

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012380.D
 Acq On : 31 Aug 2019 05:30
 Operator : SY/VA
 Sample : K4517-01
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A1-(0)

Quant Time: Aug 31 06:35:43 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

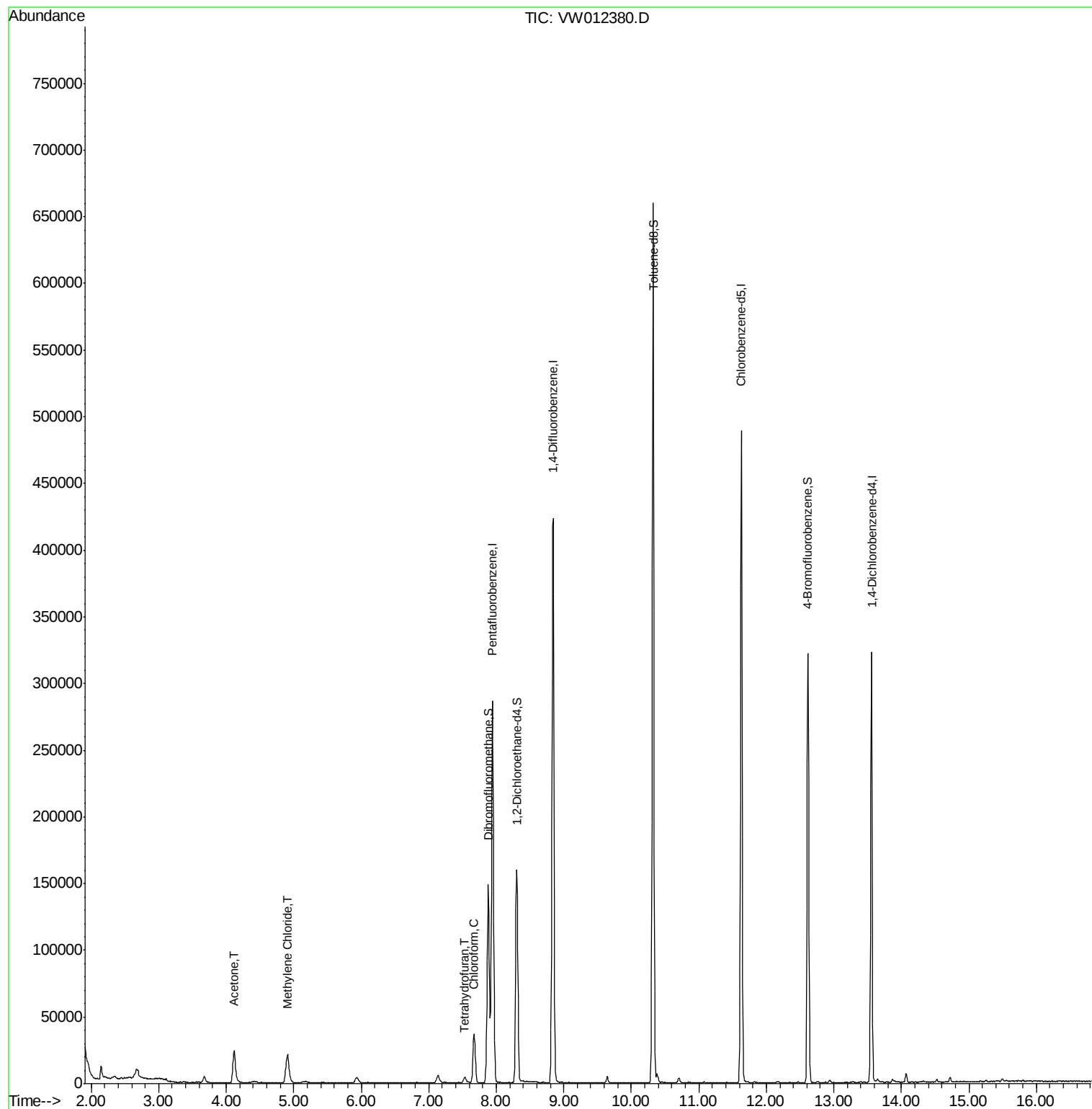
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	132022	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	7.88	113	106102	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	10.32	98	405767	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.62	95	104975	36.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.12%	
Target Compounds						
16) Acetone	4.12	43	44356	71.156	ug/l	99
20) Methylene Chloride	4.91	84	14721	6.247	ug/l	93
29) Tetrahydrofuran	7.53	42	3667	7.216	ug/l	96
30) Chloroform	7.67	83	33340	8.208	ug/l	96

(#) = 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: VW012380.D

Acq: 31 Aug 2019 05:30

Instrument :

MSVOA_W

ClientSampleId :

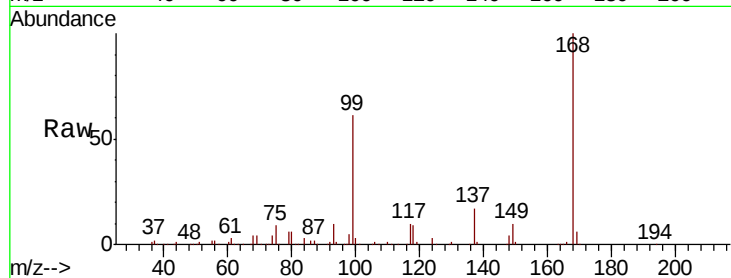
T2-S-A1-(0)

Tot Ion:168 Resp: 205140

Ion Ratio Lower Upper

168 100

99 60.6 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

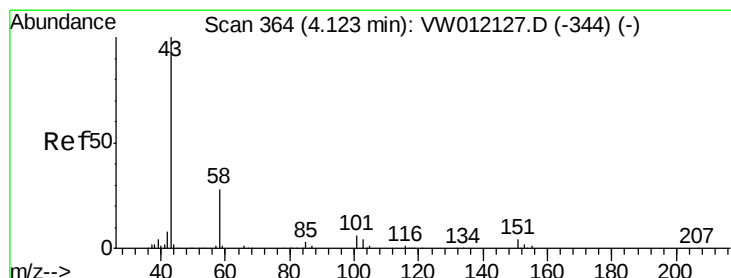
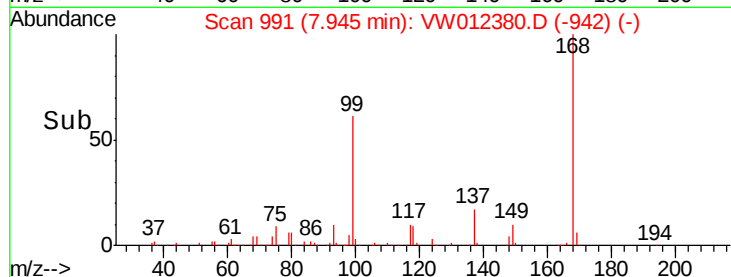
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 71.156 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012380.D

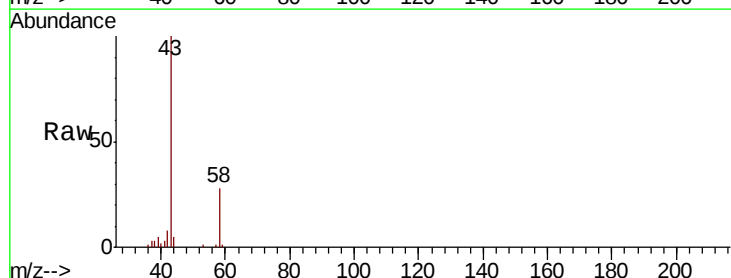
Acq: 31 Aug 2019 05:30

Tgt Ion: 43 Resp: 44356

Ion Ratio Lower Upper

43 100

58 28.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

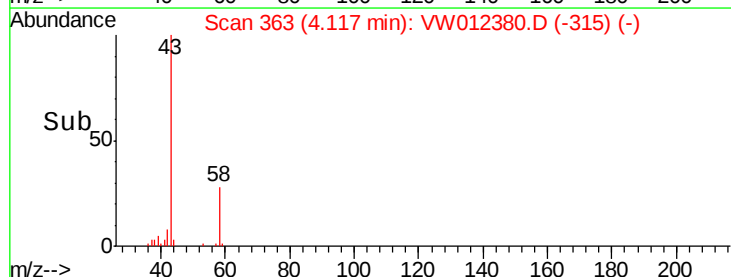
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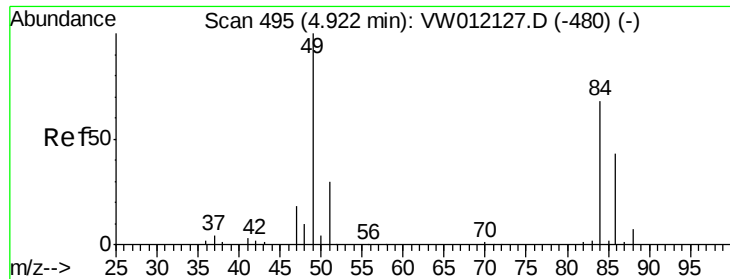
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5000

0

Time-->

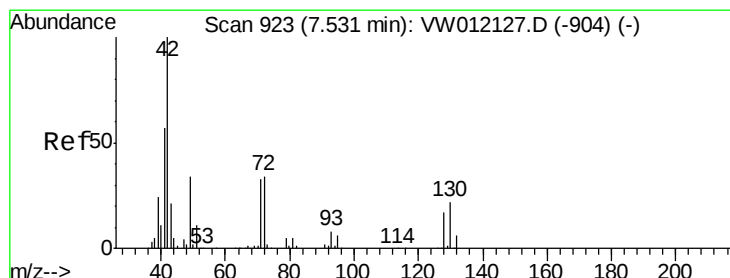
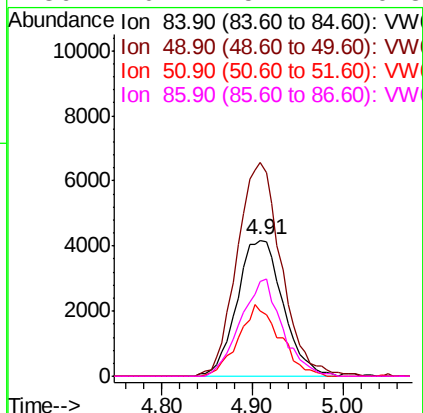
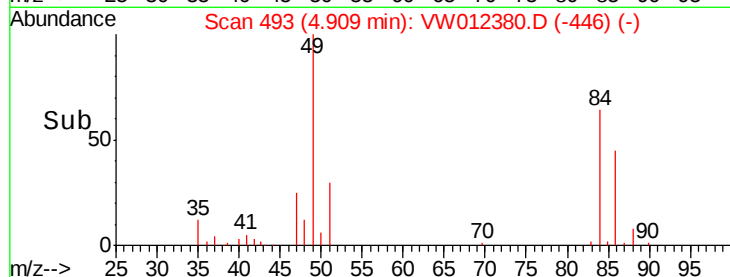
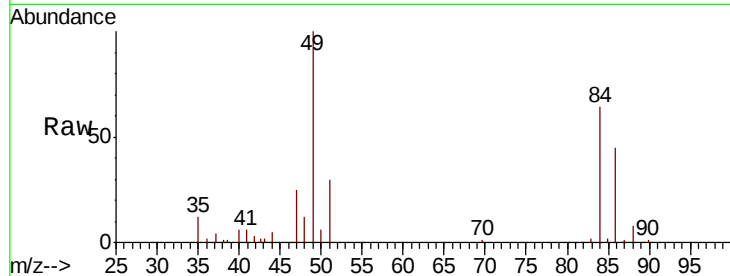




#20
Methvlene Chloride
Concen: 6.247 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012380.D
Acq: 31 Aug 2019 05:30

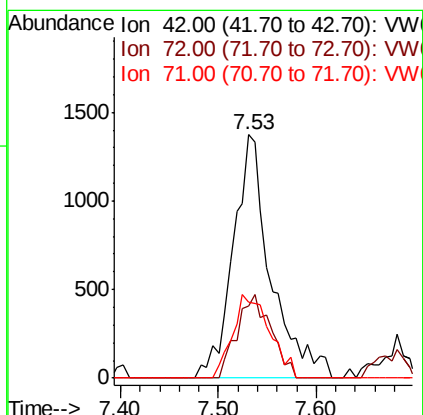
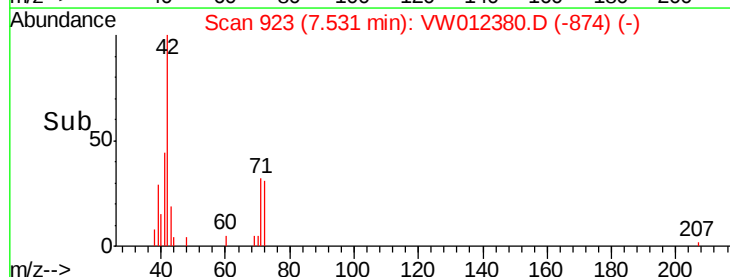
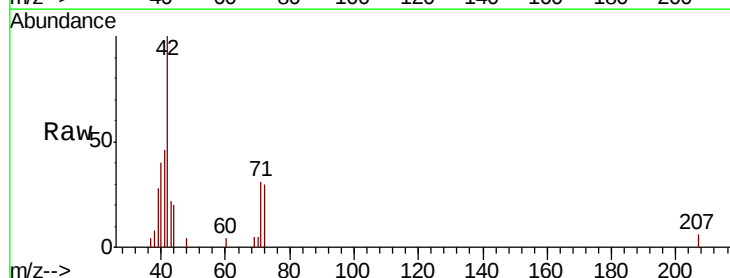
Instrument :
MSVOA_W
ClientSampleId :
T2-S-A1-(0)

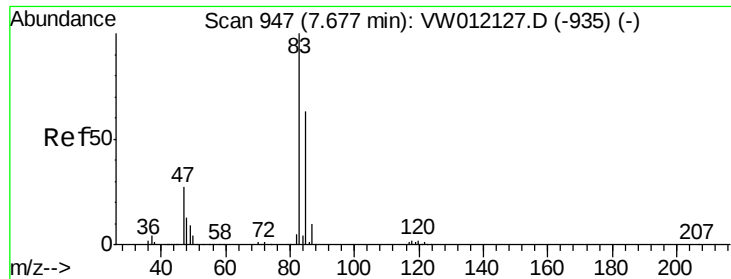
Tot Ion: 84	Resp: 14721
Ion Ratio	Lower Upper
84 100	
49 157.2	117.8 176.8
51 47.9	35.6 53.4
86 70.1	51.2 76.8



#29
Tetrahydrofuran
Concen: 7.216 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012380.D
Acq: 31 Aug 2019 05:30

Tgt Ion: 42	Resp: 3667
Ion Ratio	Lower Upper
42 100	
72 31.1	27.3 40.9
71 33.6	25.5 38.3

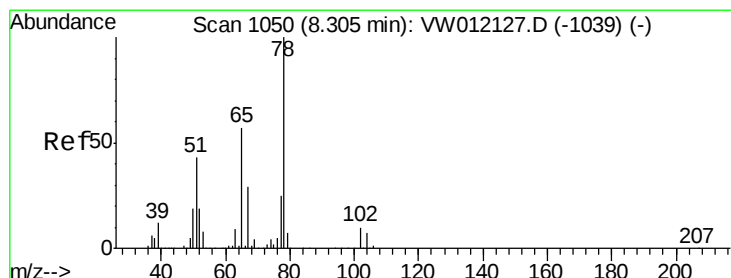
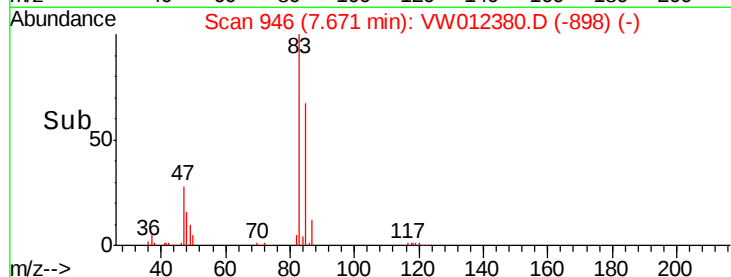
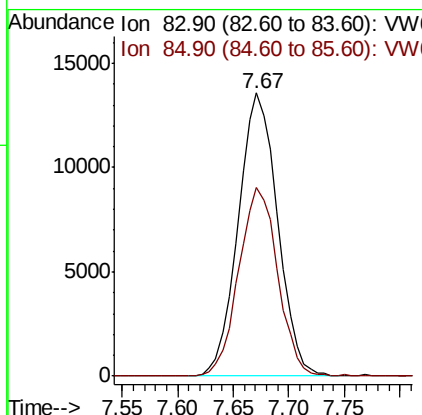
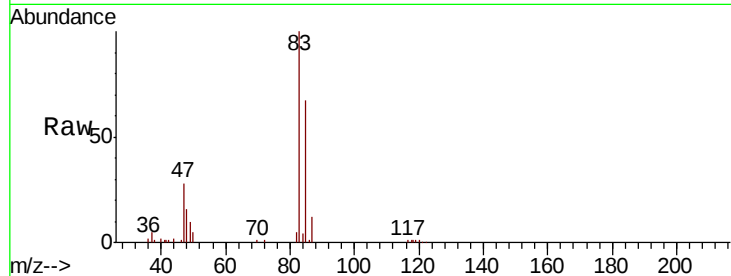




#30
 Chloroform
 Concen: 8.208 ug/l
 RT: 7.67 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: VW012380.D
 Acq: 31 Aug 2019 05:30

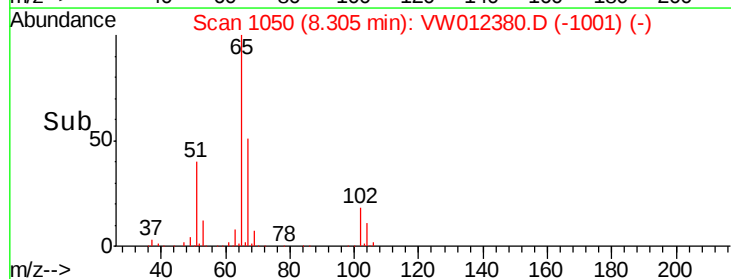
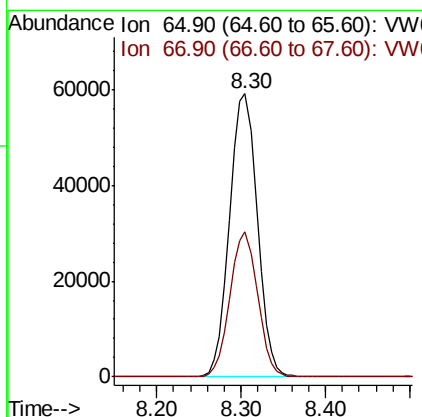
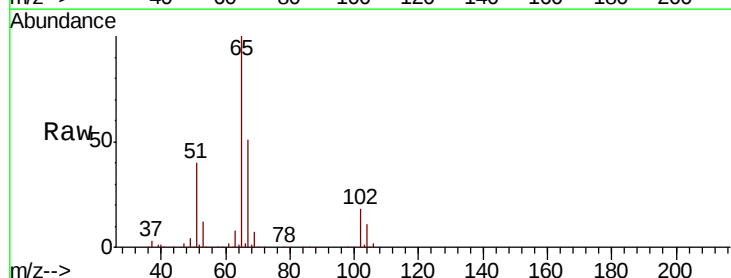
Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A1-(0)

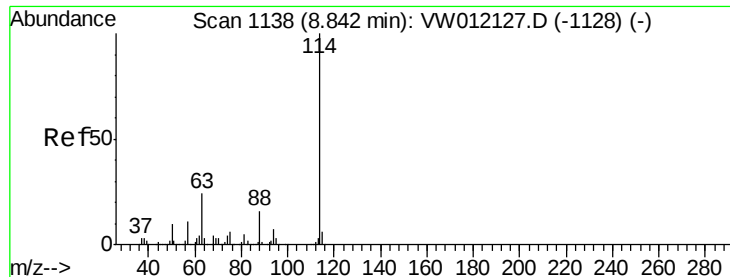
Tot Ion: 83 Resp: 33340
 Ion Ratio Lower Upper
 83 100
 85 66.4 50.6 76.0



#33
 1,2-Dichloroethane-d4
 Concen: 54.138 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012380.D
 Acq: 31 Aug 2019 05:30

Tgt Ion: 65 Resp: 132022
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6

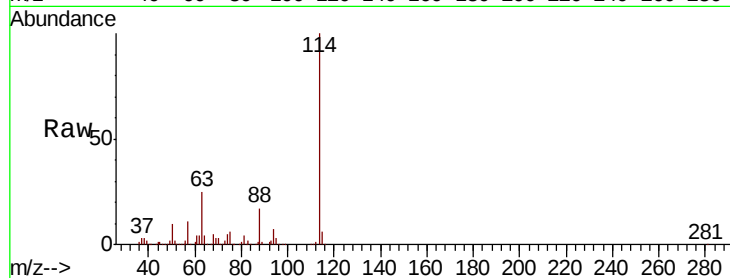




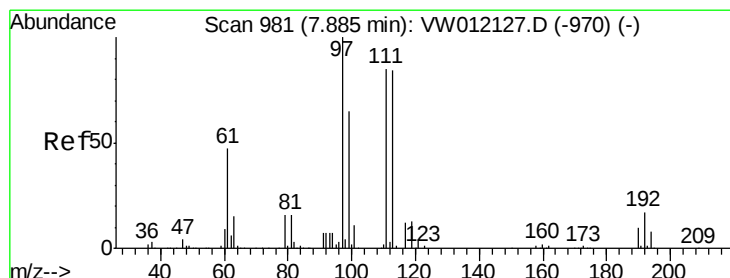
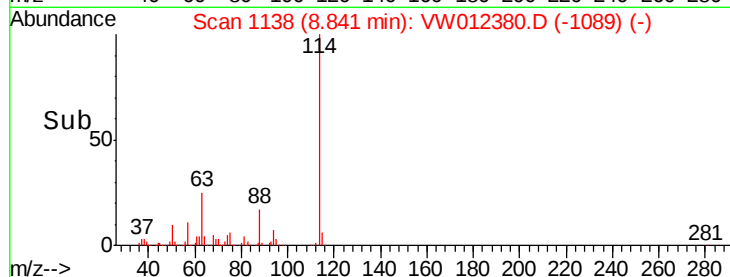
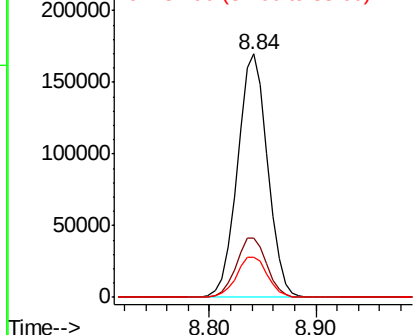
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012380.D
 Acq: 31 Aug 2019 05:30

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A1-(0)

Tot Ion:114 Resp: 336571
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.5 0.0 32.2

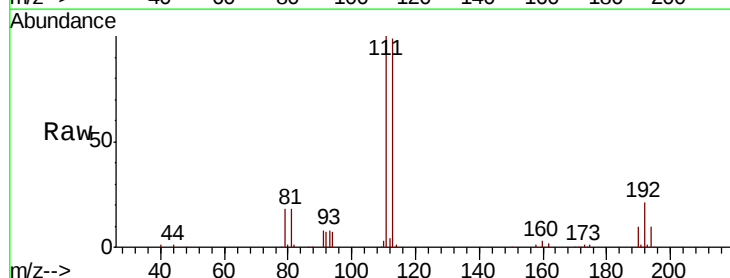


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

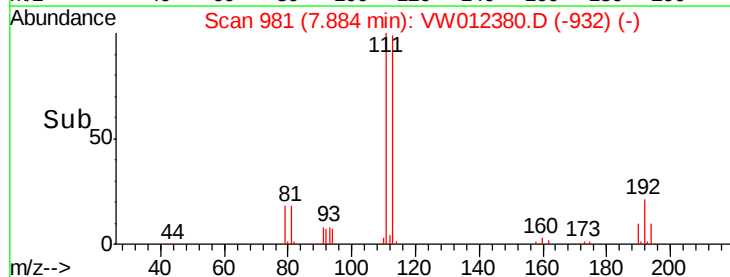
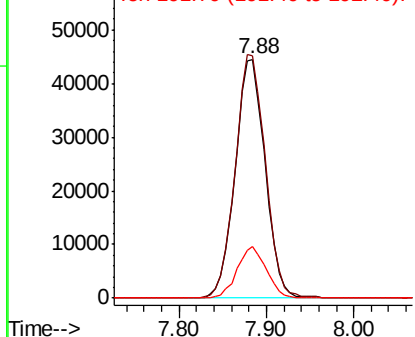


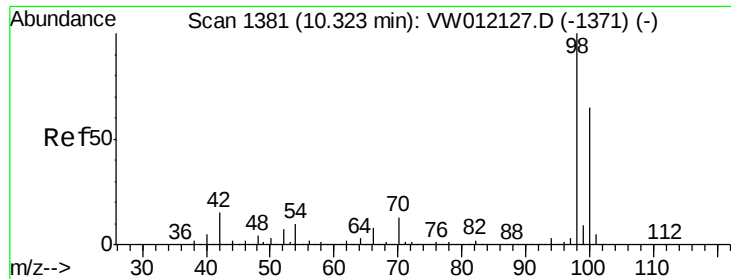
#35
 Dibromofluoromethane
 Concen: 52.813 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012380.D
 Acq: 31 Aug 2019 05:30

Tgt Ion:113 Resp: 106102
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 20.8 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: 49.812 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012380.D

Acq: 31 Aug 2019 05:30

Instrument :

MSVOA_W

ClientSampleId :

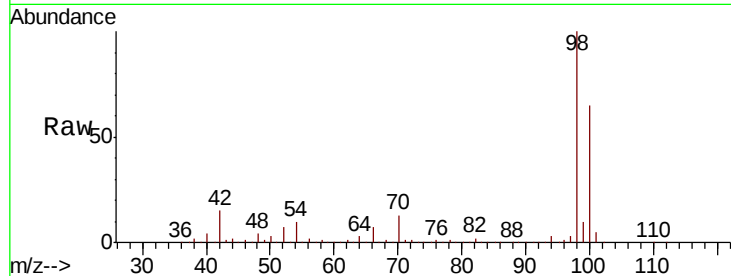
T2-S-A1-(0)

Tot Ion: 98 Resp: 405767

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

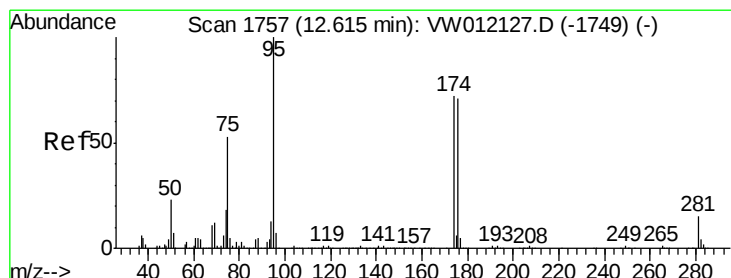
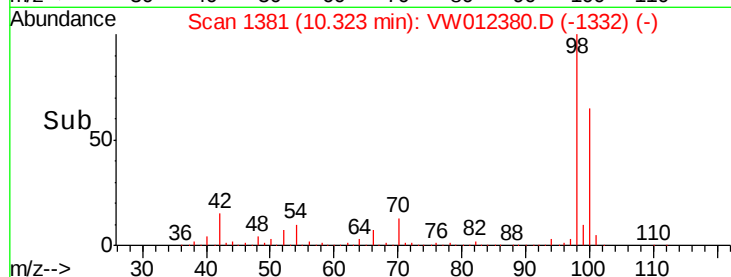
100000

50000

0

10.20 10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 36.558 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012380.D

Acq: 31 Aug 2019 05:30

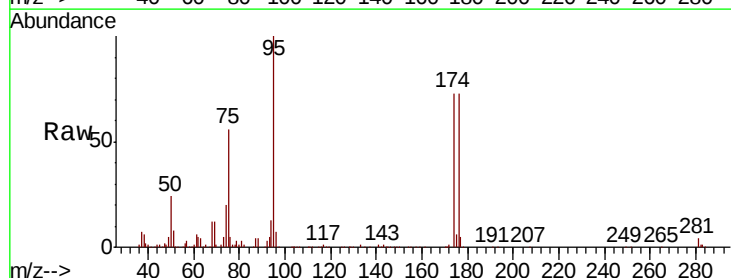
Tgt Ion: 95 Resp: 104975

Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.8

176 75.7 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

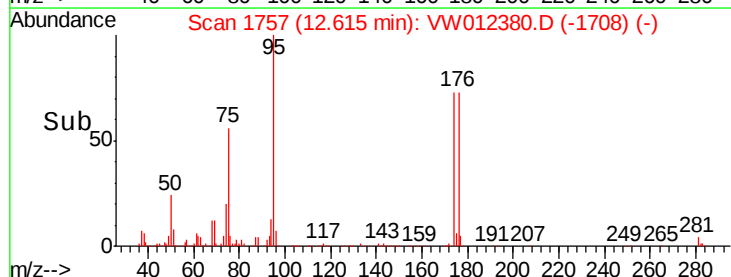
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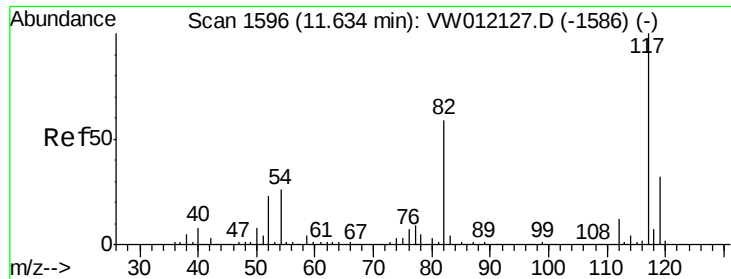
20000

0

12.60 12.70

Time-->

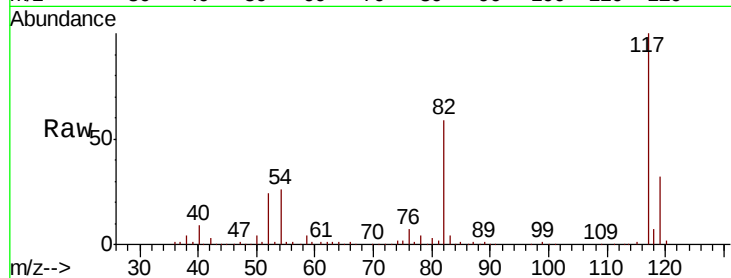




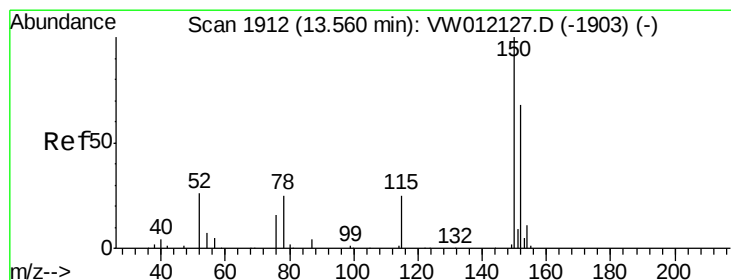
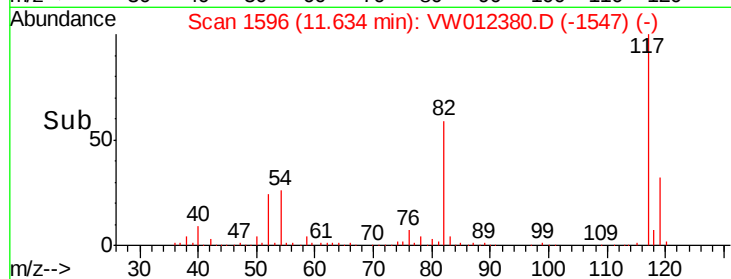
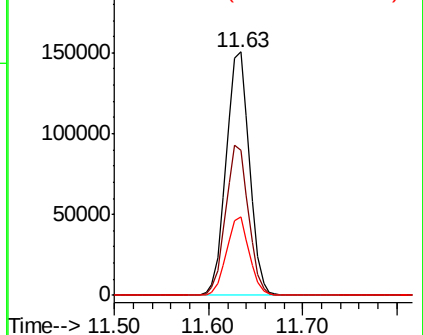
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012380.D
Acq: 31 Aug 2019 05:30

Instrument :
MSVOA_W
ClientSampleId :
T2-S-A1-(0)

Tot Ion:117 Resp: 257906
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.1 25.4 38.2

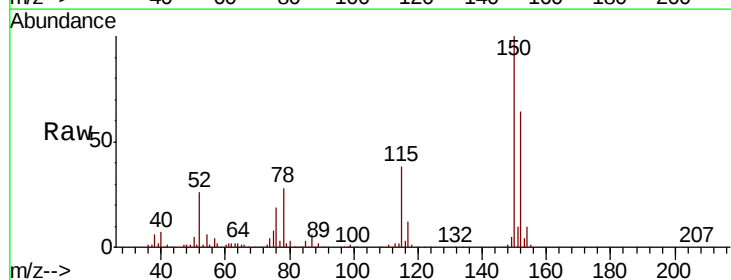


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012380.D
Acq: 31 Aug 2019 05:30

Tgt Ion:152 Resp: 78014
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 157.4 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

