

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011991.D
 Acq On : 19 Aug 2019 15:06
 Operator : SY/VA
 Sample : K4385-12
 Misc : 7.09G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-B-(2)

Quant Time: Aug 19 16:30:40 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

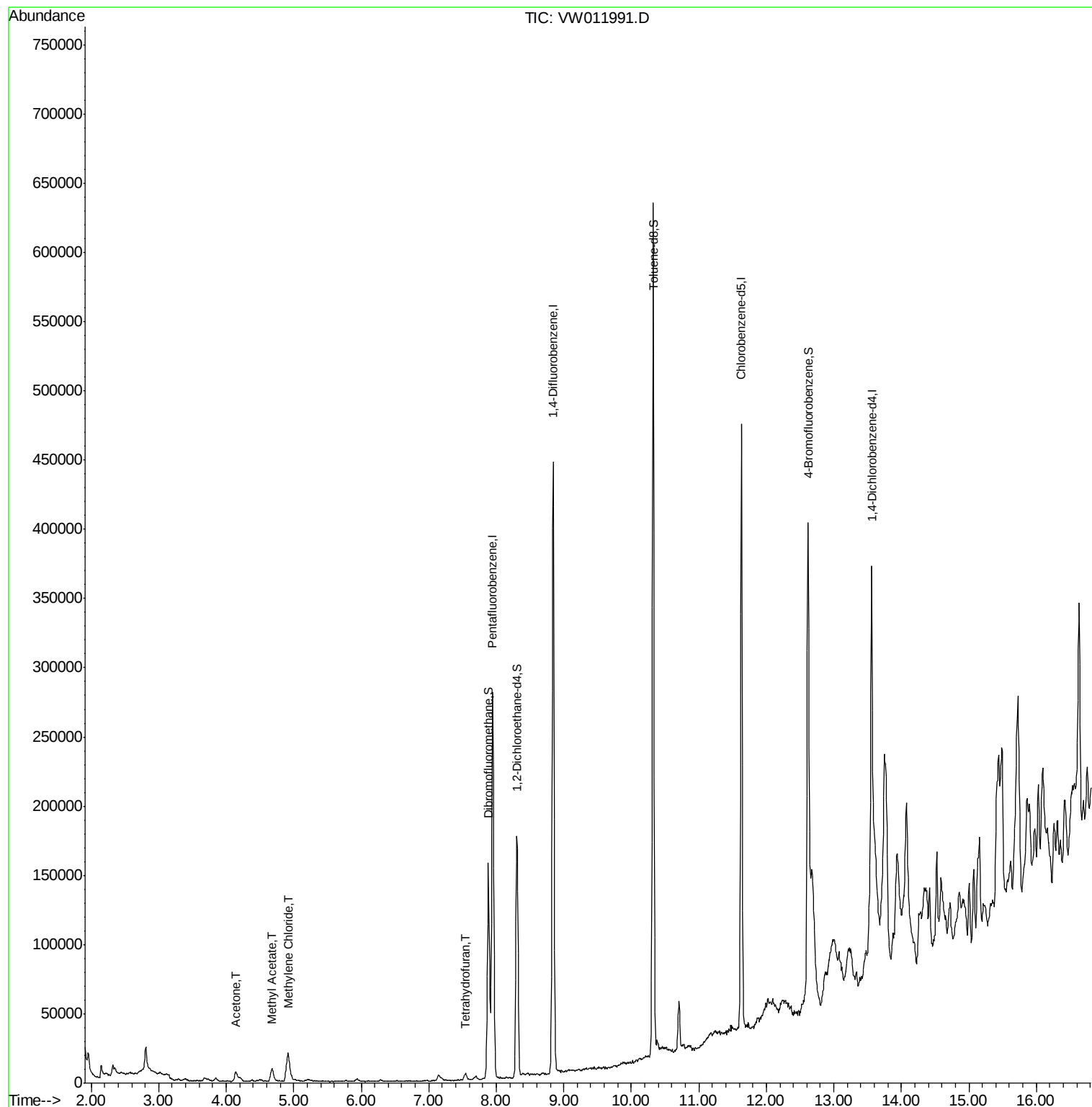
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	230916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55696	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138295	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	110800	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
50) Toluene-d8	10.32	98	383806	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.62	95	107394	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
Target Compounds						
16) Acetone	4.14	43	14283	18.940	ug/l	99
18) Methyl Acetate	4.68	43	19374	11.436	ug/l	99
20) Methylene Chloride	4.92	84	15596	5.997	ug/l	95
29) Tetrahydrofuran	7.54	42	4591	8.139	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW011991.D

Acq: 19 Aug 2019 15:06

Instrument :

MSVOA_W

ClientSampleId :

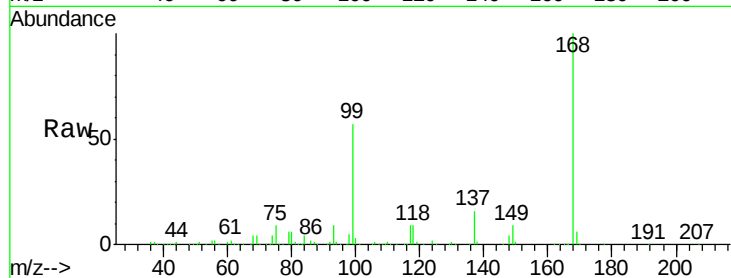
T8-B-(2)

Tot Ion:168 Resp: 206455

Ion Ratio Lower Upper

168 100

99 57.3 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

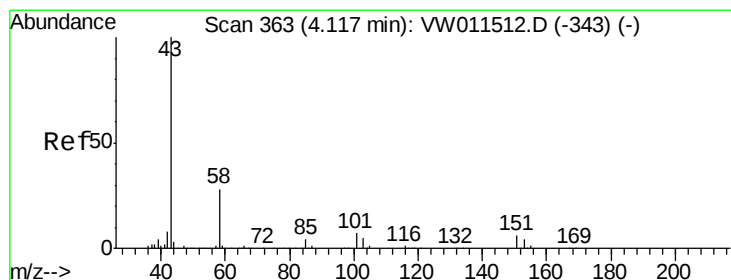
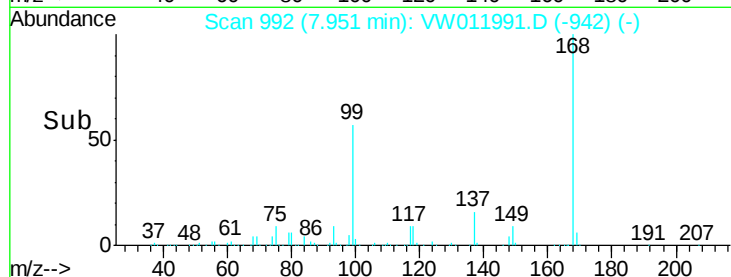
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 18.940 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011991.D

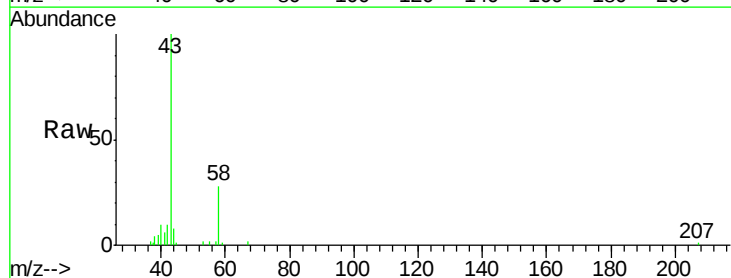
Acq: 19 Aug 2019 15:06

Tgt Ion: 43 Resp: 14283

Ion Ratio Lower Upper

43 100

58 28.5 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

5000

4000

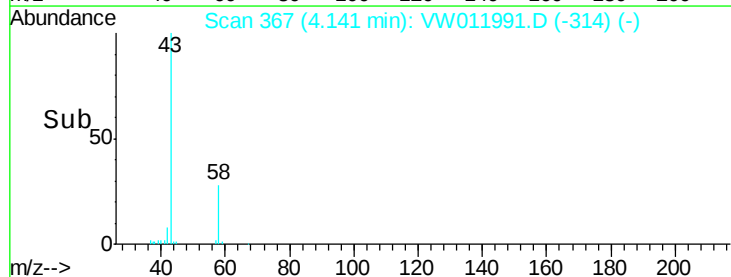
3000

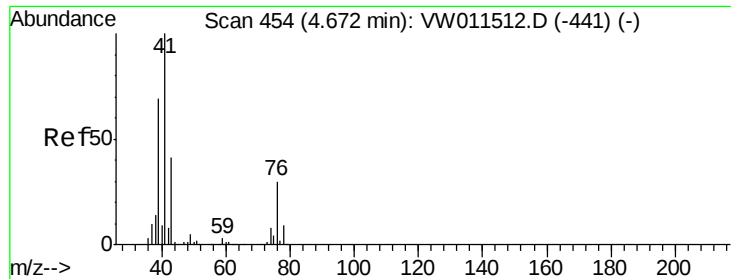
2000

1000

0

Time--> 4.00 4.10 4.20

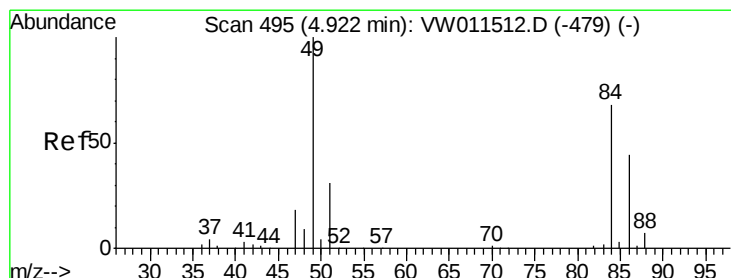
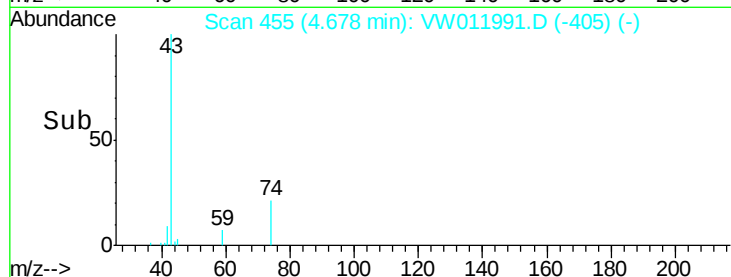
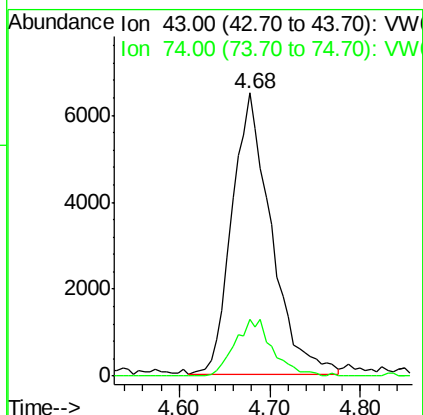
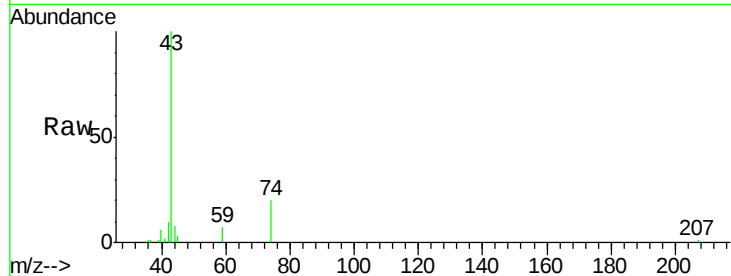




#18
Methyl Acetate
Concen: 11.436 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

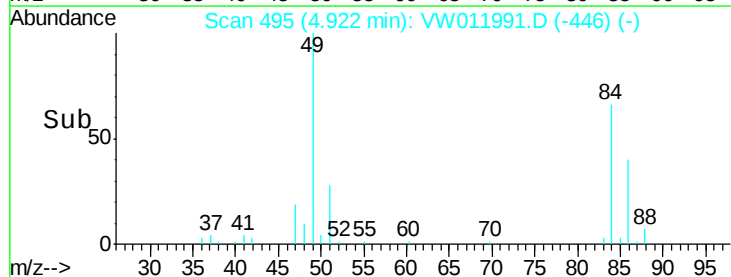
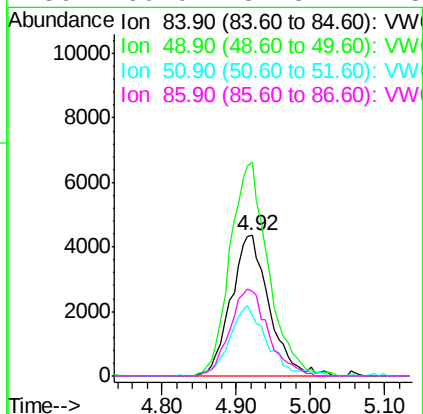
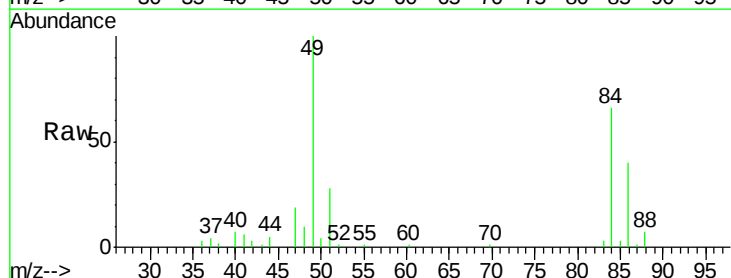
Instrument :
MSVOA_W
ClientSampleId :
T8-B-(2)

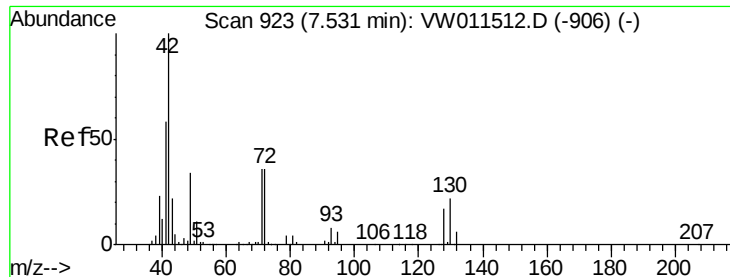
Tot Ion: 43 Resp: 19374
Ion Ratio Lower Upper
43 100
74 19.6 15.9 23.9



#20
Methylene Chloride
Concen: 5.997 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

Tgt Ion: 84 Resp: 15596
Ion Ratio Lower Upper
84 100
49 152.0 117.8 176.6
51 43.1 37.0 55.4
86 60.0 51.8 77.8

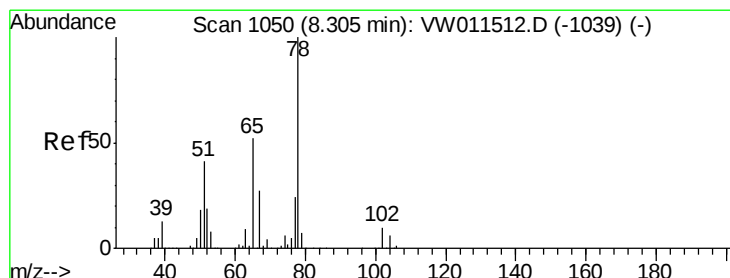
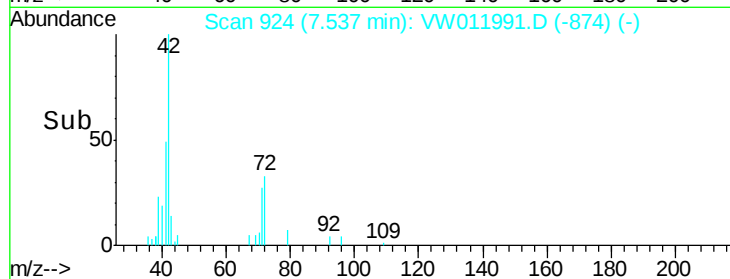
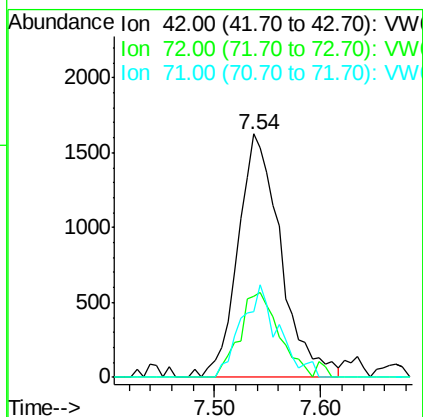
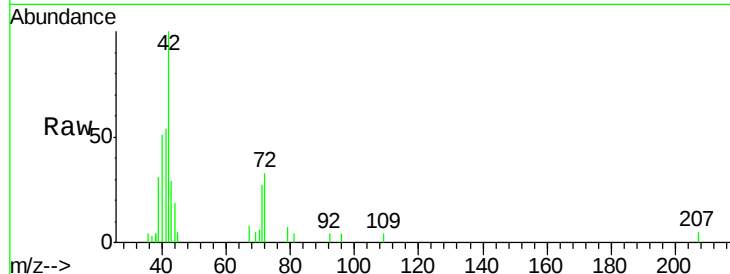




#29
Tetrahydrofuran
Concen: 8.139 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

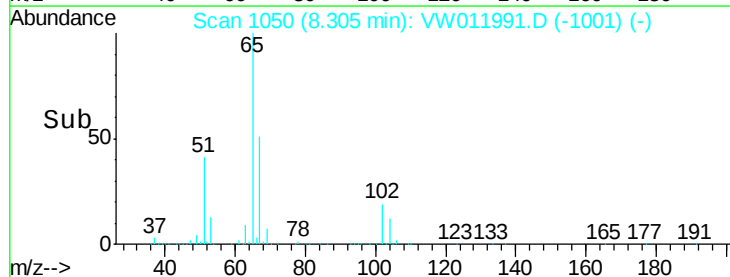
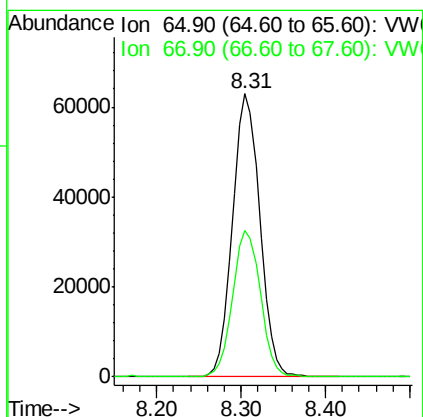
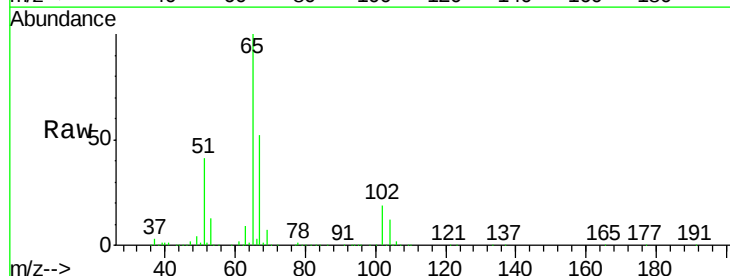
Instrument :
MSVOA_W
ClientSampleId :
T8-B-(2)

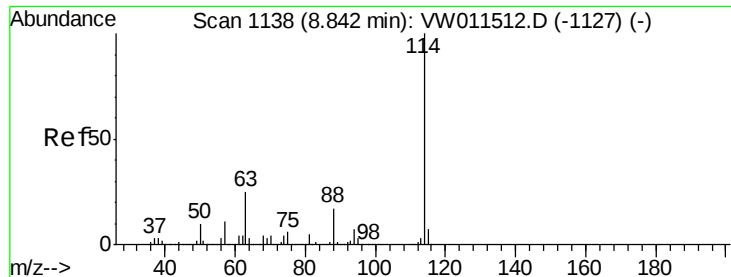
Tot Ion: 42 Resp: 4591
Ion Ratio Lower Upper
42 100
72 32.1 27.1 40.7
71 32.8 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 58.336 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

Tgt Ion: 65 Resp: 138295
Ion Ratio Lower Upper
65 100
67 52.3 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: VW011991.D

Acq: 19 Aug 2019 15:06

Instrument :

MSVOA_W

ClientSampleId :

T8-B-(2)

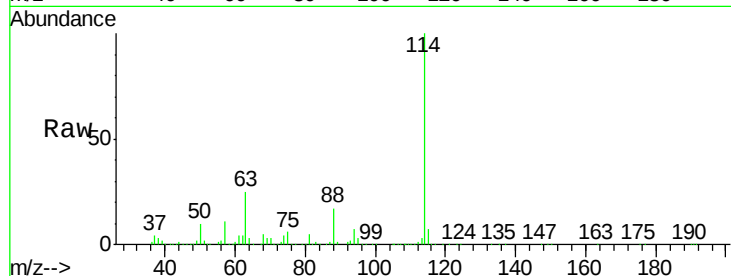
Tot Ion:114 Resp: 354780

Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

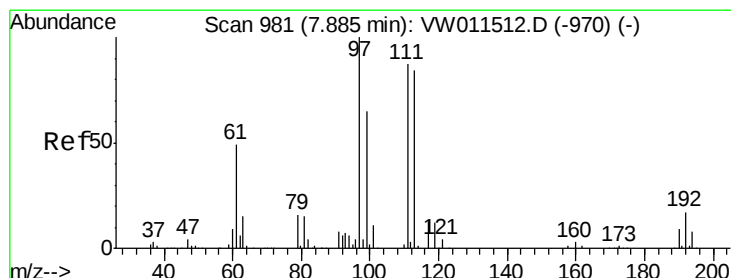
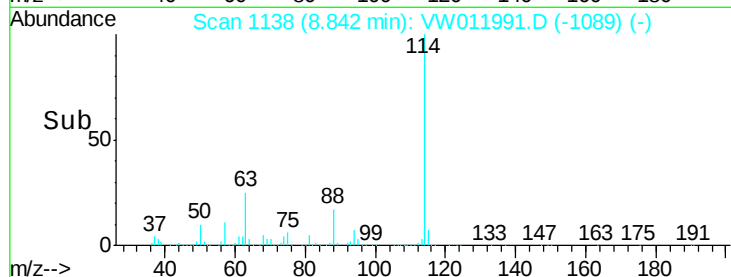
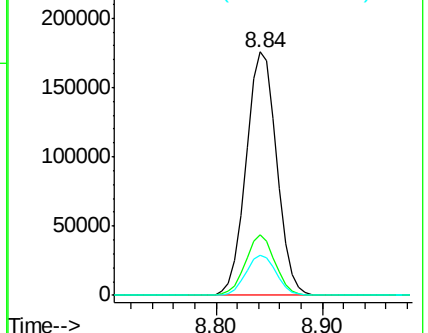
88 16.7 0.0 33.8



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: 55.668 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011991.D

Acq: 19 Aug 2019 15:06

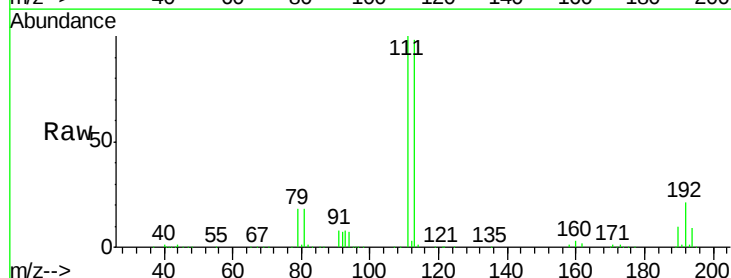
Tgt Ion:113 Resp: 110800

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

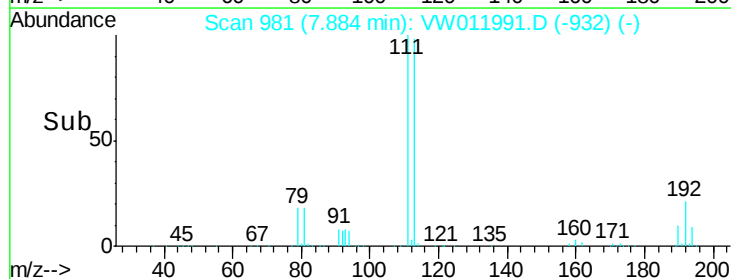
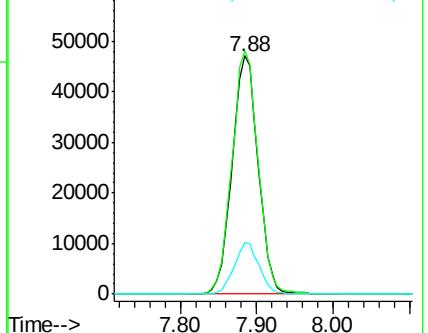
192 20.7 16.1 24.1

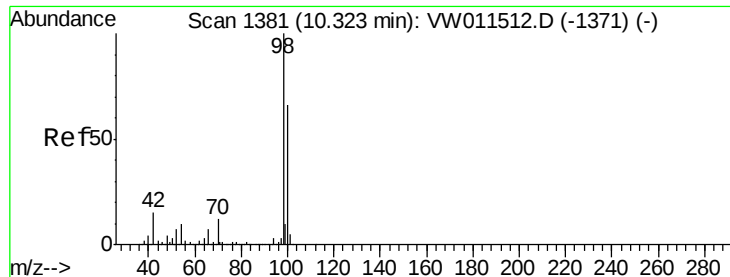


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

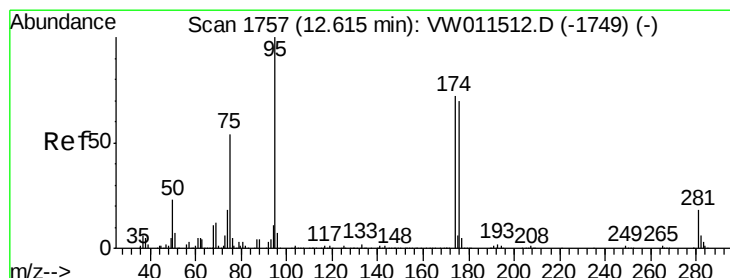
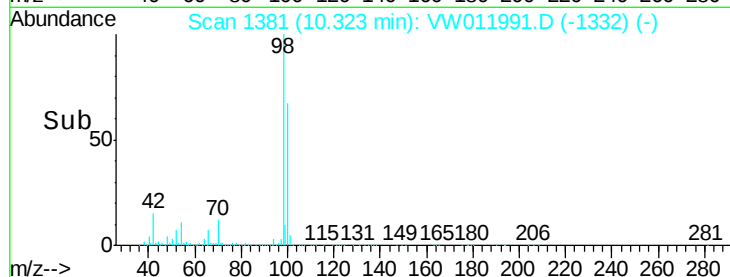
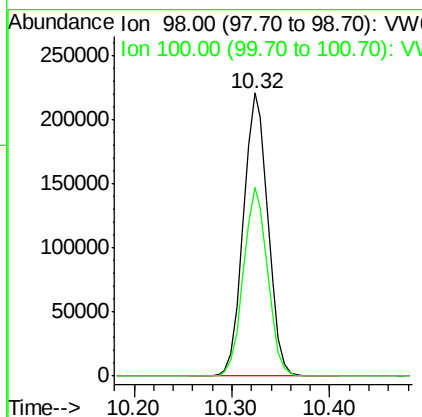
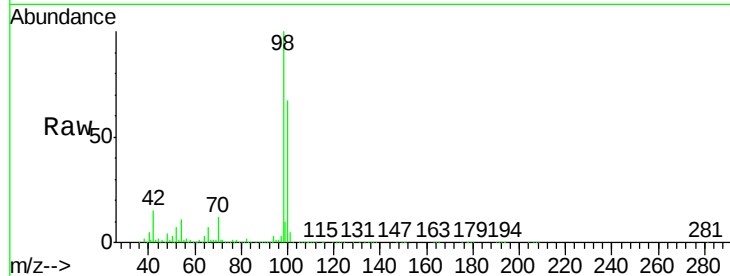




#50
Toluene-d8
Concen: 47.097 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

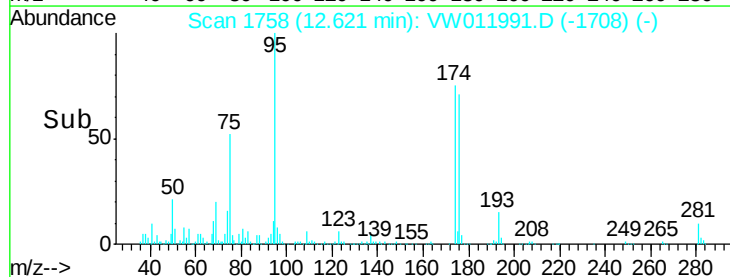
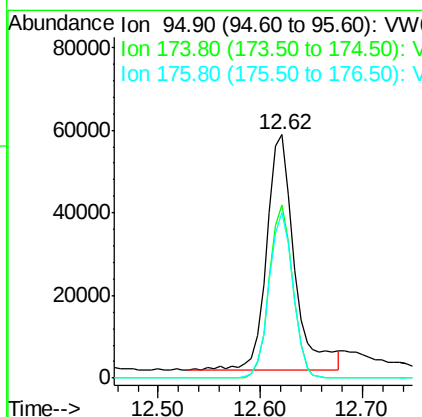
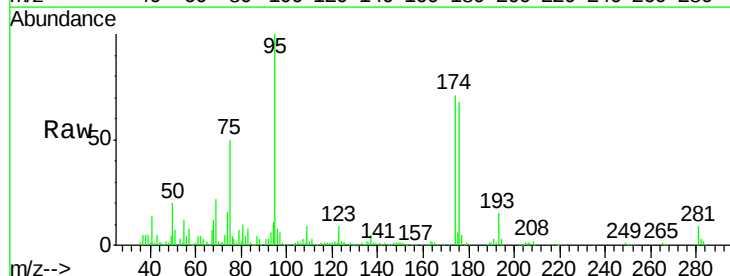
Instrument :
MSVOA_W
ClientSampleId :
T8-B-(2)

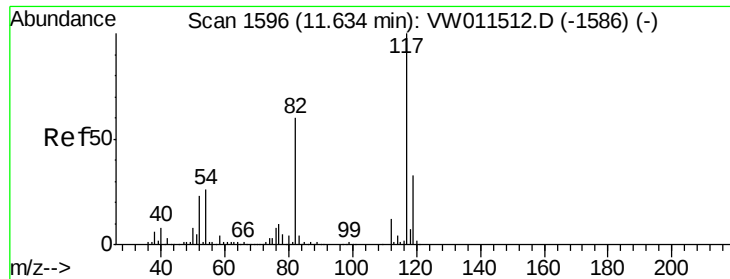
Tot Ion: 98 Resp: 383806
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 36.964 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

Tgt Ion: 95 Resp: 107394
Ion Ratio Lower Upper
95 100
174 62.3 0.0 150.2
176 60.1 0.0 144.4

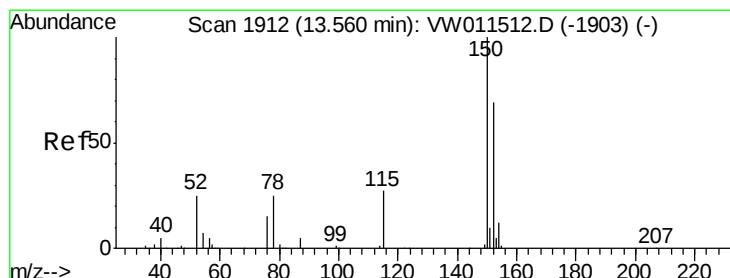
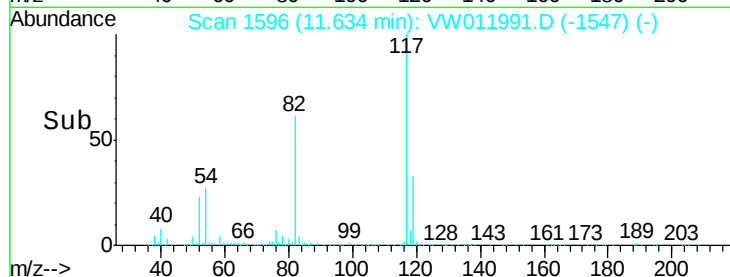
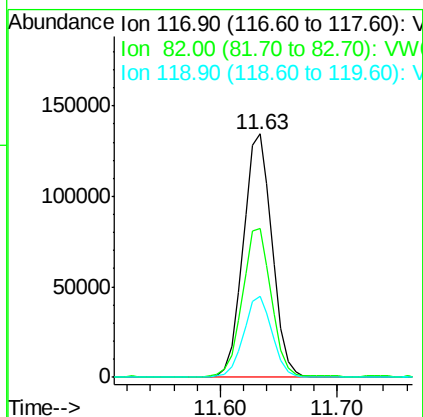
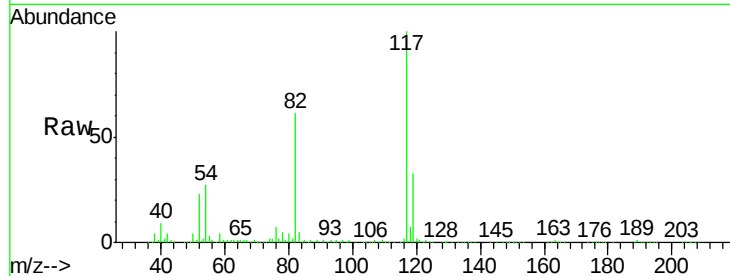




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011991.D
Acq: 19 Aug 2019 15:06

Instrument :
MSVOA_W
ClientSampleId :
T8-B-(2)

Tot Ion:117 Resp: 230916
Ion Ratio Lower Upper
117 100
82 60.7 47.9 71.9
119 33.1 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: VW011991.D
Acq: 19 Aug 2019 15:06

Tgt Ion:152 Resp: 55696
Ion Ratio Lower Upper
152 100
115 54.4 30.5 91.5
150 141.4 0.0 352.6

