

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009097.D
 Acq On : 11 Mar 2019 19:59
 Operator : SY/VA
 Sample : K1691-05
 Misc : 6.24G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-030819-C

Quant Time: Mar 12 09:00:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

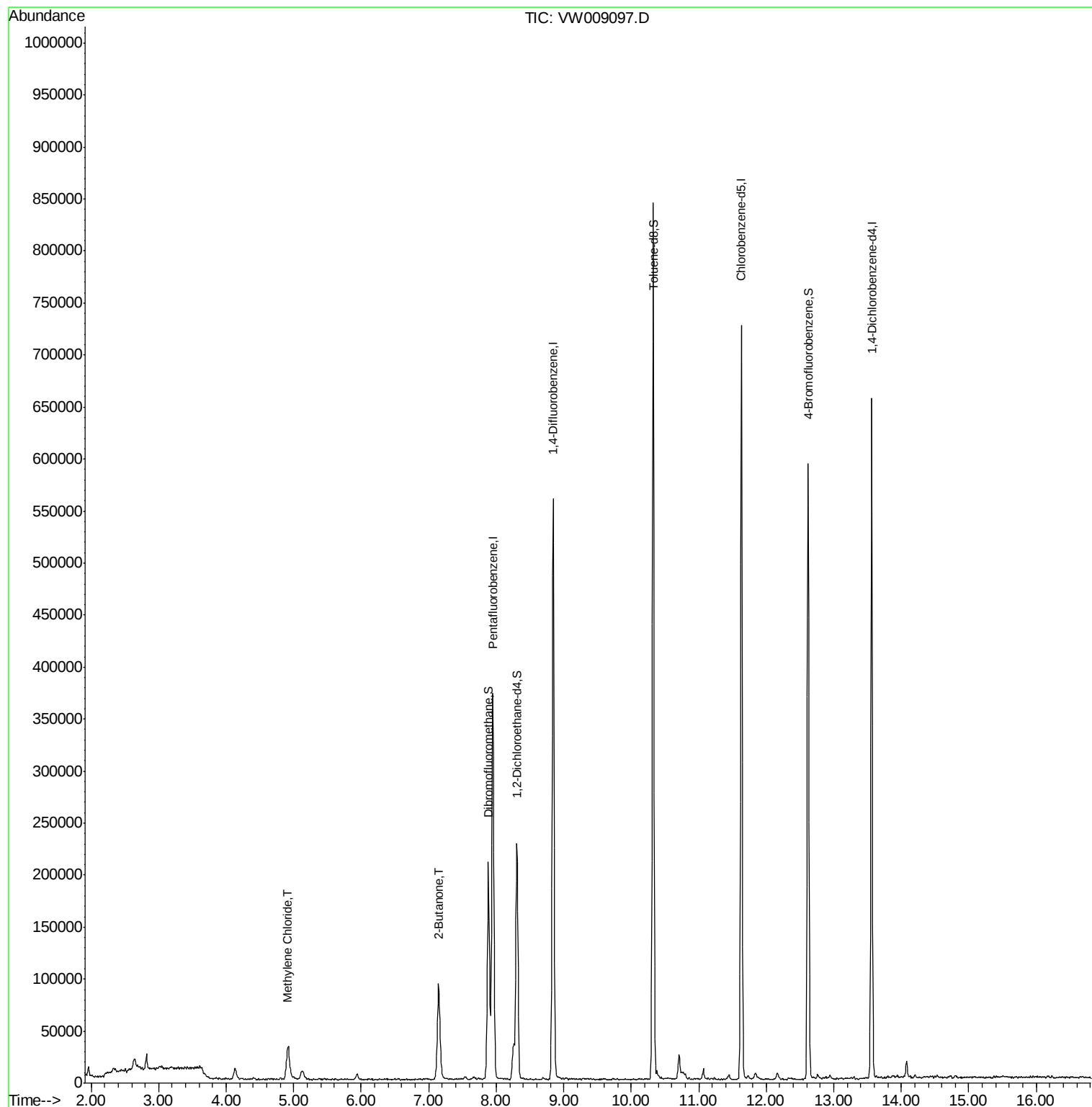
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	168794	60.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.12%	
35) Dibromofluoromethane	7.88	113	140695	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	10.32	98	532689	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	168506	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
20) Methylene Chloride	4.91	84	24928	3.286	ug/l	97
25) 2-Butanone	7.15	43	6346	7.240	ug/l	98

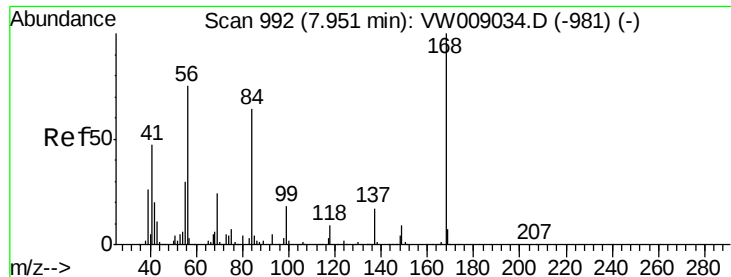
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 05:22:30 2019
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: VW009097.D

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MSVOA_W

ClientSampleId :

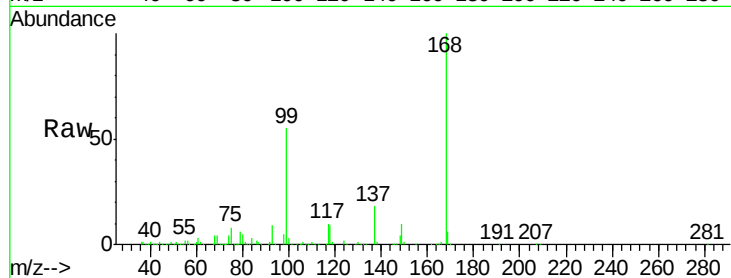
CL-02-030819-C

Tot Ion:168 Resp: 279342

Ion Ratio Lower Upper

168 100

99 54.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

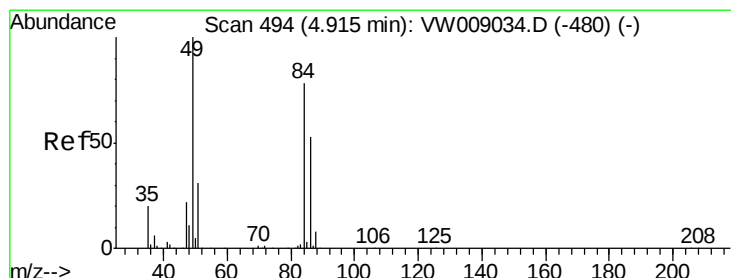
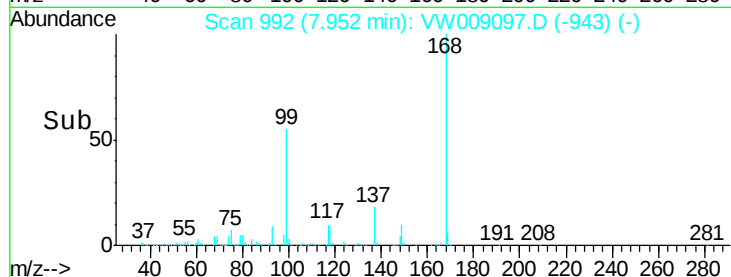
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.286 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009097.D

Acq: 11 Mar 2019 19:59

Tgt Ion: 84 Resp: 24928

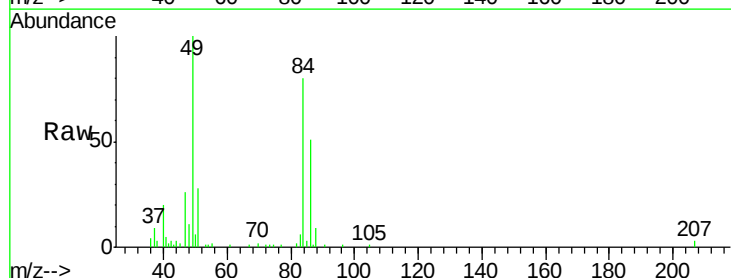
Ion Ratio Lower Upper

84 100

49 125.8 102.4 153.6

51 35.6 31.6 47.4

86 64.3 54.5 81.7



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

4.91

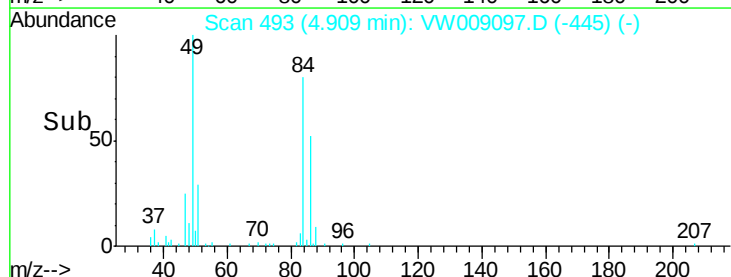
15000

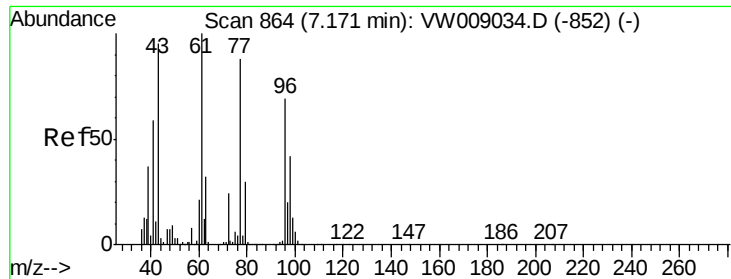
10000

5000

0

Time-->





#25

2-Butanone

Concen: 7.240 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW009097.D

Acq: 11 Mar 2019 19:59

Instrument :

MSVOA_W

ClientSampleId :

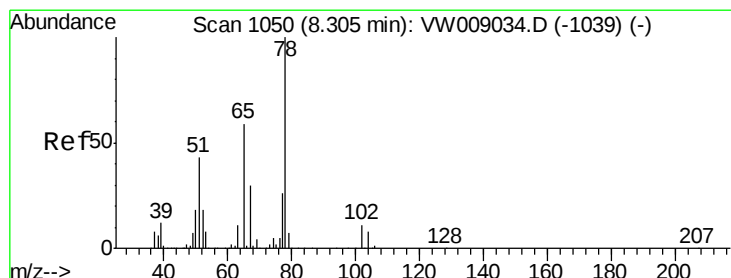
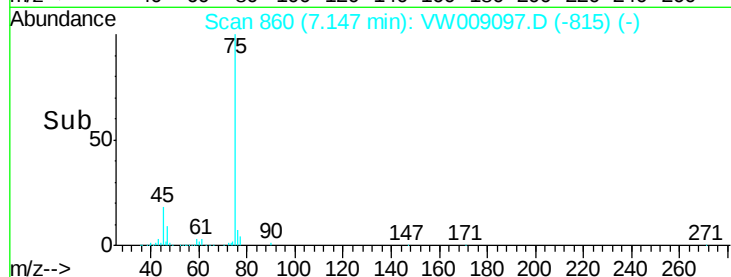
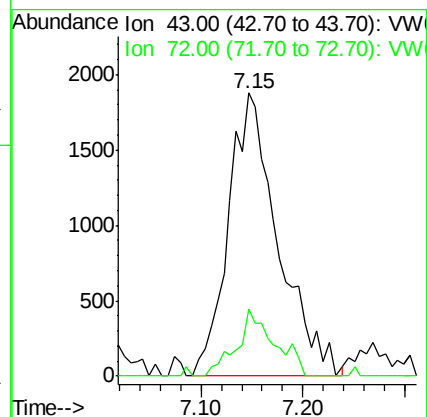
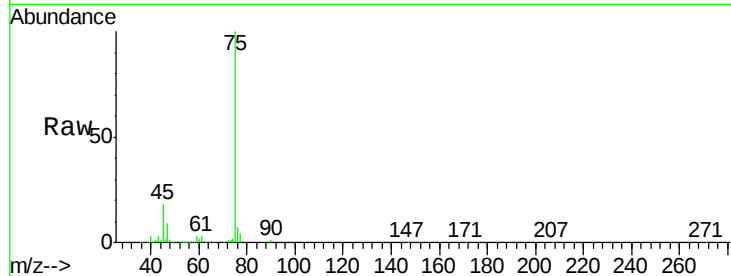
CL-02-030819-C

Tot Ion: 43 Resp: 6346

Ion Ratio Lower Upper

43 100

72 23.9 20.0 30.0



#33

1,2-Dichloroethane-d4

Concen: 60.059 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009097.D

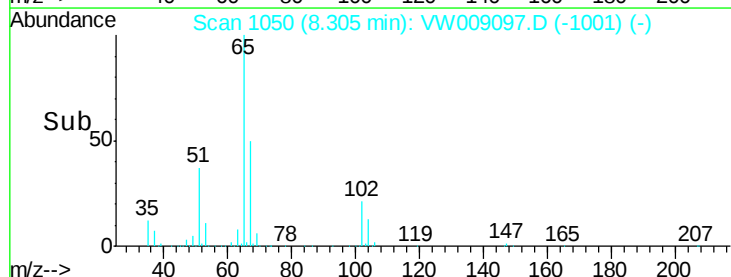
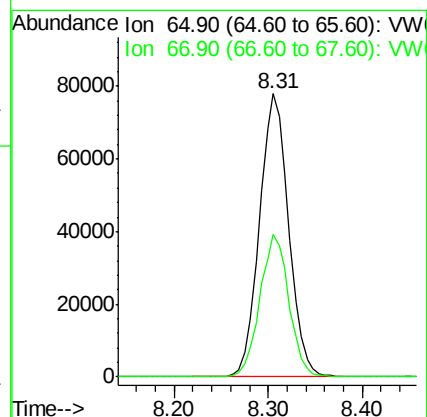
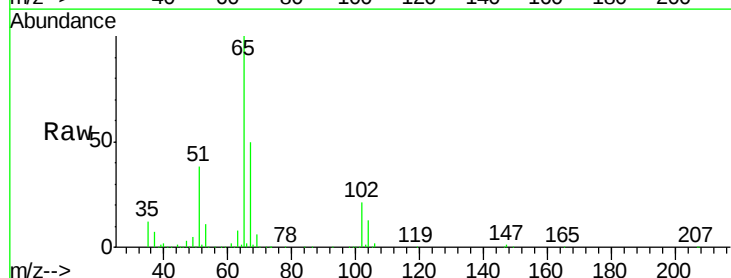
Acq: 11 Mar 2019 19:59

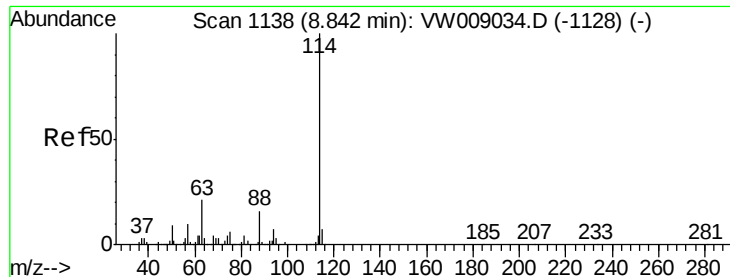
Tgt Ion: 65 Resp: 168794

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0

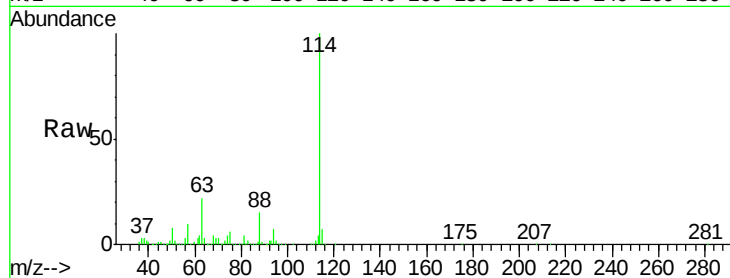




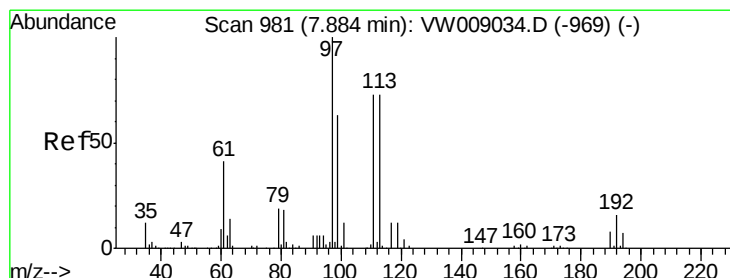
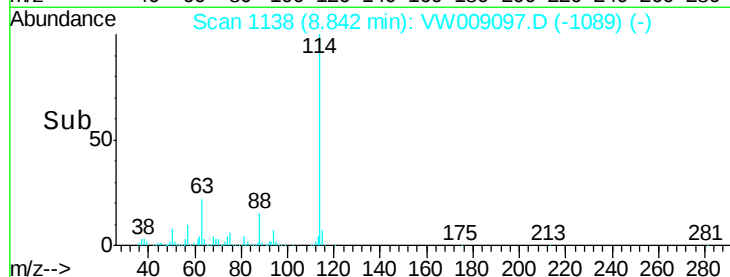
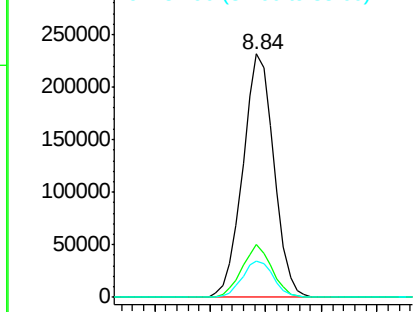
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009097.D
Acq: 11 Mar 2019 19:59

Instrument :
MSVOA_W
ClientSampleId :
CL-02-030819-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.2
88	14.7	0.0	31.2

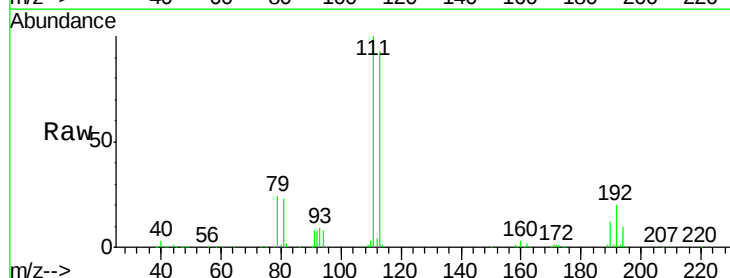


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

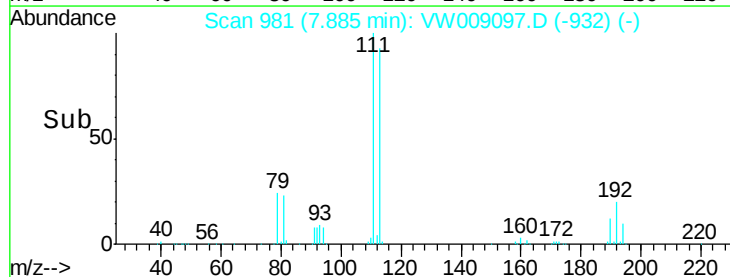
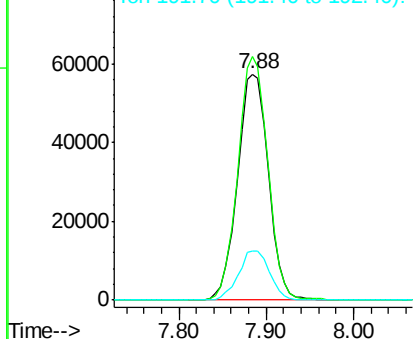


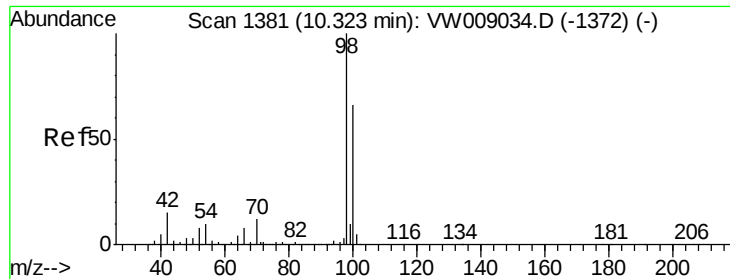
#35
Dibromofluoromethane
Concen: 52.026 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009097.D
Acq: 11 Mar 2019 19:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.0	121.4
192	21.8	17.1	25.7



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: 47.960 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009097.D

Acq: 11 Mar 2019 19:59

Instrument :

MSVOA_W

ClientSampleId :

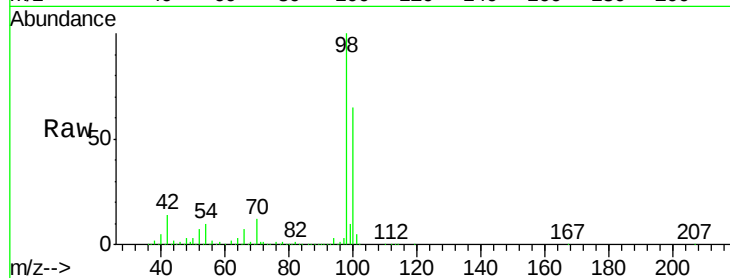
CL-02-030819-C

Tot Ion: 98 Resp: 532689

Ion Ratio Lower Upper

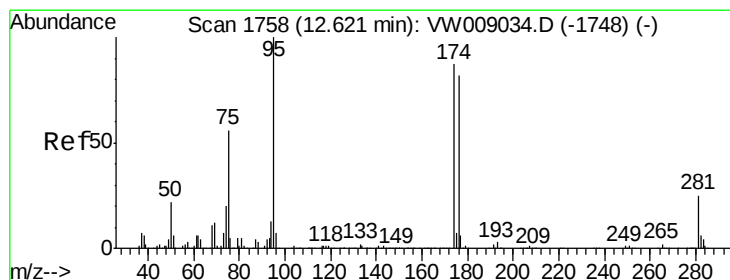
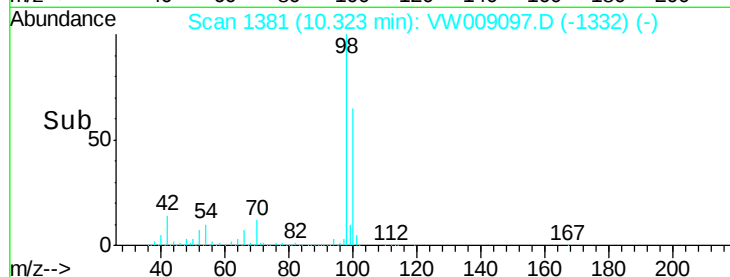
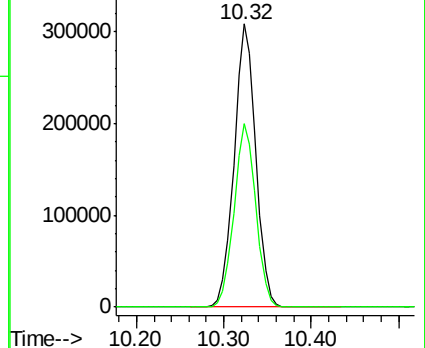
98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 38.539 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009097.D

Acq: 11 Mar 2019 19:59

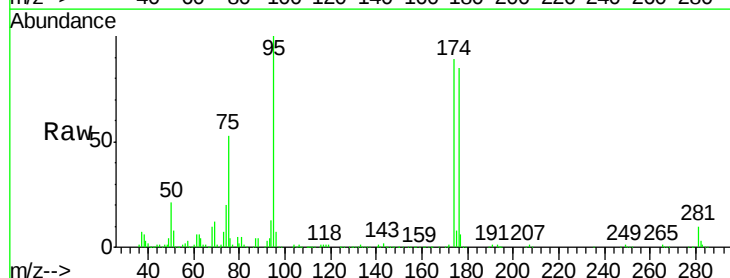
Tgt Ion: 95 Resp: 168506

Ion Ratio Lower Upper

95 100

174 85.4 0.0 167.0

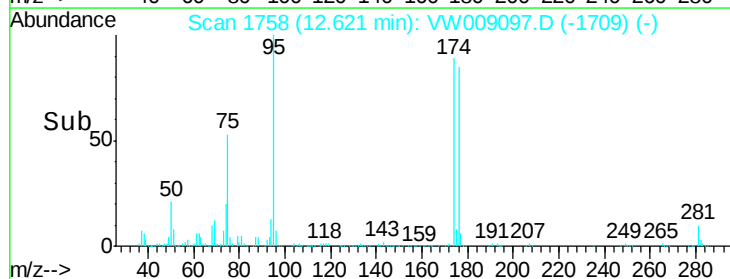
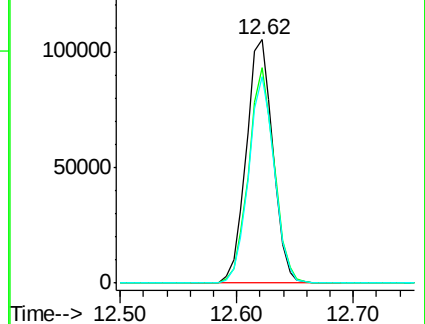
176 82.0 0.0 159.4

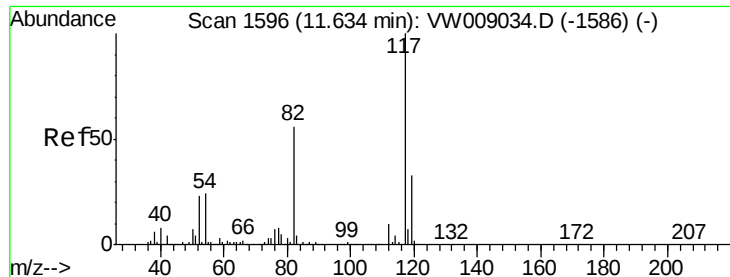


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW009097.D

Acq: 11 Mar 2019 19:59

Instrument :

MSVOA_W

ClientSampleId :

CL-02-030819-C

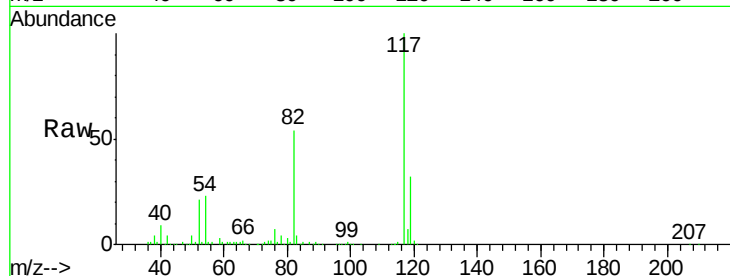
Tot Ion:117 Resp: 392883

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.6

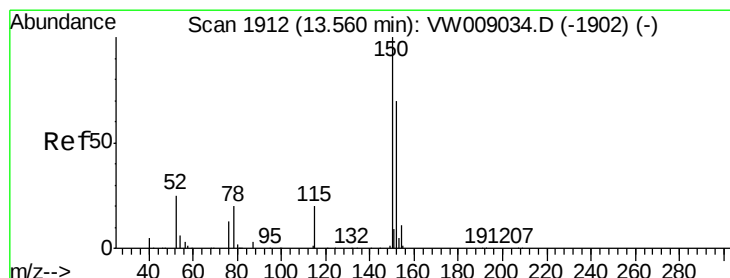
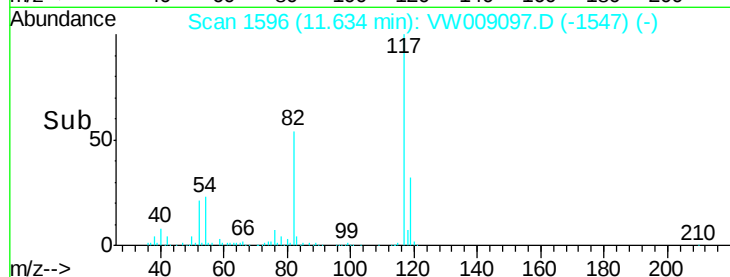
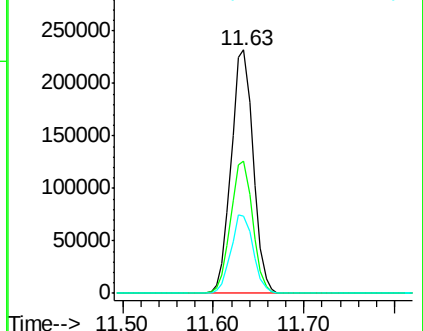
119 31.8 26.6 39.8



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: VW009097.D

Acq: 11 Mar 2019 19:59

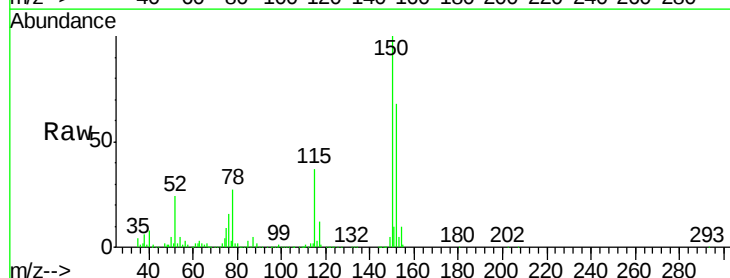
Tgt Ion:152 Resp: 162511

Ion Ratio Lower Upper

152 100

115 56.5 28.9 86.7

150 153.7 0.0 349.2



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

