

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012179.D
 Acq On : 26 Aug 2019 19:06
 Operator : SY/VA
 Sample : K4474-05RE
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(0)RE

Quant Time: Aug 27 05:50:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

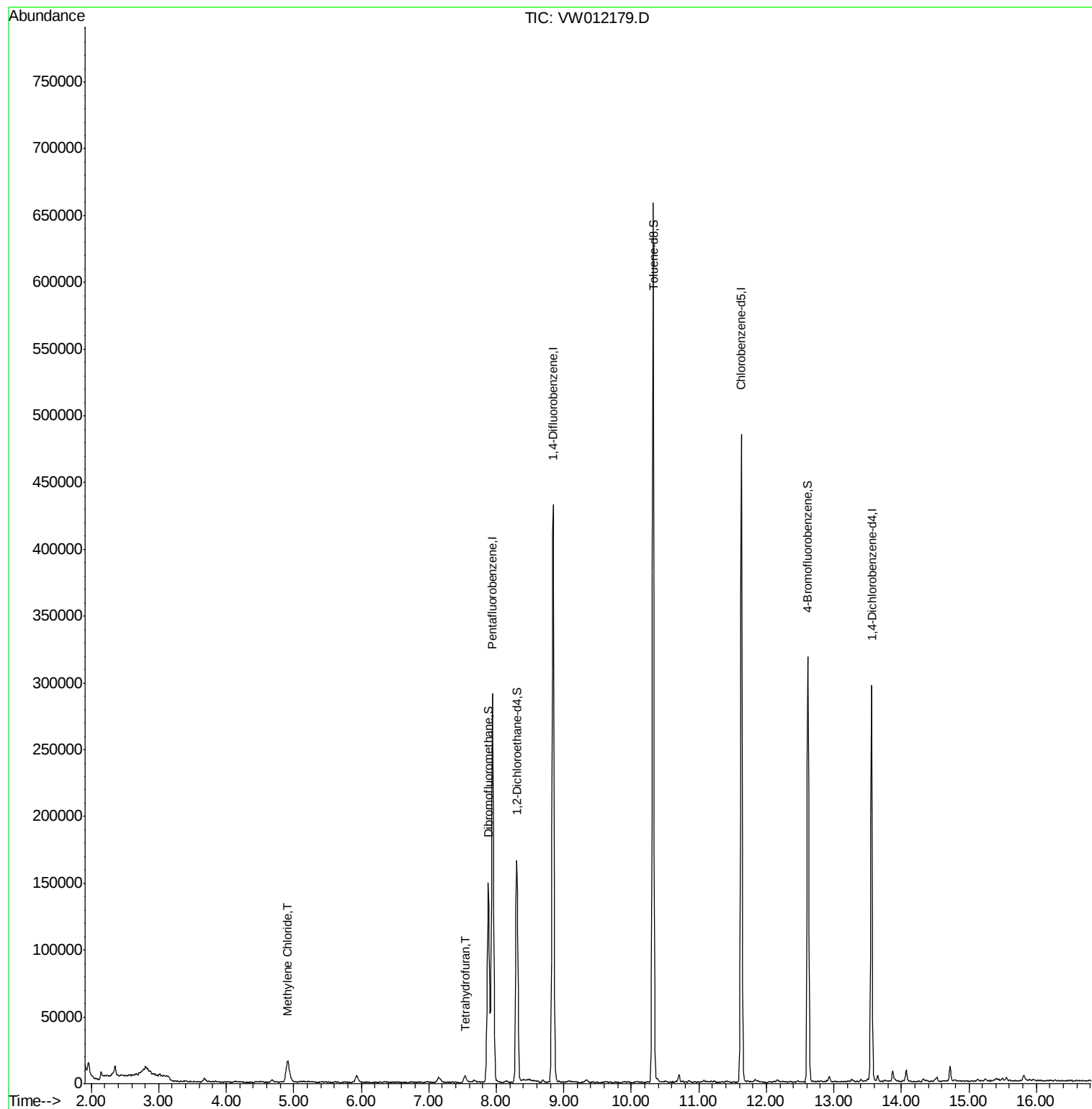
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73548	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134311	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.88	113	106371	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.32	98	406212	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.62	95	102551	35.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.46%	
Target Compounds						
20) Methylene Chloride	4.90	84	12384	5.231	ug/l	95
29) Tetrahydrofuran	7.54	42	4356	8.532	ug/l	97

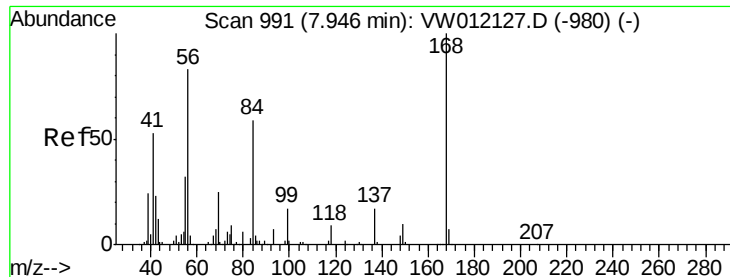
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012179.D

Acq: 26 Aug 2019 19:06

Instrument :

MSVOA_W

ClientSampleId :

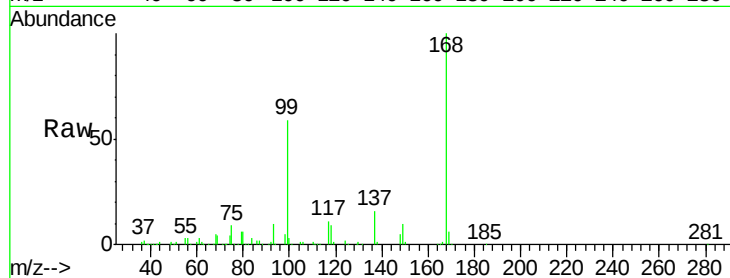
T1-2-F3-(0)RE

Tot Ion:168 Resp: 206084

Ion Ratio Lower Upper

168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

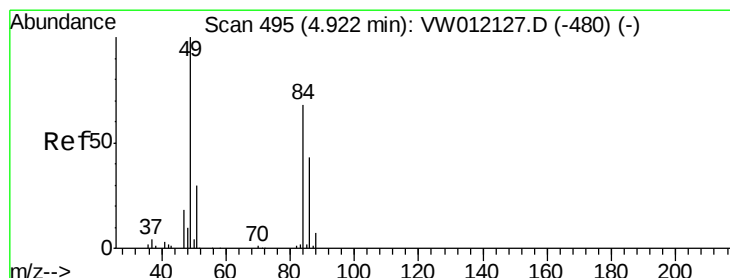
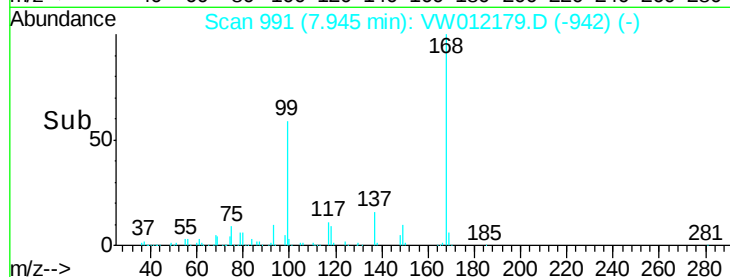
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.231 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012179.D

Acq: 26 Aug 2019 19:06

Tgt Ion: 84 Resp: 12384

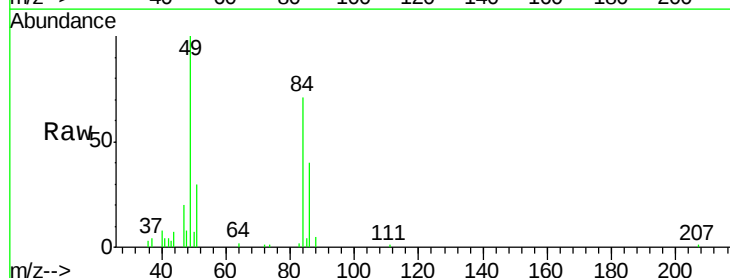
Ion Ratio Lower Upper

84 100

49 141.3 117.8 176.8

51 42.8 35.6 53.4

86 57.1 51.2 76.8



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

8000

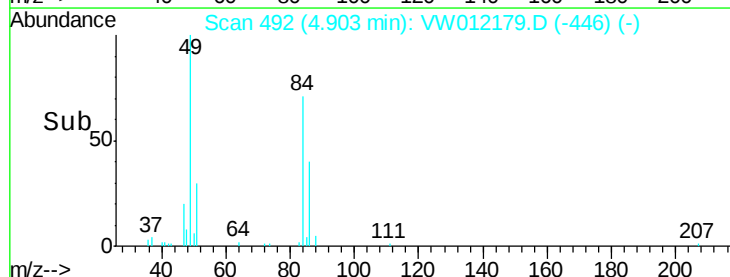
6000

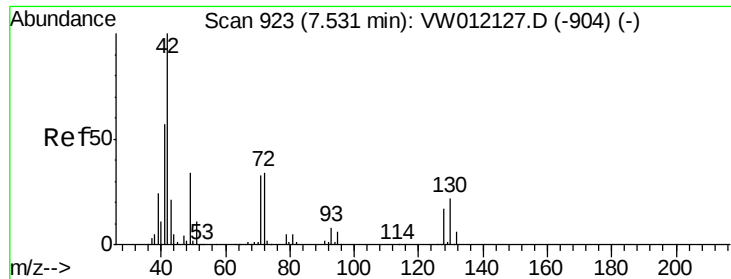
4000

2000

0

Time-->

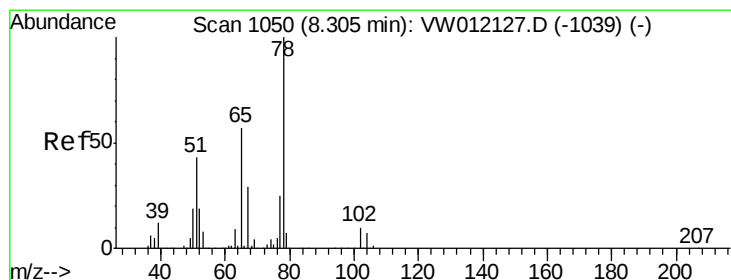
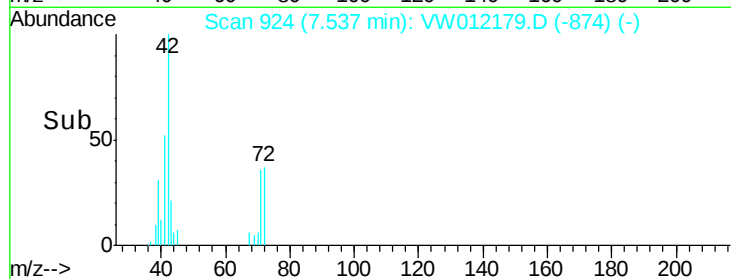
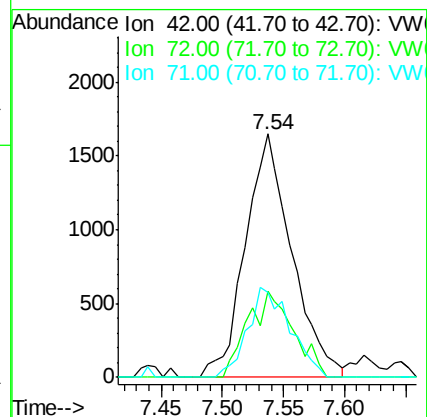
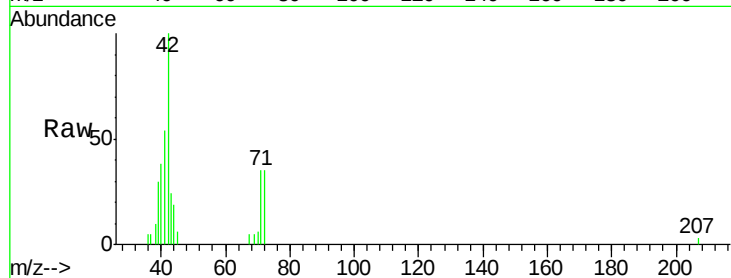




#29
Tetrahydrofuran
Concen: 8.532 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012179.D
Acq: 26 Aug 2019 19:06

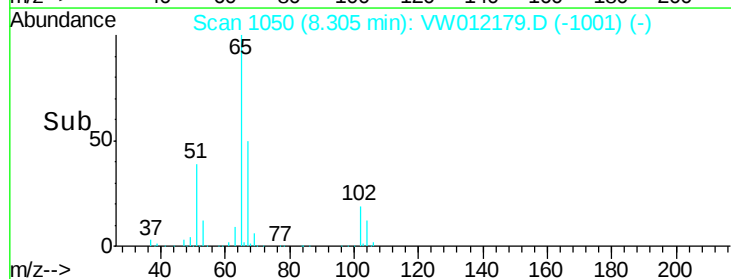
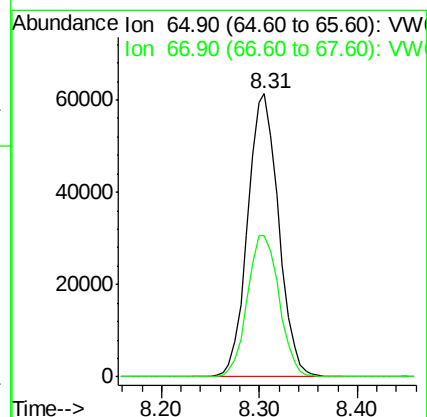
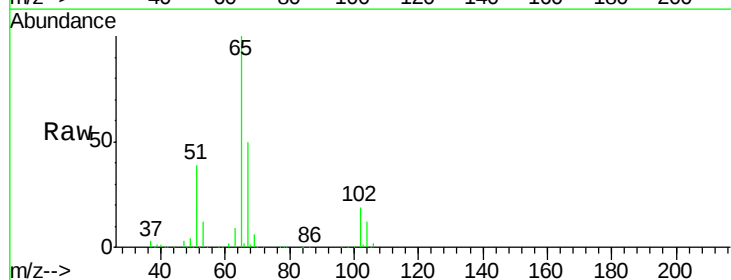
Instrument :
MSVOA_W
ClientSampled :
T1-2-F3-(0)RE

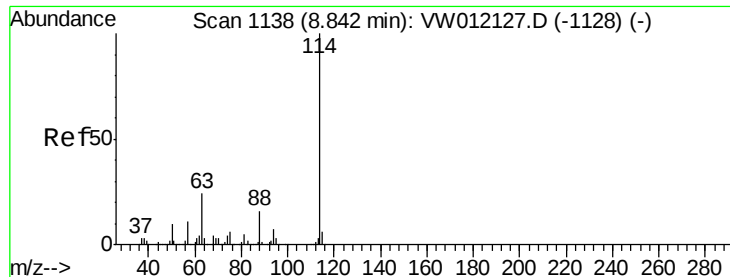
Tot Ion: 42 Resp: 4356
Ion Ratio Lower Upper
42 100
72 34.9 27.3 40.9
71 34.0 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 54.824 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012179.D
Acq: 26 Aug 2019 19:06

Tgt Ion: 65 Resp: 134311
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.6

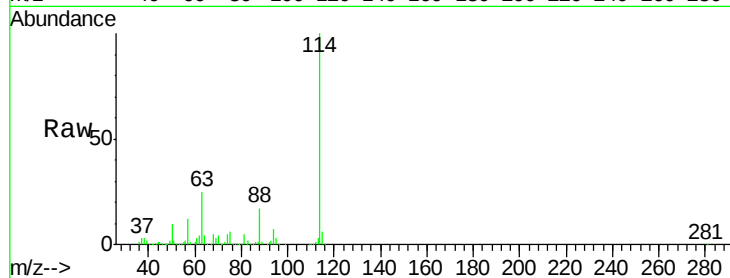




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012179.D
 Acq: 26 Aug 2019 19:06

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F3-(0)RE

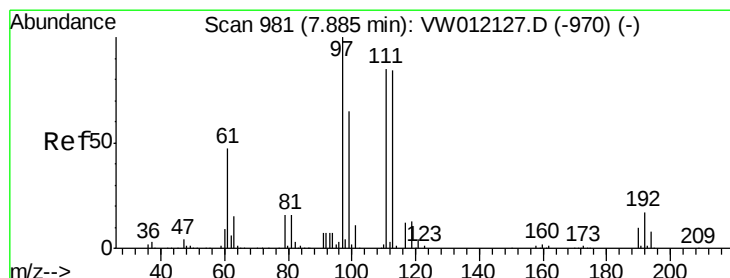
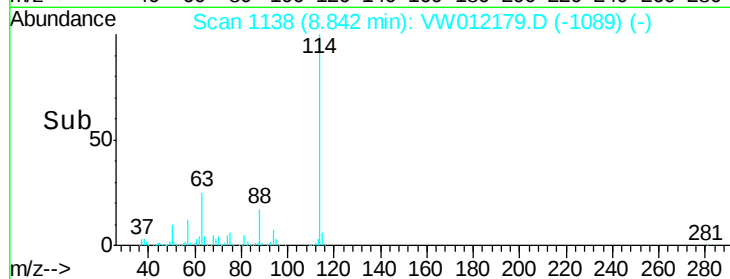
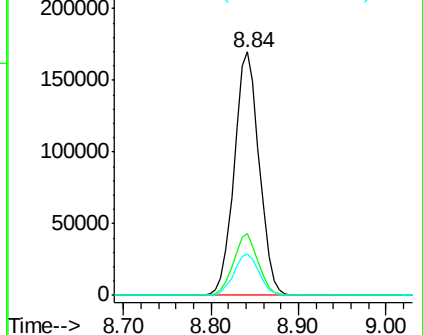
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	48.6
88	17.0	0.0	32.2



Abundance Ion 113.90 (113.60 to 114.60): V

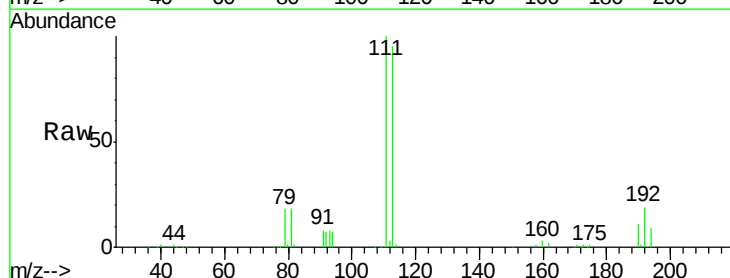
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 52.964 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012179.D
 Acq: 26 Aug 2019 19:06

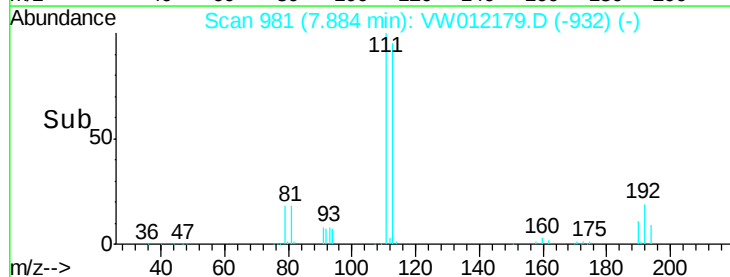
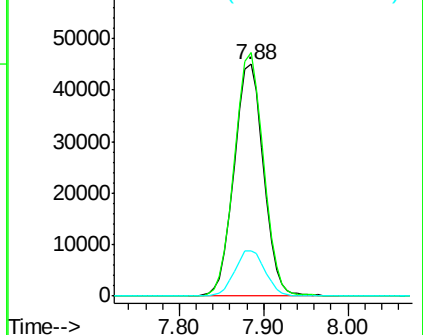
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	20.1	16.2	24.2

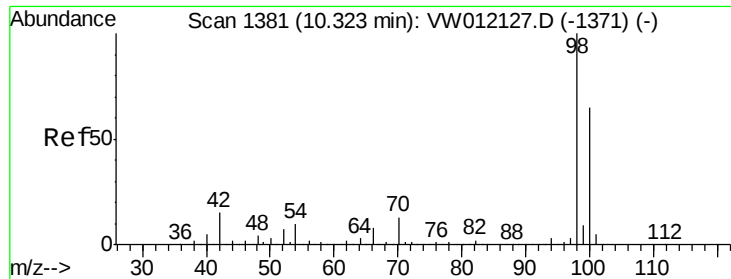


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

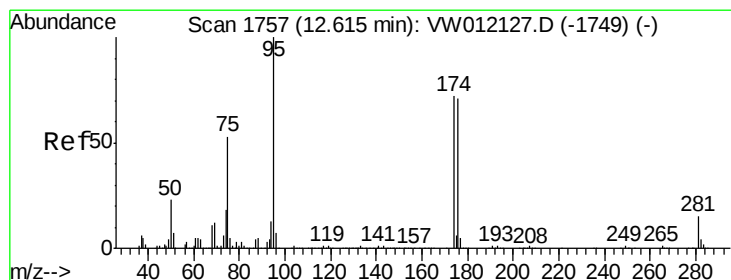
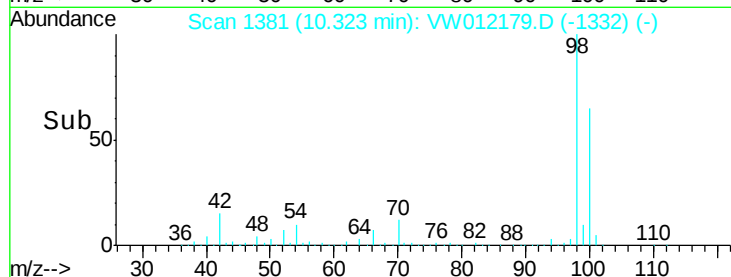
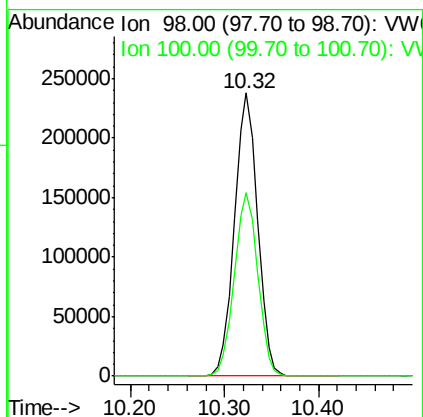
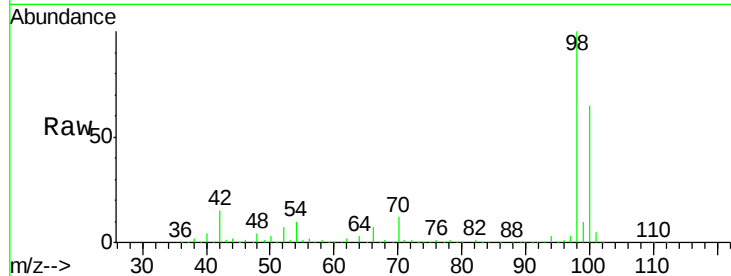




#50
Toluene-d8
Concen: 49.882 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012179.D
Acq: 26 Aug 2019 19:06

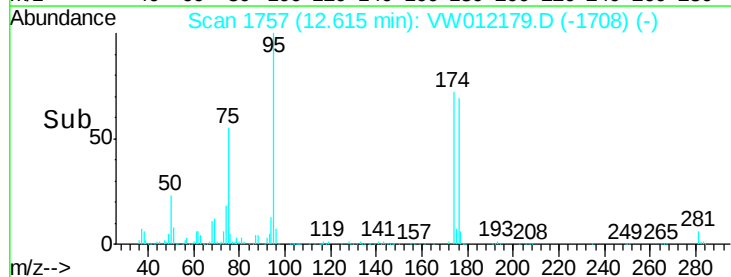
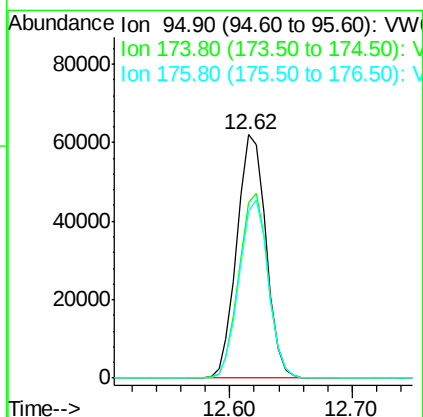
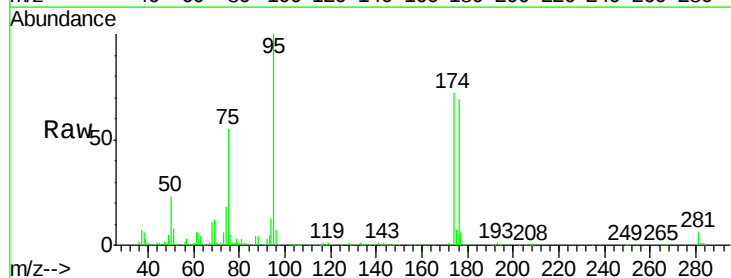
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F3-(0)RE

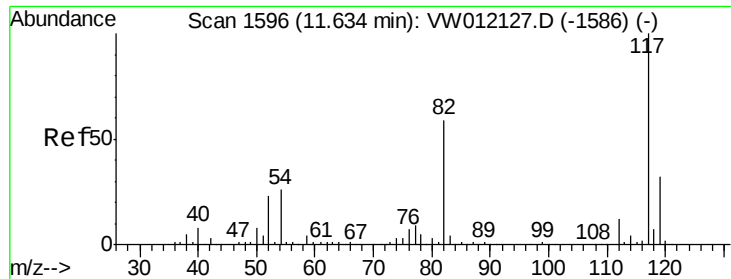
Tot Ion: 98 Resp: 406212
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 35.725 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012179.D
Acq: 26 Aug 2019 19:06

Tgt Ion: 95 Resp: 102551
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.8
176 73.7 0.0 148.6

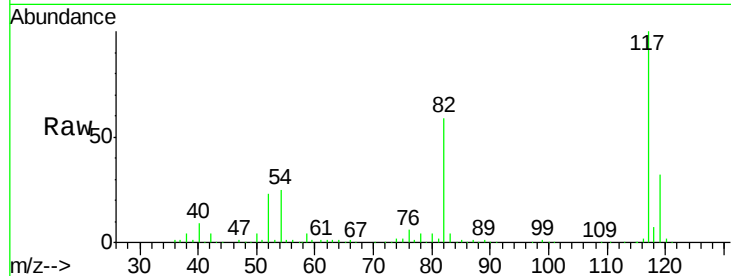




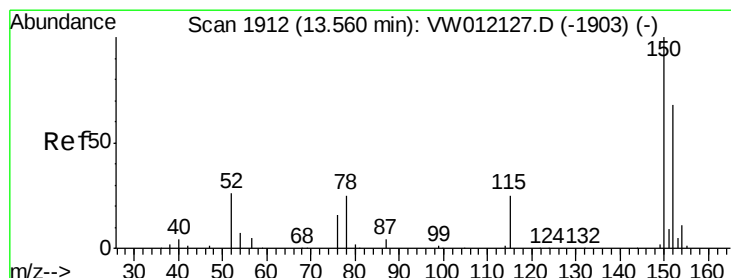
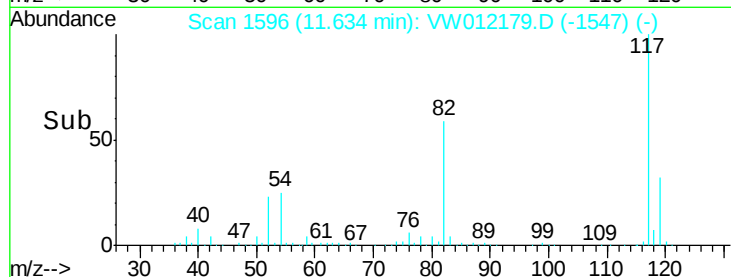
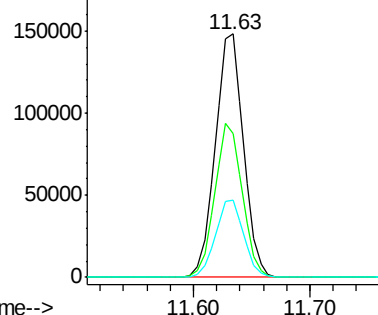
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012179.D
Acq: 26 Aug 2019 19:06

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F3-(0)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	31.9	25.4	38.2

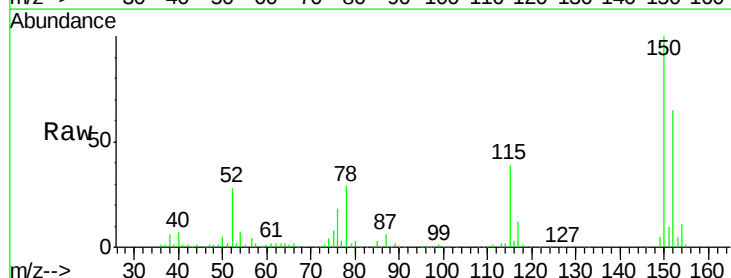


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012179.D
Acq: 26 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.1	90.3
150	156.3	0.0	345.8



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

