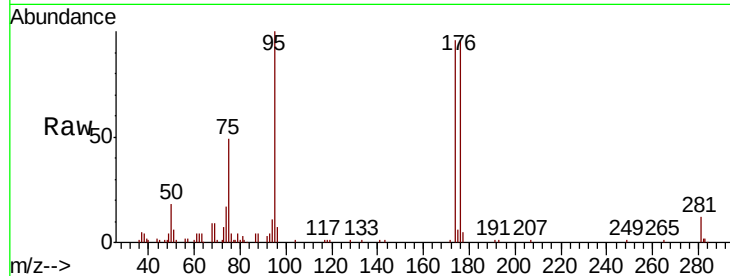
Tot Ion: 75 Resp: 9858

Ion Ratio Lower Upper

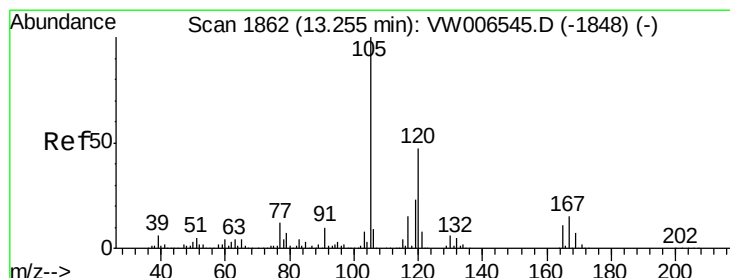
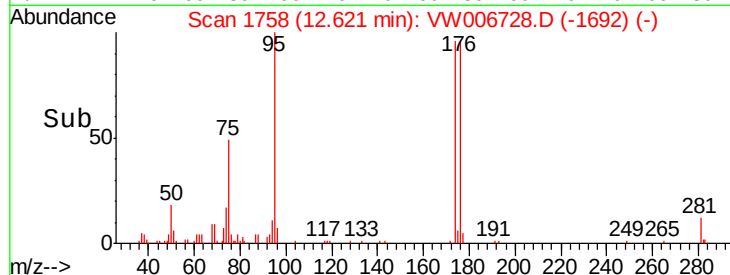
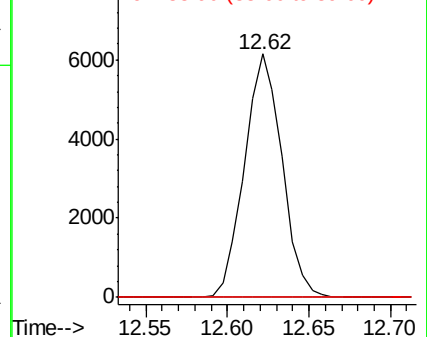
75 100

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



#84

1,2,4-Trimethylbenzene

Concen: 1.024 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006728.D

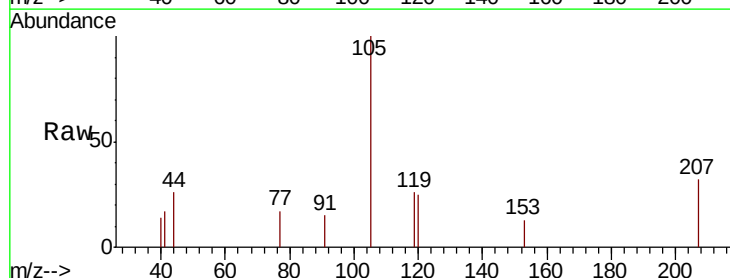
Acq: 07 Nov 2018 11:05

Tgt Ion: 105 Resp: 695

Ion Ratio Lower Upper

105 100

120 32.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

