

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011872.D
 Acq On : 13 Aug 2019 01:37
 Operator : SY/VA
 Sample : K4229-18
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A1-(1)

Quant Time: Aug 13 09:48:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

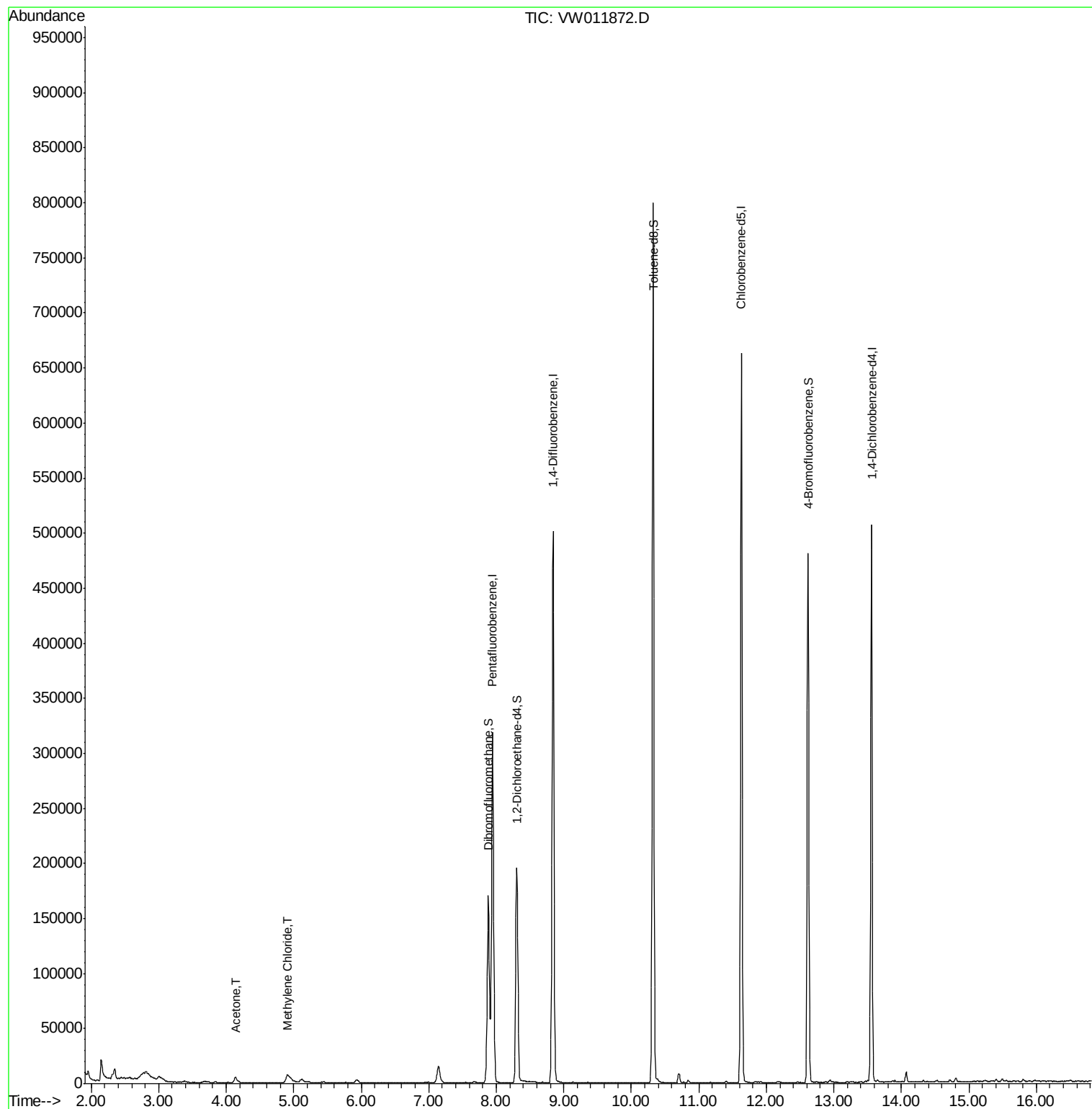
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158682	60.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.32%	
35) Dibromofluoromethane	7.88	113	121252	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.32	98	495226	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.62	95	157130	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
16) Acetone	4.14	43	10460	12.570	ug/l	90
20) Methylene Chloride	4.90	84	4148	1.445	ug/l	89

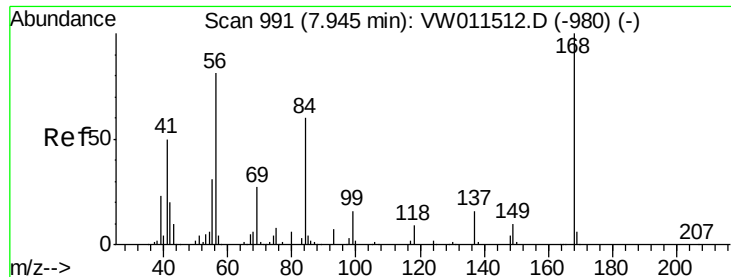
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 13 Aug 2019 01:37

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MSVOA_W

ClientSampleId :

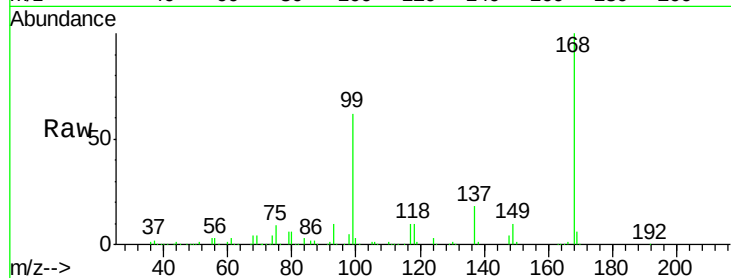
2S-A1-(1)

Tot Ion:168 Resp: 227822

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

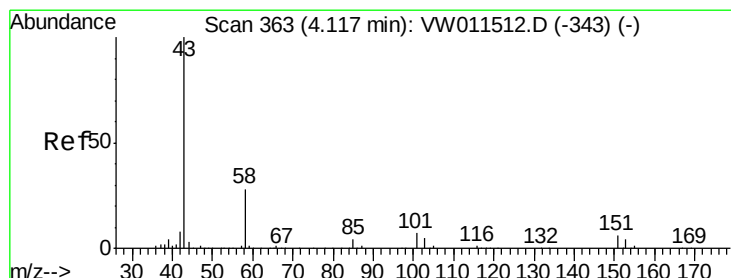
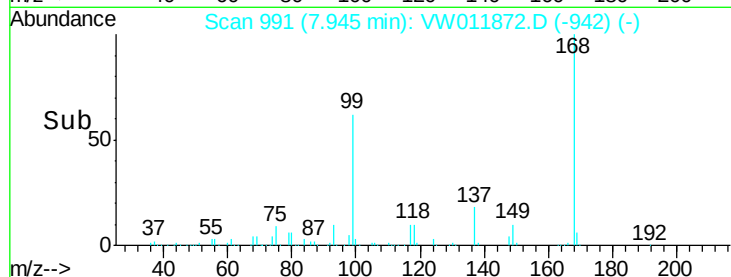
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 12.570 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011872.D

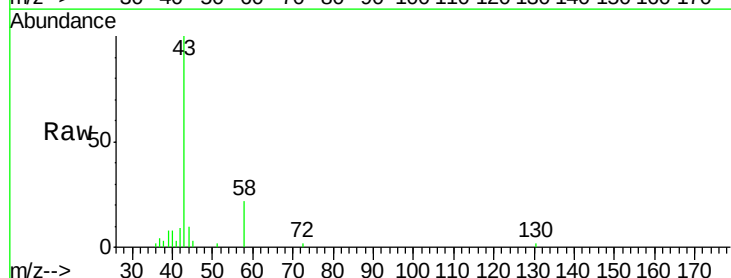
Acq: 13 Aug 2019 01:37

Tgt Ion: 43 Resp: 10460

Ion Ratio Lower Upper

43 100

58 22.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

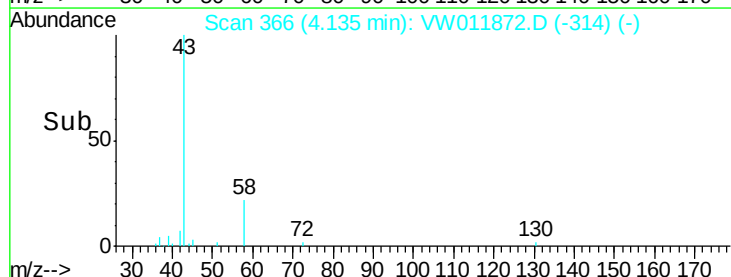
3000

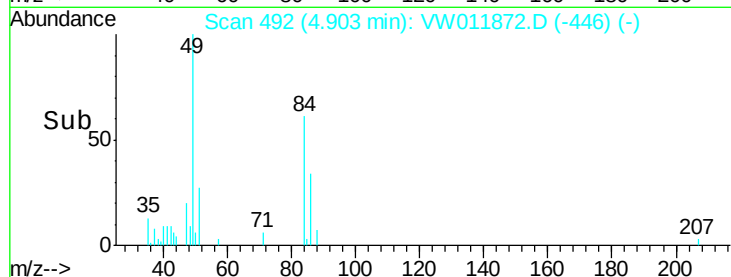
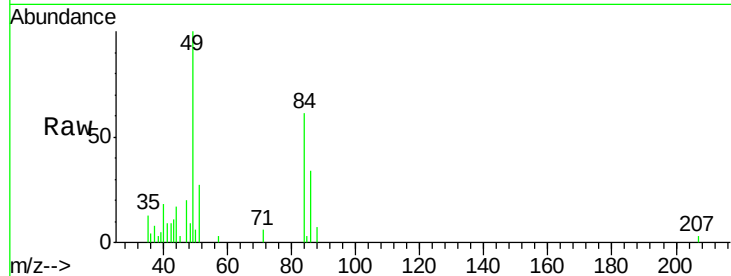
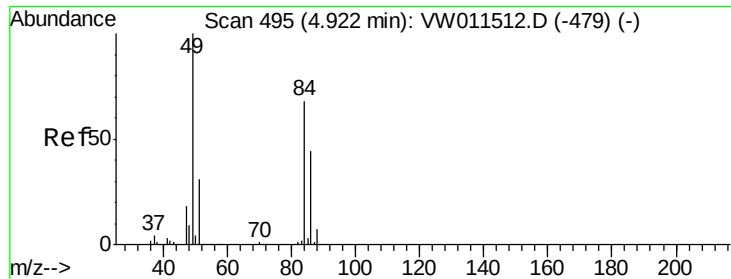
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

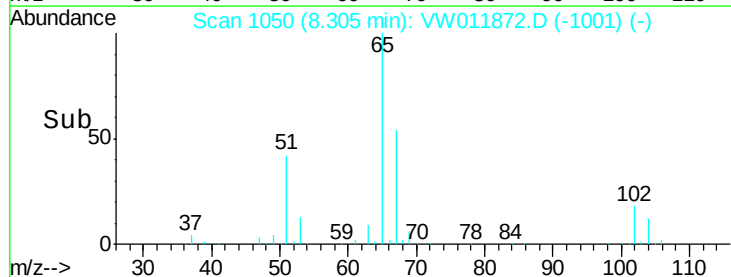
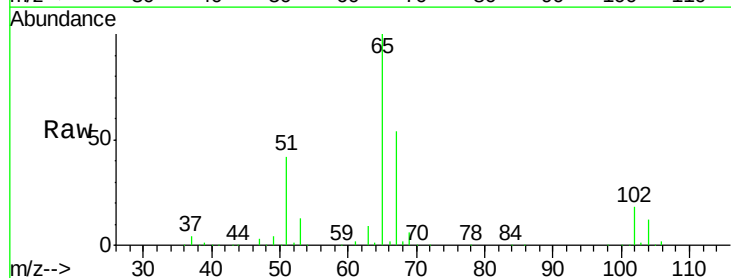
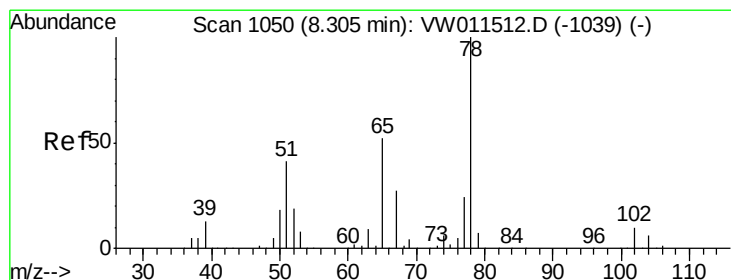
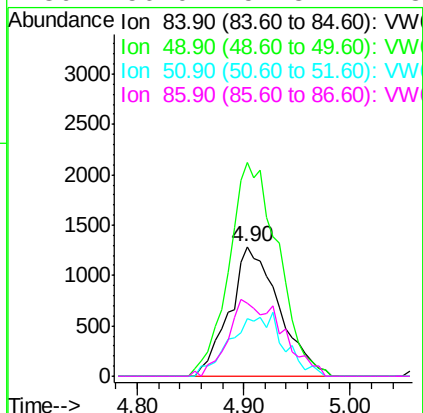




#20
Methylene Chloride
Concen: 1.445 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

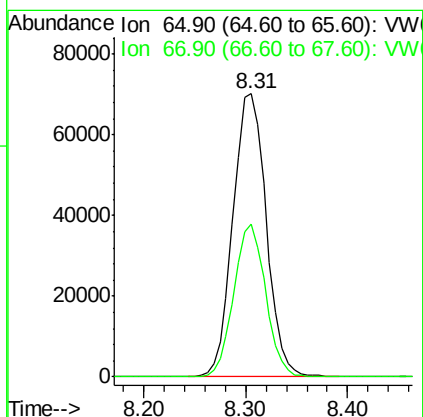
Instrument :
MSVOA_W
ClientSampleId :
2S-A1-(1)

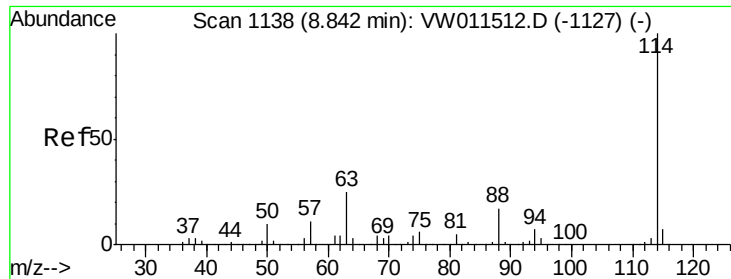
Tot Ion: 84 Resp: 4148
Ion Ratio Lower Upper
84 100
49 164.9 117.8 176.6
51 44.6 37.0 55.4
86 56.0 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 60.658 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

Tgt Ion: 65 Resp: 158682
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

2S-A1-(1)

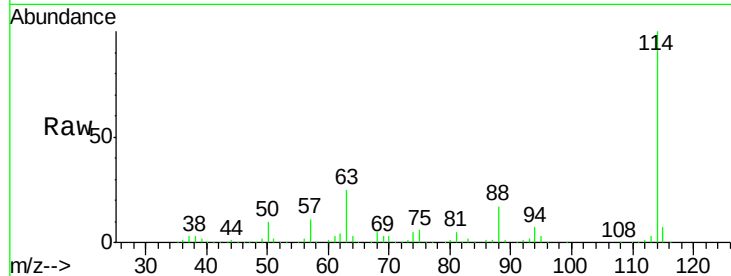
Tot Ion:114 Resp: 386533

Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

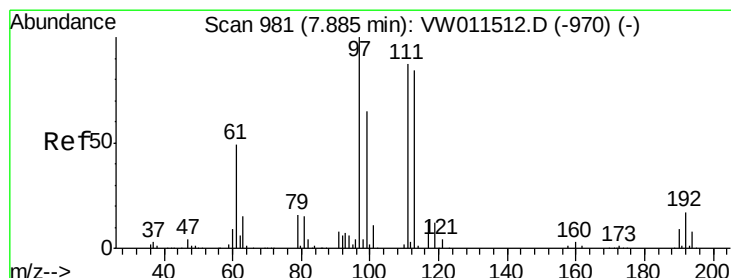
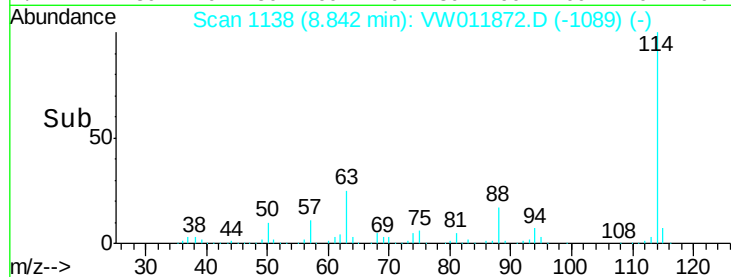
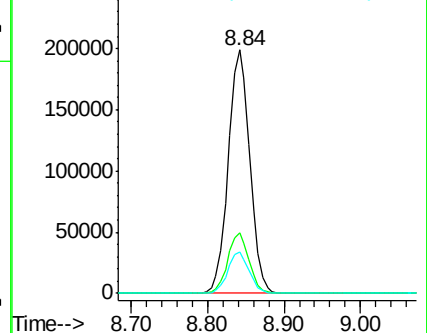
88 16.8 0.0 33.8



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: 55.915 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

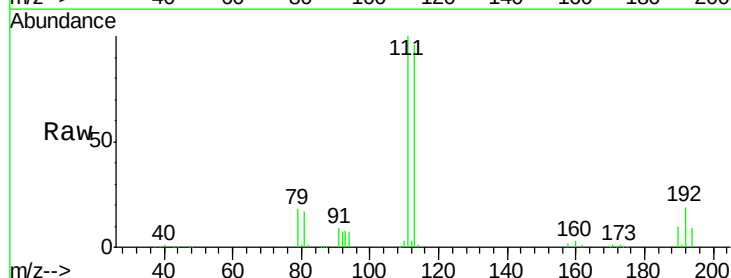
Tgt Ion:113 Resp: 121252

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

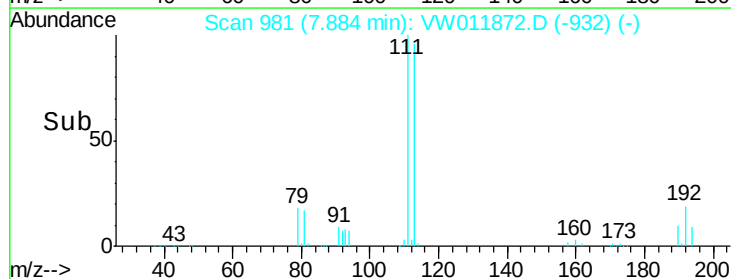
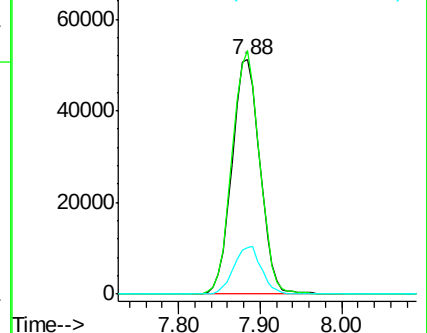
192 20.0 16.1 24.1

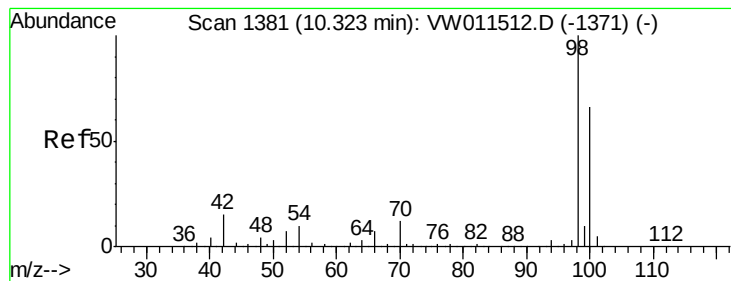


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.778 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

Instrument :

MSVOA_W

ClientSampleId :

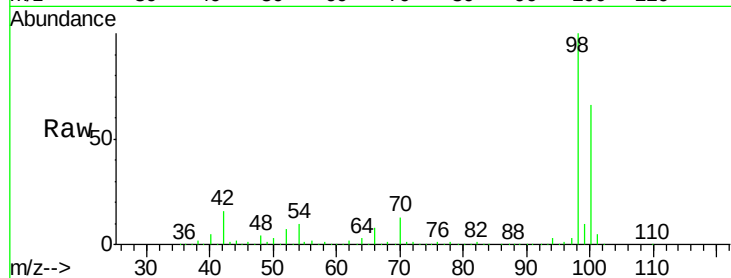
2S-A1-(1)

Tot Ion: 98 Resp: 495226

Ion Ratio Lower Upper

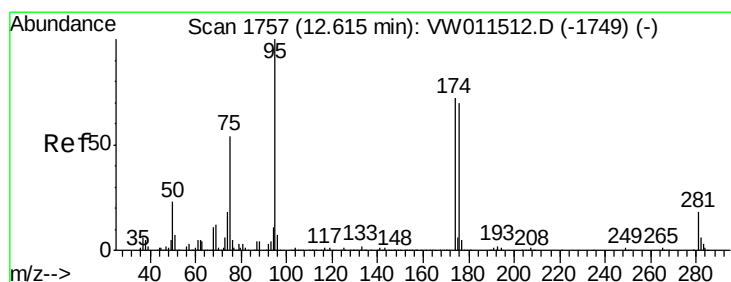
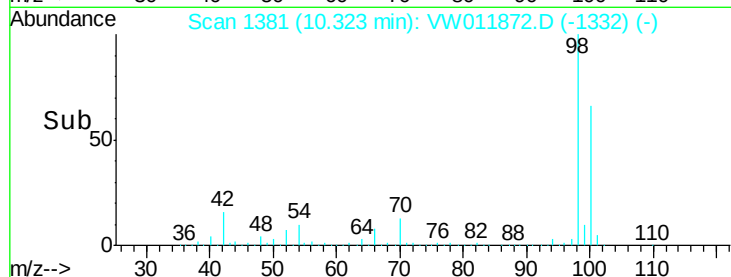
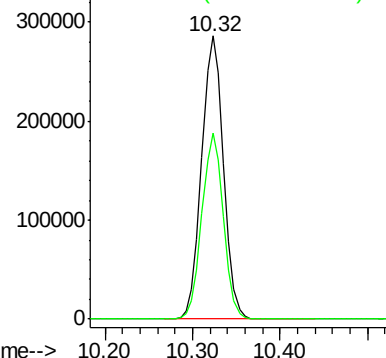
98 100

100 64.8 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 49.640 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011872.D

Acq: 13 Aug 2019 01:37

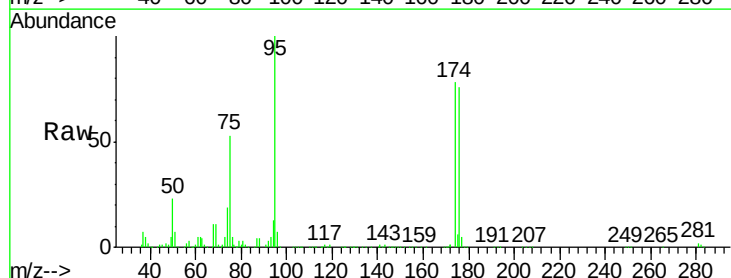
Tgt Ion: 95 Resp: 157130

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.2

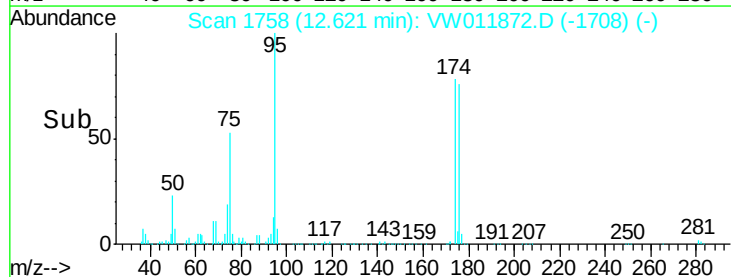
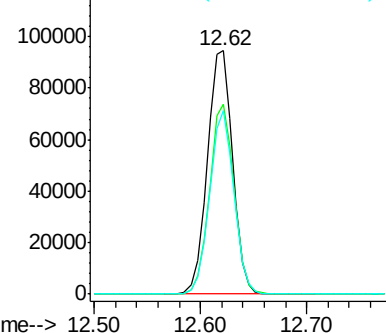
176 72.5 0.0 144.4

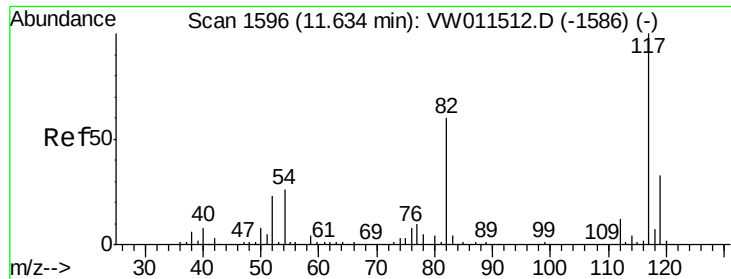


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

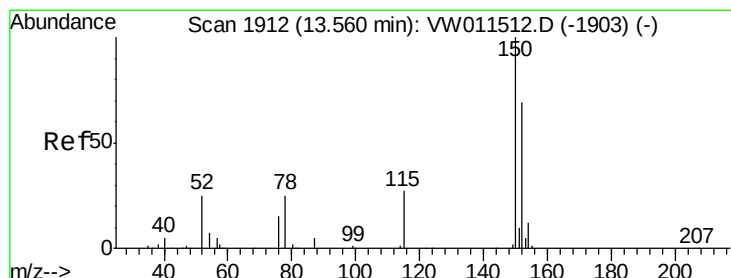
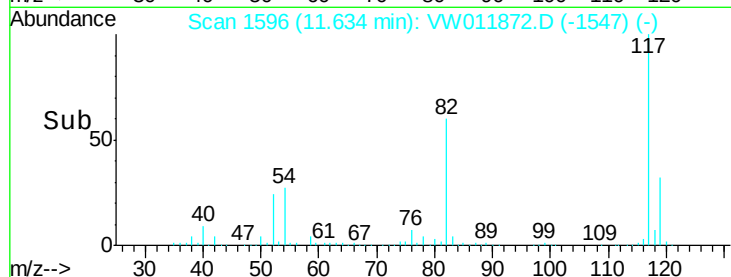
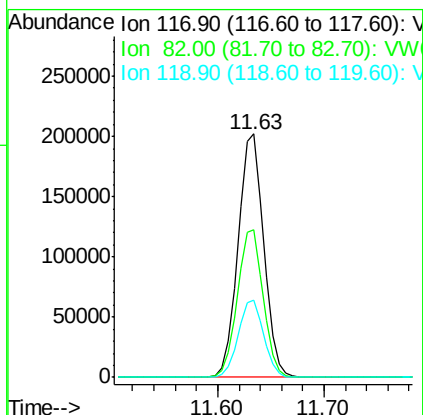
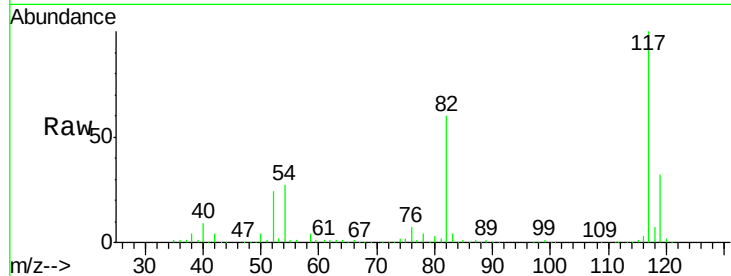




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

Instrument :
MSVOA_W
ClientSampleId :
2S-A1-(1)

Tot Ion:117 Resp: 342114
Ion Ratio Lower Upper
117 100
82 60.5 47.9 71.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011872.D
Acq: 13 Aug 2019 01:37

Tgt Ion:152 Resp: 124678
Ion Ratio Lower Upper
152 100
115 60.8 30.5 91.5
150 155.2 0.0 352.6

