

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011955.D
 Acq On : 16 Aug 2019 11:01
 Operator : SY/VA
 Sample : K3616-01
 Misc : 6.94G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-081519-A

Quant Time: Aug 17 05:11:53 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

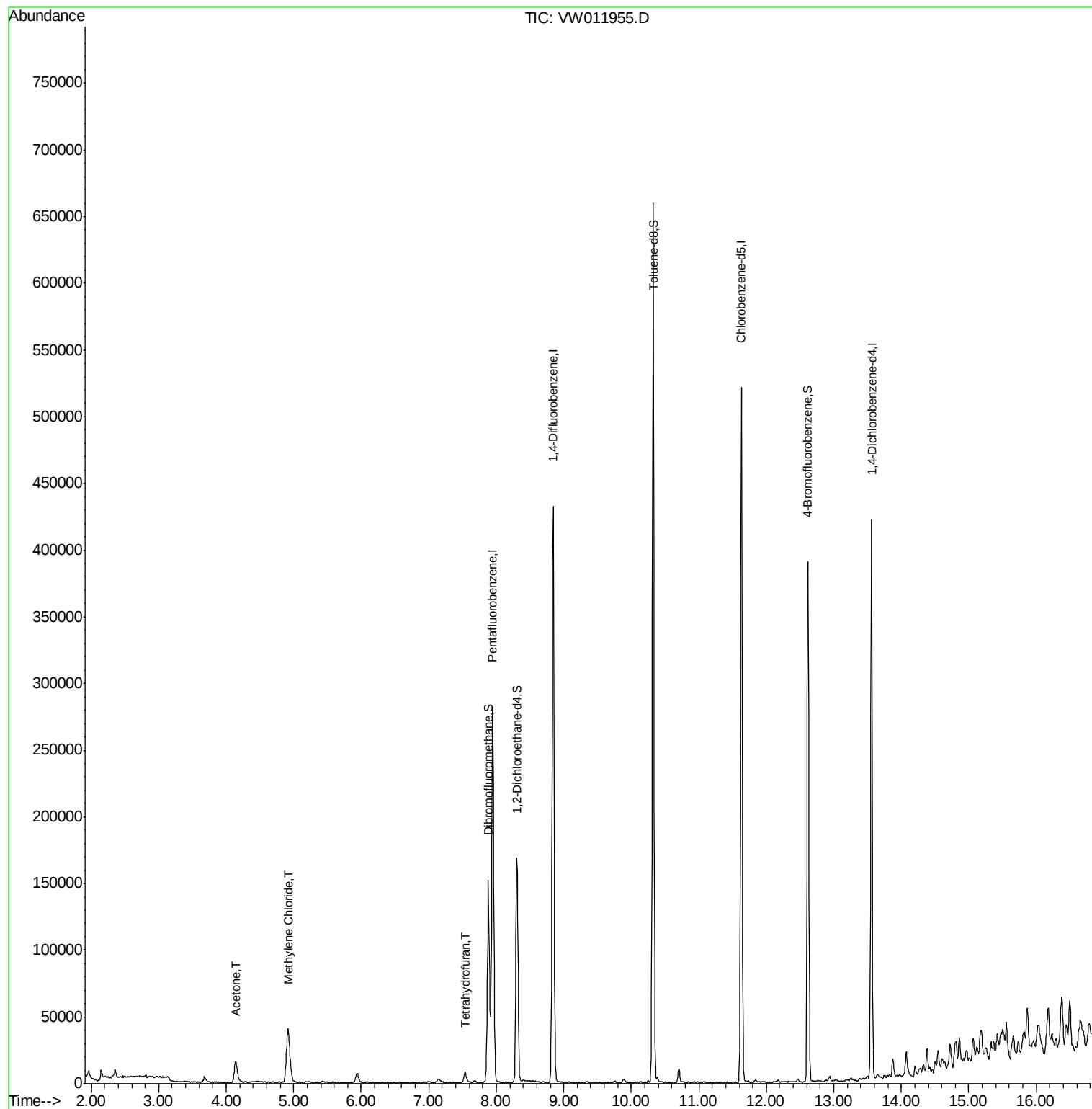
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133174	56.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.60%	
35) Dibromofluoromethane	7.88	113	105791	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	10.32	98	412811	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	125985	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
Target Compounds						
16) Acetone	4.14	43	33932	45.492	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	31749	12.342	ug/l	96
29) Tetrahydrofuran	7.54	42	6935	12.431	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# 991

Delta R.T. -0.00 min

Lab File: VW011955.D

Acq: 16 Aug 2019 11:01

Instrument :

MSVOA_W

ClientSampleId :

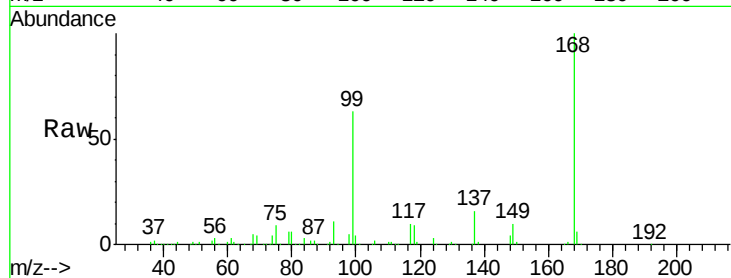
JC-03-081519-A

Tot Ion:168 Resp: 204203

Ion Ratio Lower Upper

168 100

99 63.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

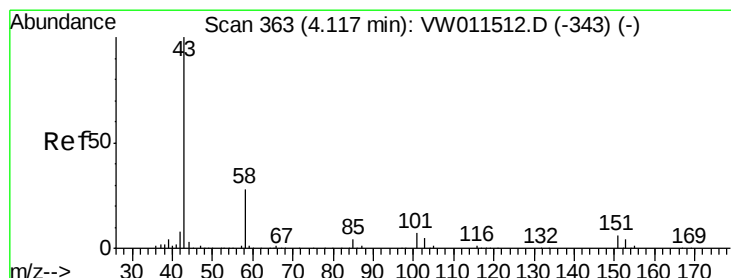
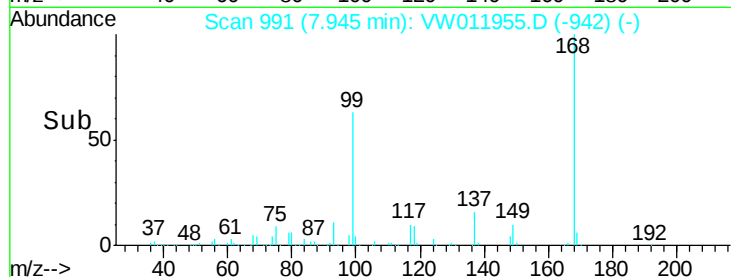
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 45.492 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011955.D

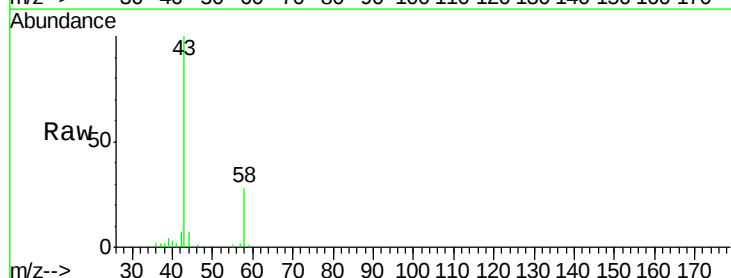
Acq: 16 Aug 2019 11:01

Tgt Ion: 43 Resp: 33932

Ion Ratio Lower Upper

43 100

58 28.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

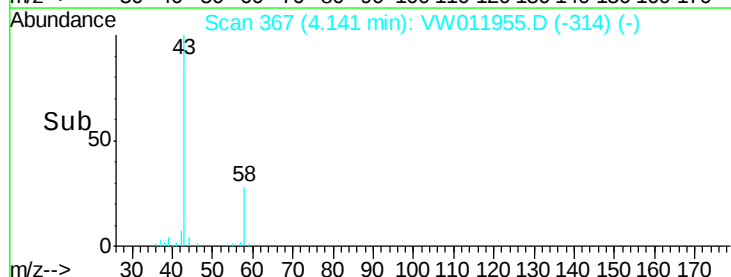
6000

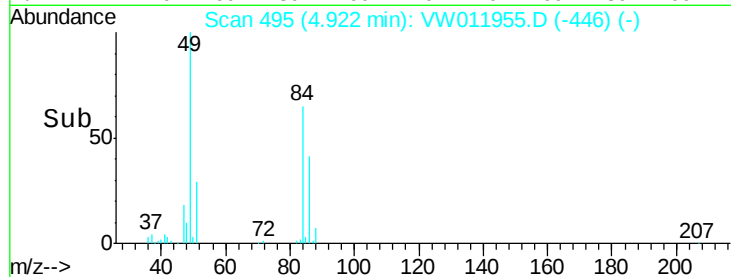
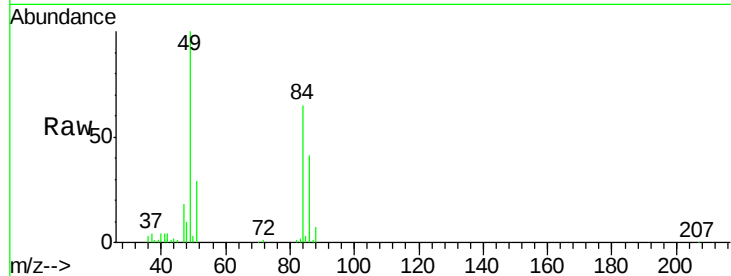
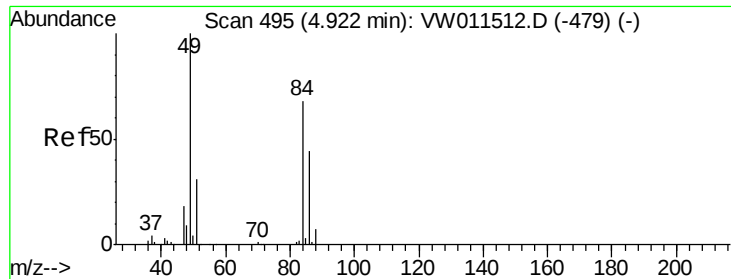
4000

2000

0

Time-->

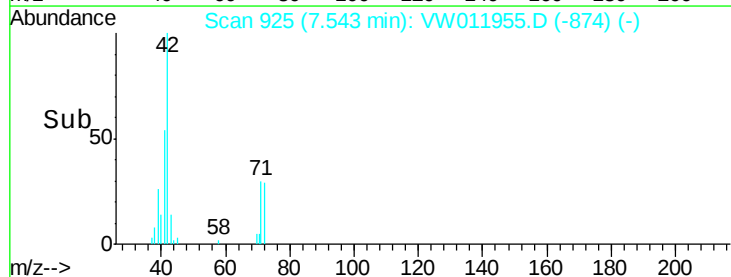
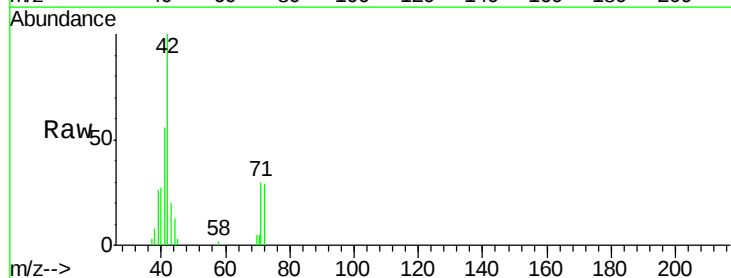
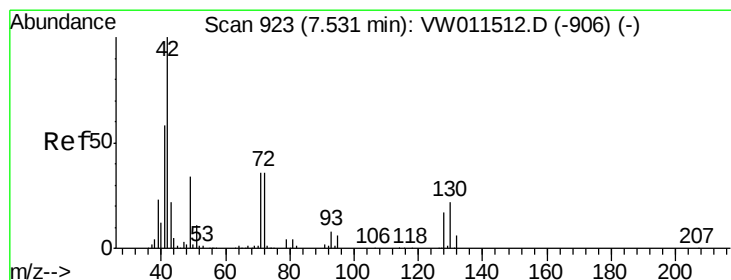
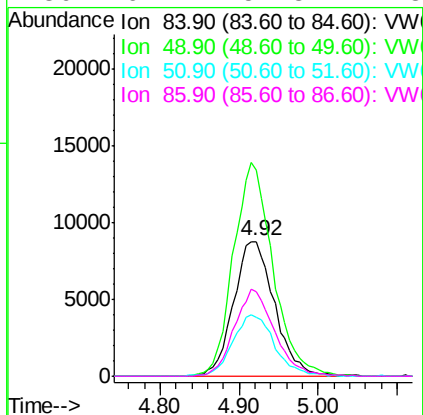




#20
Methylene Chloride
Concen: 12.342 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011955.D
Acq: 16 Aug 2019 11:01

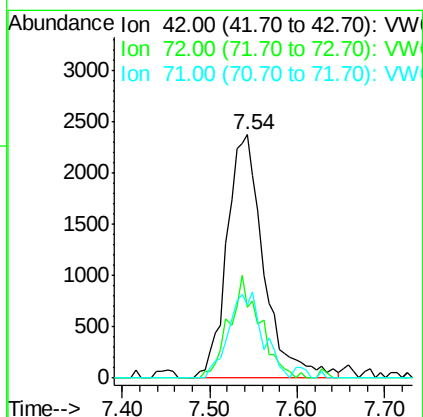
Instrument :
MSVOA_W
ClientSampleId :
JC-03-081519-A

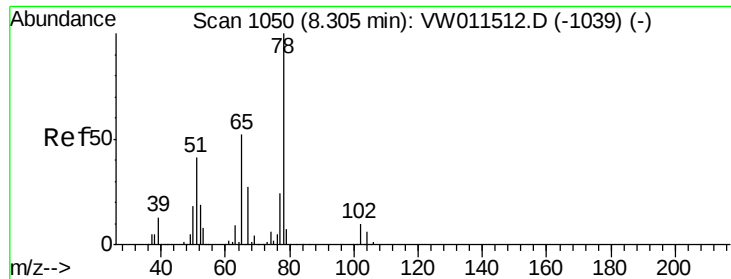
Tot Ion: 84 Resp: 31749
Ion Ratio Lower Upper
84 100
49 153.0 117.8 176.6
51 44.2 37.0 55.4
86 62.4 51.8 77.8



#29
Tetrahydrofuran
Concen: 12.431 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011955.D
Acq: 16 Aug 2019 11:01

Tgt Ion: 42 Resp: 6935
Ion Ratio Lower Upper
42 100
72 35.5 27.1 40.7
71 32.9 26.2 39.4





#33

1,2-Dichloroethane-d4

Concen: 56.795 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011955.D

Acq: 16 Aug 2019 11:01

Instrument :

MSVOA_W

ClientSampleId :

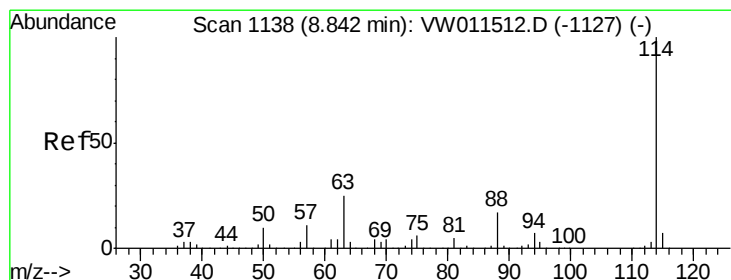
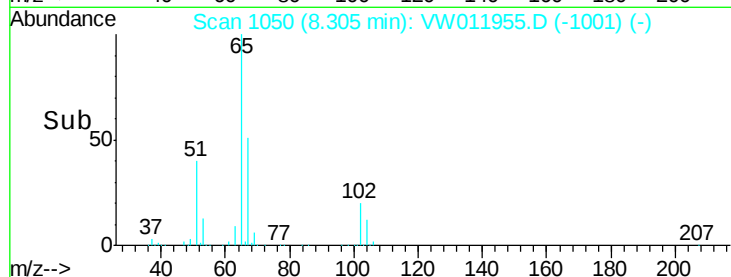
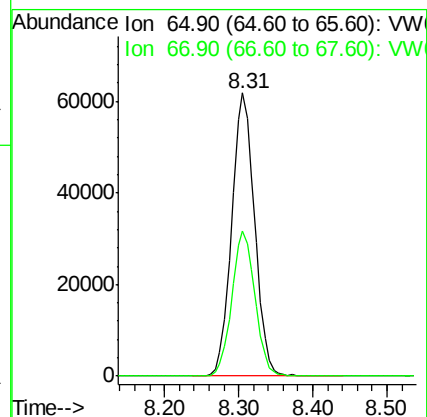
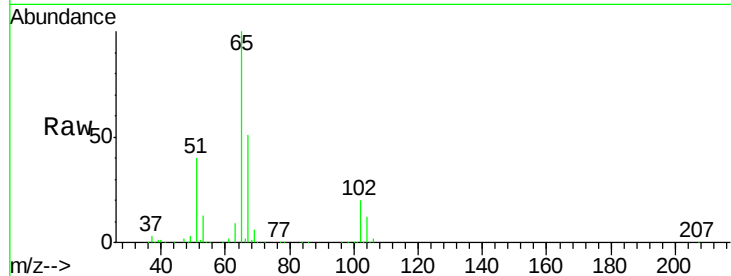
JC-03-081519-A

Tot Ion: 65 Resp: 133174

Ion Ratio Lower Upper

65 100

67 51.8 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: VW011955.D

Acq: 16 Aug 2019 11:01

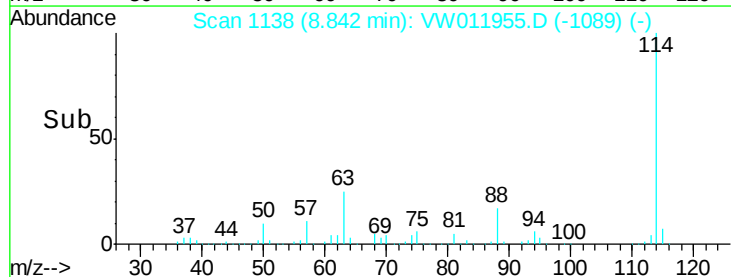
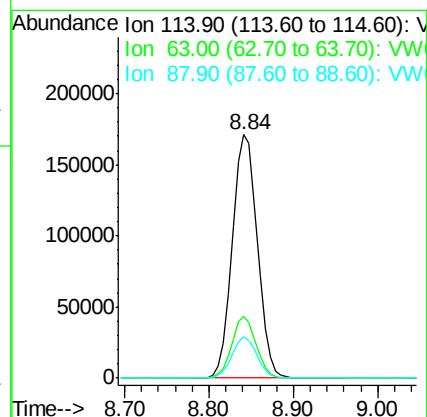
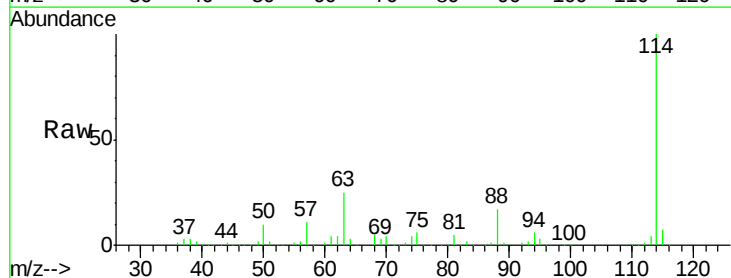
Tgt Ion: 114 Resp: 345736

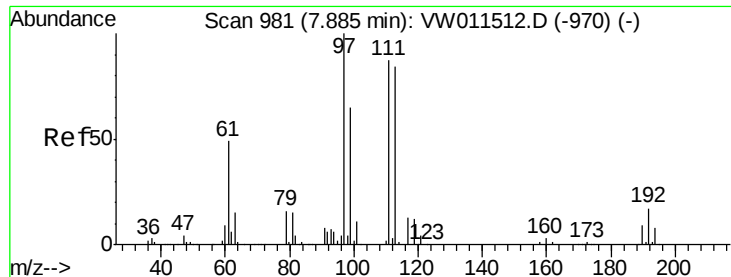
Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

88 17.2 0.0 33.8

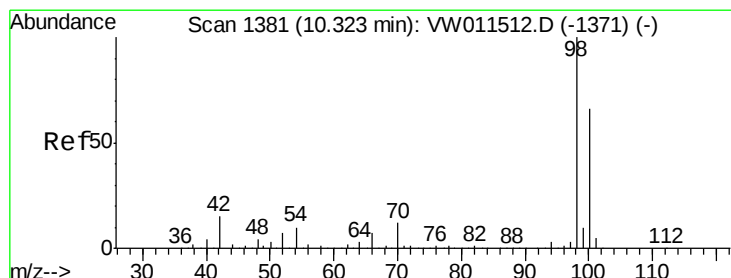
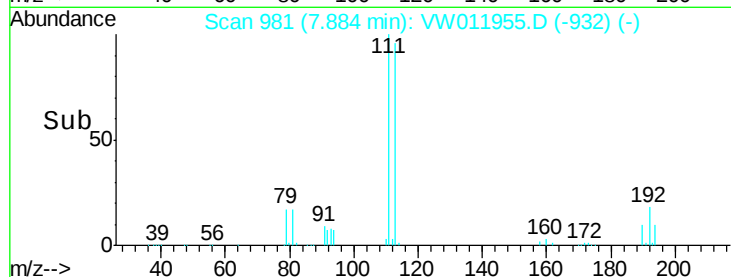
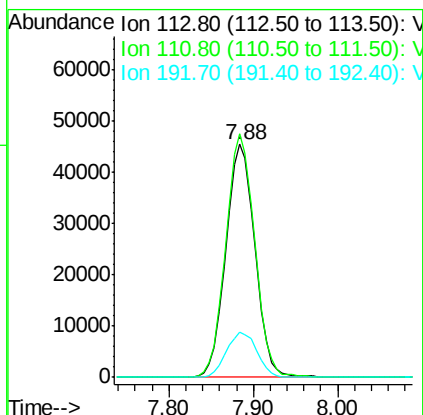
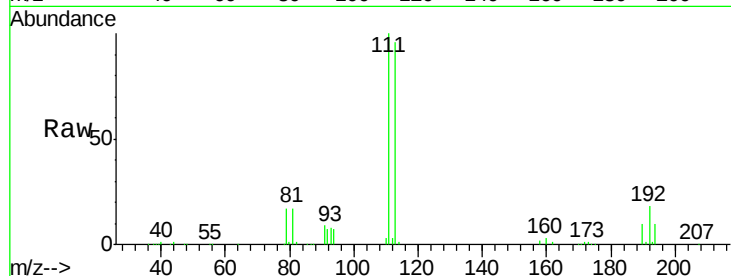




#35
Dibromofluoromethane
Concen: 54.542 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW011955.D
Acq: 16 Aug 2019 11:01

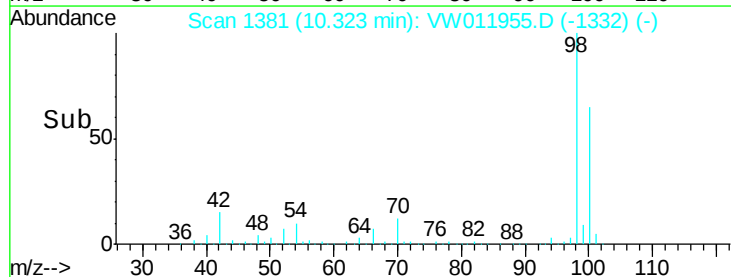
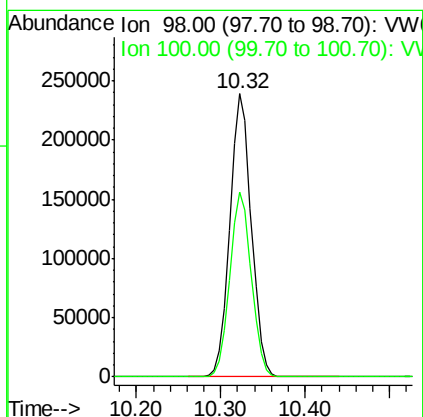
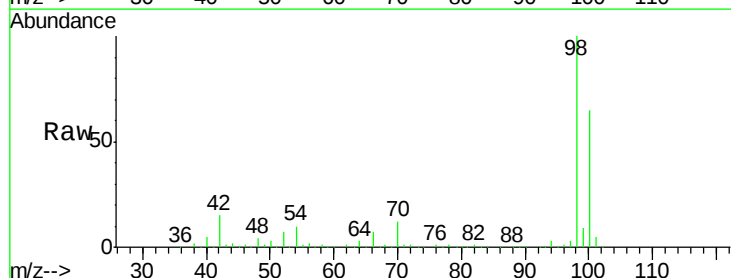
Instrument :
MSVOA_W
ClientSampleId :
JC-03-081519-A

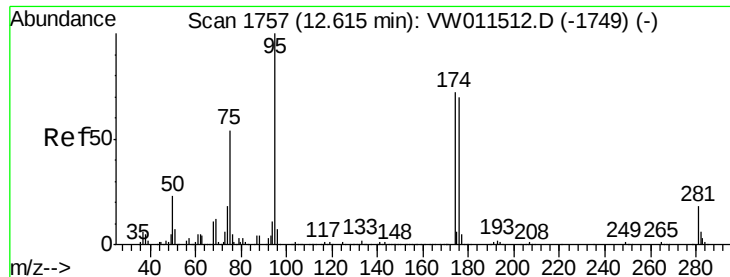
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.2	16.1	24.1



#50
Toluene-d8
Concen: 51.982 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011955.D
Acq: 16 Aug 2019 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1

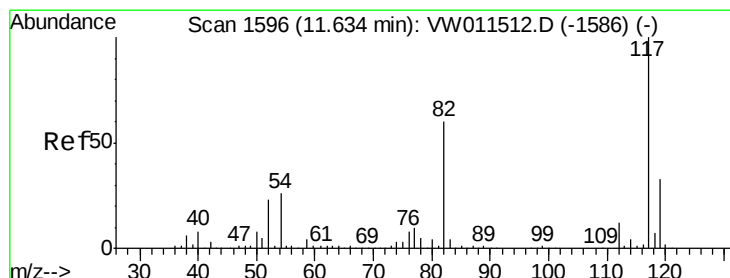
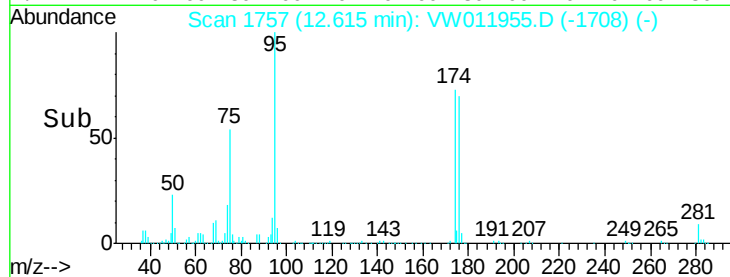
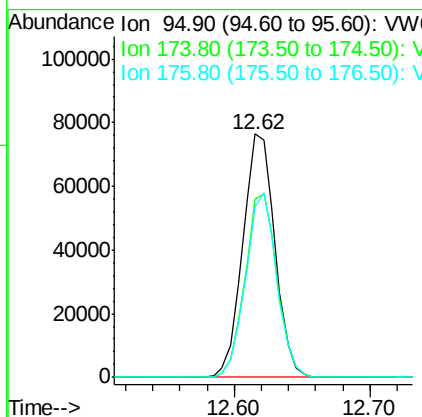
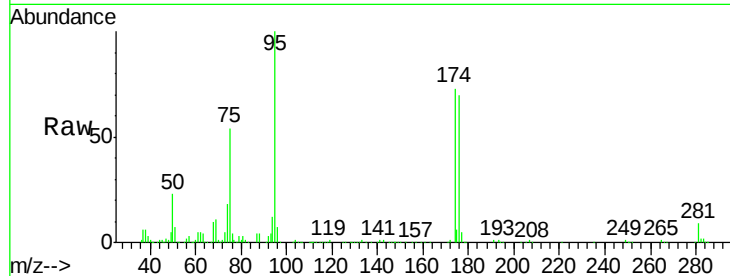




#62
4-Bromofluorobenzene
Concen: 44.497 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011955.D
Acq: 16 Aug 2019 11:01

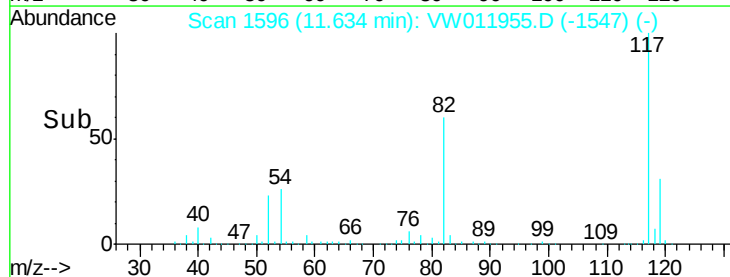
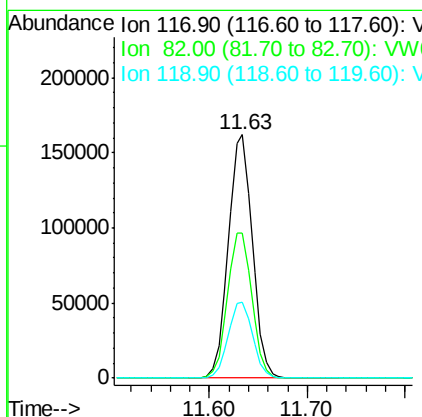
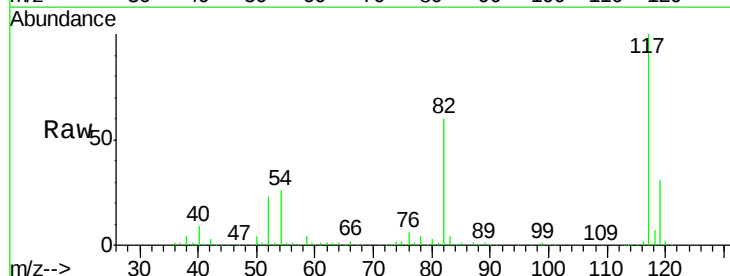
Instrument :
MSVOA_W
ClientSampleId :
JC-03-081519-A

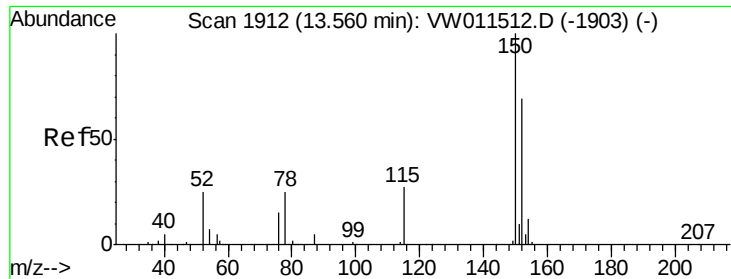
Tot Ion	95	Resp	125985
Ion Ratio	Lower	Upper	
95	100		
174	75.5	0.0	150.2
176	73.9	0.0	144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011955.D
Acq: 16 Aug 2019 11:01

Tgt Ion	117	Resp	276384
Ion Ratio	Lower	Upper	
117	100		
82	59.7	47.9	71.9
119	31.4	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011955.D

Acq: 16 Aug 2019 11:01

Instrument :

MSVOA_W

ClientSampleId :

JC-03-081519-A

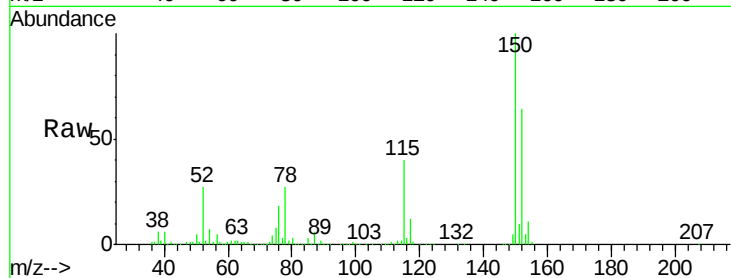
Tot Ion:152 Resp: 104394

Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

150 155.3 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

