

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006701.D
 Acq On : 06 Nov 2018 21:43
 Operator : SY/AP
 Sample : J5815-03
 Misc : 4.26G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R47183-RT

Quant Time: Nov 07 11:29:51 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	188709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	232788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18192	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	73745	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
35) Dibromofluoromethane	7.88	113	81893	56.06	ug/l	0.00
Spiked Amount			Recovery	=	112.12%	
50) Toluene-d8	10.33	98	185338	33.33	ug/l	0.00
Spiked Amount			Recovery	=	66.66%	
62) 4-Bromofluorobenzene	12.62	95	27483	13.63	ug/l	0.00
Spiked Amount			Recovery	=	27.26%	

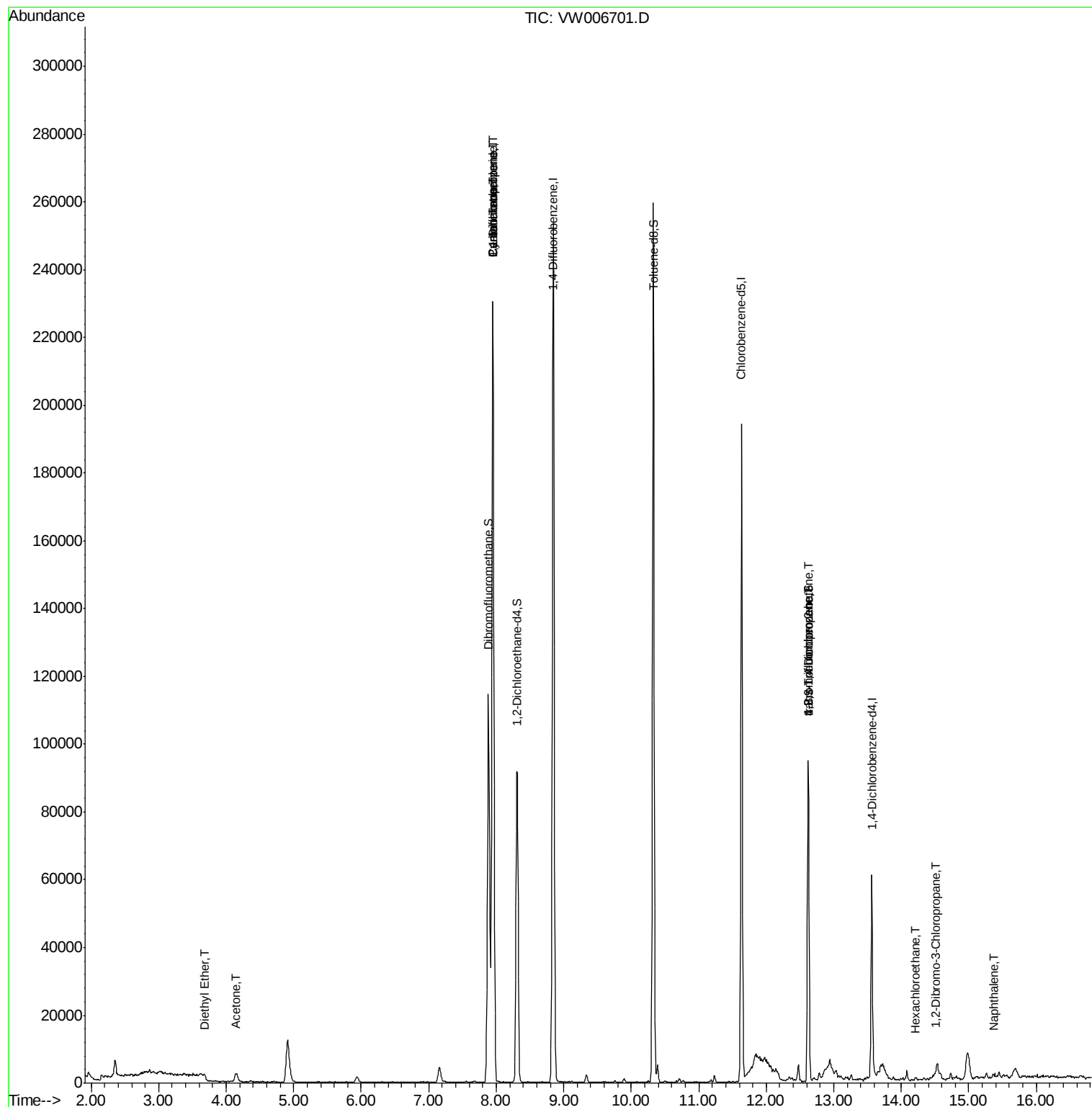
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1064	1.304	ug/l	74
16) Acetone	4.14	43	5517	21.066	ug/l	89
31) Cyclohexane	7.95	56	3503	1.356	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	11669	5.700	ug/l #	49
38) Carbon Tetrachloride	7.95	117	16171	7.560	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	13771	97.020	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	13771	240.546	ug/l #	11
90) Hexachloroethane	14.22	117	306	1.627	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.50	75	44	1.433	ug/l #	1
95) Naphthalene	15.37	128	752	1.145	ug/l #	85

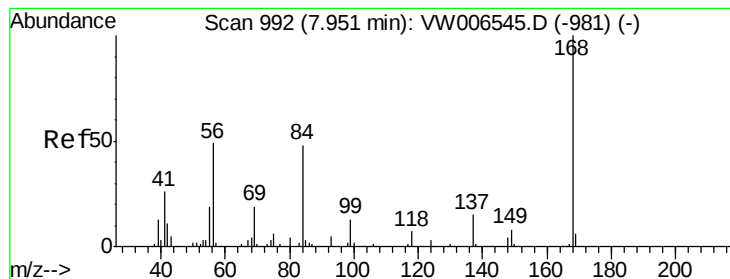
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW006701.D

Acq: 06 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

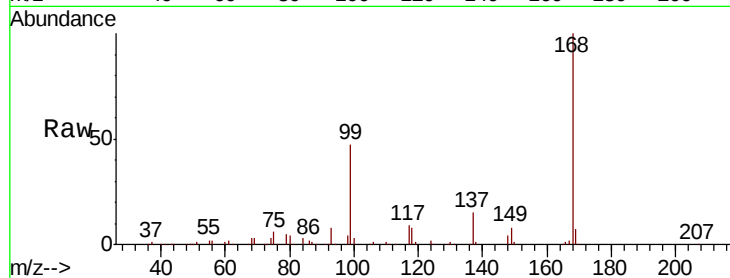
HL-R47183-RT

Tot Ion:168 Resp: 188709

Ion Ratio Lower Upper

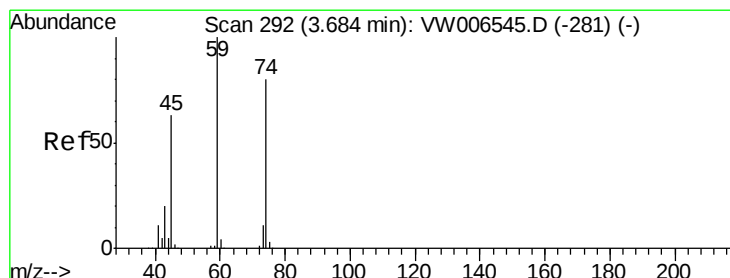
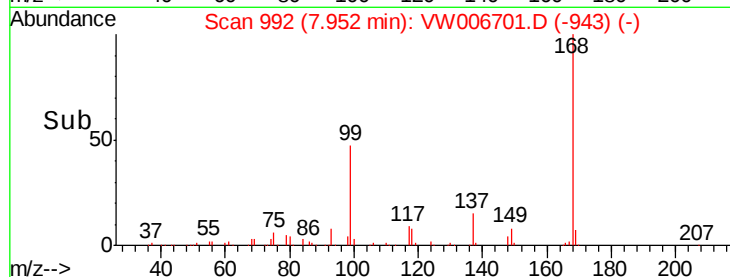
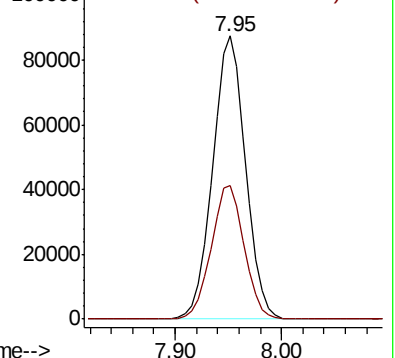
168 100

99 47.2 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: 1.304 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006701.D

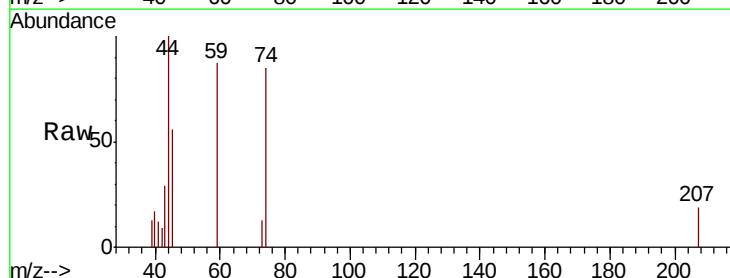
Acq: 06 Nov 2018 21:43

Tgt Ion: 74 Resp: 1064

Ion Ratio Lower Upper

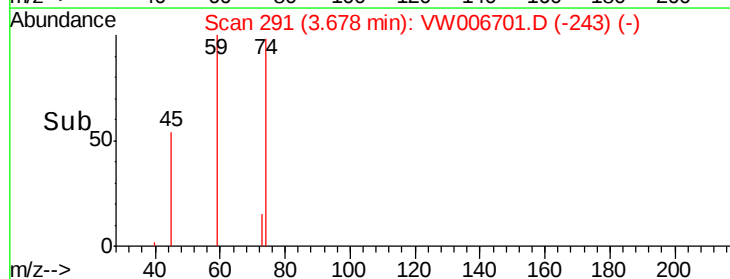
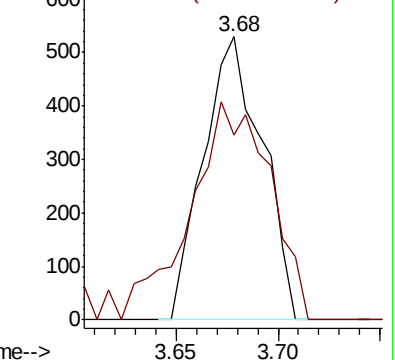
74 100

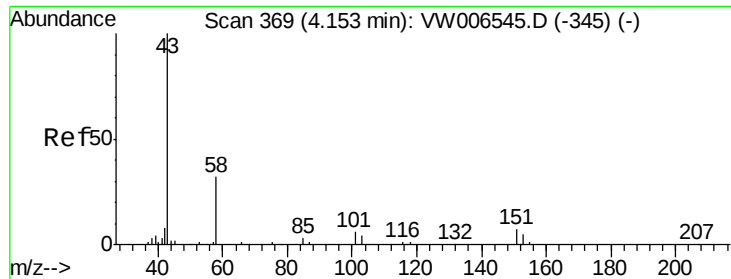
45 106.0 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

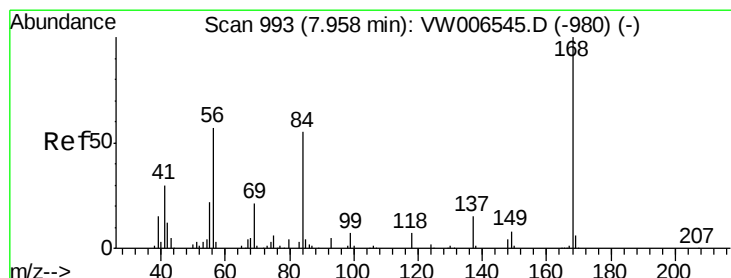
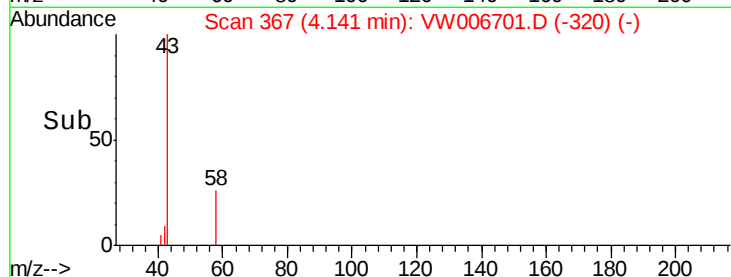
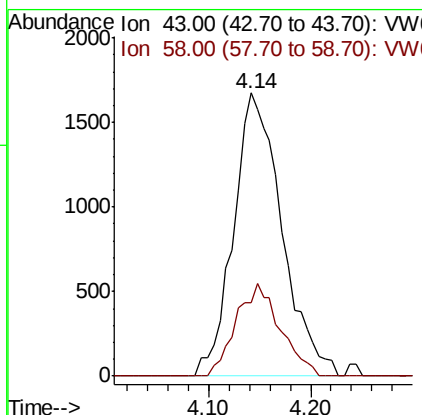
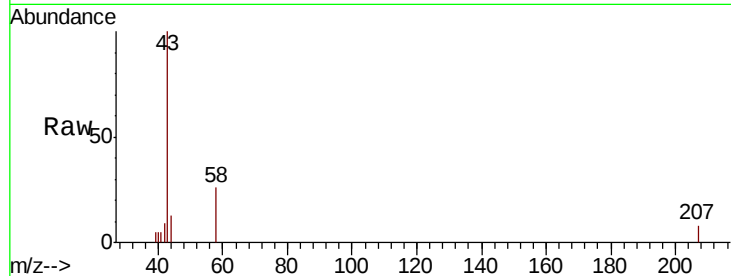




#16
Acetone
Concen: 21.066 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006701.D
Acq: 06 Nov 2018 21:43

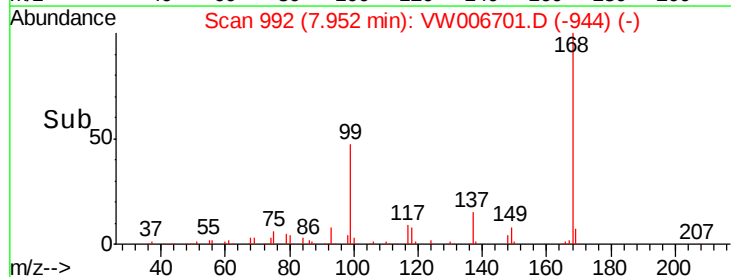
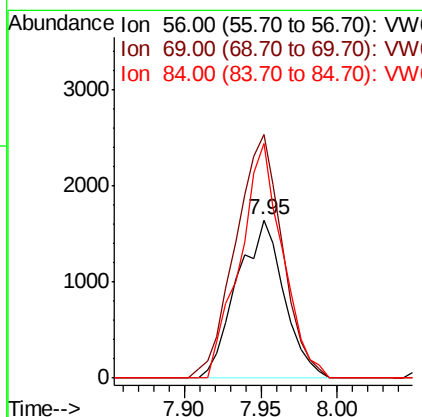
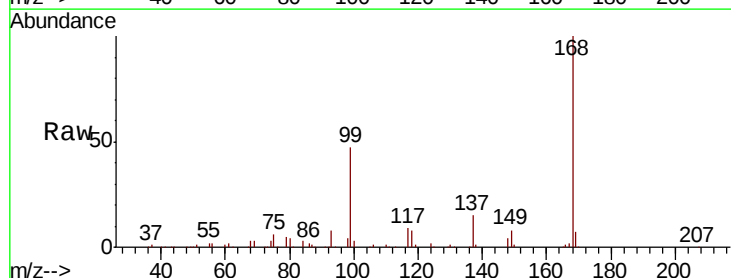
Instrument :
MSVOA_W
ClientSampleId :
HL-R47183-RT

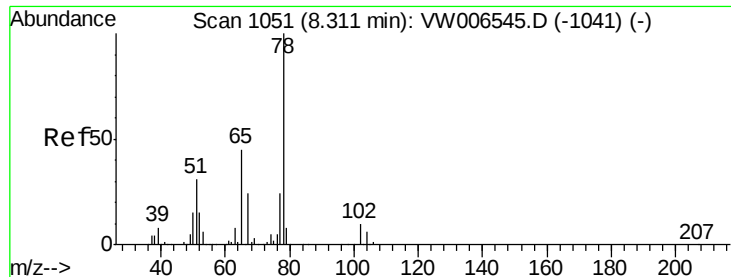
Tot Ion: 43 Resp: 5517
Ion Ratio Lower Upper
43 100
58 26.0 25.8 38.8



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006701.D
Acq: 06 Nov 2018 21:43

Tgt Ion: 56 Resp: 3503
Ion Ratio Lower Upper
56 100
69 154.0 29.0 43.4#
84 148.2 77.8 116.6#





#33

1,2-Dichloroethane-d4

Concen: 45.462 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006701.D

Acq: 06 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

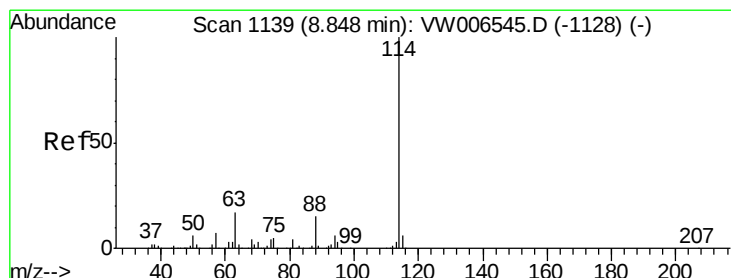
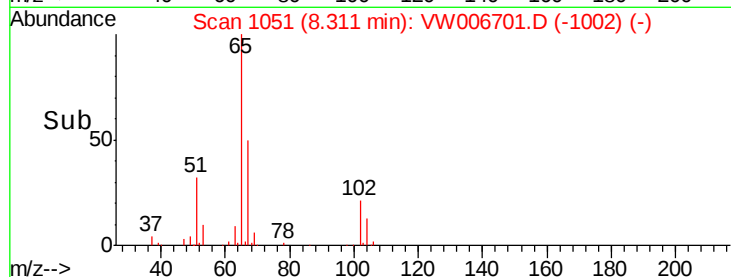
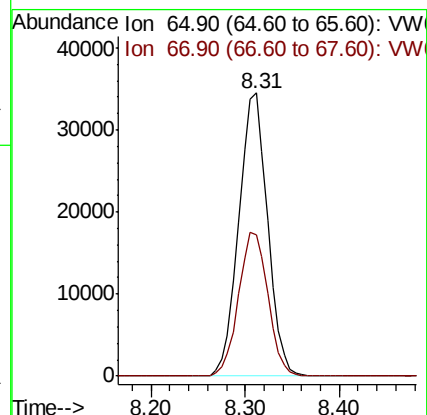
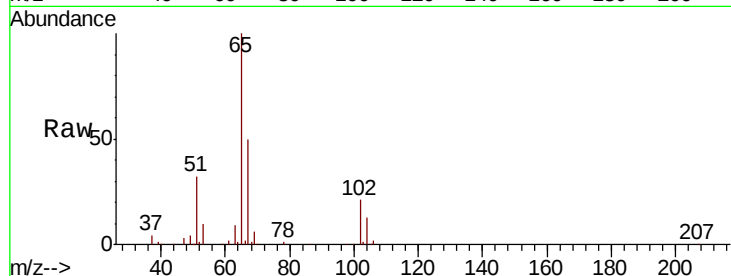
HL-R47183-RT

Tot Ion: 65 Resp: 73745

Ion Ratio Lower Upper

65 100

67 51.7 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: VW006701.D

Acq: 06 Nov 2018 21:43

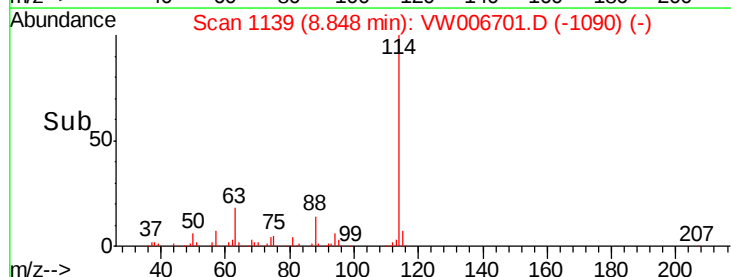
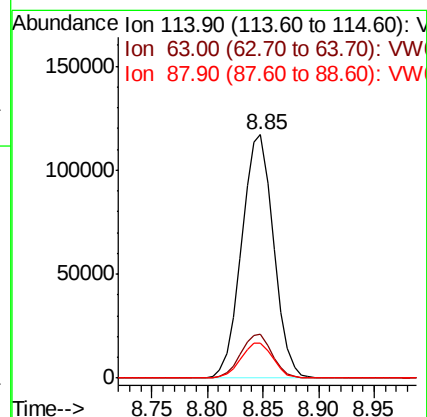
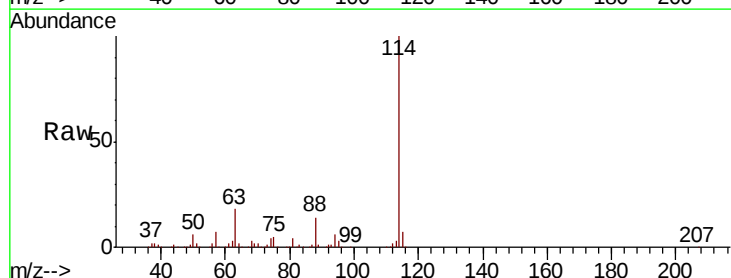
Tgt Ion: 114 Resp: 232788

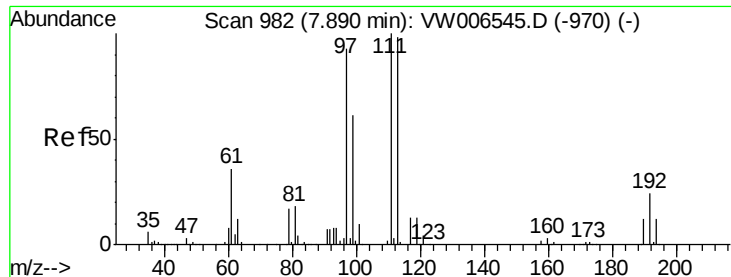
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.3 0.0 29.0

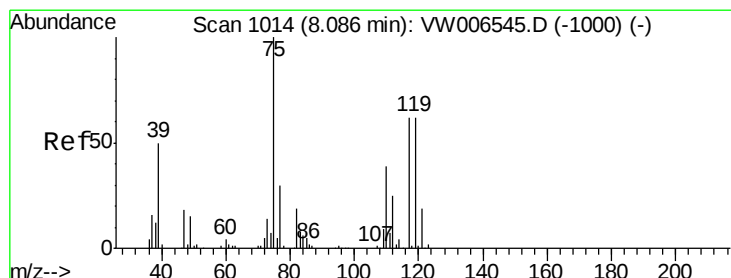
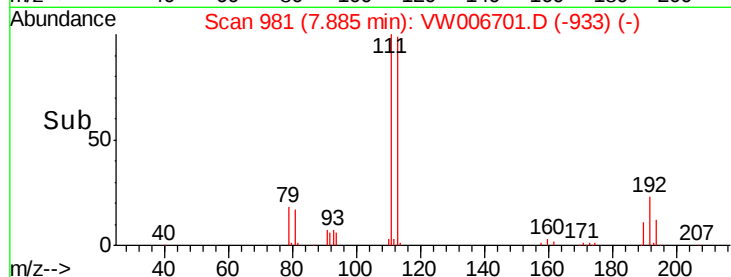
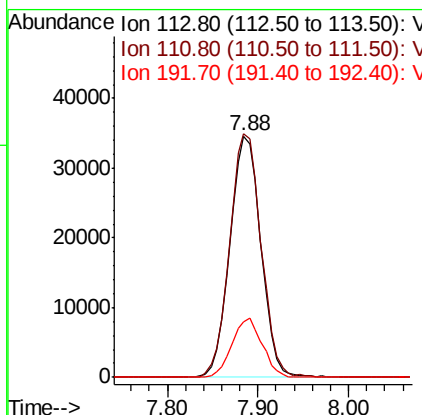
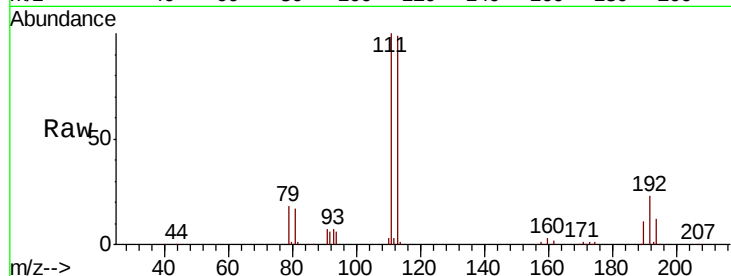




#35
 Dibromofluoromethane
 Concen: 56.055 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006701.D
 Acq: 06 Nov 2018 21:43

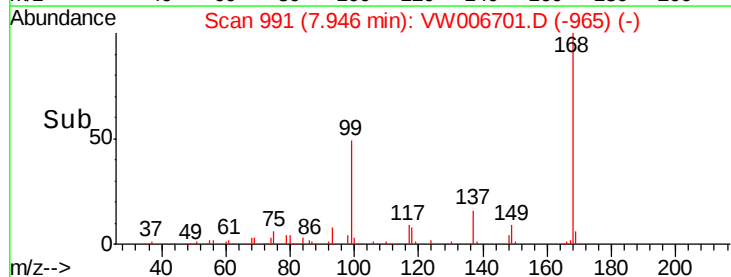
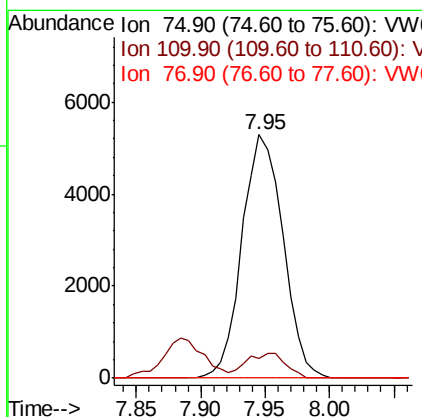
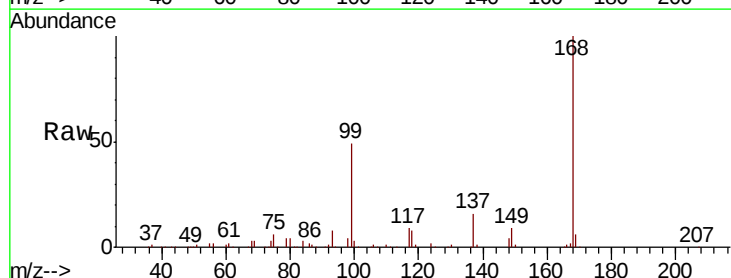
Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R47183-RT

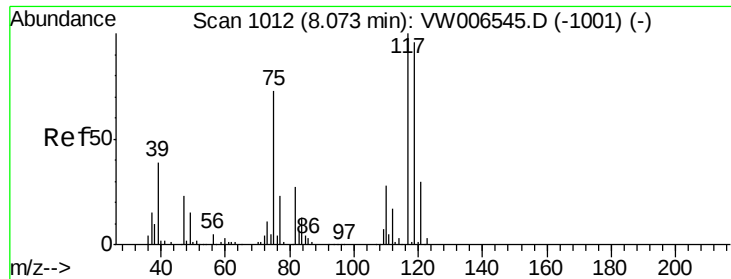
Tot Ion:113 Resp: 81893
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.2
 192 23.9 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 5.700 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006701.D
 Acq: 06 Nov 2018 21:43

Tgt Ion: 75 Resp: 11669
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 7.560 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006701.D

Acq: 06 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RT

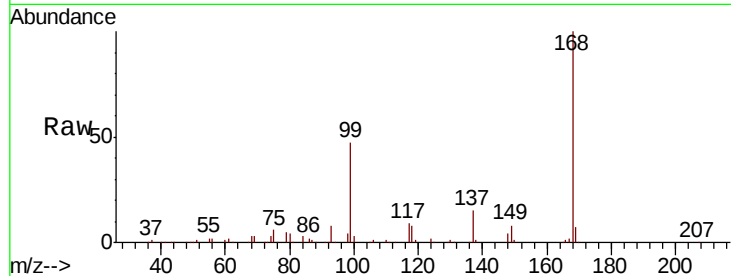
Tot Ion:117 Resp: 16171

Ion Ratio Lower Upper

117 100

119 6.3 76.3 114.5#

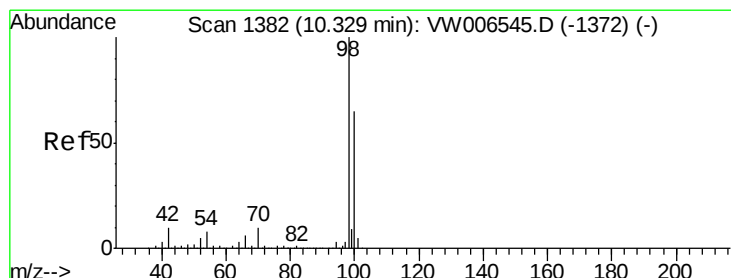
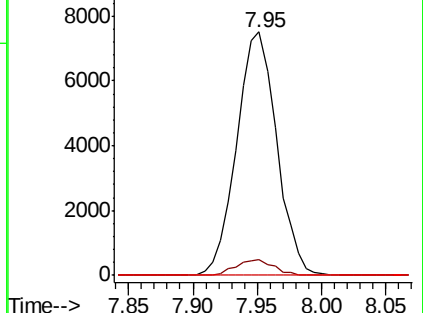
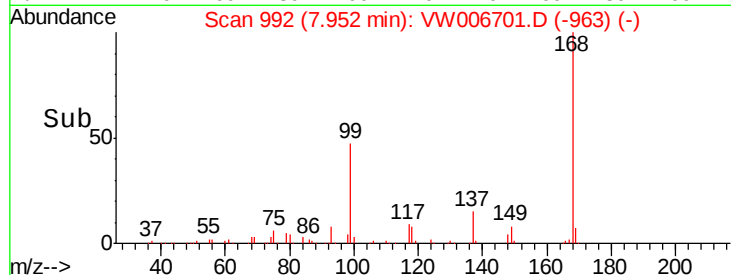
121 0.0 24.1 36.1#



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: 33.325 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006701.D

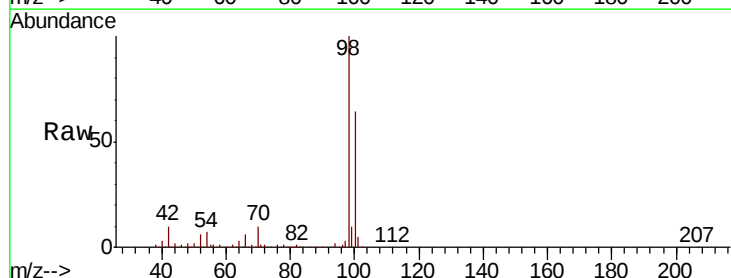
Acq: 06 Nov 2018 21:43

Tgt Ion: 98 Resp: 185338

Ion Ratio Lower Upper

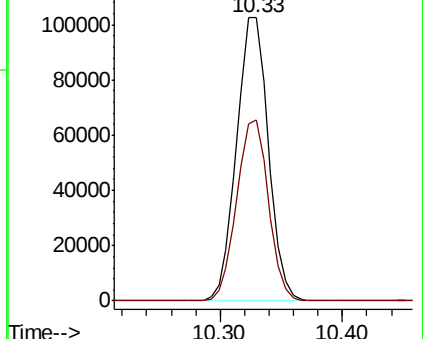
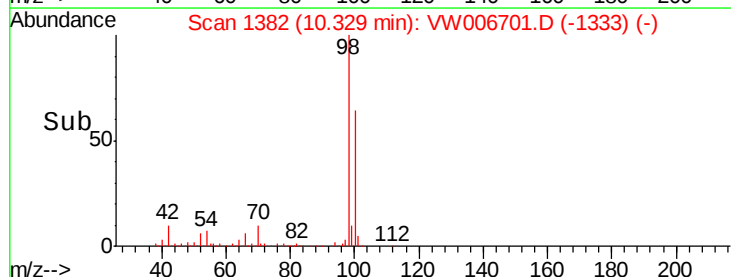
98 100

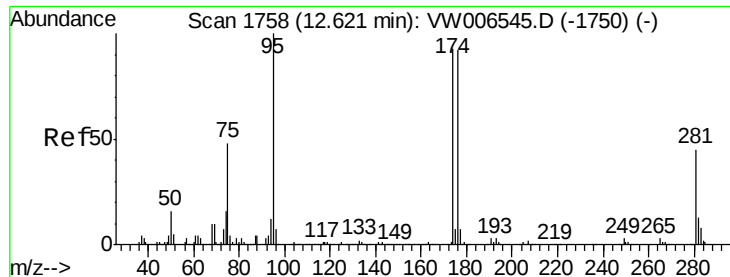
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

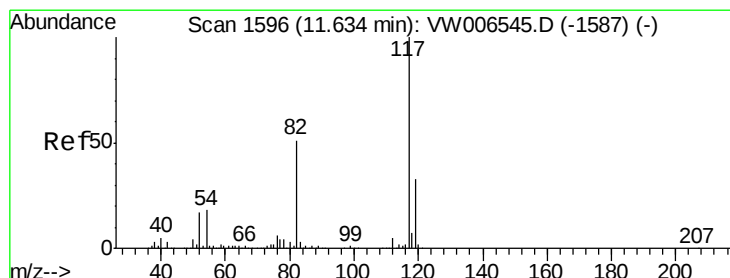
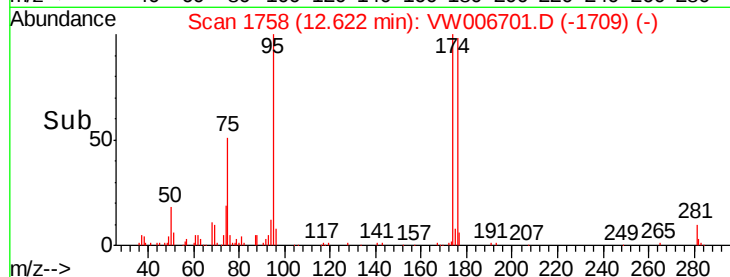
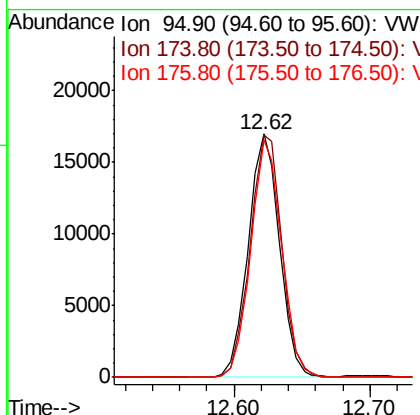
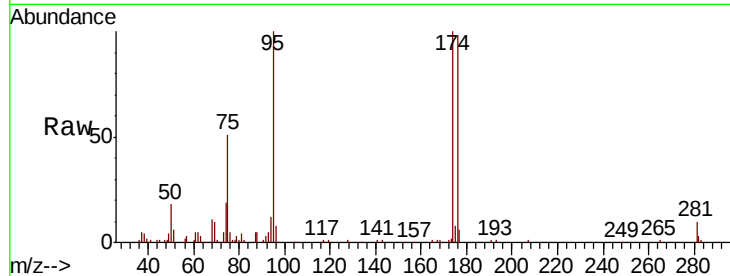




#62
4-Bromofluorobenzene
Concen: 13.631 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006701.D
Acq: 06 Nov 2018 21:43

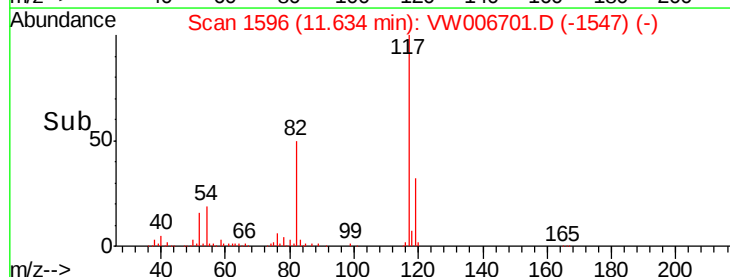
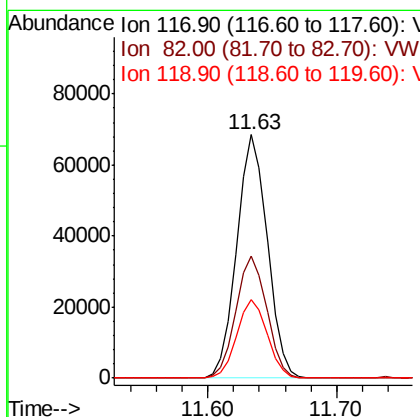
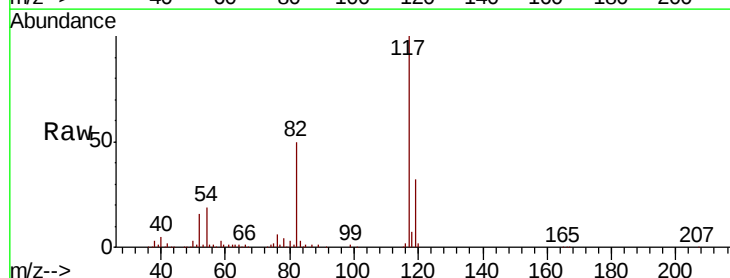
Instrument :
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ClientSampleId :
HL-R47183-RT

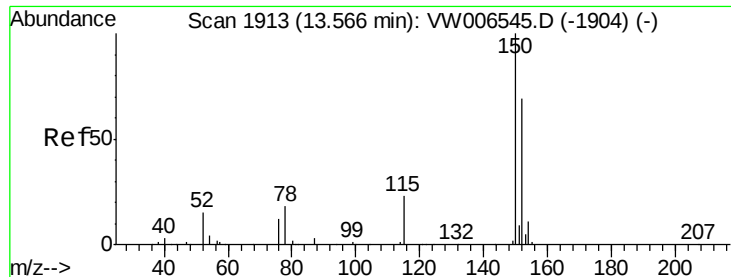
Tot Ion: 95 Resp: 27483
Ion Ratio Lower Upper
95 100
174 100.5 0.0 192.4
176 96.2 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006701.D
Acq: 06 Nov 2018 21:43

Tgt Ion: 117 Resp: 112667
Ion Ratio Lower Upper
117 100
82 50.3 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: VW006701.D

Acq: 06 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RT

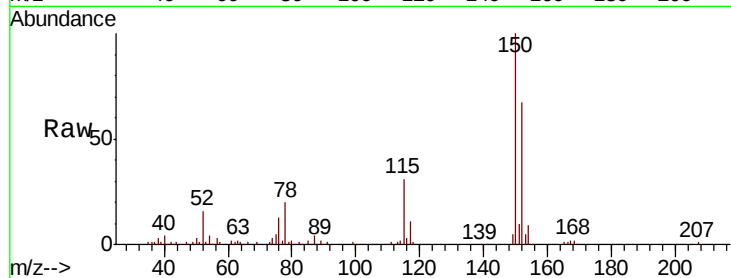
Tot Ion:152 Resp: 18192

Ion Ratio Lower Upper

152 100

115 51.6 26.6 79.8

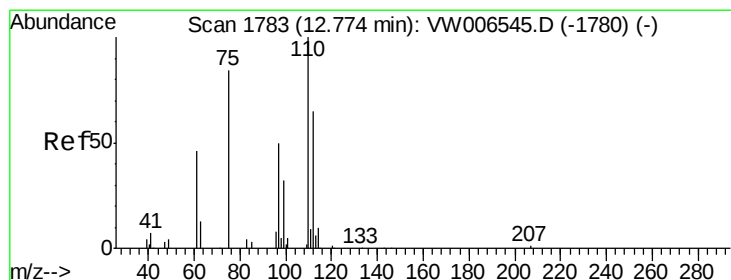
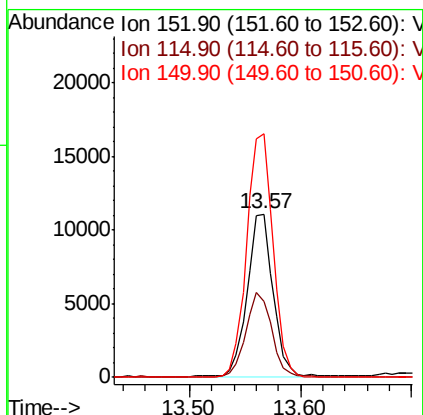
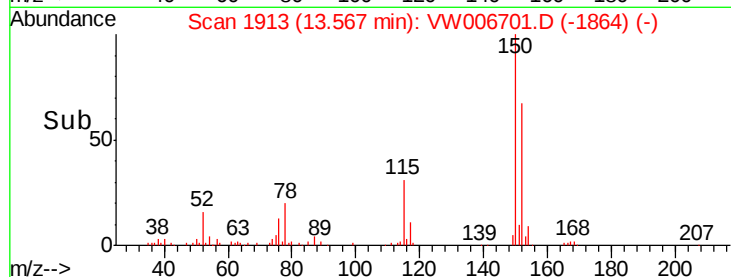
150 149.1 0.0 344.6



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: 97.020 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006701.D

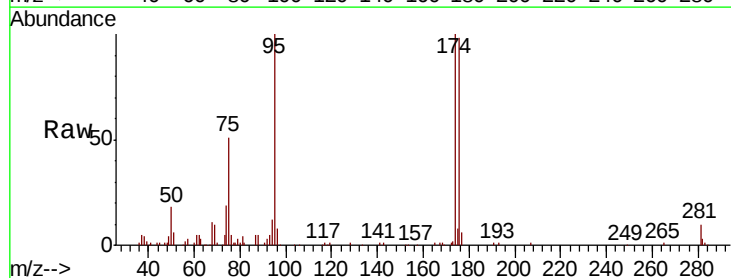
Acq: 06 Nov 2018 21:43

Tgt Ion: 75 Resp: 13771

Ion Ratio Lower Upper

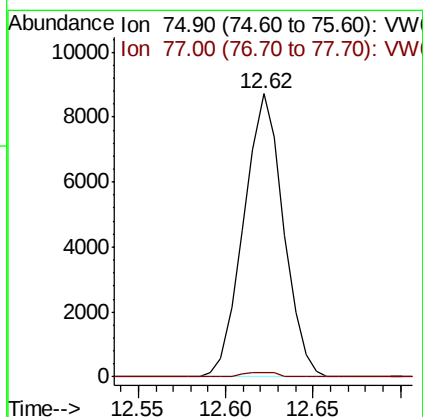
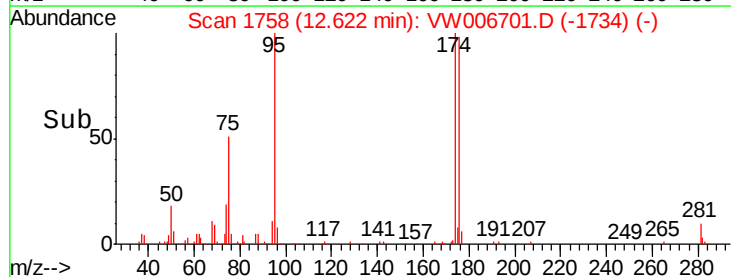
75 100

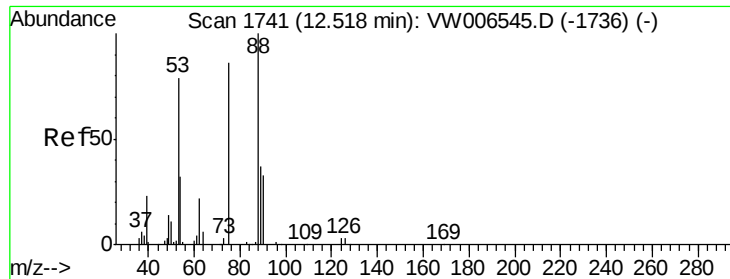
77 1.3 0.0 0.0#



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: 240.546 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006701.D

Acq: 06 Nov 2018 21:43

Instrument :

MSVOA_W

ClientSampleId :

HL-R47183-RT

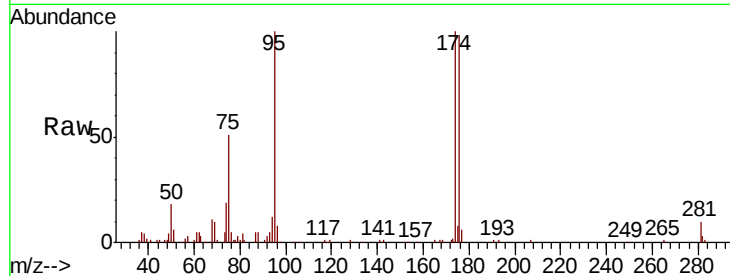
Tot Ion: 75 Resp: 13771

Ion Ratio Lower Upper

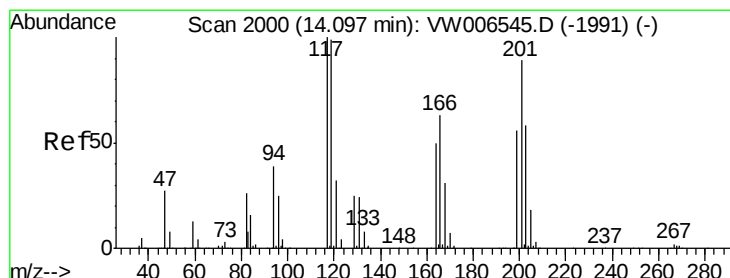
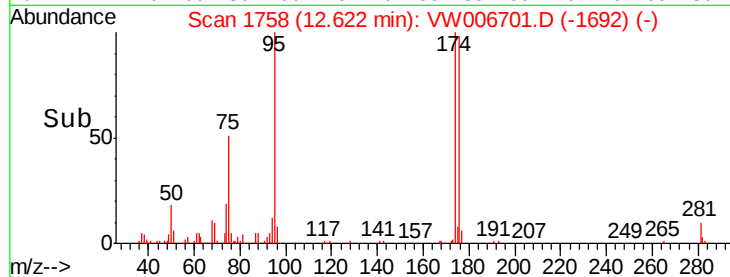
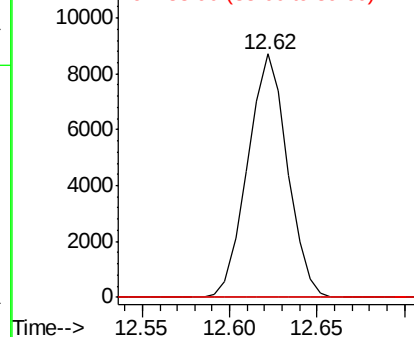
75 100

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



#90

Hexachloroethane

Concen: 1.627 ug/l

RT: 14.22 min Scan# 2020

Delta R.T. 0.12 min

Lab File: VW006701.D

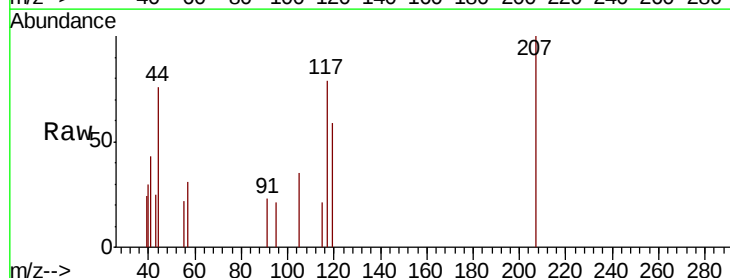
Acq: 06 Nov 2018 21:43

Tgt Ion: 117 Resp: 306

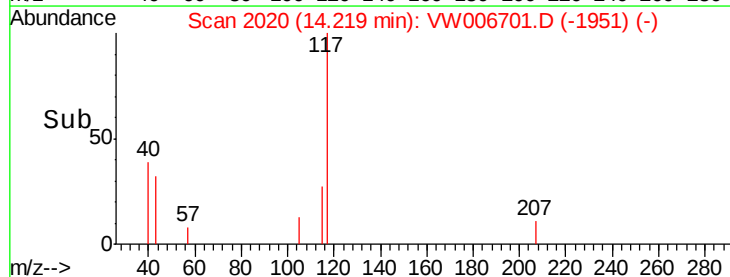
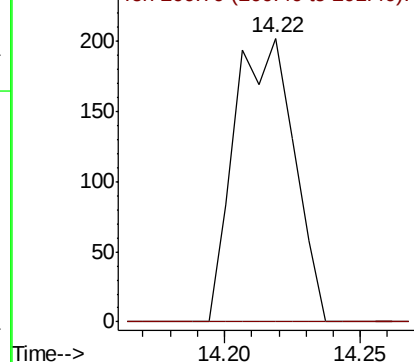
Ion Ratio Lower Upper

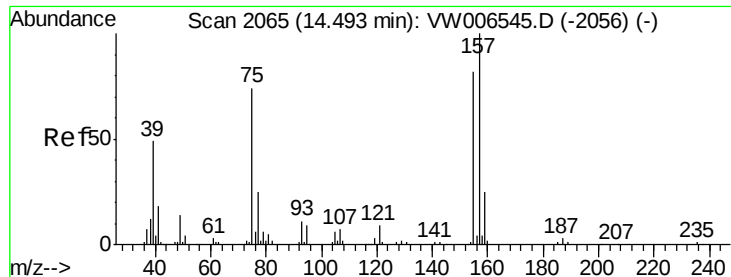
117 100

201 0.0 46.8 140.3#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

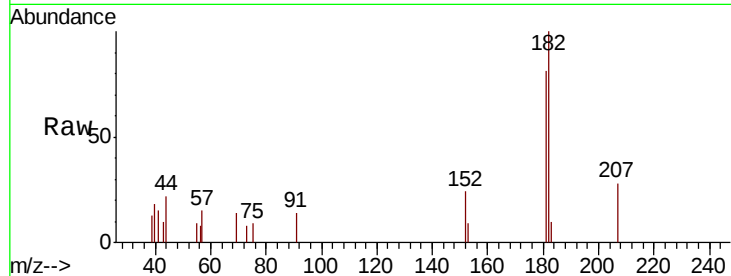




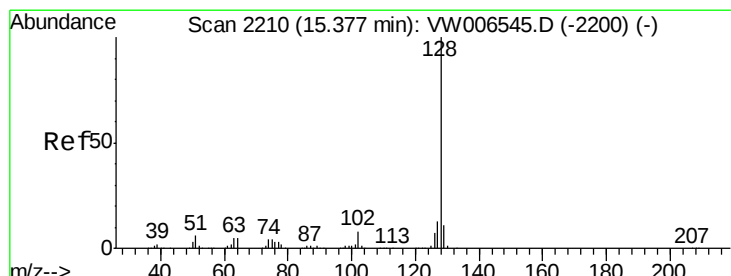
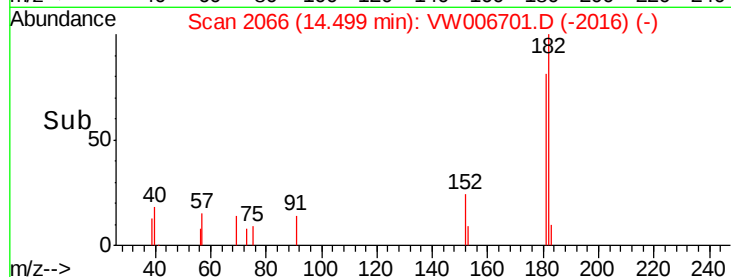
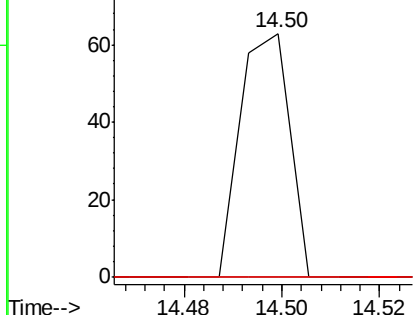
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.433 ug/l
 RT: 14.50 min Scan# 2066
 Delta R.T. 0.01 min
 Lab File: VW006701.D
 Acq: 06 Nov 2018 21:43

Instrument :
 MSVOA_W
 ClientSampleId :
 HL-R47183-RT

Tot Ion: 75 Resp: 44
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.6 151.8#
 157 0.0 65.0 195.0#

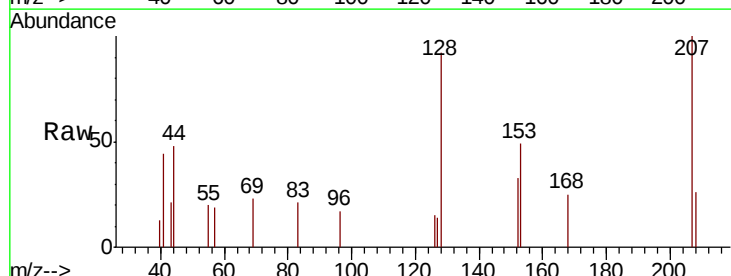


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 1.145 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW006701.D
 Acq: 06 Nov 2018 21:43

Tgt Ion: 128 Resp: 752
 Ion Ratio Lower Upper
 128 100
 127 5.3 10.3 15.5#
 129 6.9 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

