

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012107.D
 Acq On : 22 Aug 2019 13:42
 Operator : SY/VA
 Sample : K4087-01
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-082119

Quant Time: Aug 23 08:36:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

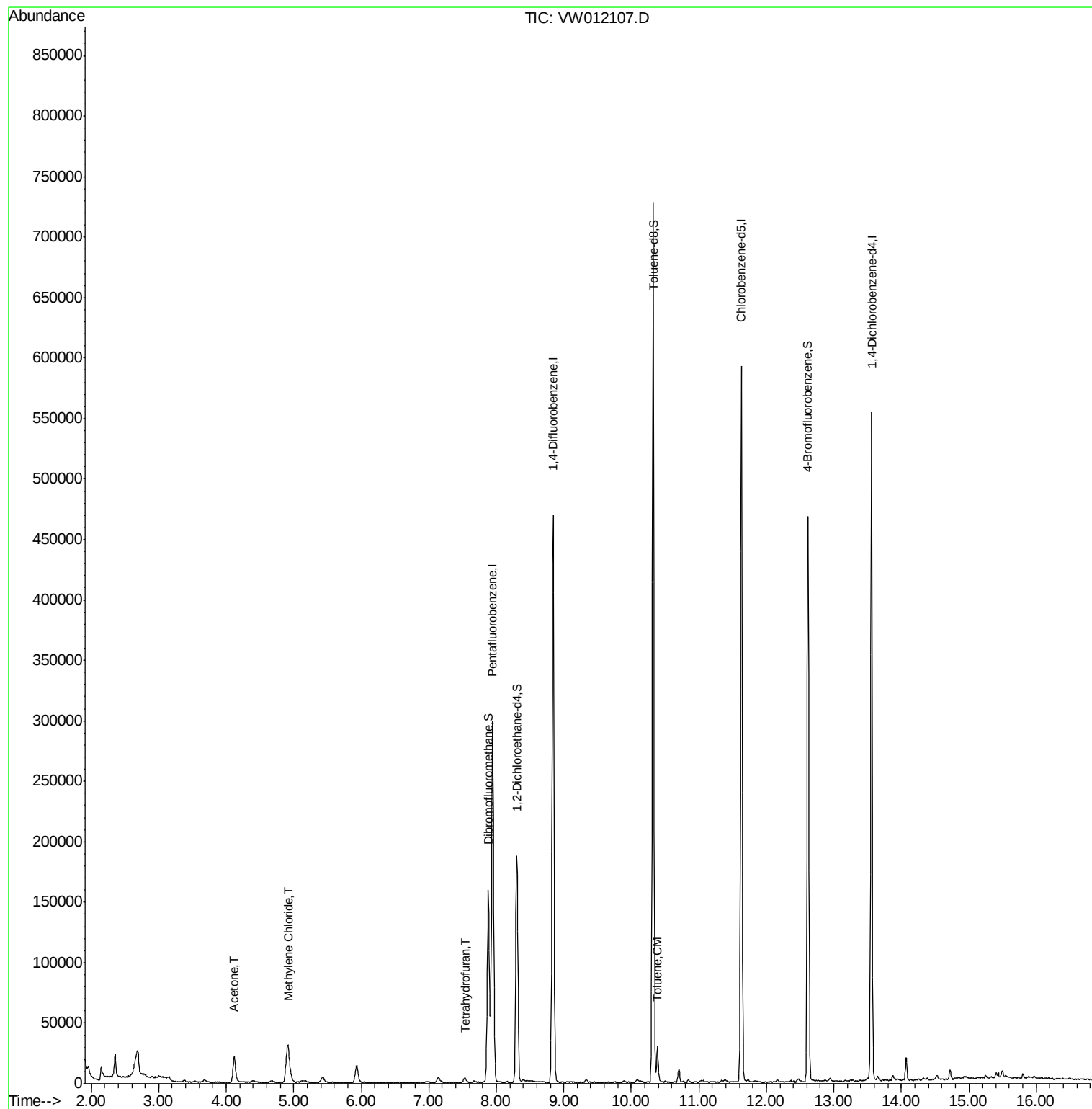
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148500	59.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.50%	
35) Dibromofluoromethane	7.88	113	112134	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	10.32	98	451090	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.62	95	150807	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
Target Compounds						
16) Acetone	4.12	43	39107	49.053	ug/l	99
20) Methylene Chloride	4.91	84	25579	9.303	ug/l	99
29) Tetrahydrofuran	7.53	42	3627	6.082	ug/l	98
52) Toluene	10.39	92	11572	1.802	ug/l	98

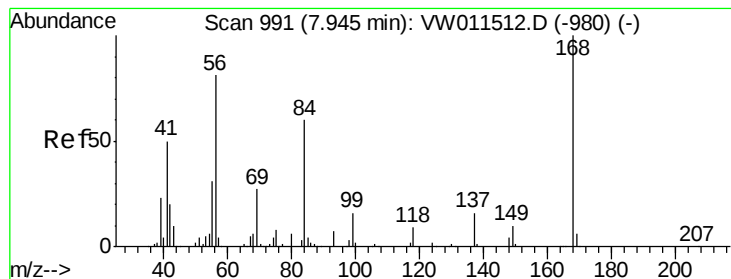
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082219\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

Instrument :

MSVOA_W

ClientSampleId :

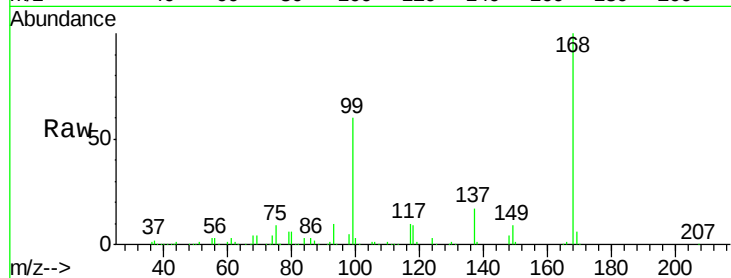
HD-02-082119

Tot Ion:168 Resp: 218263

Ion Ratio Lower Upper

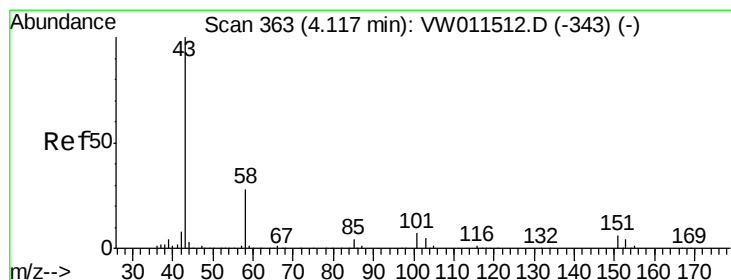
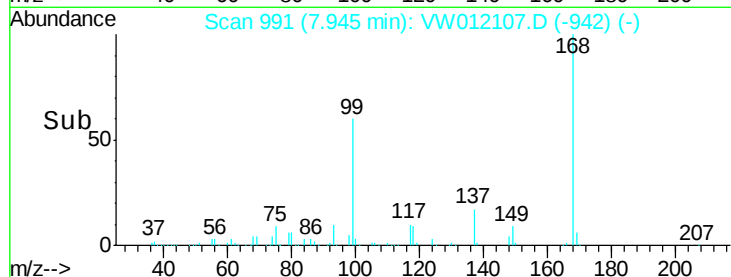
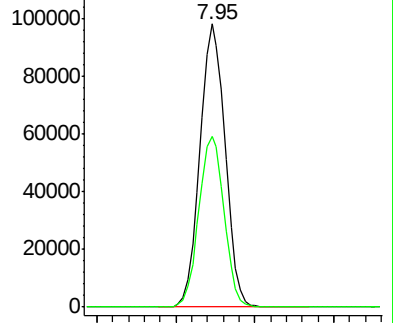
168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 49.053 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW012107.D

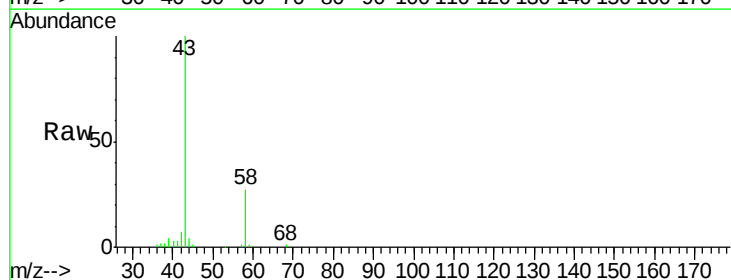
Acq: 22 Aug 2019 13:42

Tgt Ion: 43 Resp: 39107

Ion Ratio Lower Upper

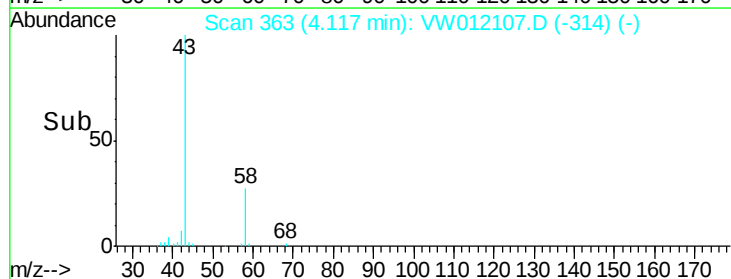
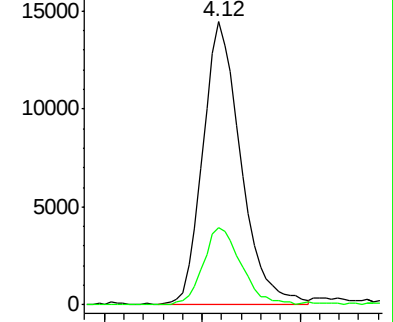
43 100

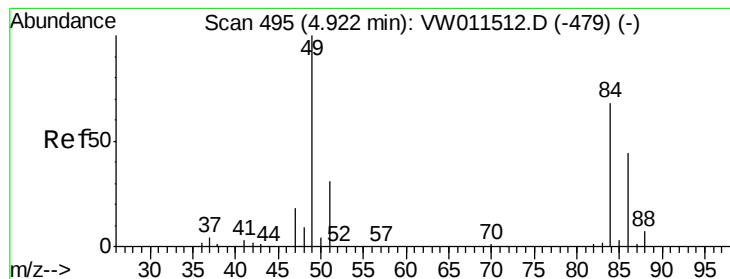
58 27.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 9.303 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

Instrument :

MSVOA_W

ClientSampleId :

HD-02-082119

Tot Ion: 84 Resp: 25579

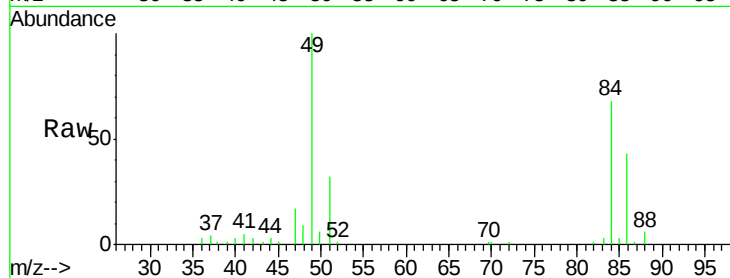
Ion Ratio Lower Upper

84 100

49 146.7 117.8 176.6

51 47.3 37.0 55.4

86 63.2 51.8 77.8

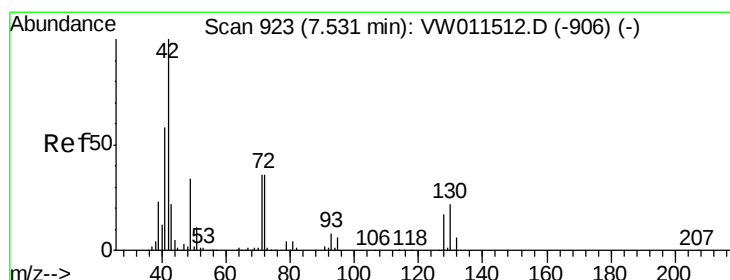
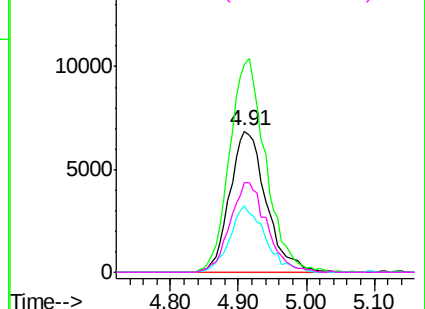
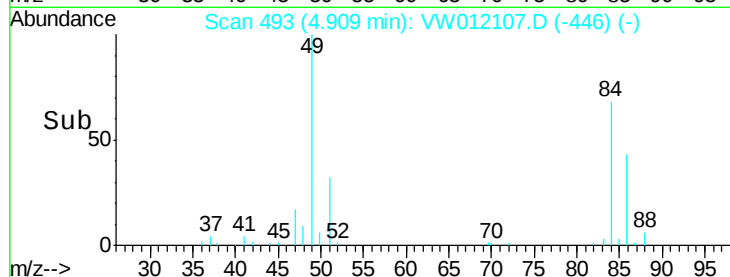


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 6.082 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

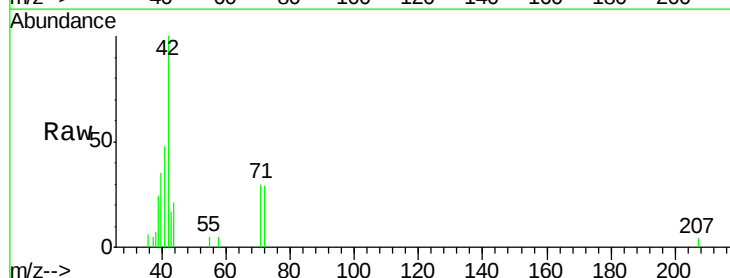
Tgt Ion: 42 Resp: 3627

Ion Ratio Lower Upper

42 100

72 34.2 27.1 40.7

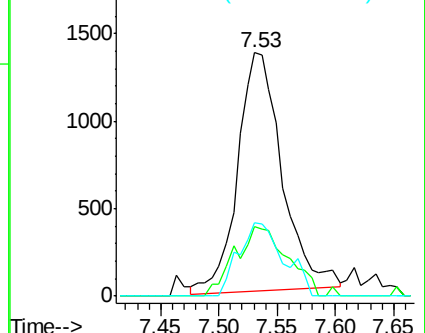
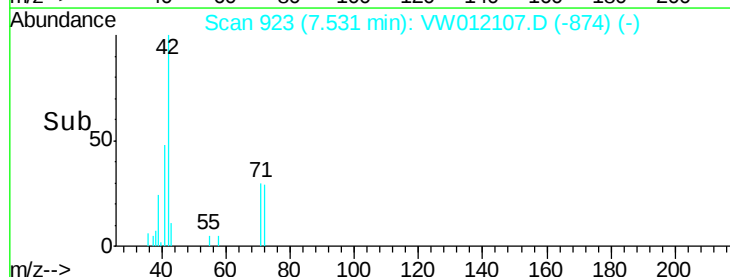
71 30.8 26.2 39.4

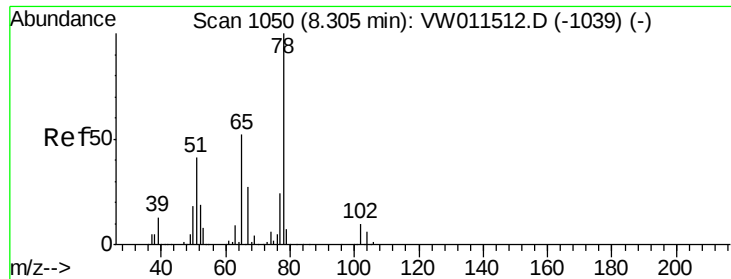


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 59.251 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

Instrument :

MSVOA_W

ClientSampleId :

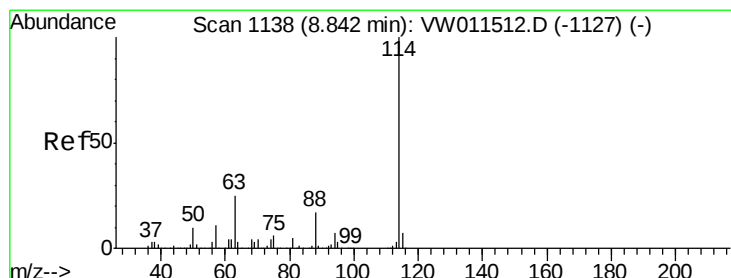
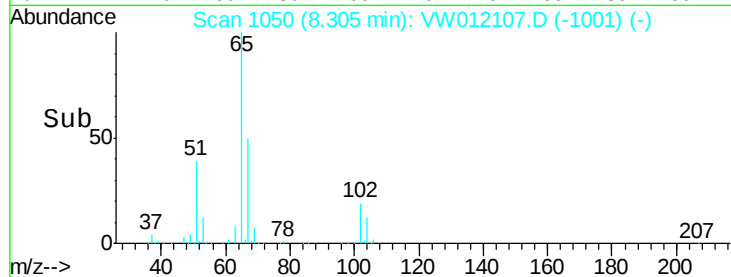
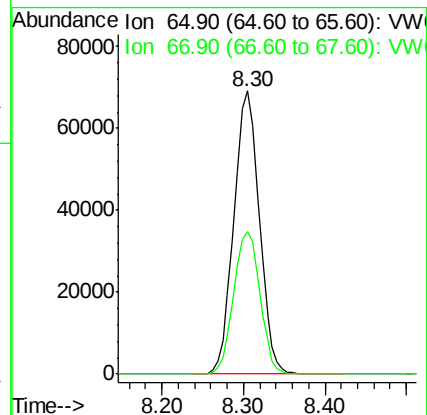
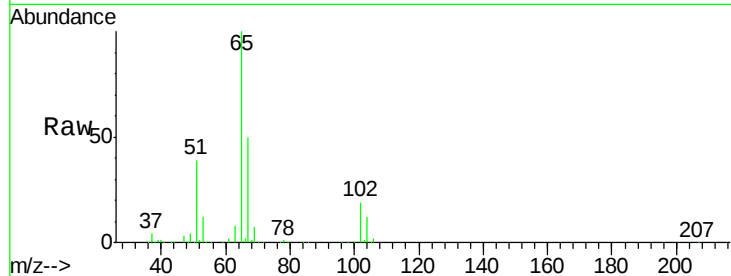
HD-02-082119

Tot Ion: 65 Resp: 148500

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

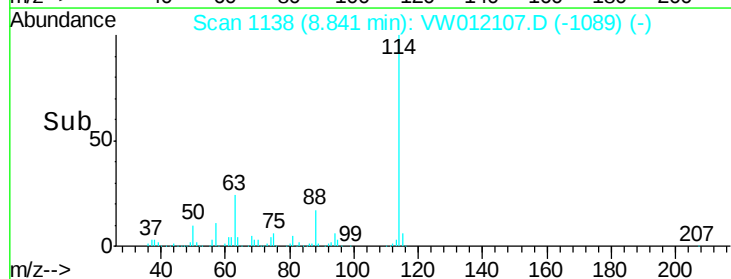
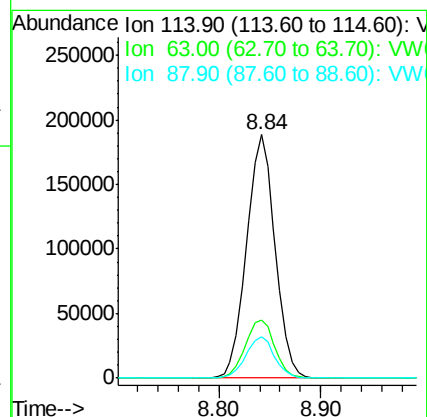
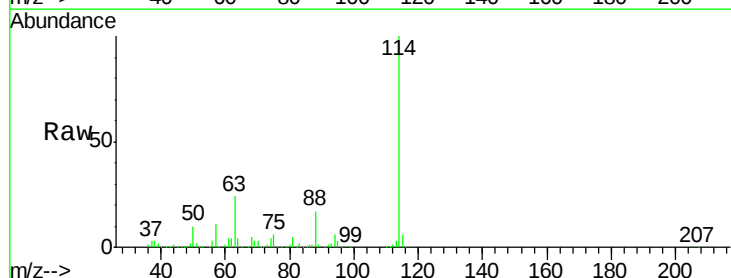
Tgt Ion: 114 Resp: 365123

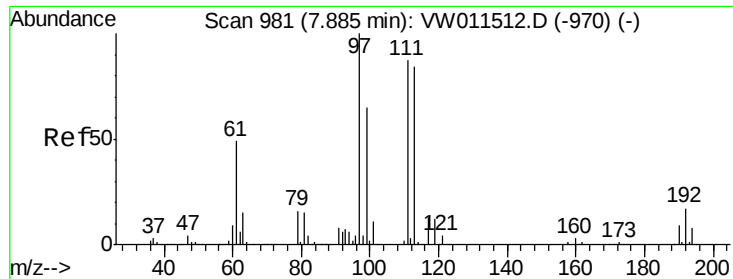
Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

88 16.8 0.0 33.8

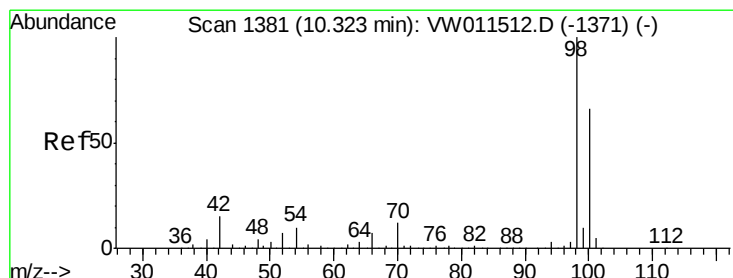
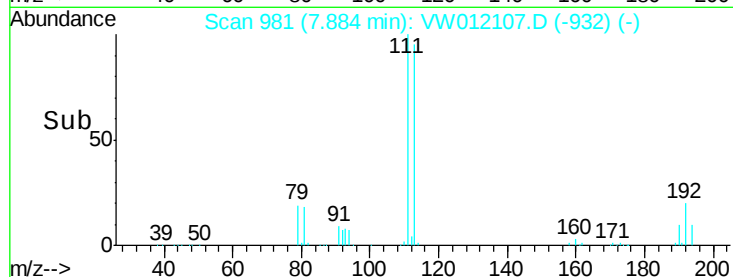
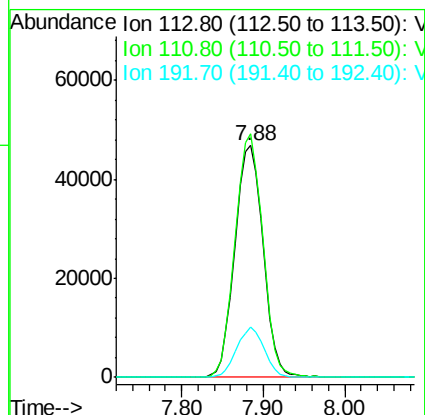
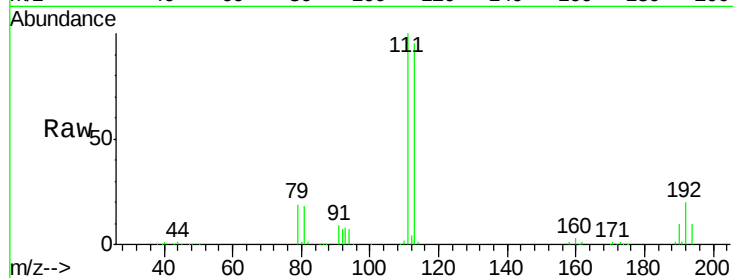




#35
Dibromofluoromethane
Concen: 54.742 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012107.D
Acq: 22 Aug 2019 13:42

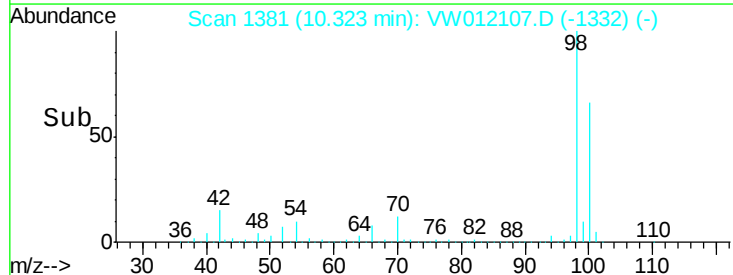
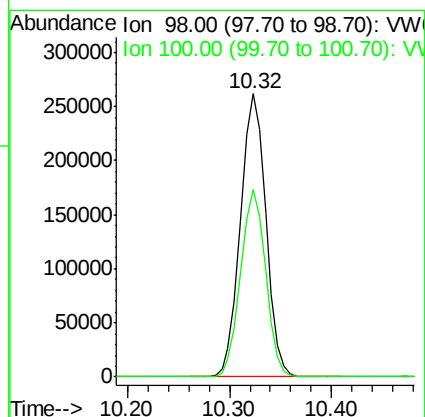
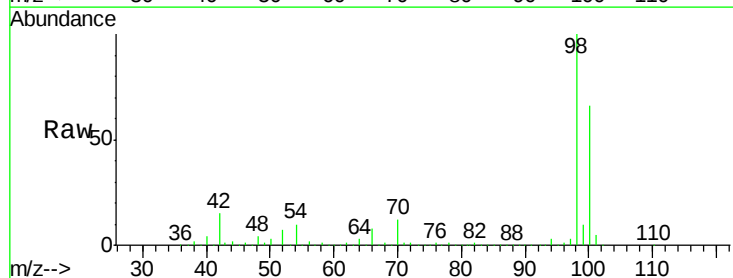
Instrument :
MSVOA_W
ClientSampleId :
HD-02-082119

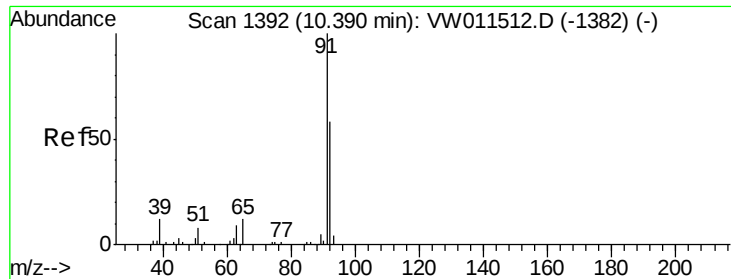
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.9	16.1	24.1



#50
Toluene-d8
Concen: 53.786 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012107.D
Acq: 22 Aug 2019 13:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1





#52

Toluene

Concen: 1.802 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

Instrument :

MSVOA_W

ClientSampleId :

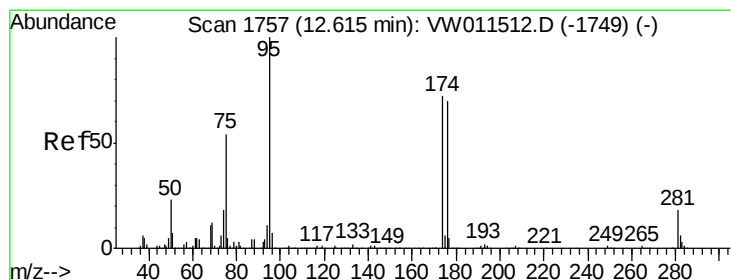
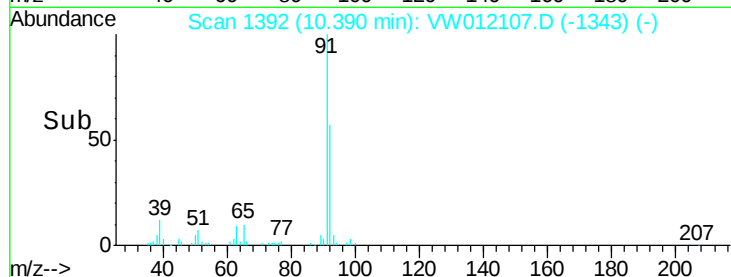
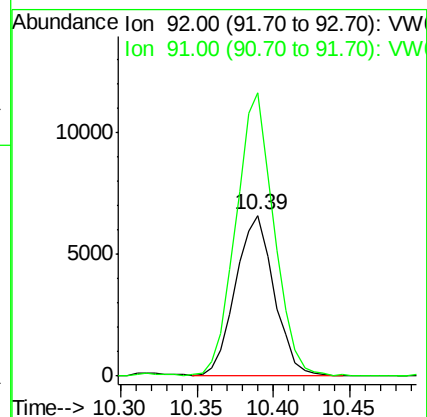
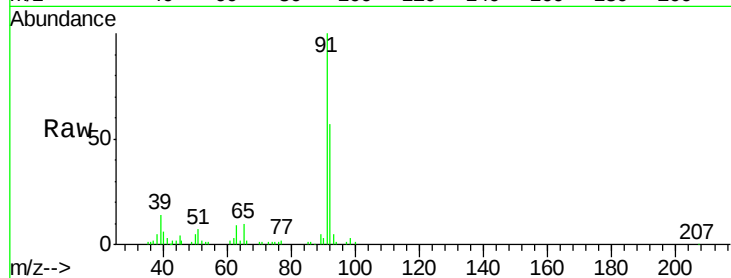
HD-02-082119

Tot Ion: 92 Resp: 11572

Ion Ratio Lower Upper

92 100

91 173.4 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 50.436 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012107.D

Acq: 22 Aug 2019 13:42

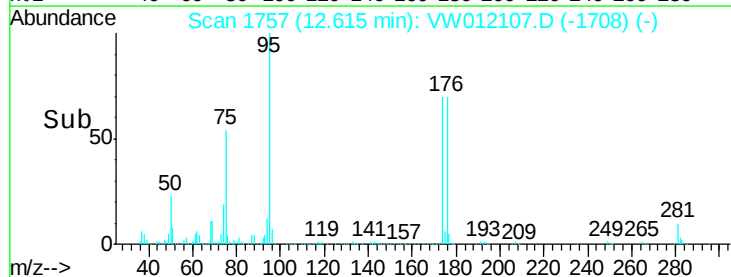
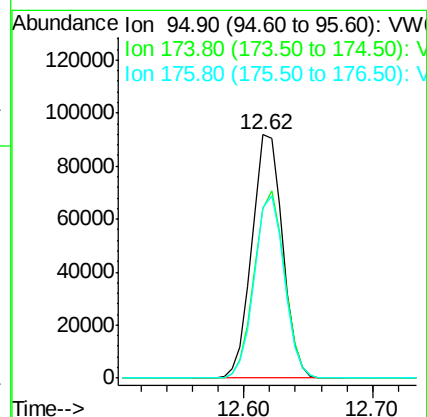
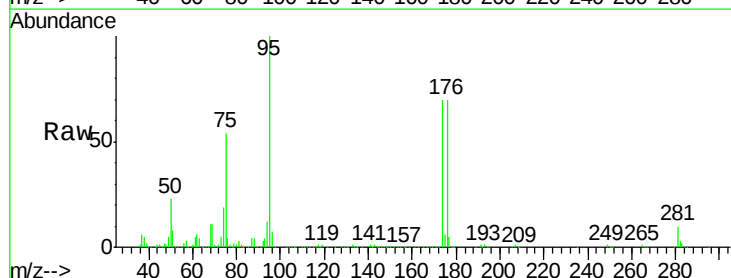
Tgt Ion: 95 Resp: 150807

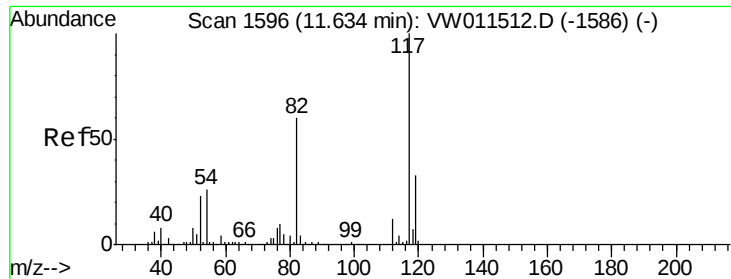
Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

176 73.2 0.0 144.4

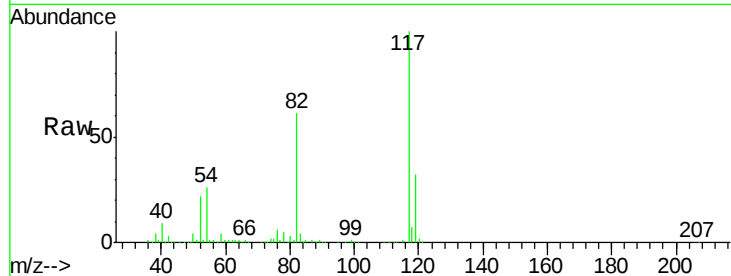




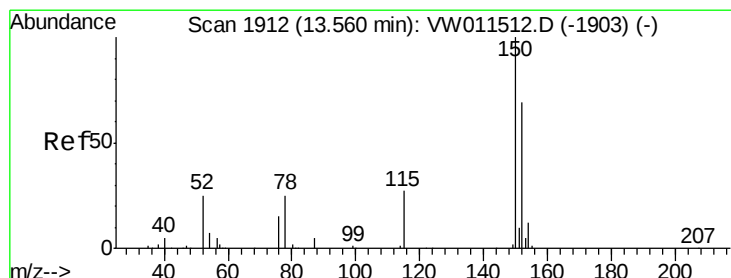
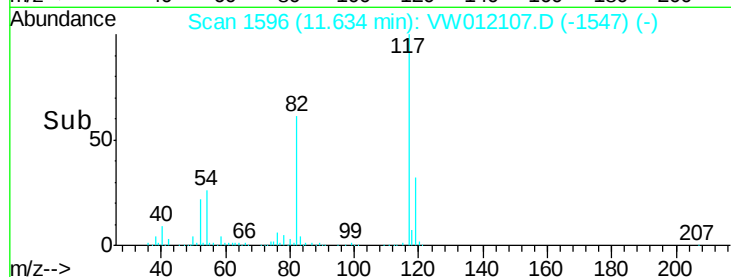
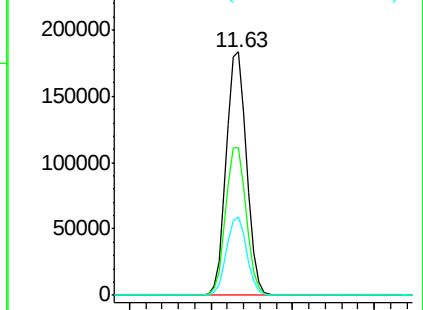
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012107.D
Acq: 22 Aug 2019 13:42

Instrument :
MSVOA_W
ClientSampleId :
HD-02-082119

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.9	71.9
119	32.4	26.2	39.2

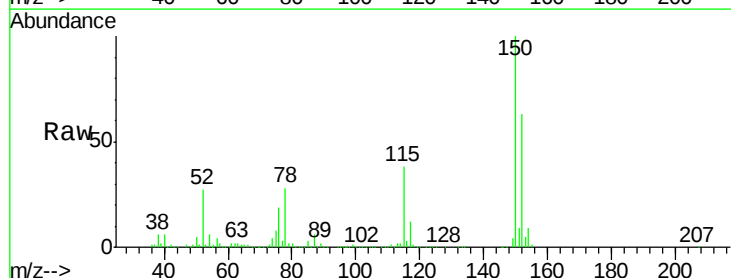


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012107.D
Acq: 22 Aug 2019 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.5	91.5
150	158.6	0.0	352.6



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

