

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006563.D
 Acq On : 01 Nov 2018 16:58
 Operator : SY/AP
 Sample : J5665-05
 Misc : 4.33G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-08A

Quant Time: Nov 01 18:53:25 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

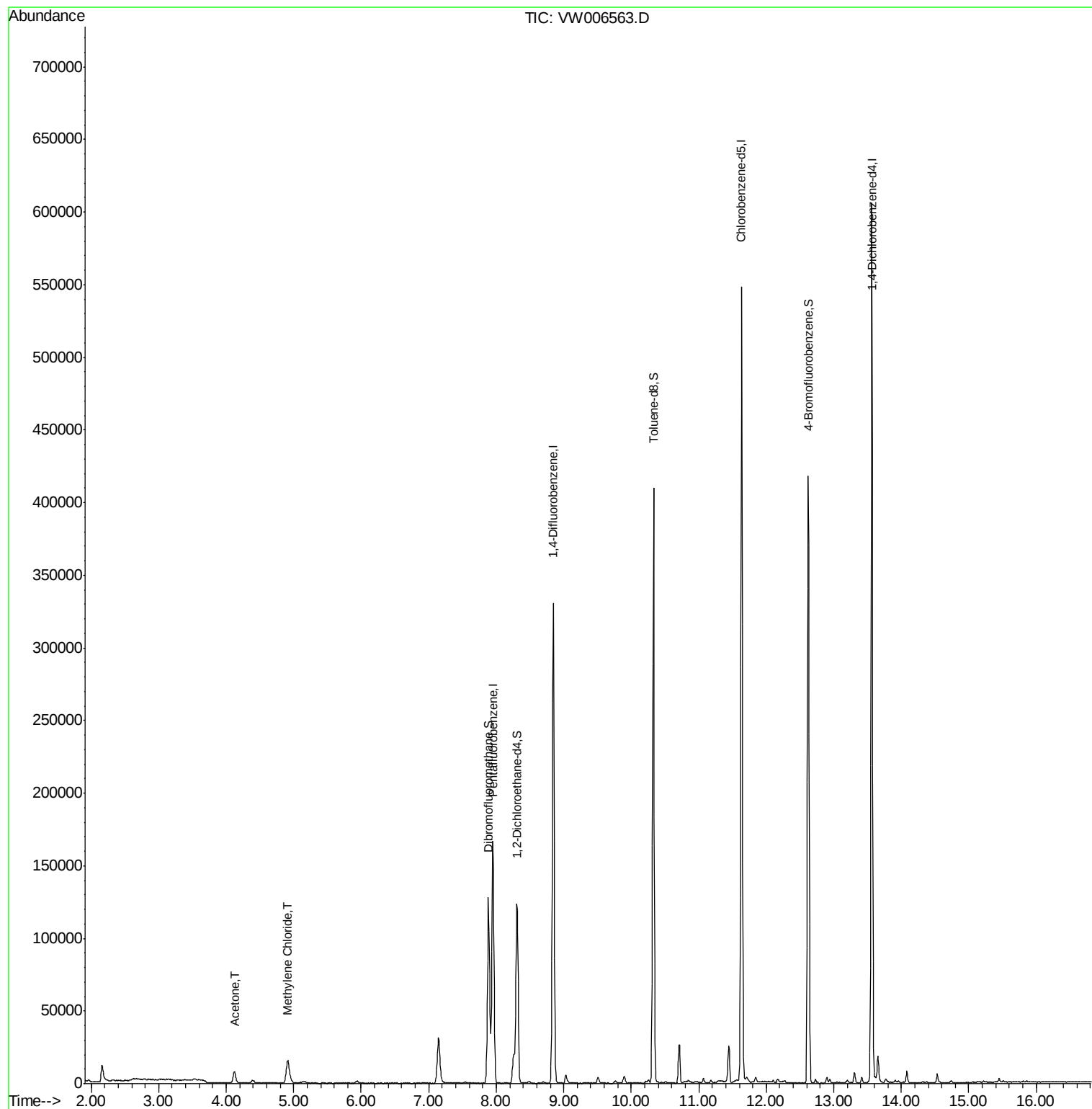
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	298153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99052	82.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	164.46%	
35) Dibromofluoromethane	7.88	113	89538	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.33	98	282664	39.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.62	95	117201	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
16) Acetone	4.12	43	14143	72.719	ug/l	99
20) Methylene Chloride	4.91	84	14561	6.336	ug/l	98

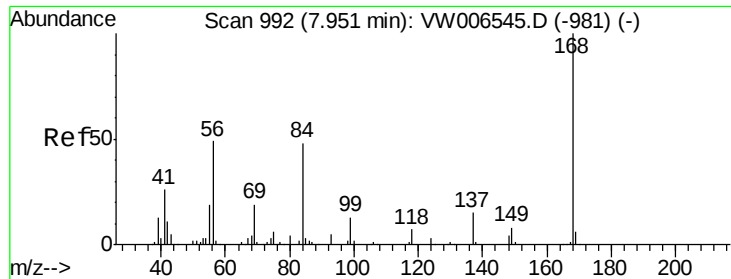
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

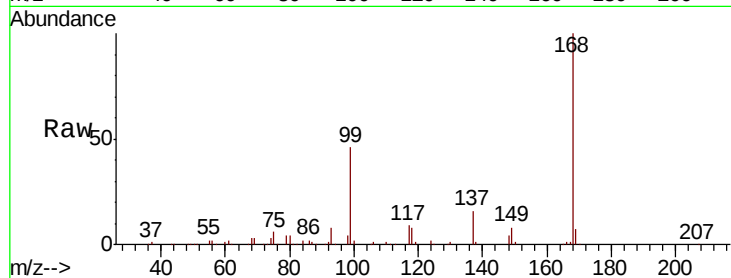
DL-08A

Tot Ion:168 Resp: 140141

Ion Ratio Lower Upper

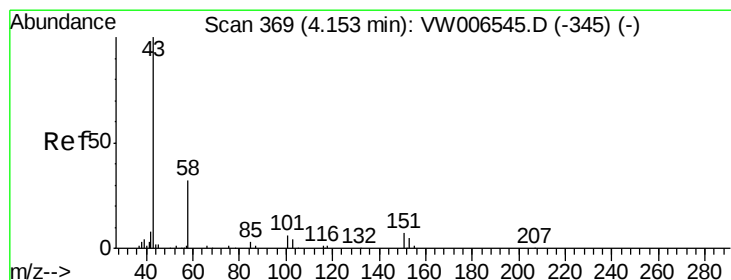
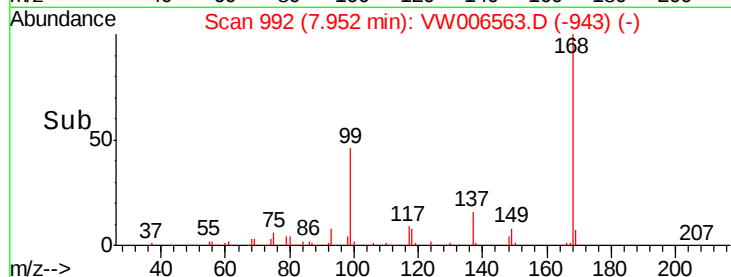
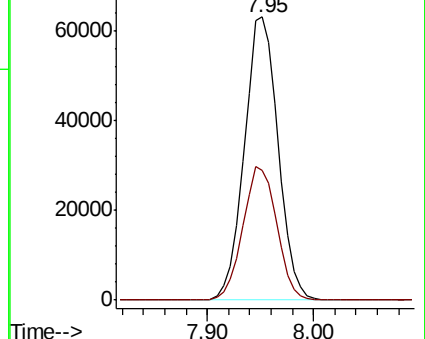
168 100

99 46.0 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: 72.719 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006563.D

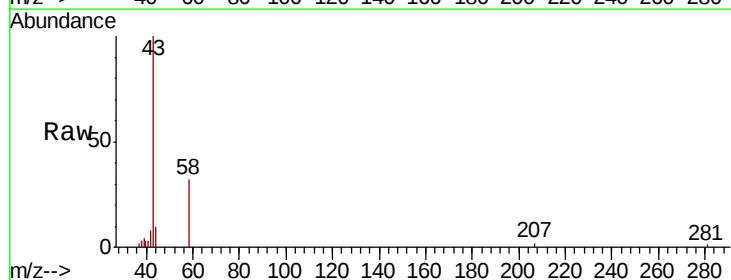
Acq: 01 Nov 2018 16:58

Tgt Ion: 43 Resp: 14143

Ion Ratio Lower Upper

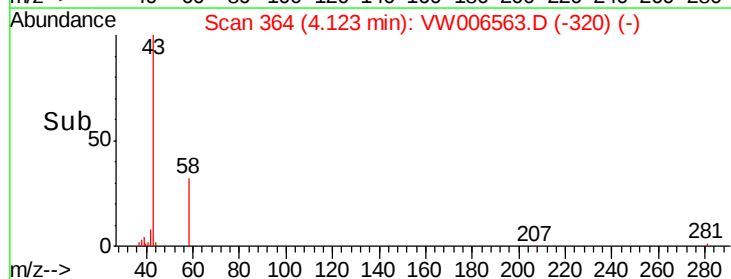
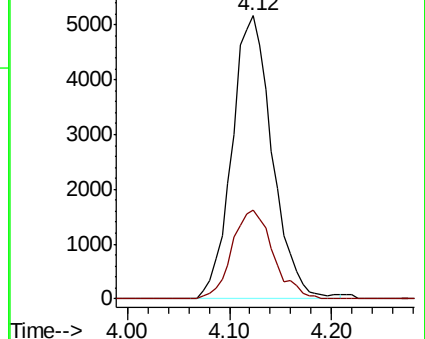
43 100

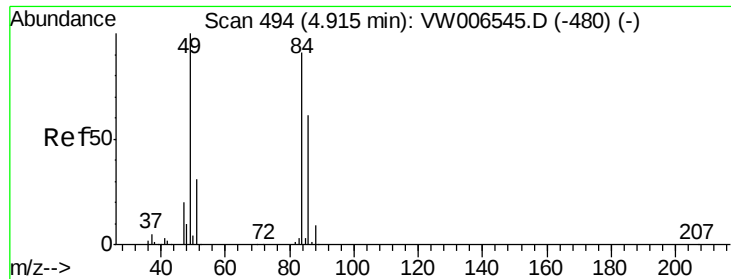
58 31.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 6.336 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006563.D

Acq: 01 Nov 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

DL-08A

Tot Ion: 84 Resp: 14561

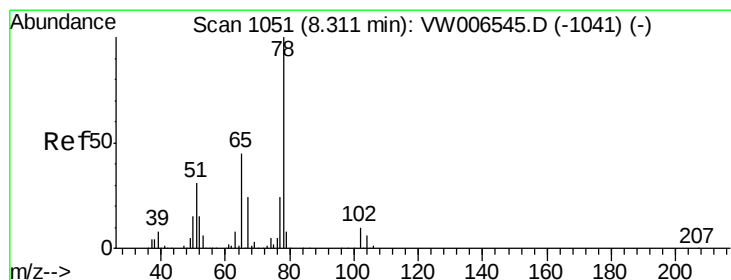
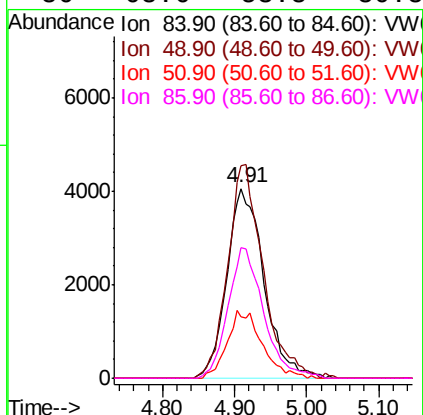
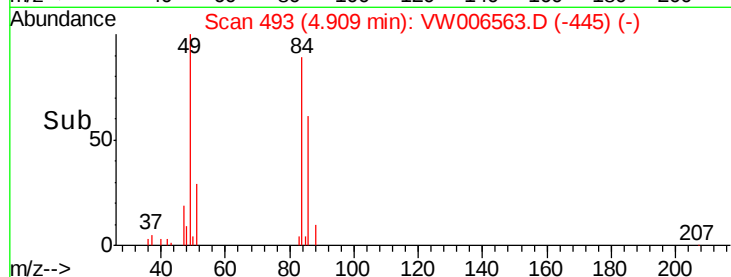
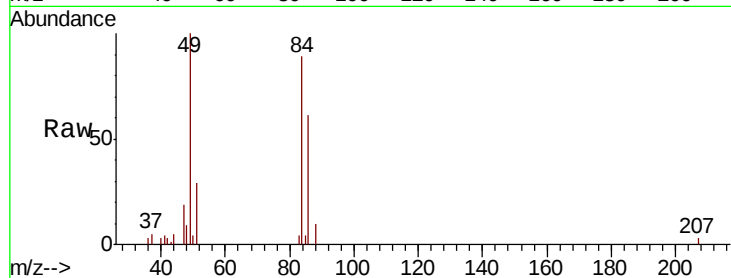
Ion Ratio Lower Upper

84 100

49 111.9 88.2 132.4

51 32.2 27.0 40.6

86 68.6 53.8 80.8



#33

1,2-Dichloroethane-d4

Concen: 82.225 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006563.D

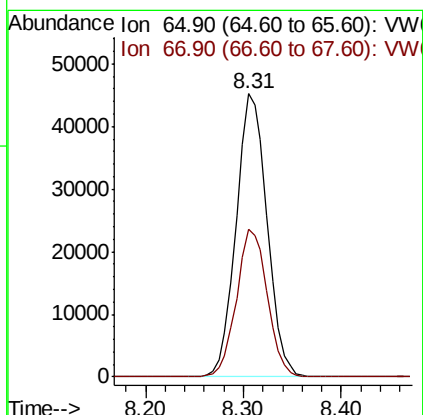
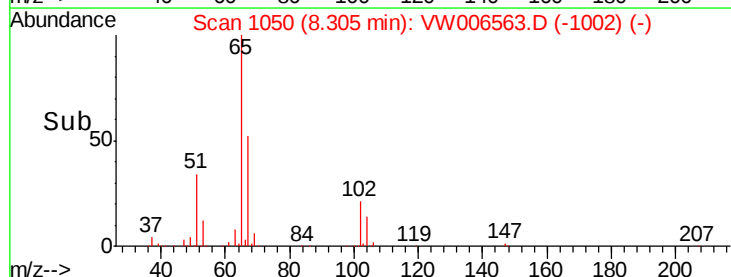
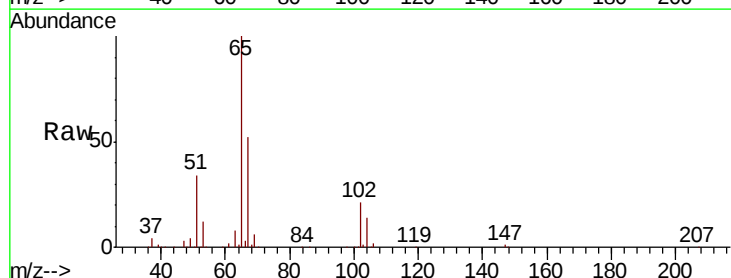
Acq: 01 Nov 2018 16:58

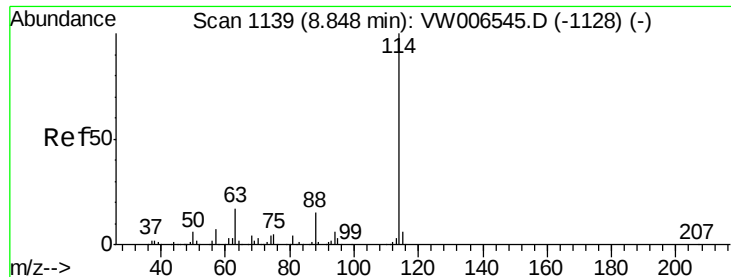
Tgt Ion: 65 Resp: 99052

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.4

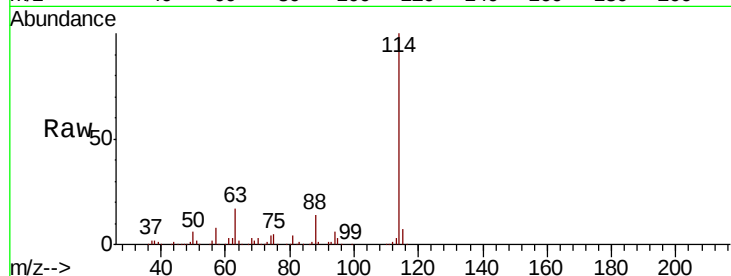




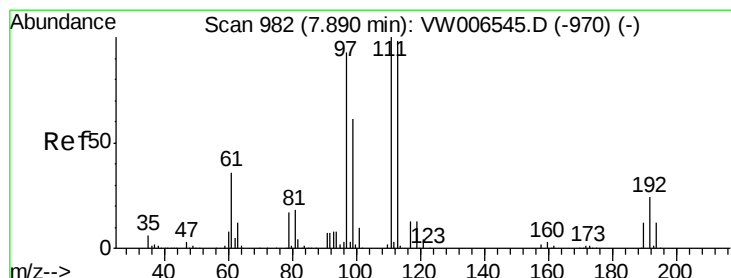
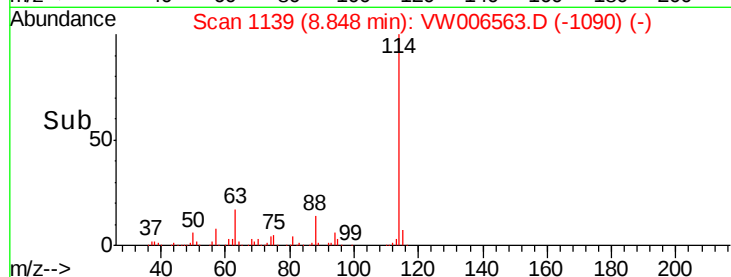
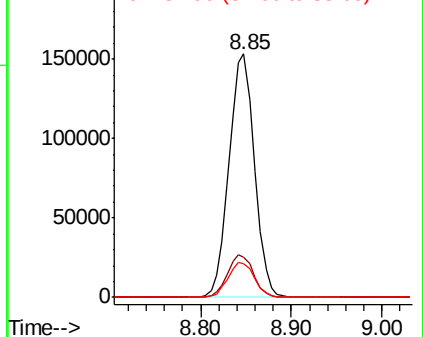
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006563.D
 Acq: 01 Nov 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-08A

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	34.4
88	14.1	0.0	29.0

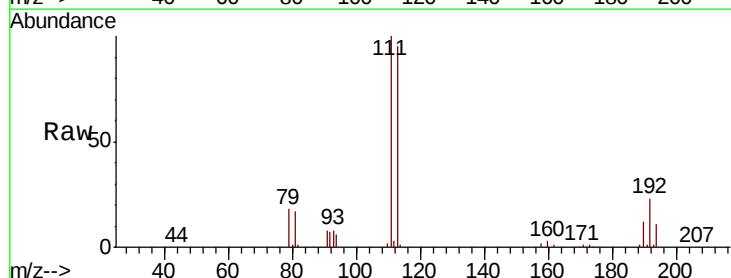


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

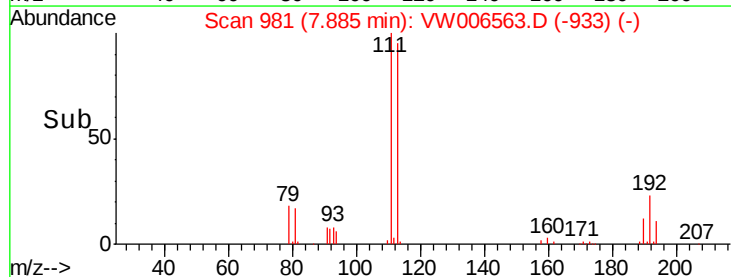
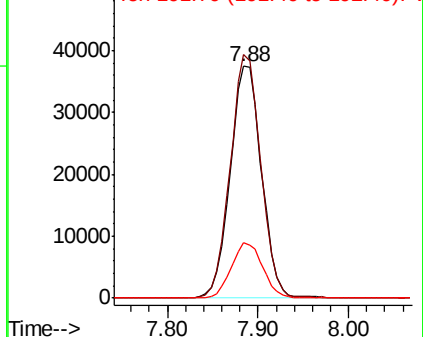


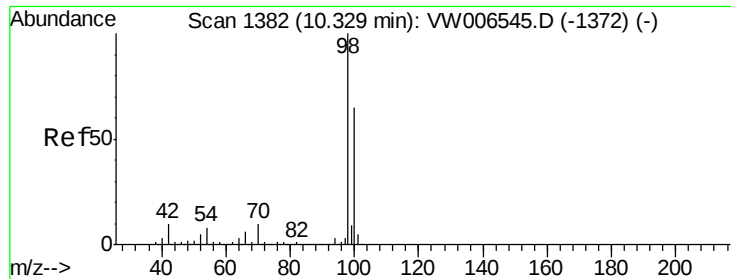
#35
 Dibromofluoromethane
 Concen: 47.852 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006563.D
 Acq: 01 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	23.9	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

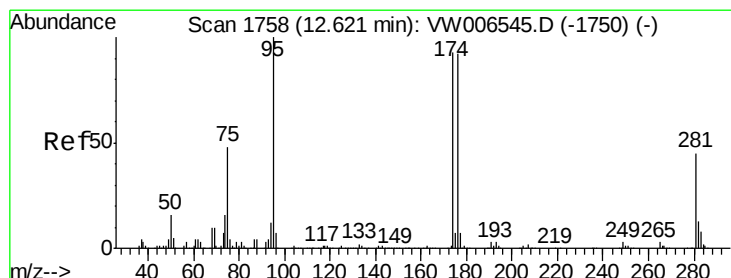
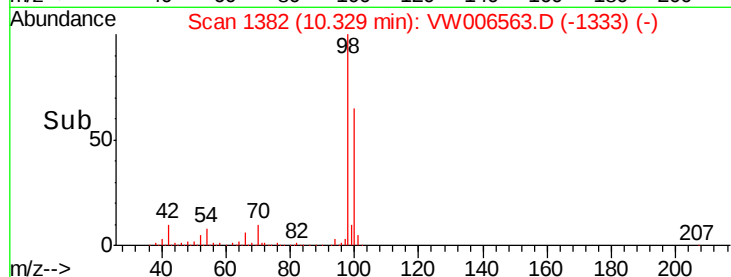
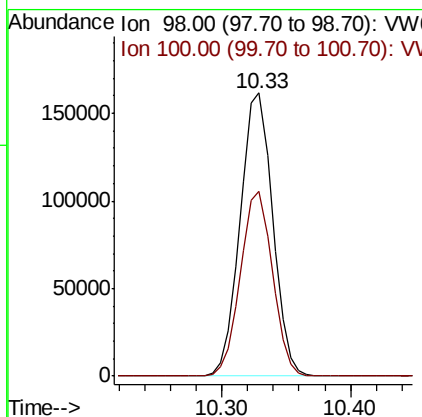
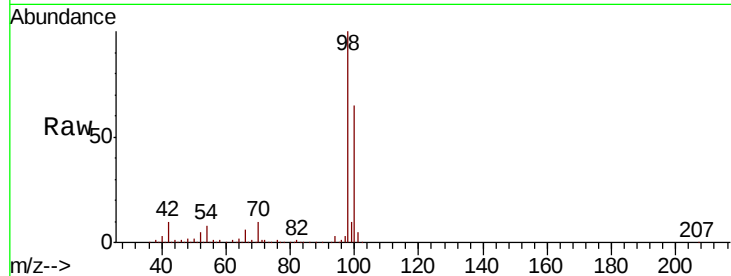




#50
Toluene-d8
Concen: 39.683 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006563.D
Acq: 01 Nov 2018 16:58

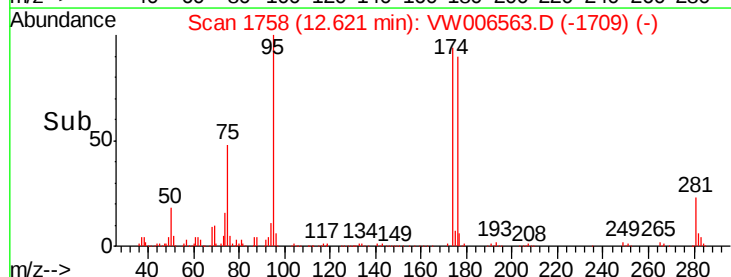
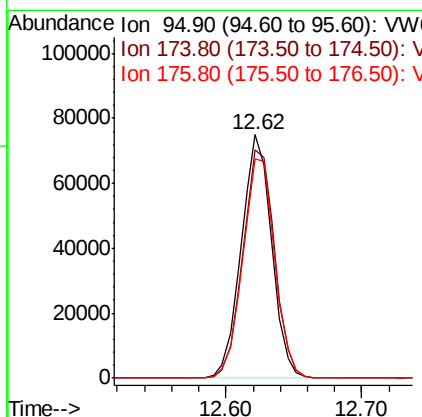
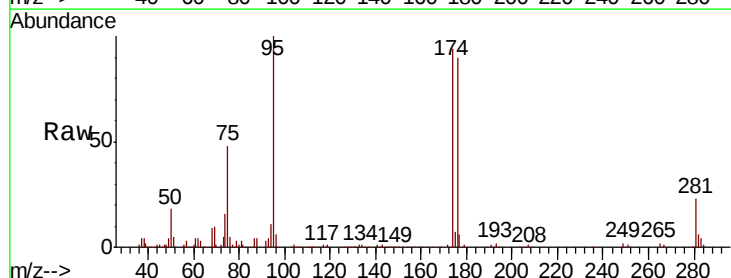
Instrument :
MSVOA_W
ClientSampleId :
DL-08A

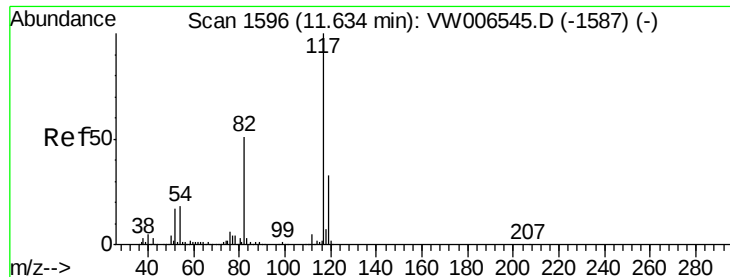
Tot Ion: 98 Resp: 282664
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.384 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006563.D
Acq: 01 Nov 2018 16:58

Tgt Ion: 95 Resp: 117201
Ion Ratio Lower Upper
95 100
174 98.0 0.0 192.4
176 94.7 0.0 187.4

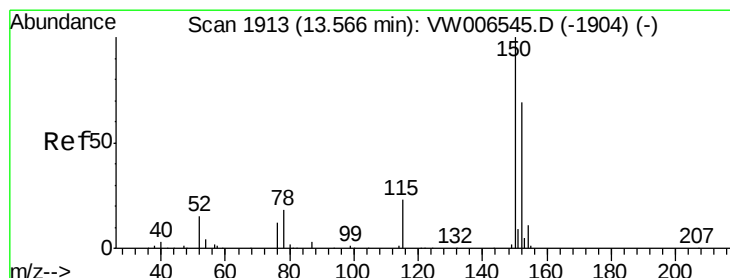
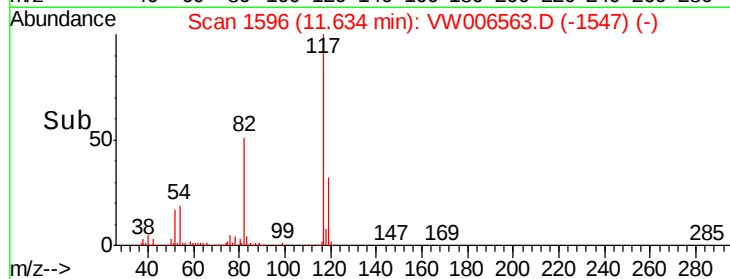
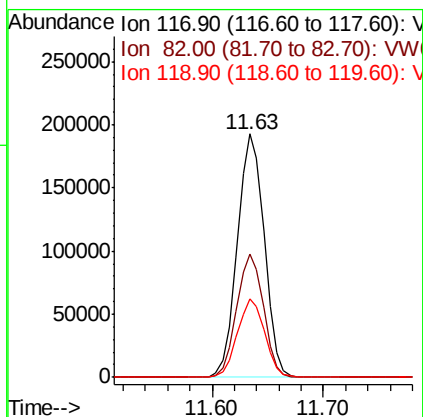
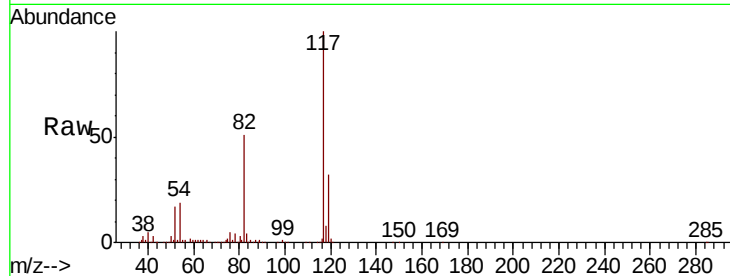




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006563.D
Acq: 01 Nov 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :
DL-08A

Tot Ion:117 Resp: 321586
Ion Ratio Lower Upper
117 100
82 50.7 40.8 61.2
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006563.D
Acq: 01 Nov 2018 16:58

Tgt Ion:152 Resp: 174505
Ion Ratio Lower Upper
152 100
115 54.4 26.6 79.8
150 157.1 0.0 344.6

