

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012405.D
 Acq On : 31 Aug 2019 17:18
 Operator : SY/VA
 Sample : K4517-04
 Misc : 5.63G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A2-(2.5)

Quant Time: Aug 31 17:50:36 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

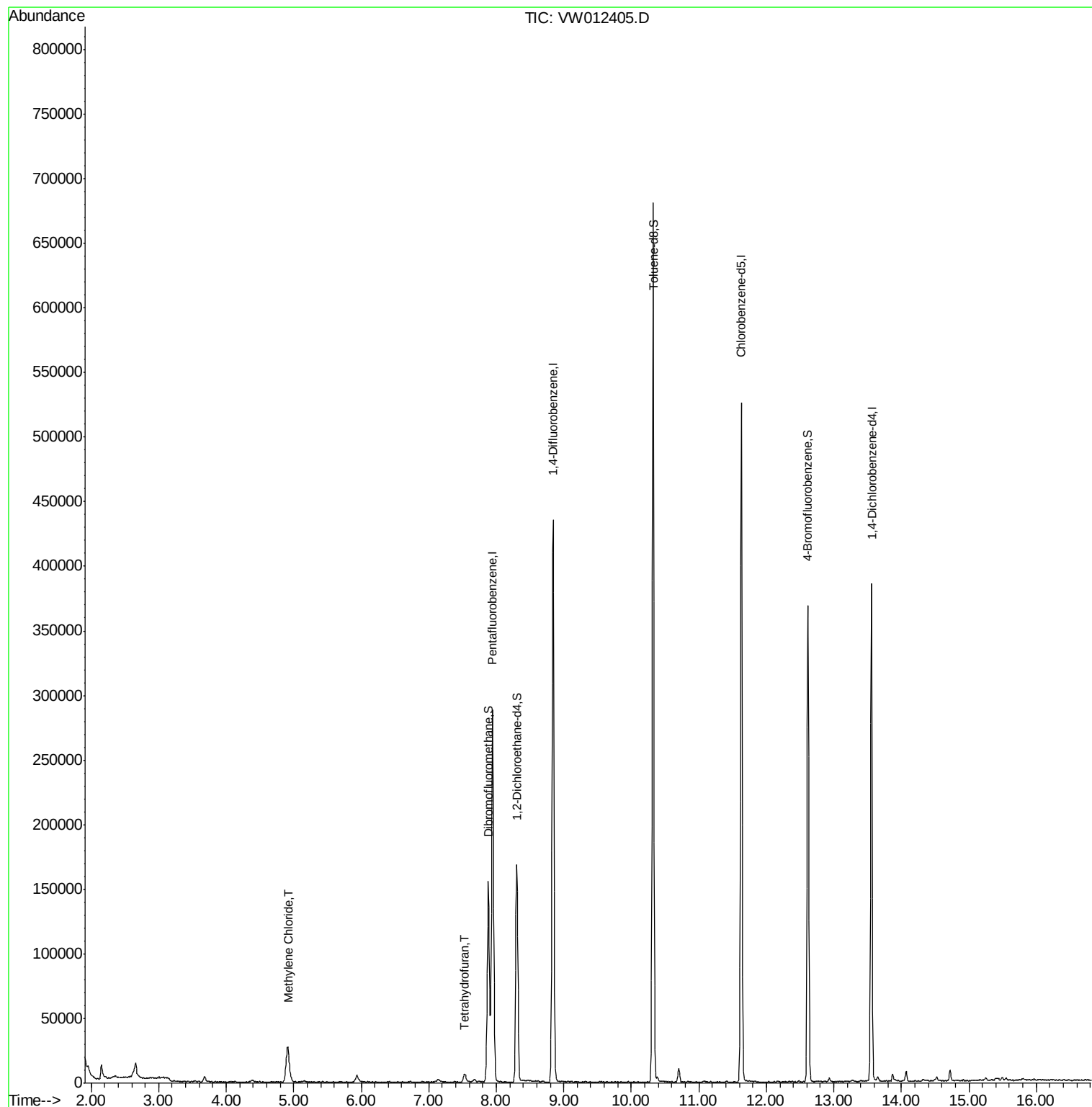
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137072	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
35) Dibromofluoromethane	7.88	113	106200	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
50) Toluene-d8	10.32	98	416480	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	117788	40.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.90%	
Target Compounds						
20) Methylene Chloride	4.91	84	19838	8.426	ug/l	95
29) Tetrahydrofuran	7.53	42	5603	11.035	ug/l #	69

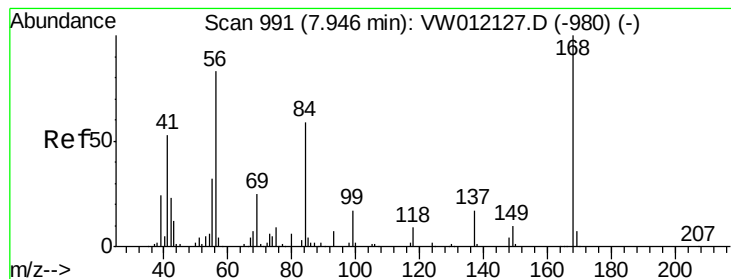
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW083119\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012405.D

Acq: 31 Aug 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

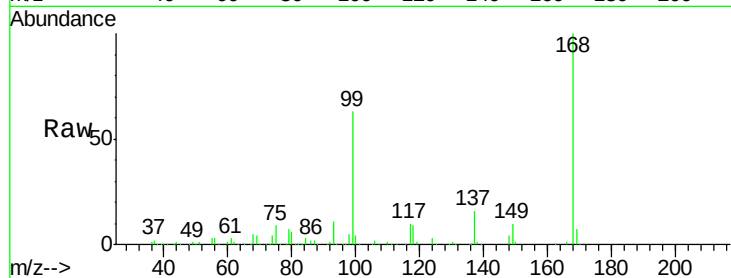
T2-S-A2-(2.5)

Tot Ion:168 Resp: 204957

Ion Ratio Lower Upper

168 100

99 62.7 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

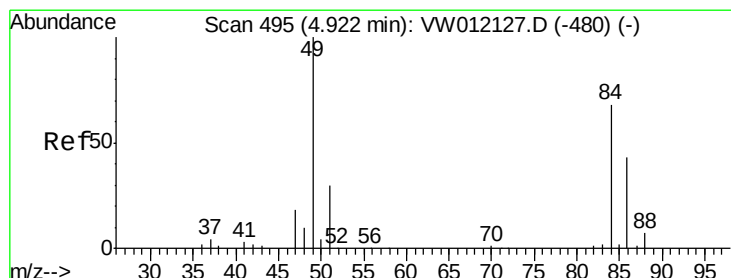
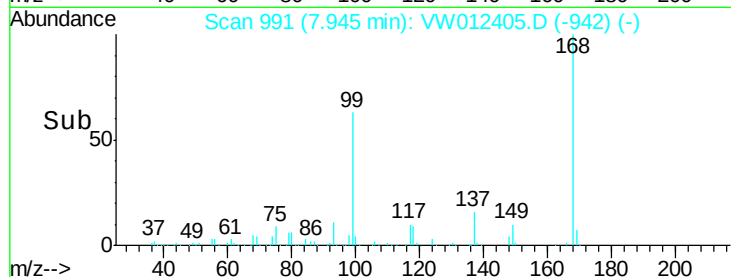
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 8.426 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012405.D

Acq: 31 Aug 2019 17:18

Tgt Ion: 84 Resp: 19838

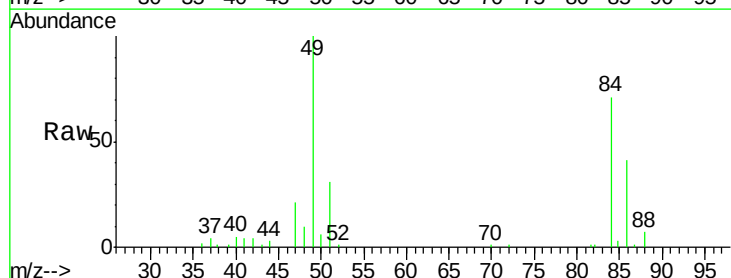
Ion Ratio Lower Upper

84 100

49 141.2 117.8 176.8

51 44.4 35.6 53.4

86 58.6 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

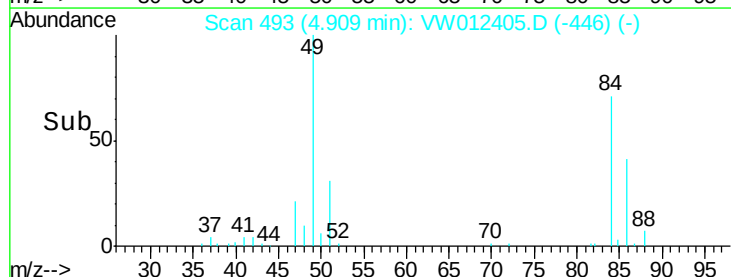
Ion 85.90 (85.60 to 86.60): VW

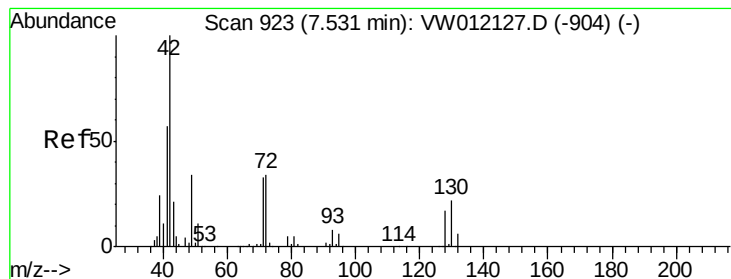
10000

5000

0

Time--> 4.80 4.90 5.00





#29

Tetrahydrofuran

Concen: 11.035 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012405.D

Acq: 31 Aug 2019 17:18

Instrument :

MSVOA_W

ClientSampled :

T2-S-A2-(2.5)

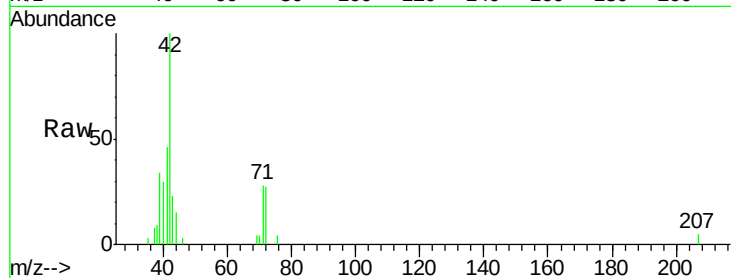
Tot Ion: 42 Resp: 5603

Ion Ratio Lower Upper

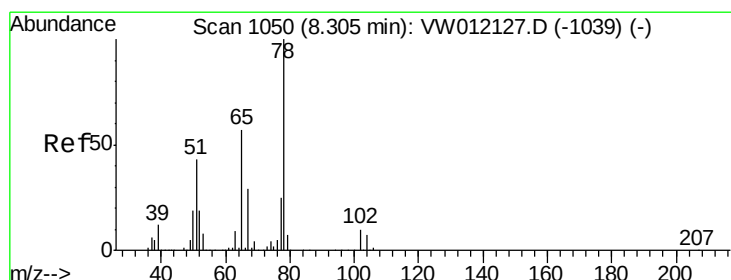
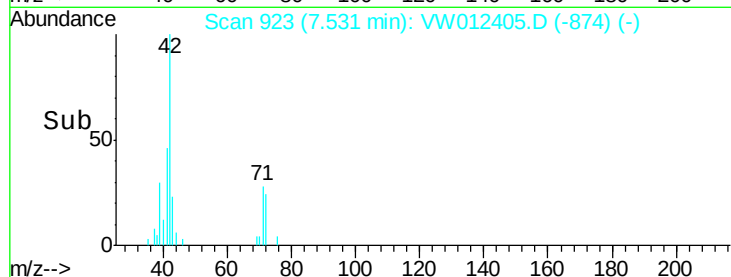
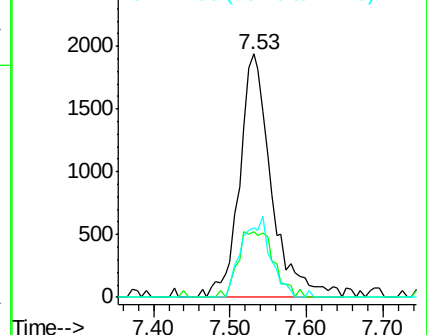
42 100

72 30.4 27.3 40.9

71 0.0 25.5 38.3#



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: 56.259 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012405.D

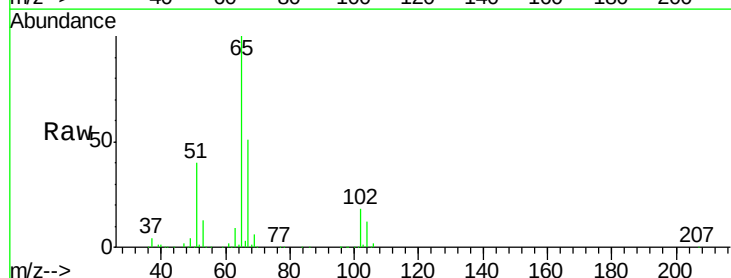
Acq: 31 Aug 2019 17:18

Tgt Ion: 65 Resp: 137072

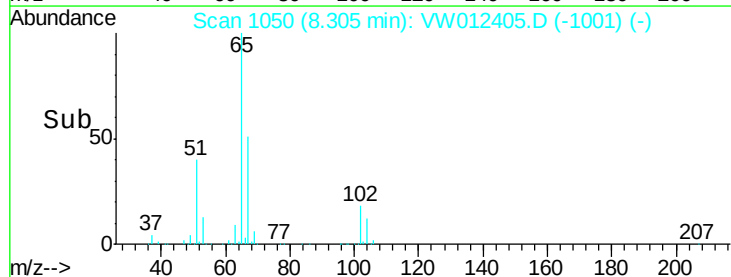
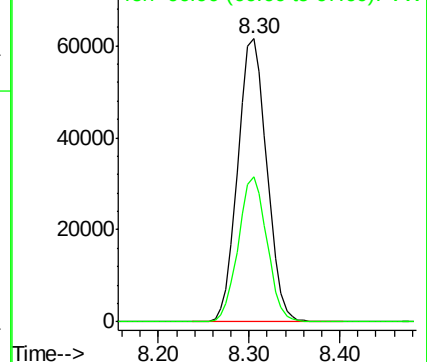
Ion Ratio Lower Upper

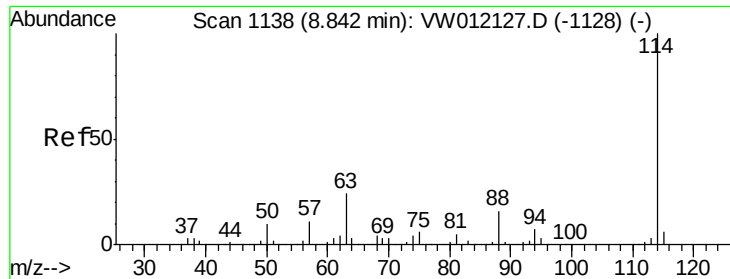
65 100

67 50.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

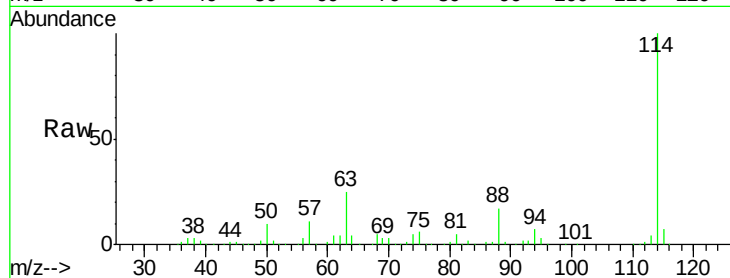




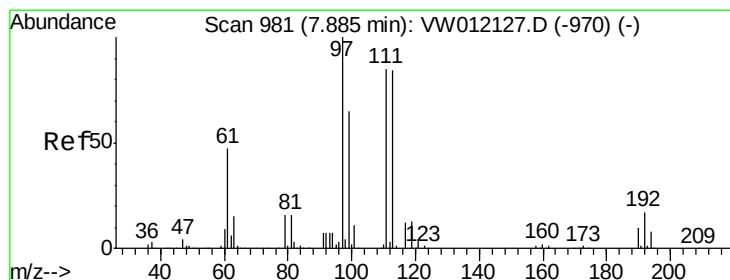
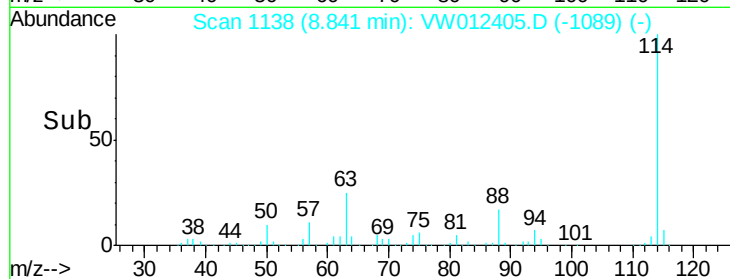
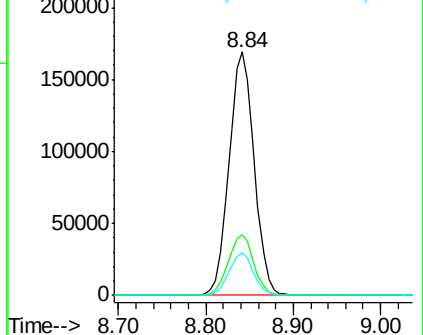
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012405.D
 Acq: 31 Aug 2019 17:18

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S-A2-(2.5)

Tot Ion:114 Resp: 337137
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 17.3 0.0 32.2

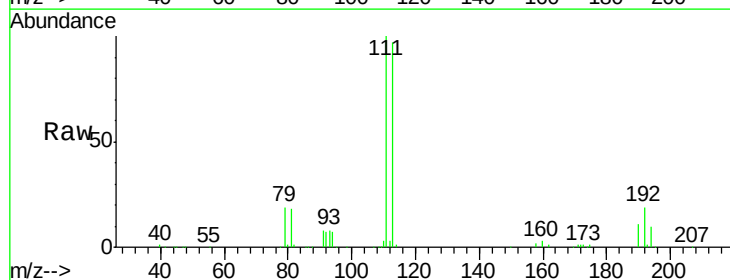


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

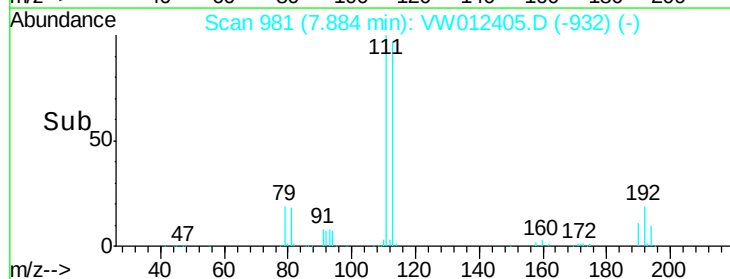
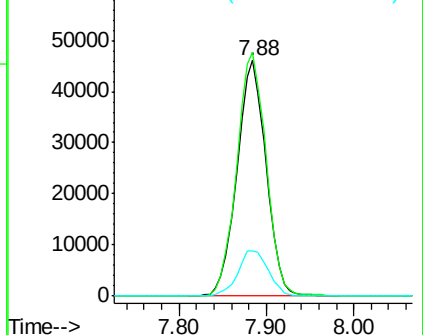


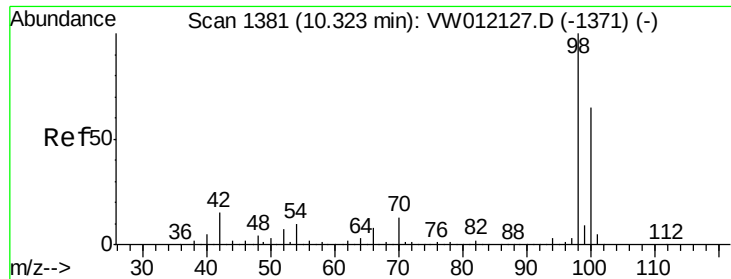
#35
 Dibromofluoromethane
 Concen: 52.773 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012405.D
 Acq: 31 Aug 2019 17:18

Tgt Ion:113 Resp: 106200
 Ion Ratio Lower Upper
 113 100
 111 105.1 82.7 124.1
 192 20.2 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: 51.042 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012405.D

Acq: 31 Aug 2019 17:18

Instrument :

MSVOA_W

ClientSampleId :

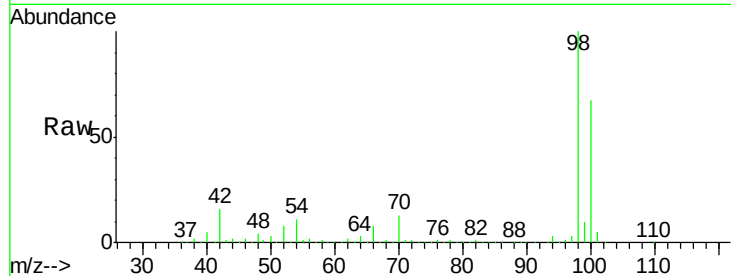
T2-S-A2-(2.5)

Tot Ion: 98 Resp: 416480

Ion Ratio Lower Upper

98 100

100 65.2 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

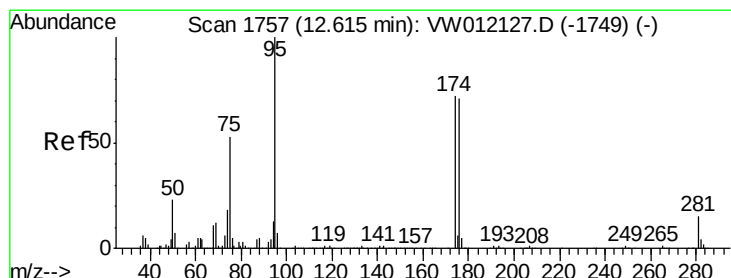
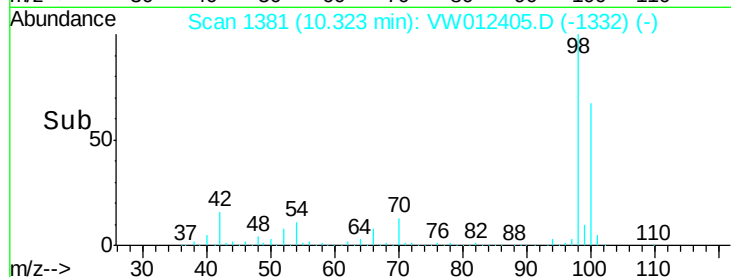
0

10.30

10.32

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 40.952 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012405.D

Acq: 31 Aug 2019 17:18

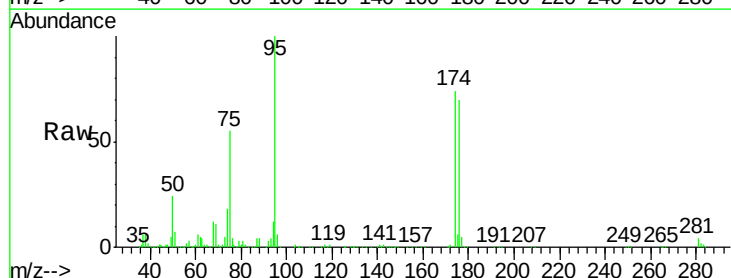
Tgt Ion: 95 Resp: 117788

Ion Ratio Lower Upper

95 100

174 78.4 0.0 150.8

176 74.4 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

100000

80000

60000

40000

20000

0

12.55

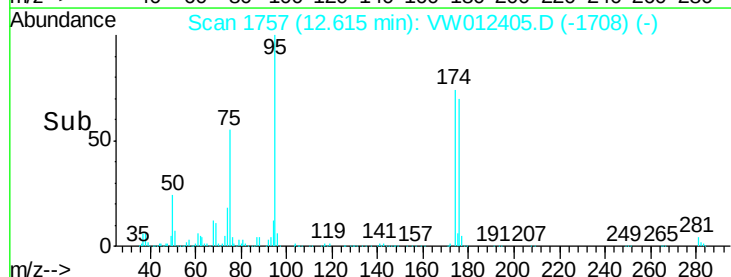
12.60

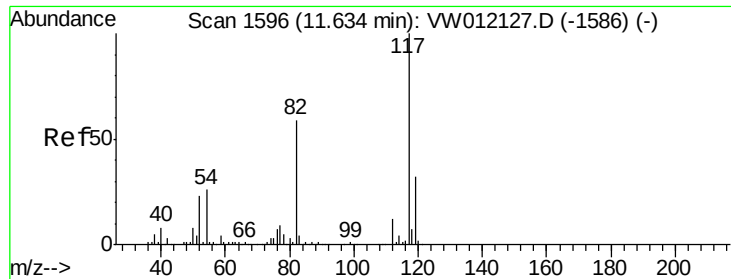
12.62

12.65

12.70

Time-->

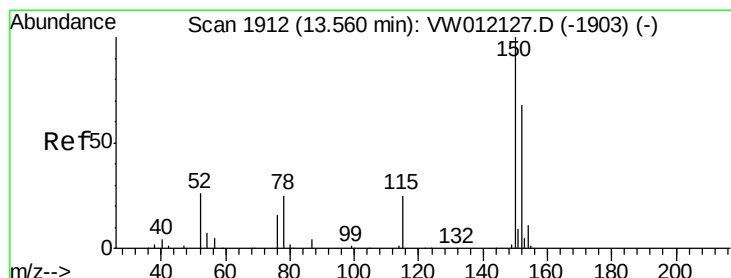
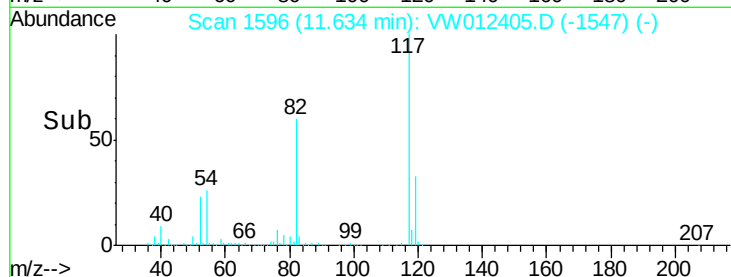
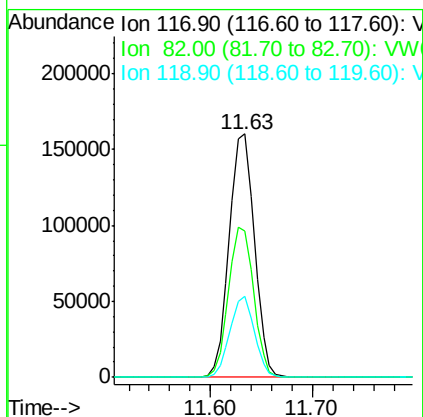
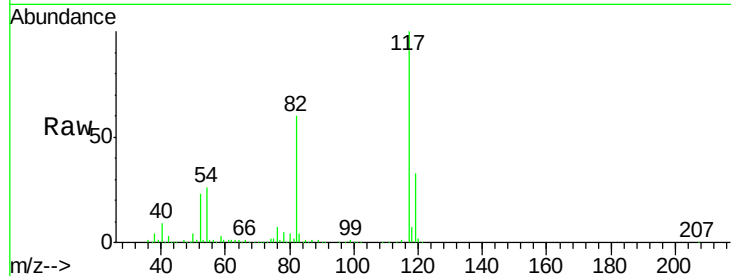




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012405.D
Acq: 31 Aug 2019 17:18

Instrument :
MSVOA_W
ClientSampleId :
T2-S-A2-(2.5)

Tot Ion:117 Resp: 274719
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012405.D
Acq: 31 Aug 2019 17:18

Tgt Ion:152 Resp: 95818
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 158.4 0.0 345.8

