

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008228.D
 Acq On : 12 Jan 2019 08:28
 Operator : SY/VA
 Sample : K1122-02
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2I(16-16.5)

Quant Time: Jan 17 03:57:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

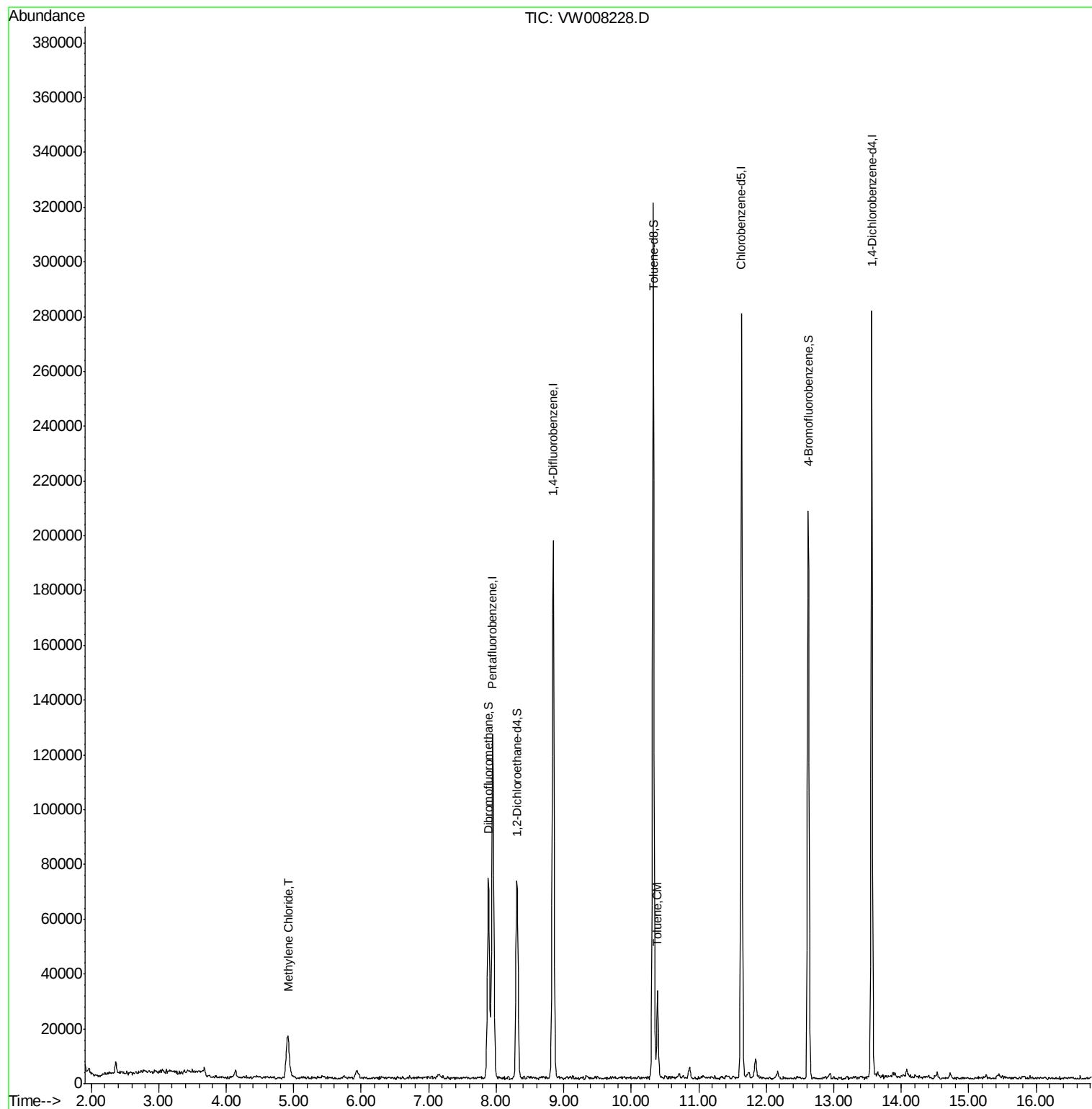
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53827	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	51407	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
50) Toluene-d8	10.32	98	210448	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	68393	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
Target Compounds						
20) Methylene Chloride	4.91	84	11423	7.199	ug/l	93
52) Toluene	10.39	92	13629	4.591	ug/l	97

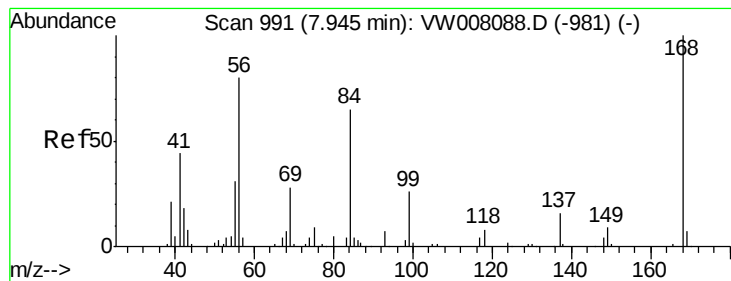
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

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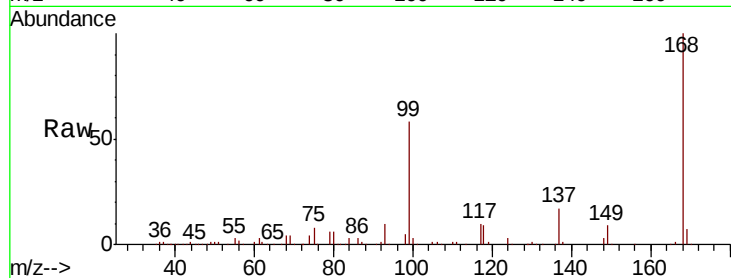
SB-2I(16-16.5)

Tot Ion:168 Resp: 91235

Ion Ratio Lower Upper

168 100

99 58.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

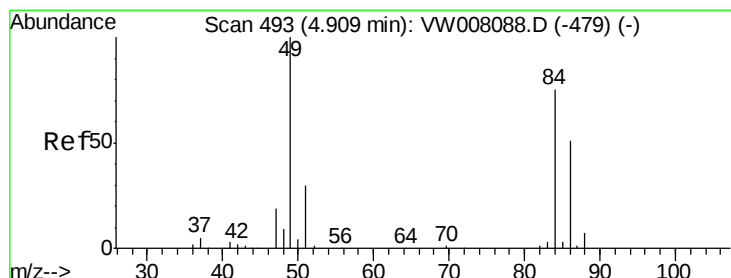
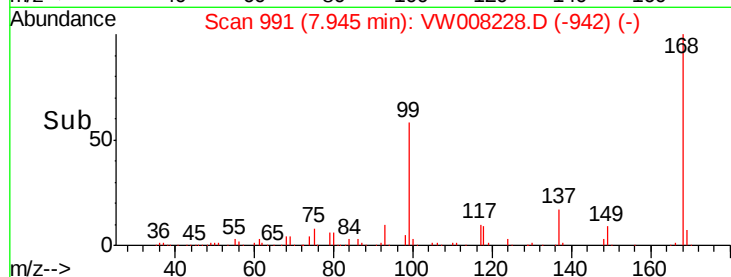
20000

10000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 7.199 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Tgt Ion: 84 Resp: 11423

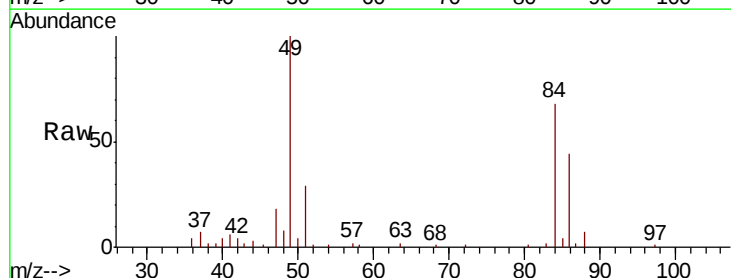
Ion Ratio Lower Upper

84 100

49 144.0 107.1 160.7

51 42.8 32.4 48.6

86 64.2 54.2 81.4



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

4.91

8000

6000

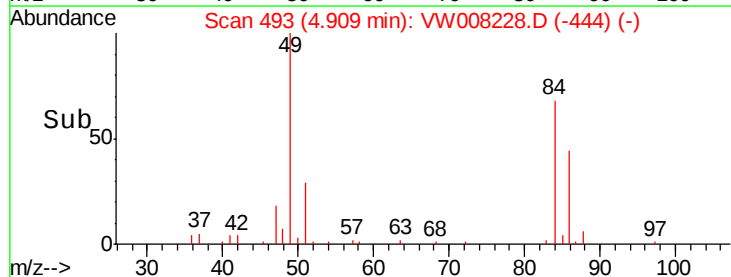
4000

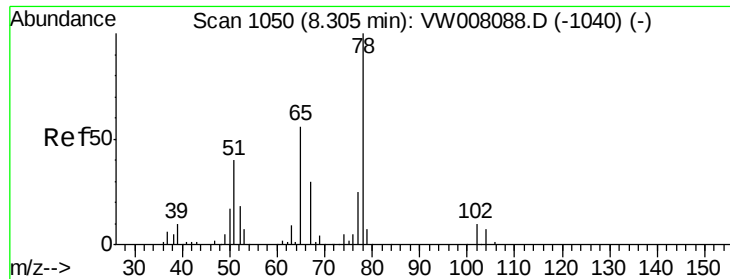
2000

0

4.80 4.90 5.00

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.494 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

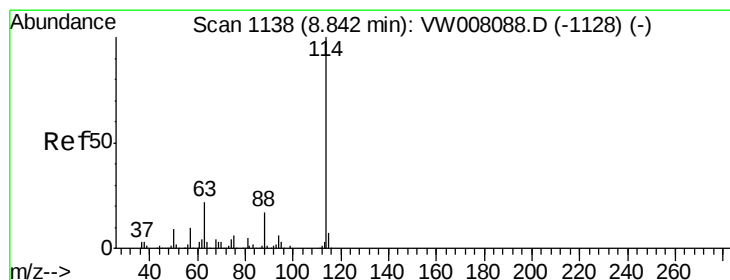
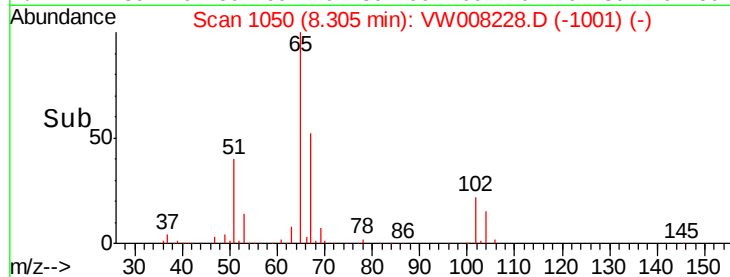
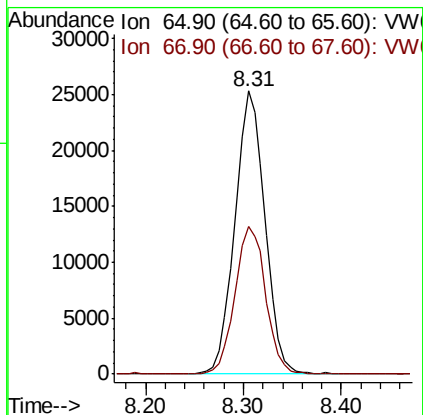
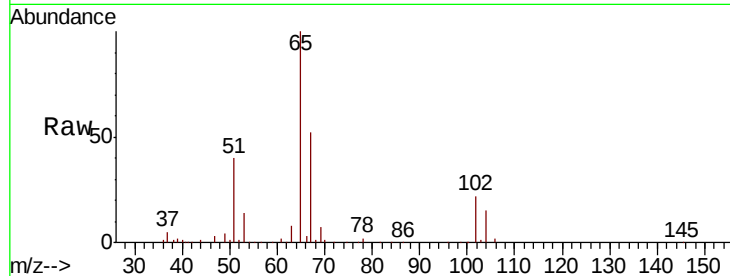
SB-2I(16-16.5)

Tot Ion: 65 Resp: 53827

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

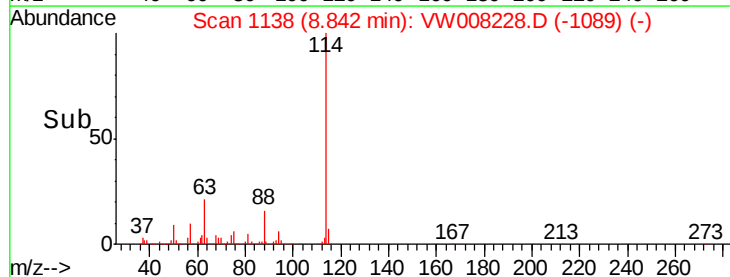
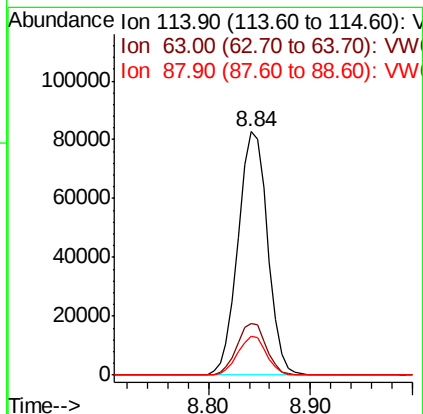
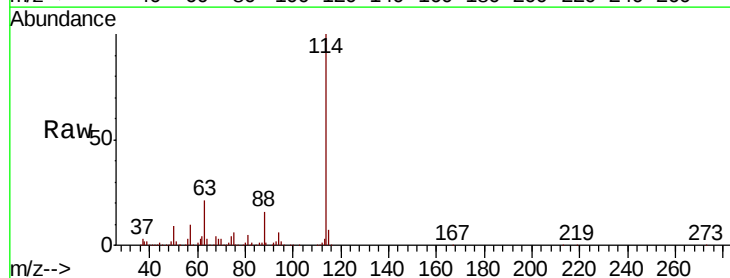
Tgt Ion: 114 Resp: 166380

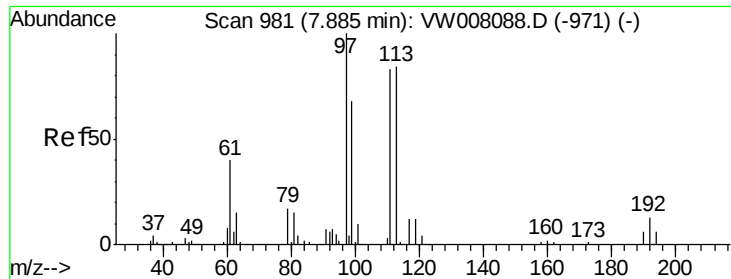
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

88 16.1 0.0 33.4

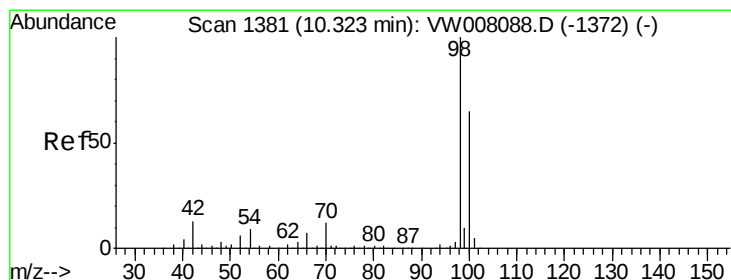
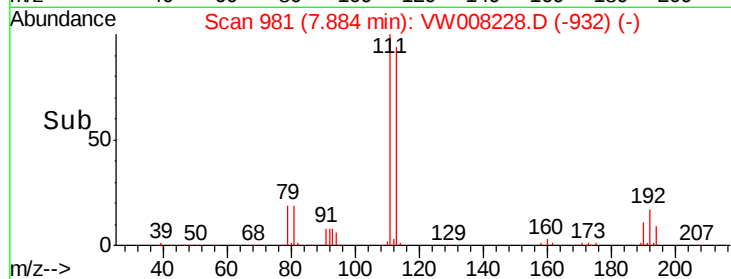
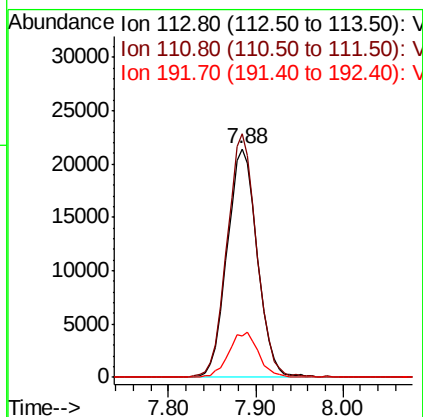
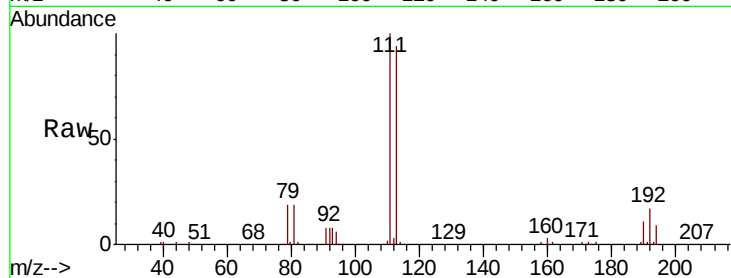




#35
Dibromofluoromethane
Concen: 52.976 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

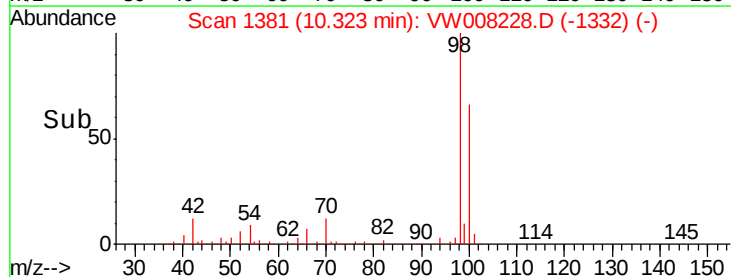
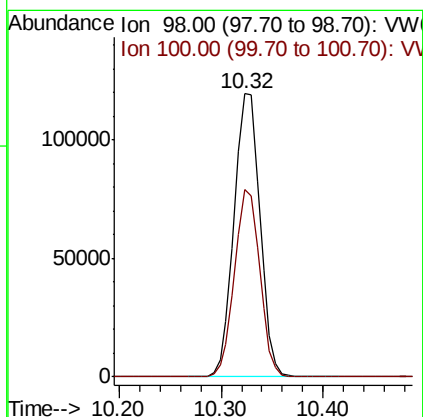
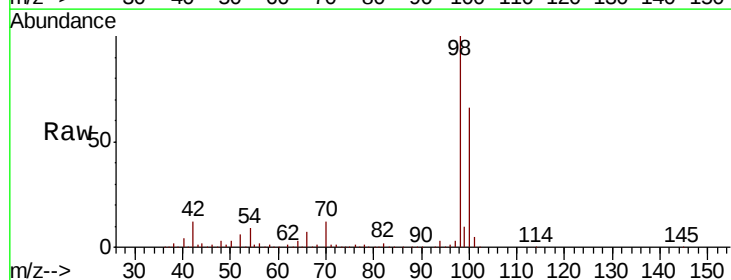
Instrument :
MSVOA_W
ClientSampleId :
SB-2I(16-16.5)

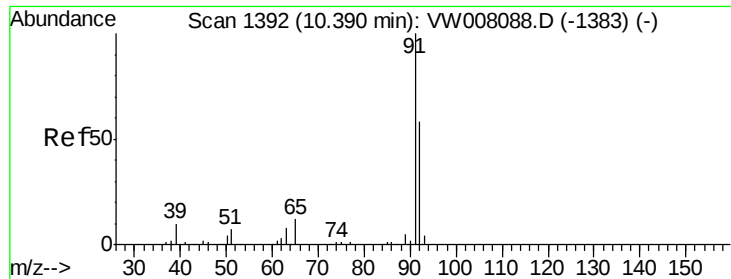
Tot Ion:113 Resp: 51407
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 19.3 12.8 19.2#



#50
Toluene-d8
Concen: 51.680 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

Tgt Ion: 98 Resp: 210448
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5





#52

Toluene

Concen: 4.591 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

Instrument :

MSVOA_W

ClientSampleId :

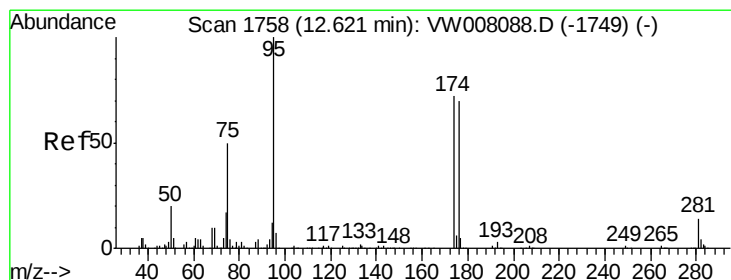
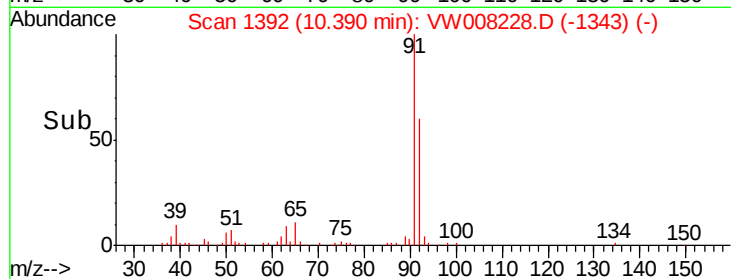
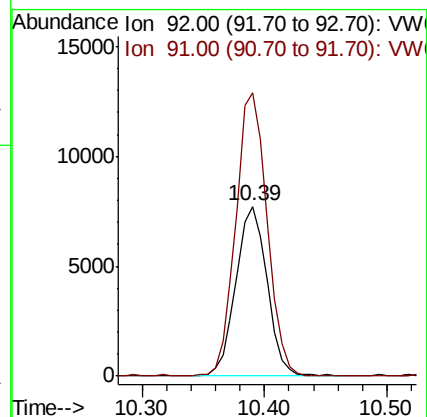
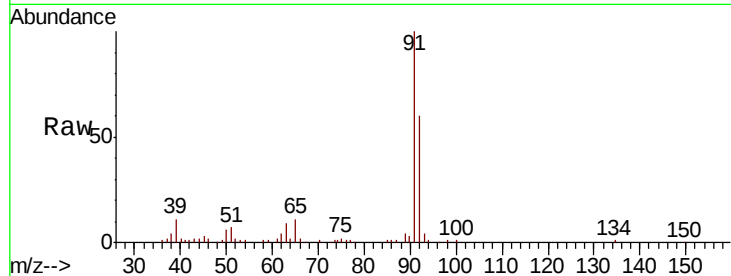
SB-2I(16-16.5)

Tot Ion: 92 Resp: 13629

Ion Ratio Lower Upper

92 100

91 166.9 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 46.849 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008228.D

Acq: 12 Jan 2019 08:28

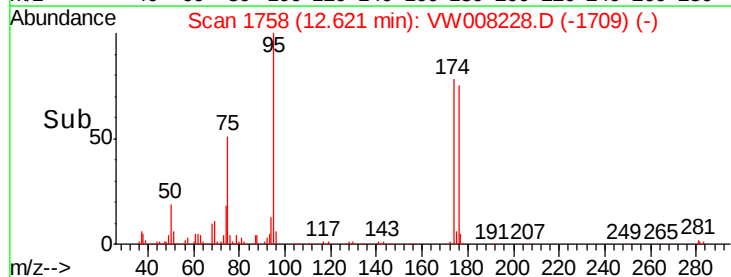
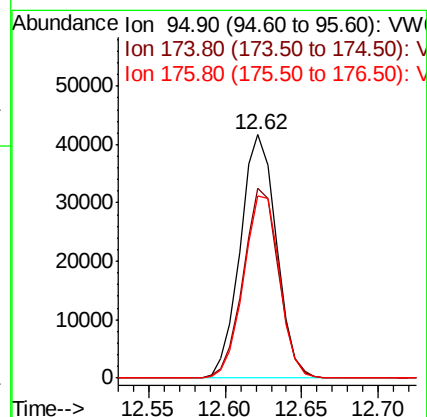
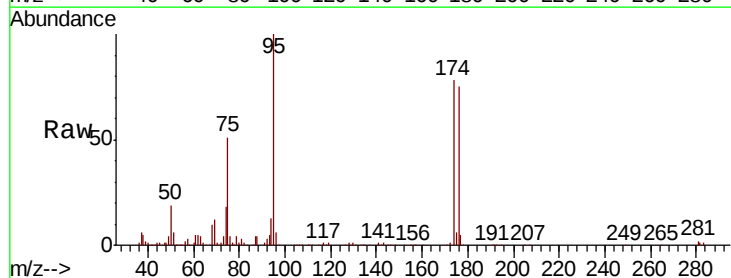
Tgt Ion: 95 Resp: 68393

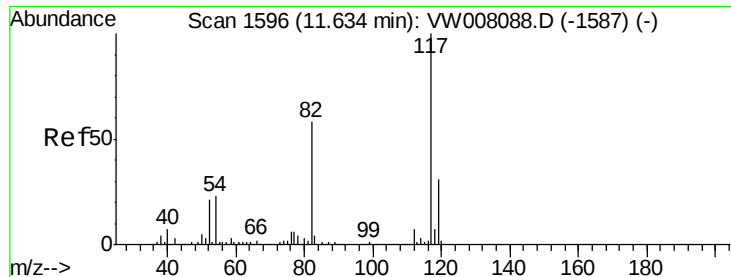
Ion Ratio Lower Upper

95 100

174 76.6 0.0 143.0

176 74.6 0.0 140.2

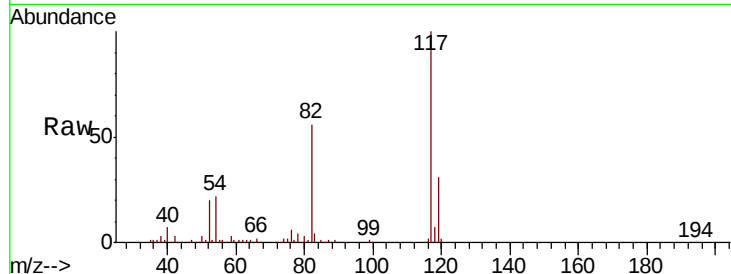




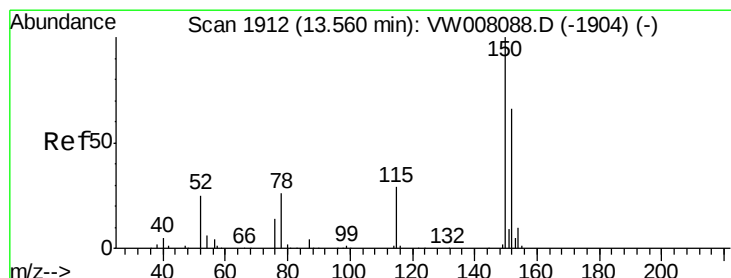
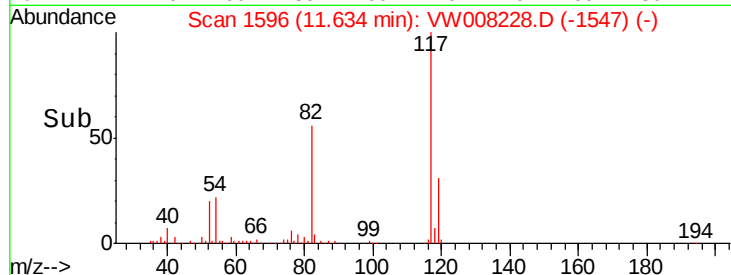
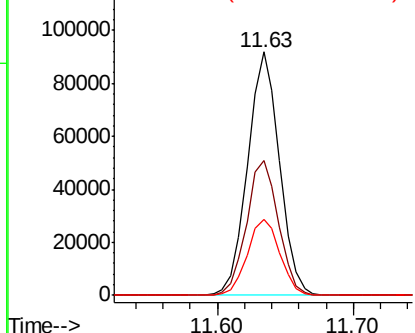
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

Instrument :
MSVOA_W
ClientSampleId :
SB-2I(16-16.5)

Tot Ion:117 Resp: 150277
Ion Ratio Lower Upper
117 100
82 55.6 46.4 69.6
119 31.0 24.7 37.1

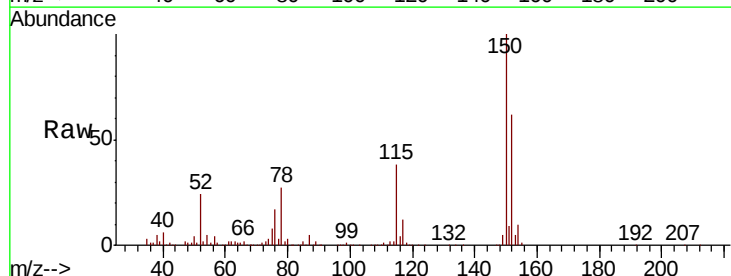


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008228.D
Acq: 12 Jan 2019 08:28

Tgt Ion:152 Resp: 68419
Ion Ratio Lower Upper
152 100
115 61.0 30.8 92.4
150 158.1 0.0 350.2



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

