

Data File : VW012694.D
Acq On : 06 Sep 2019 16:25
Operator : SY/VA
Sample : K4580-17
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-A3-(0)

Quant Time: Sep 07 06:19:58 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

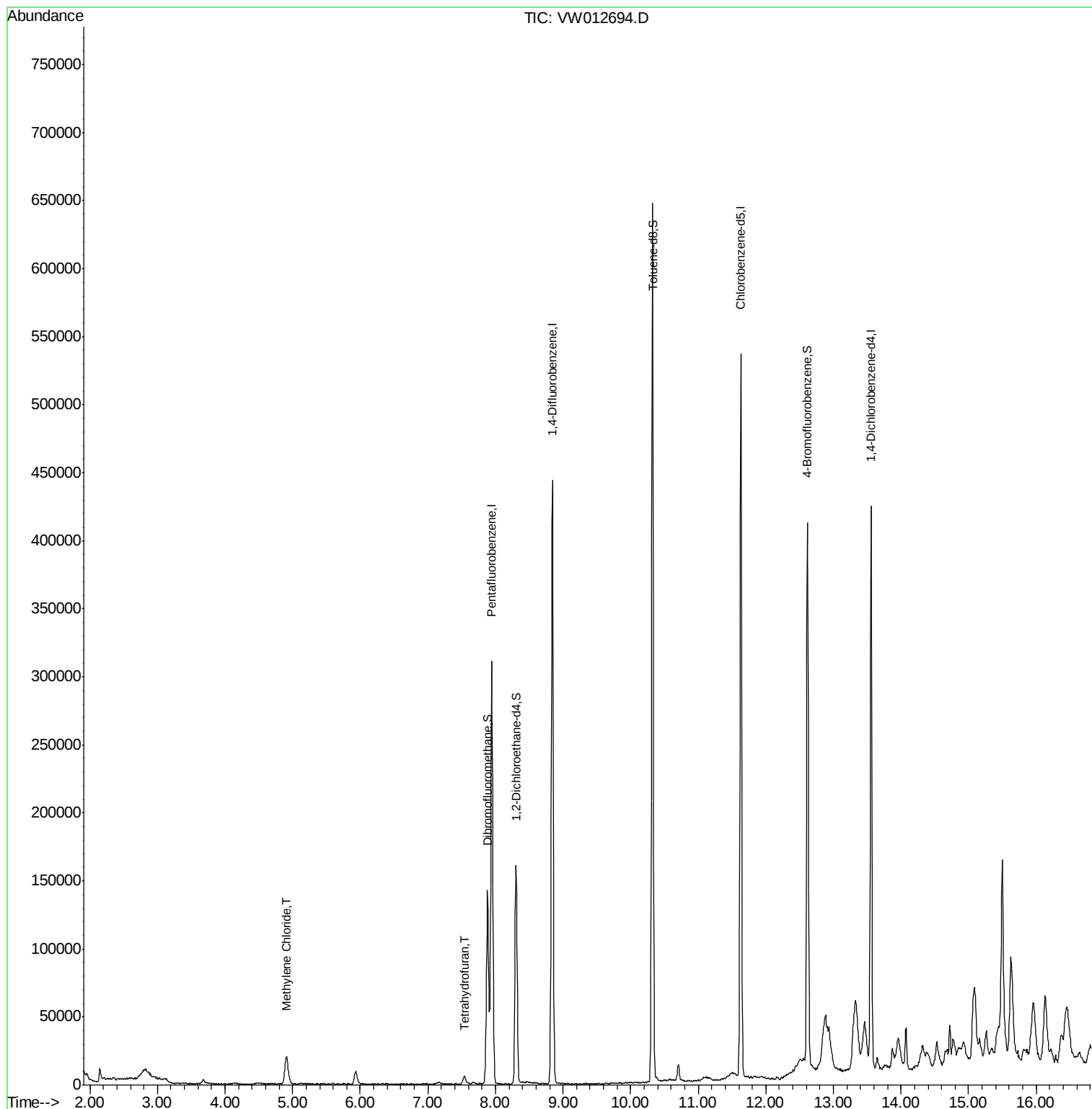
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	107185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130100	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.88	113	101031	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.32	98	414404	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.62	95	127753	42.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.56%	
Target Compounds						
20) Methylene Chloride	4.90	84	15598	5.994	ug/l	91
29) Tetrahydrofuran	7.54	42	5611	9.998	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: VW012694.D

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MSVOA_W

ClientSampleId :

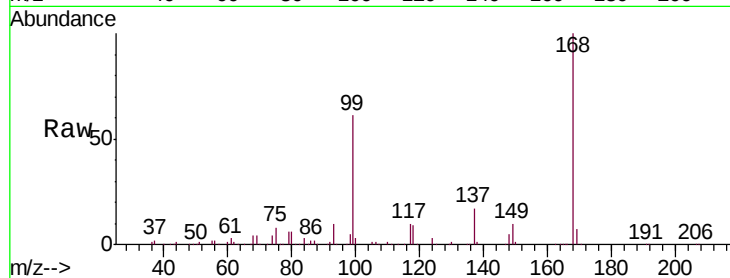
T12-A3-(0)

Tgt Ion:168 Resp: 226546

Ion Ratio Lower Upper

168 100

99 61.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

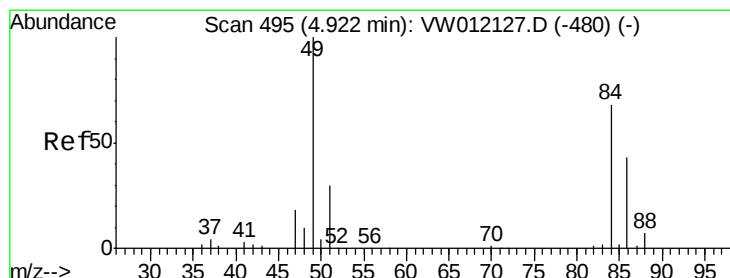
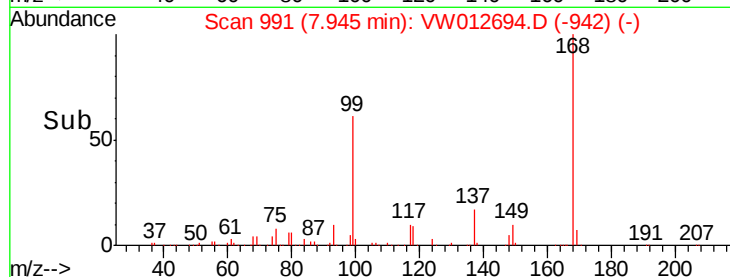
20000

0

7.90

8.00

Time-->



#20

Methylene Chloride

Concen: 5.994 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012694.D

Acq: 06 Sep 2019 16:25

Tgt Ion: 84 Resp: 15598

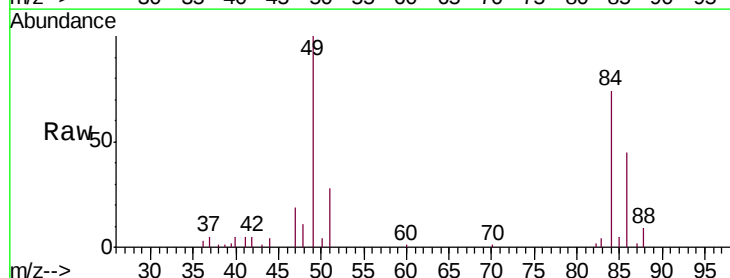
Ion Ratio Lower Upper

84 100

49 134.3 117.8 176.8

51 38.2 35.6 53.4

86 60.8 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

10000

8000

6000

4000

2000

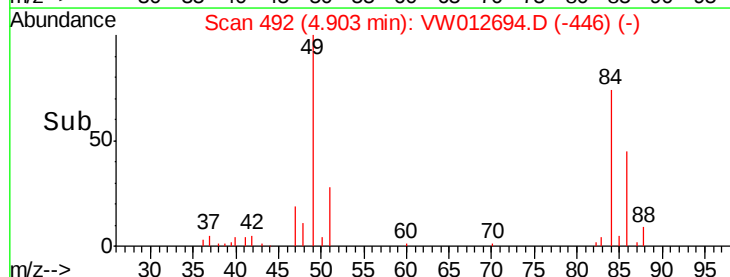
0

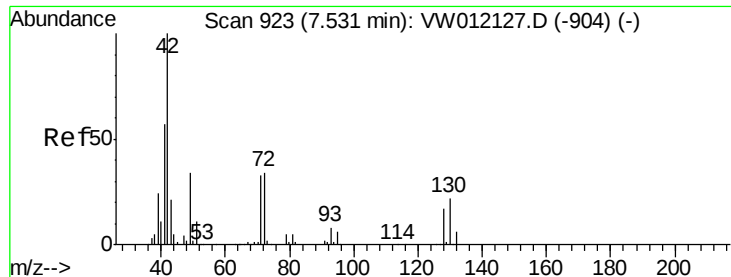
4.80

4.90

5.00

Time-->

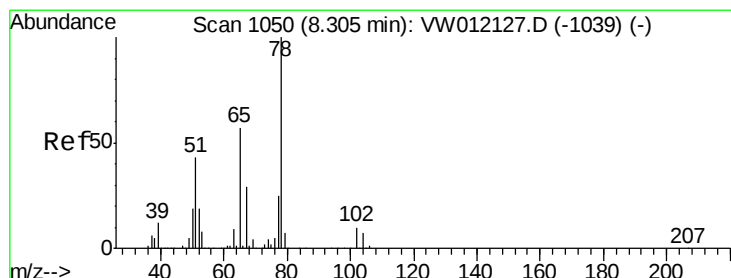
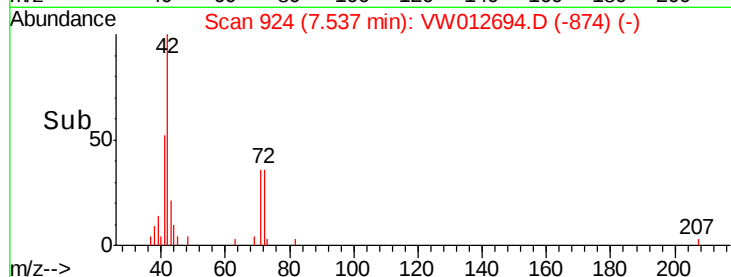
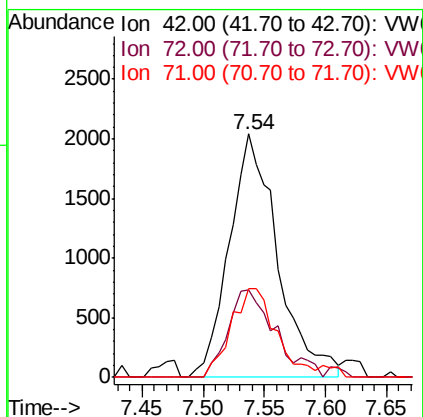
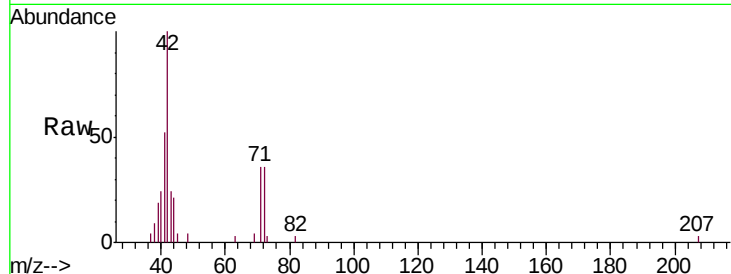




#29
Tetrahydrofuran
Concen: 9.998 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012694.D
Acq: 06 Sep 2019 16:25

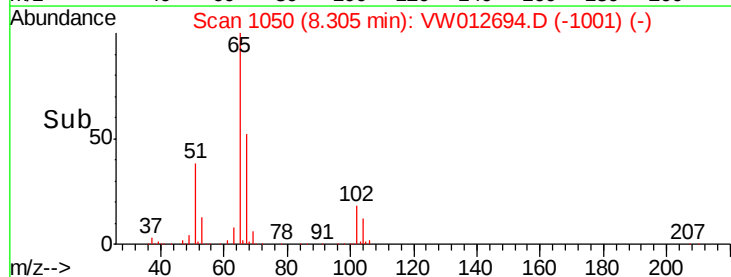
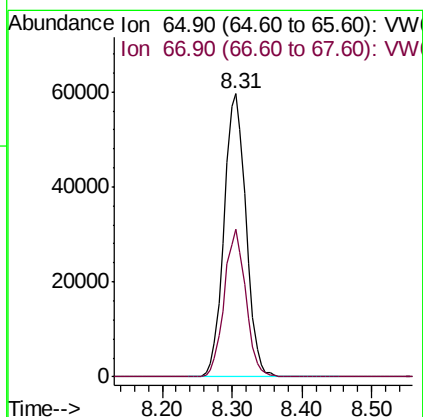
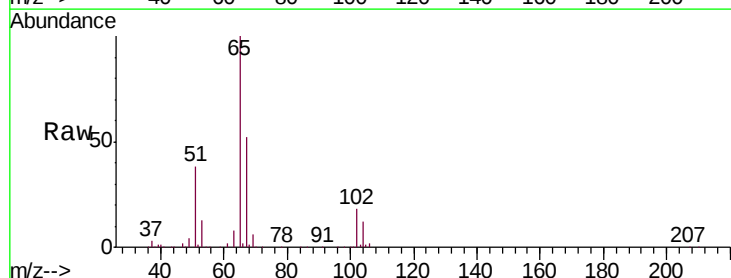
Instrument :
MSVOA_W
ClientSampled :
T12-A3-(0)

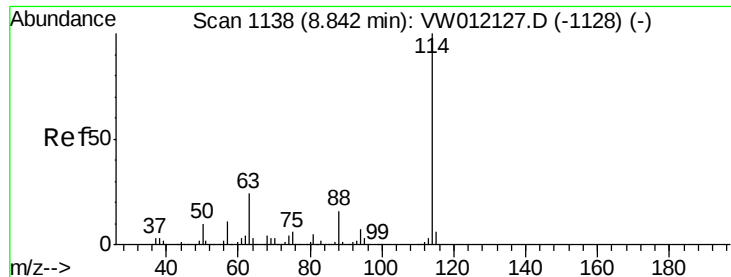
Tgt Ion: 42 Resp: 5611
Ion Ratio Lower Upper
42 100
72 35.0 27.3 40.9
71 33.6 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 48.309 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012694.D
Acq: 06 Sep 2019 16:25

Tgt Ion: 65 Resp: 130100
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.6

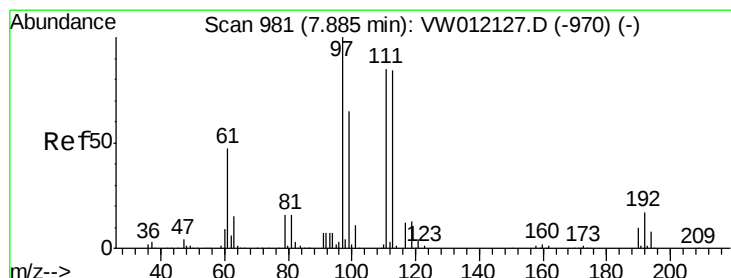
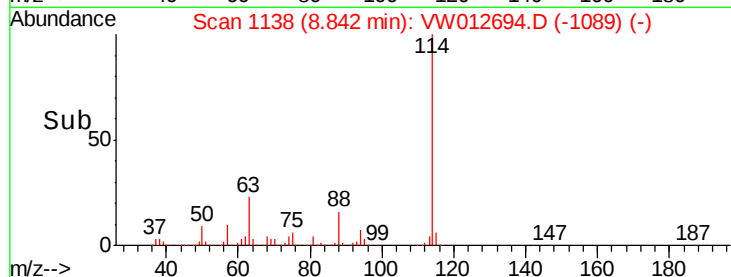
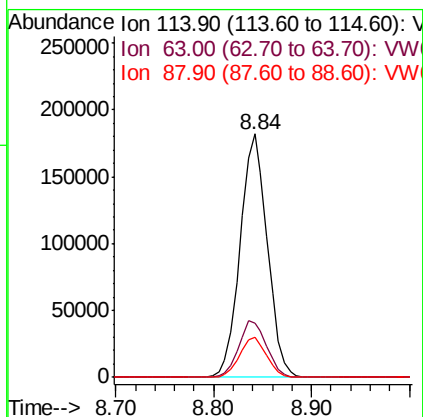
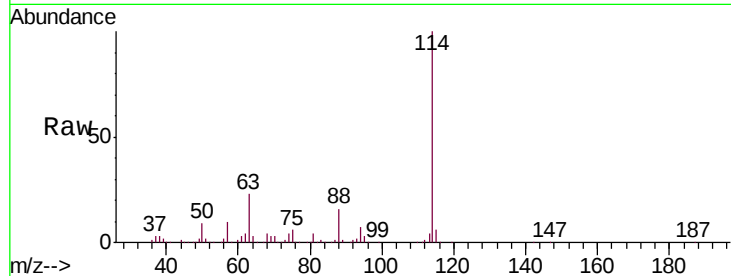




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012694.D
 Acq: 06 Sep 2019 16:25

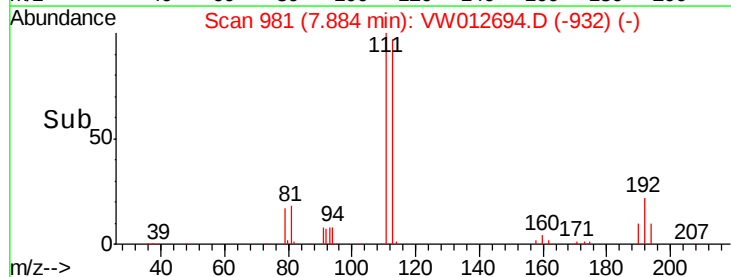
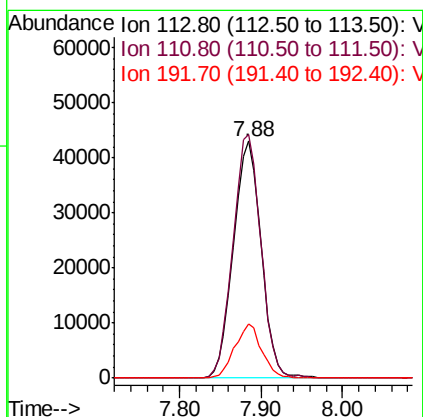
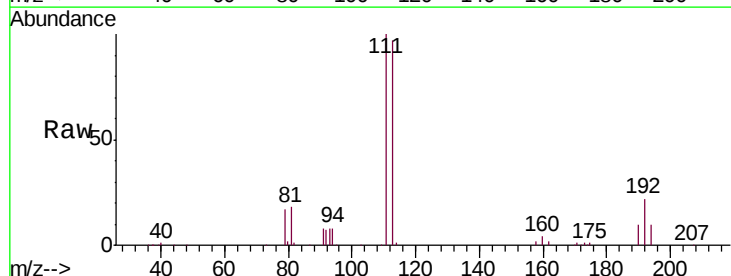
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-A3-(0)

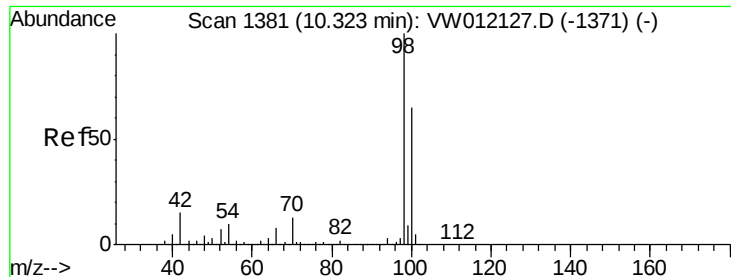
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	48.6
88	16.4	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 48.356 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012694.D
 Acq: 06 Sep 2019 16:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	21.9	16.2	24.2





#50

Toluene-d8

Concen: 48.917 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012694.D

Acq: 06 Sep 2019 16:25

Instrument :

MSVOA_W

ClientSampleId :

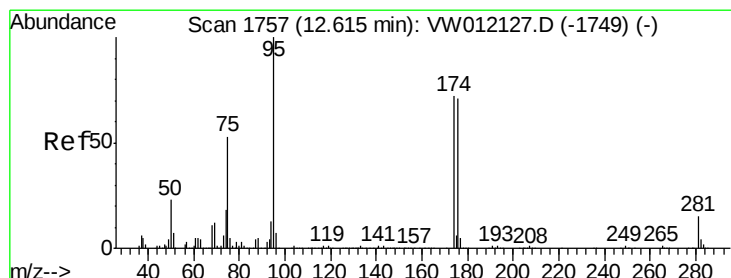
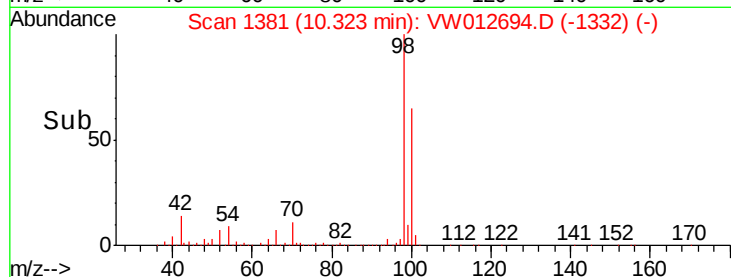
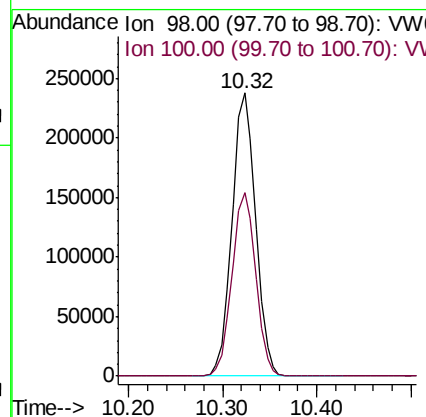
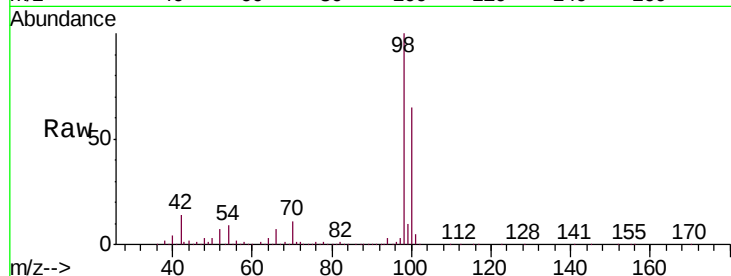
T12-A3-(0)

Tgt Ion: 98 Resp: 414404

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.781 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012694.D

Acq: 06 Sep 2019 16:25

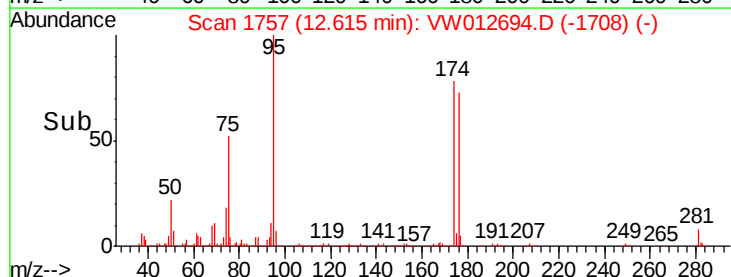
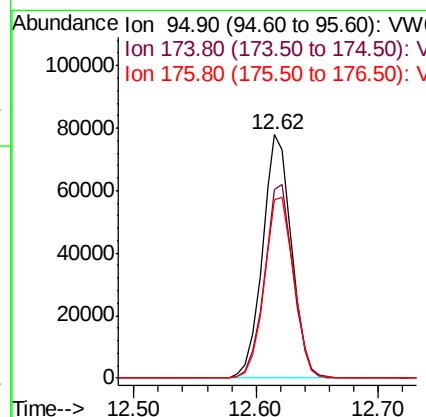
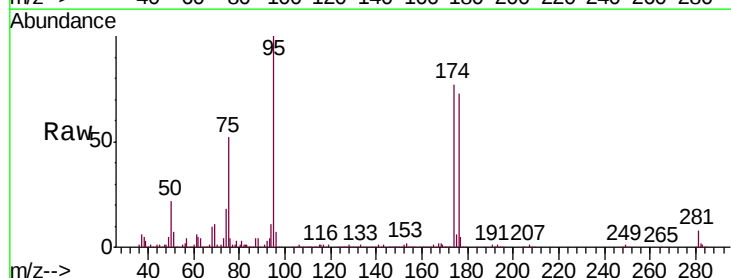
Tgt Ion: 95 Resp: 127753

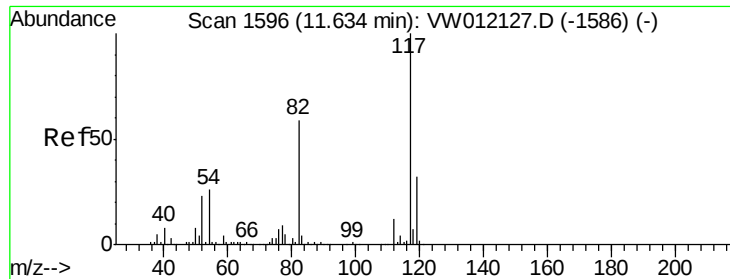
Ion Ratio Lower Upper

95 100

174 78.9 0.0 150.8

176 75.6 0.0 148.6

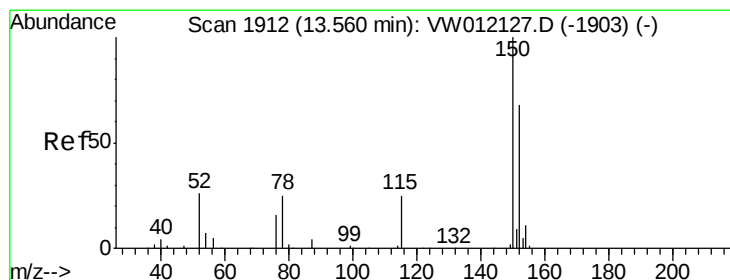
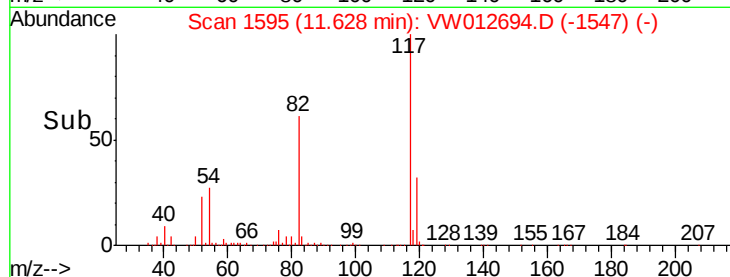
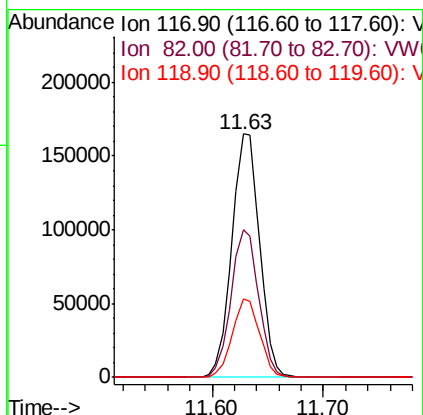
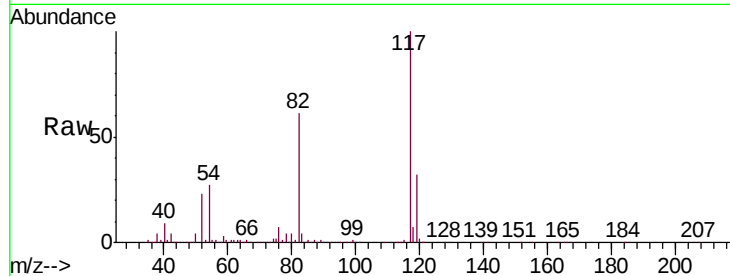




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012694.D
Acq: 06 Sep 2019 16:25

Instrument :
MSVOA_W
ClientSampleId :
T12-A3-(0)

Tgt Ion:117 Resp: 284655
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012694.D
Acq: 06 Sep 2019 16:25

Tgt Ion:152 Resp: 107185
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.3
150 154.4 0.0 345.8

