

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012009.D
 Acq On : 19 Aug 2019 23:55
 Operator : SY/VA
 Sample : K4386-04
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E1-(2)

Quant Time: Aug 20 06:48:09 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

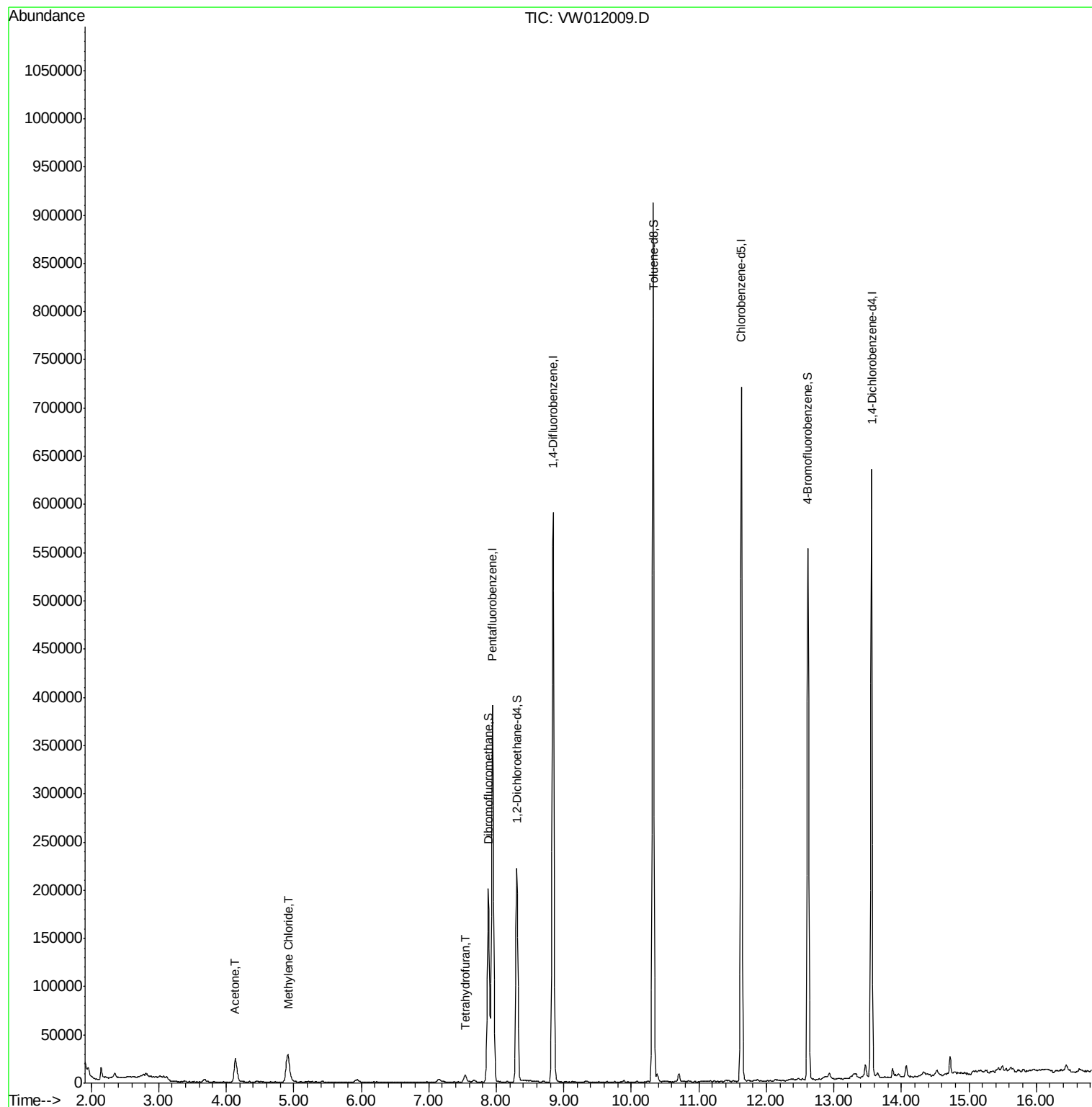
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	174423	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	7.88	113	141889	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	10.32	98	575735	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.62	95	183728	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
16) Acetone	4.13	43	48670	46.942	ug/l	98
20) Methylene Chloride	4.91	84	23532	6.581	ug/l	94
29) Tetrahydrofuran	7.54	42	7385	9.523	ug/l	97

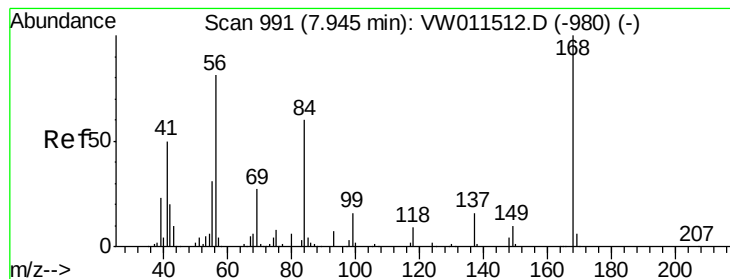
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012009.D

Acq: 19 Aug 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

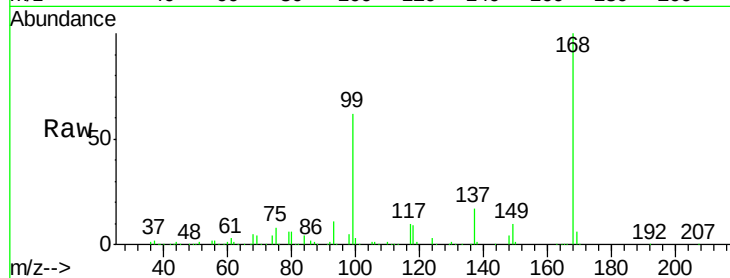
T8-E1-(2)

Tot Ion:168 Resp: 283850

Ion Ratio Lower Upper

168 100

99 62.1 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

150000

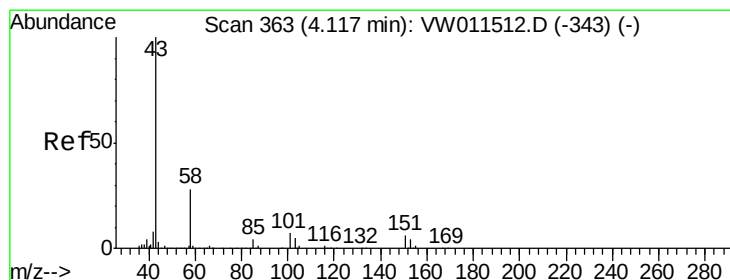
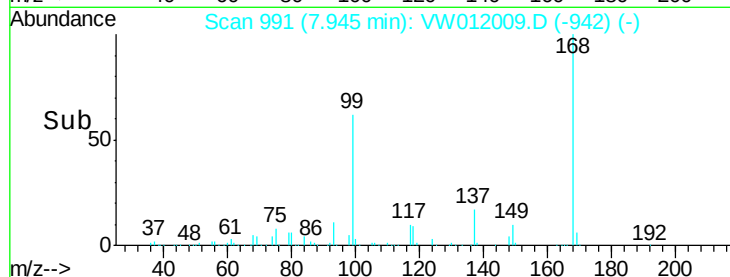
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 46.942 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012009.D

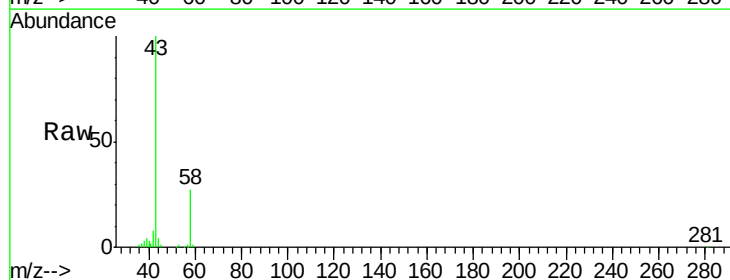
Acq: 19 Aug 2019 23:55

Tgt Ion: 43 Resp: 48670

Ion Ratio Lower Upper

43 100

58 26.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

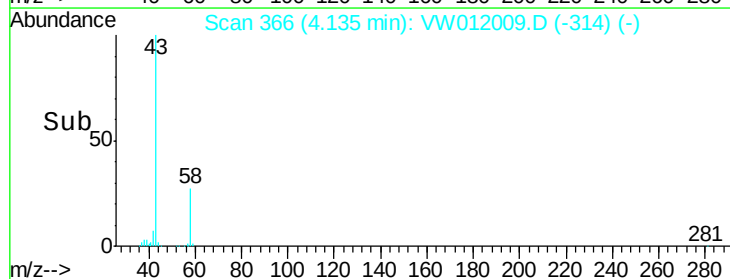
10000

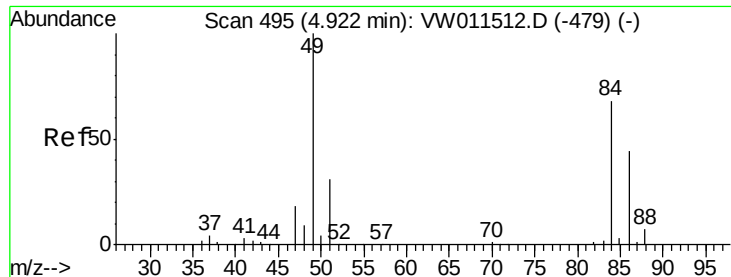
5000

0

4.00 4.10 4.20 4.30

Time-->

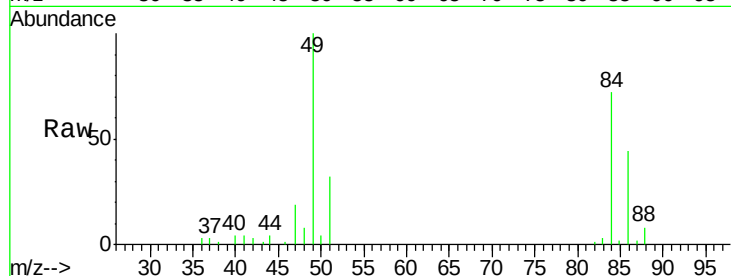




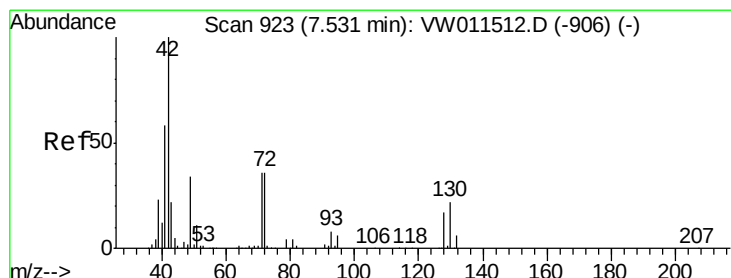
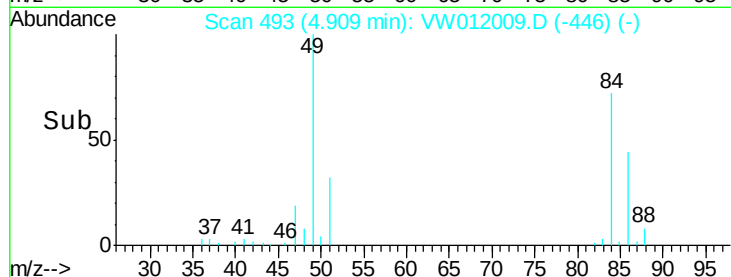
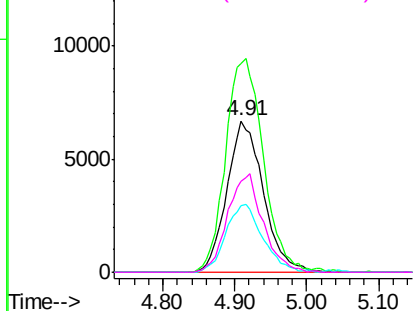
#20
Methylene Chloride
Concen: 6.581 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012009.D
Acq: 19 Aug 2019 23:55

Instrument :
MSVOA_W
ClientSampleId :
T8-E1-(2)

Tot Ion:	84	Resp:	23532
Ion	Ratio	Lower	Upper
84	100		
49	138.0	117.8	176.6
51	43.8	37.0	55.4
86	60.1	51.8	77.8

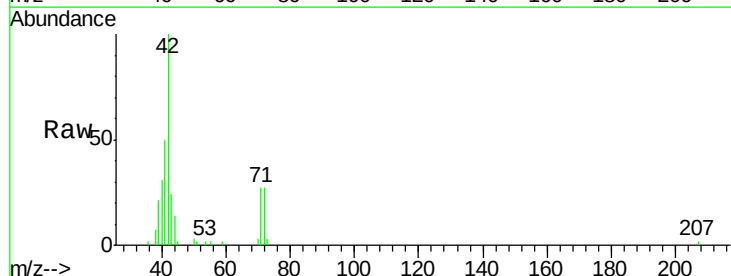


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

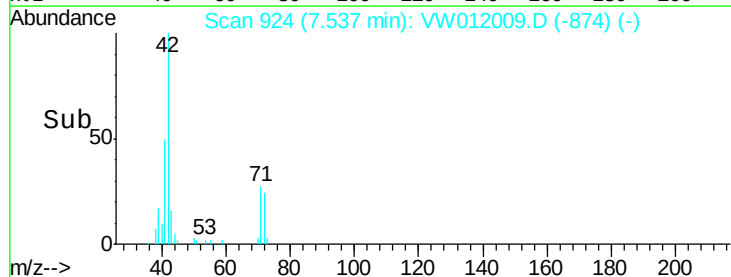
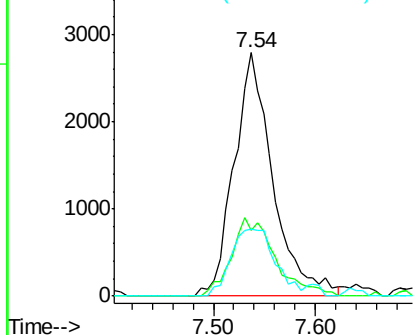


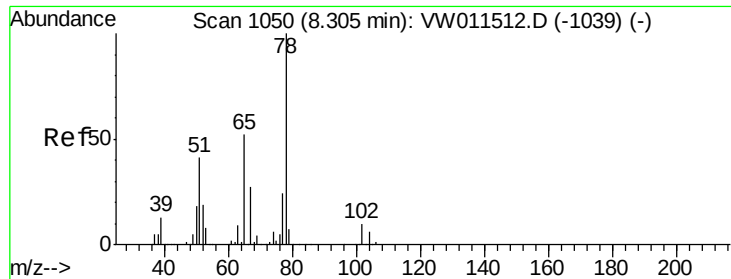
#29
Tetrahydrofuran
Concen: 9.523 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012009.D
Acq: 19 Aug 2019 23:55

Tgt Ion:	42	Resp:	7385
Ion	Ratio	Lower	Upper
42	100		
72	36.0	27.1	40.7
71	31.1	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

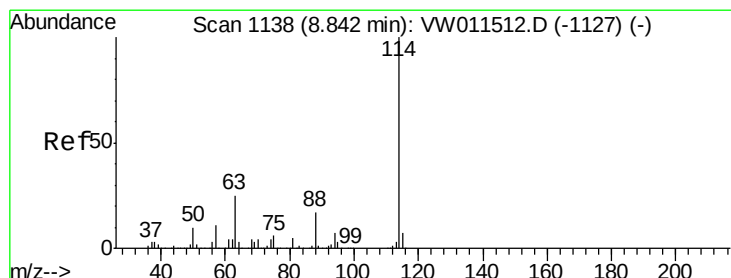
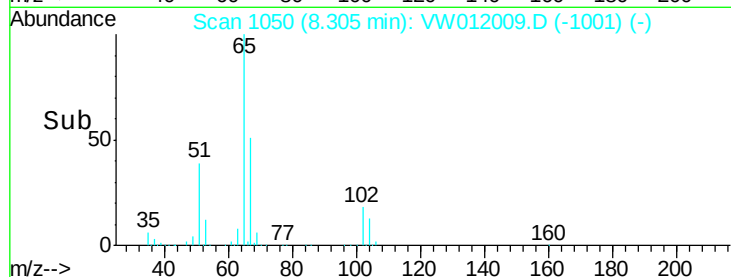
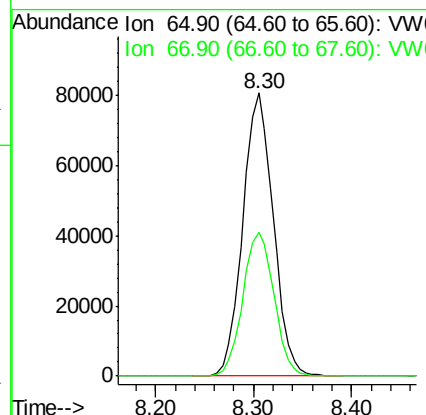
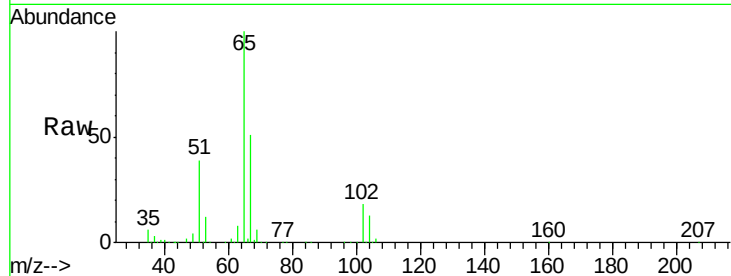




#33
 1,2-Dichloroethane-d4
 Concen: 53.514 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012009.D
 Acq: 19 Aug 2019 23:55

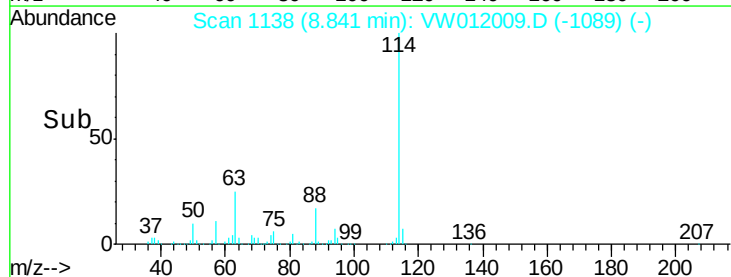
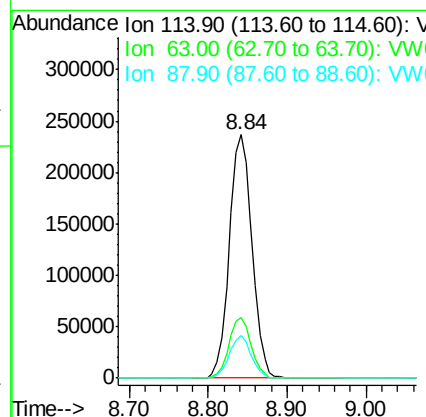
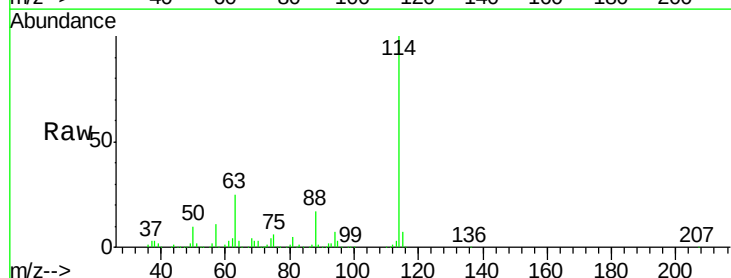
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E1-(2)

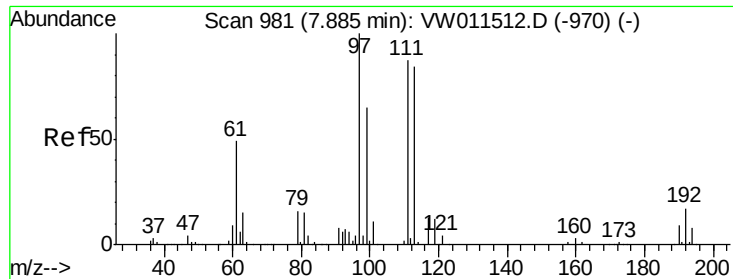
Tot Ion: 65 Resp: 174423
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012009.D
 Acq: 19 Aug 2019 23:55

Tgt Ion: 114 Resp: 472551
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.5 0.0 33.8

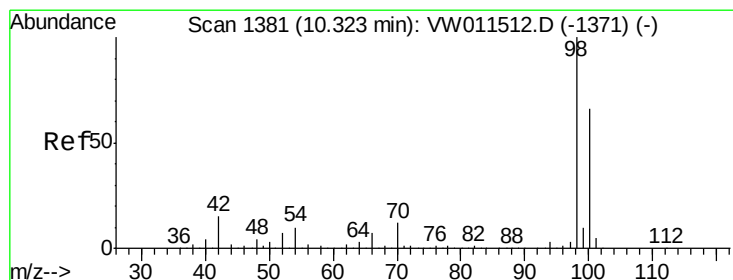
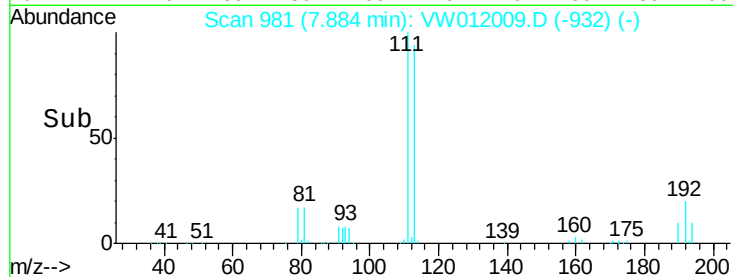
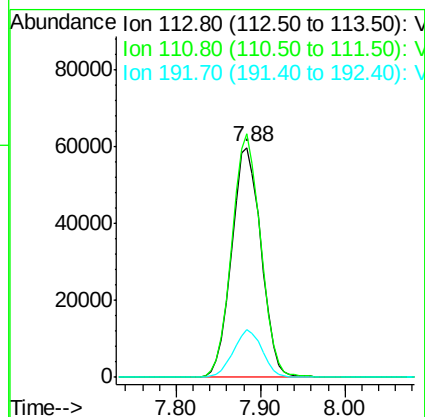
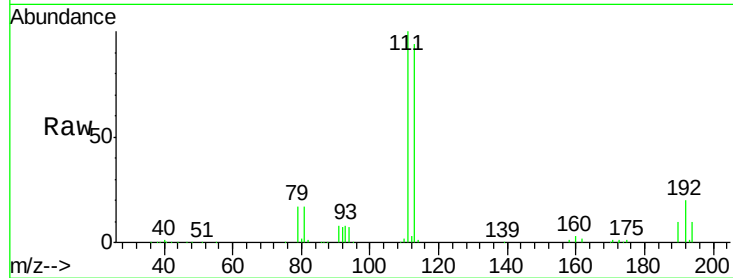




#35
 Dibromofluoromethane
 Concen: 53.521 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012009.D
 Acq: 19 Aug 2019 23:55

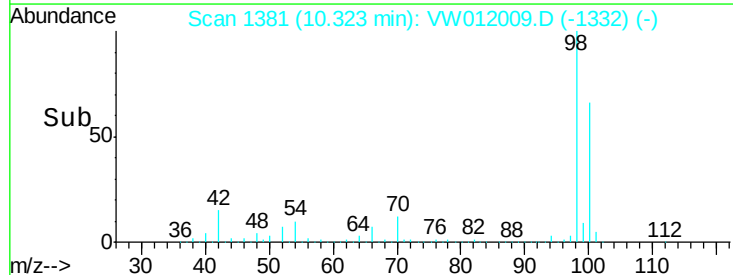
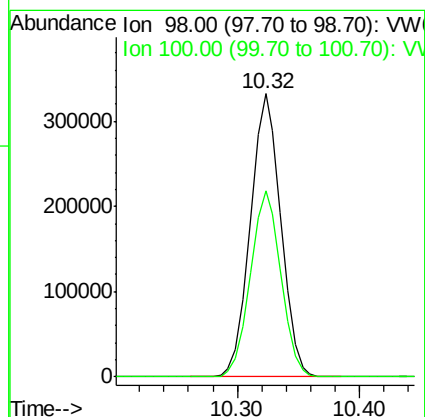
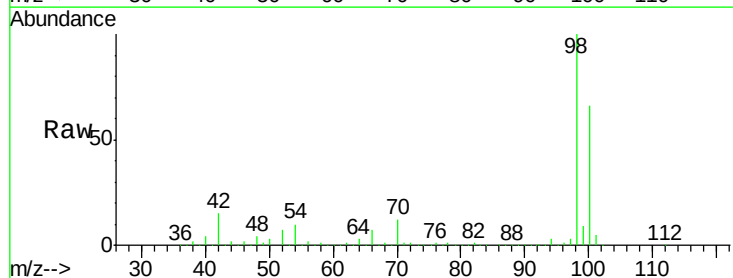
Instrument :
 MSVOA_W
 ClientSampleId :
 T8-E1-(2)

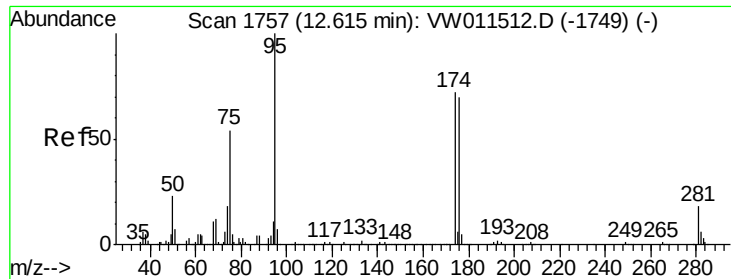
Tot Ion:113 Resp: 141889
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.7 124.1
 192 20.3 16.1 24.1



#50
 Toluene-d8
 Concen: 53.042 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012009.D
 Acq: 19 Aug 2019 23:55

Tgt Ion: 98 Resp: 575735
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.7 79.1

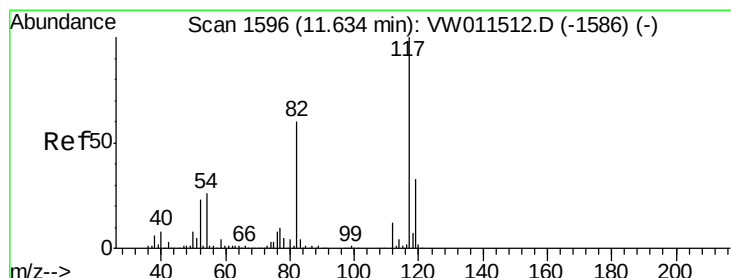
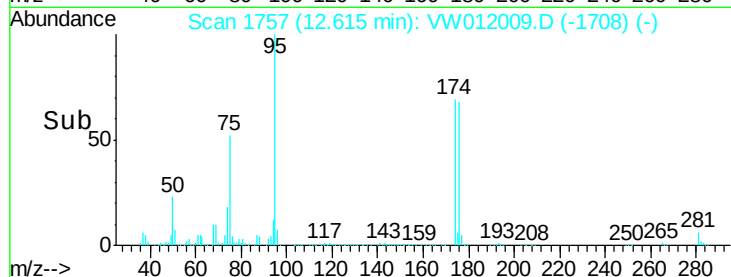
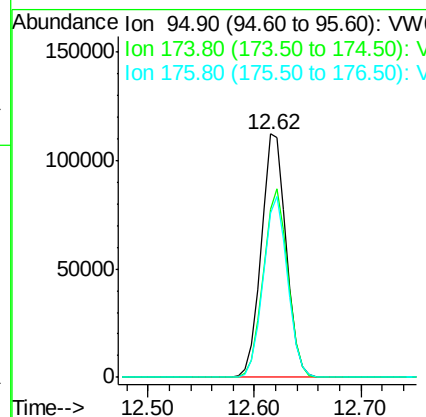
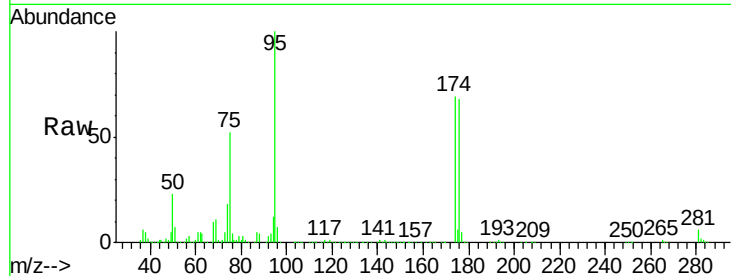




#62
4-Bromofluorobenzene
Concen: 47.477 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012009.D
Acq: 19 Aug 2019 23:55

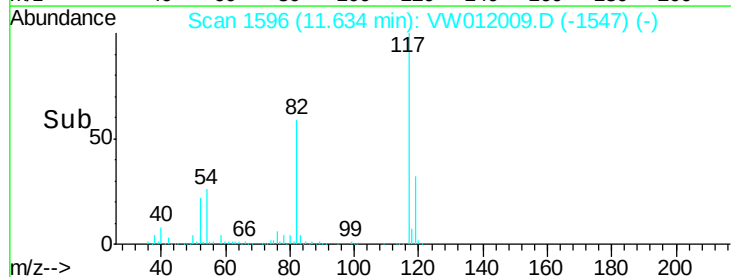
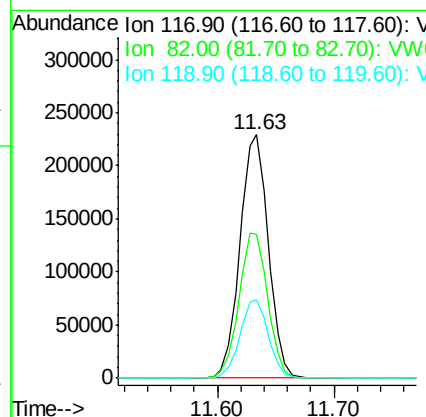
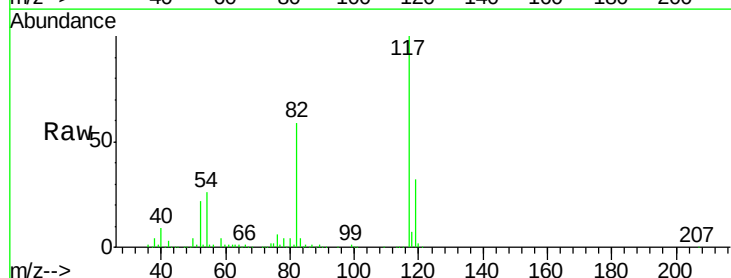
Instrument :
MSVOA_W
ClientSampled :
T8-E1-(2)

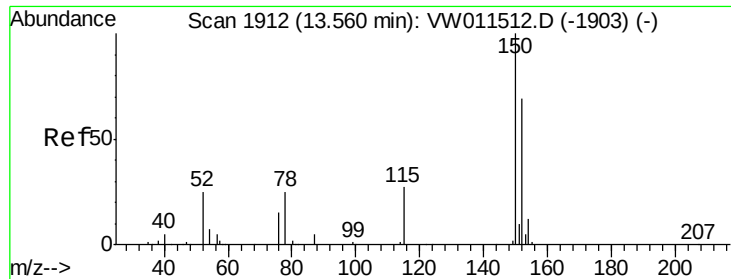
Tot Ion: 95 Resp: 183728
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.2
176 72.8 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012009.D
Acq: 19 Aug 2019 23:55

Tgt Ion: 117 Resp: 389220
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 32.1 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: VW012009.D

Acq: 19 Aug 2019 23:55

Instrument :

MSVOA_W

ClientSampleId :

T8-E1-(2)

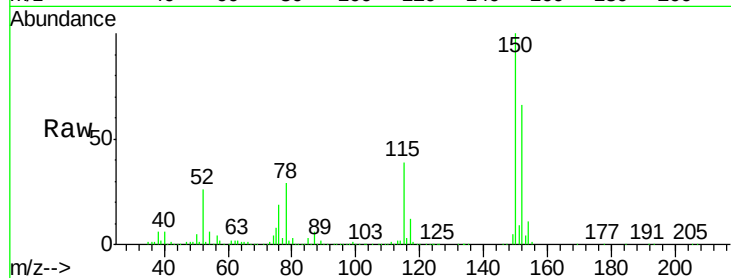
Tot Ion:152 Resp: 156876

Ion Ratio Lower Upper

152 100

115 59.8 30.5 91.5

150 154.5 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

