

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012106.D
 Acq On : 22 Aug 2019 13:16
 Operator : SY/VA
 Sample : K4089-03
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-082119

Quant Time: Aug 23 08:33:10 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

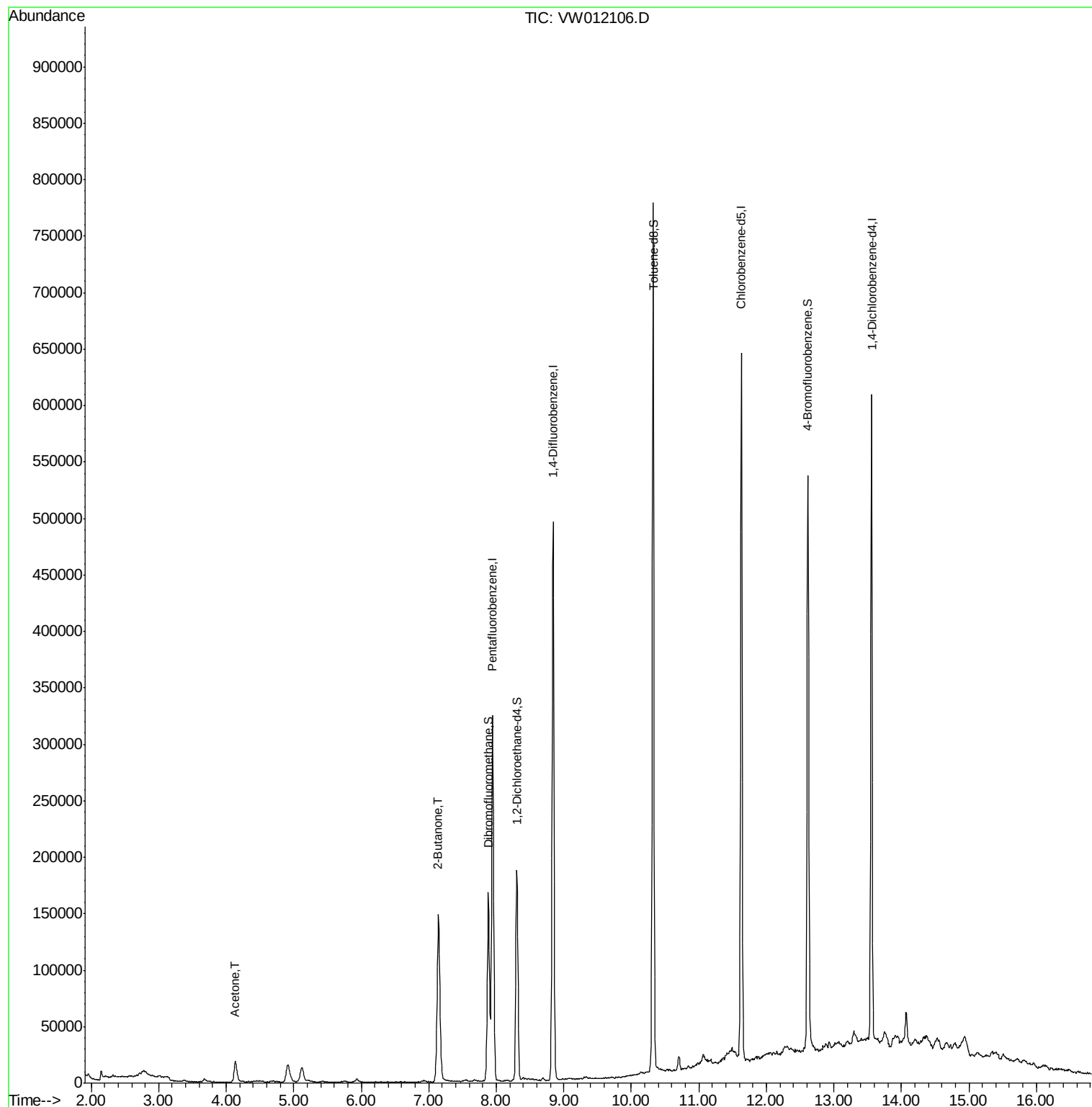
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145943	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	117458	54.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.48%	
50) Toluene-d8	10.32	98	479402	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.61	95	162901	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
16) Acetone	4.13	43	36106	42.595	ug/l	94
25) 2-Butanone	7.15	43	9597	8.652	ug/l #	82

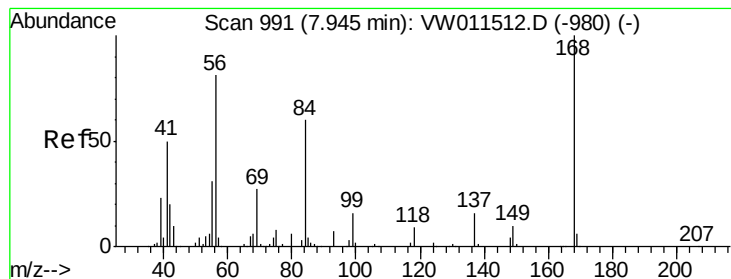
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VW012106.D

Acq: 22 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

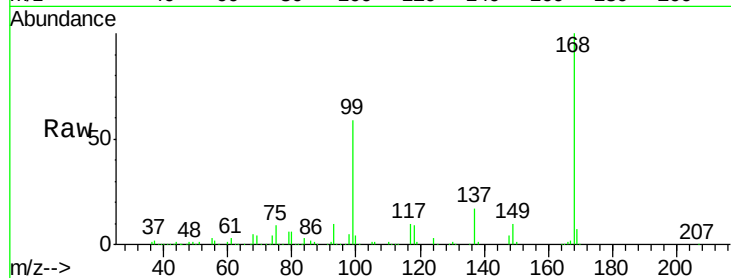
OK-01-082119

Tot Ion:168 Resp: 232068

Ion Ratio Lower Upper

168 100

99 58.9 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

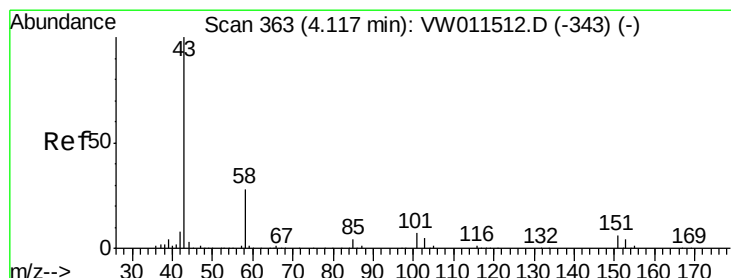
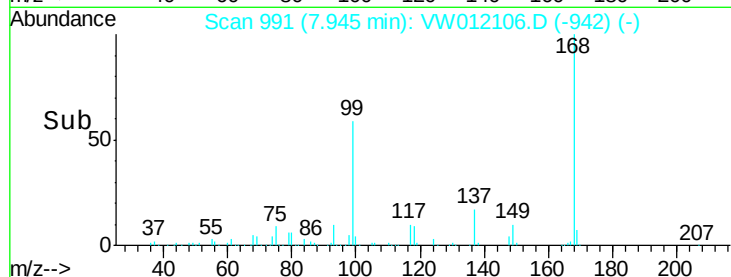
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 42.595 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012106.D

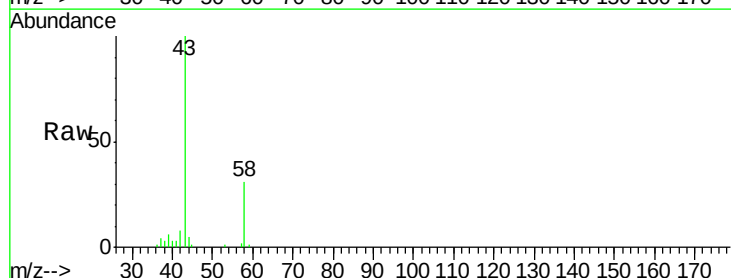
Acq: 22 Aug 2019 13:16

Tgt Ion: 43 Resp: 36106

Ion Ratio Lower Upper

43 100

58 30.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

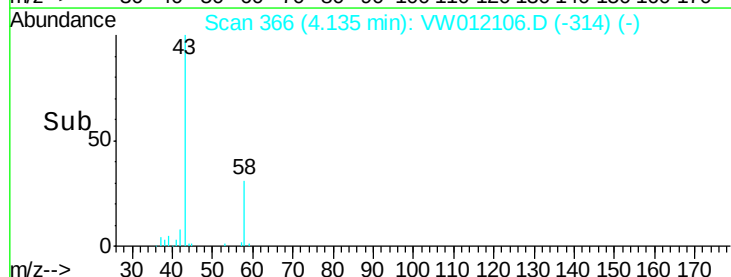
4.13

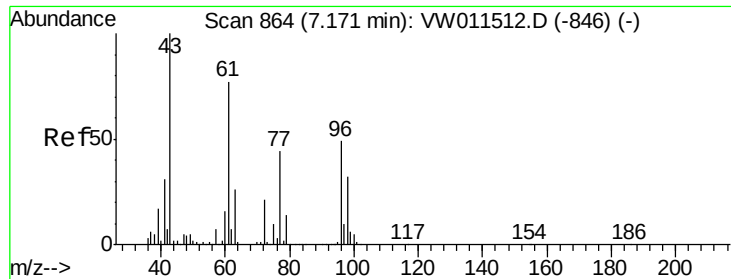
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

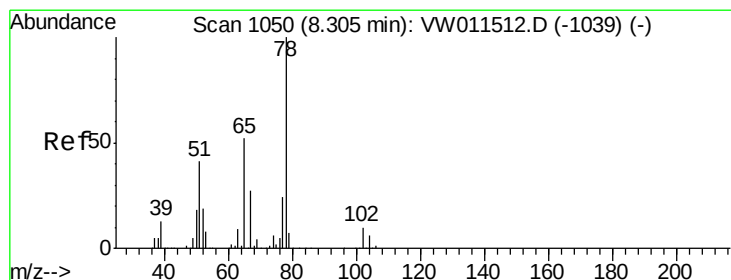
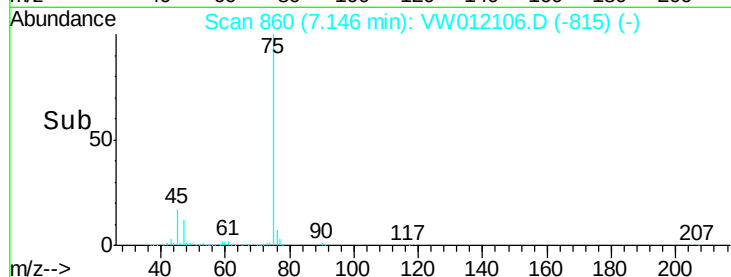
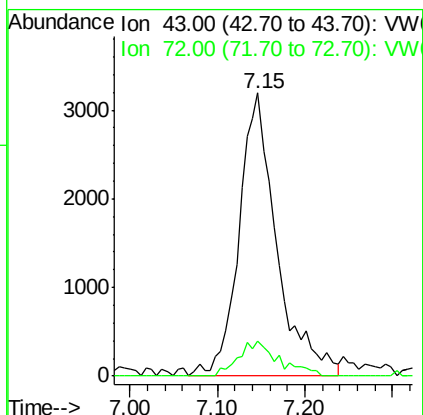
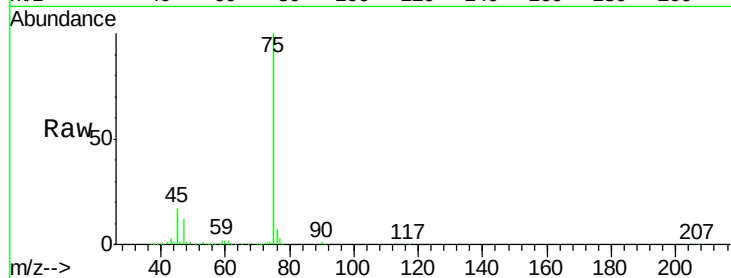




#25
 2-Butanone
 Concen: 8.652 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW012106.D
 Acq: 22 Aug 2019 13:16

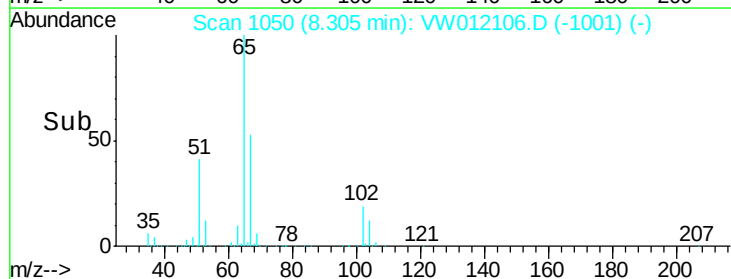
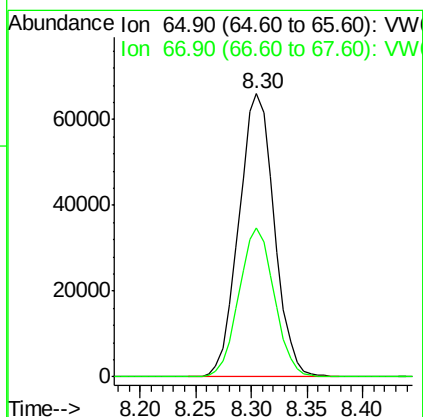
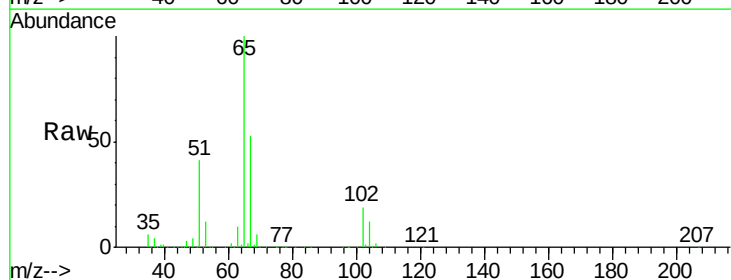
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-082119

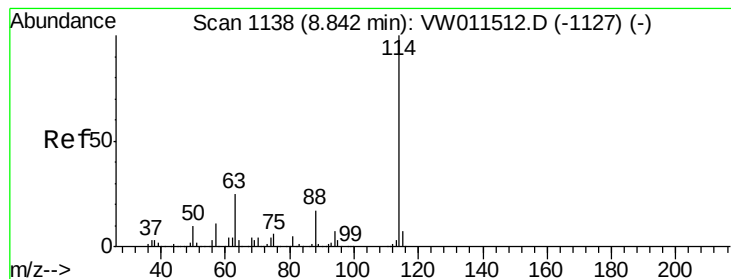
Tot Ion: 43 Resp: 9597
 Ion Ratio Lower Upper
 43 100
 72 12.3 16.6 24.8#



#33
 1,2-Dichloroethane-d4
 Concen: 54.767 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012106.D
 Acq: 22 Aug 2019 13:16

Tgt Ion: 65 Resp: 145943
 Ion Ratio Lower Upper
 65 100
 67 52.5 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: VW012106.D

Acq: 22 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

OK-01-082119

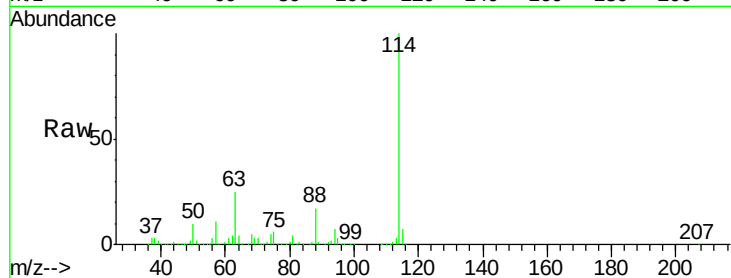
Tot Ion:114 Resp: 386018

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

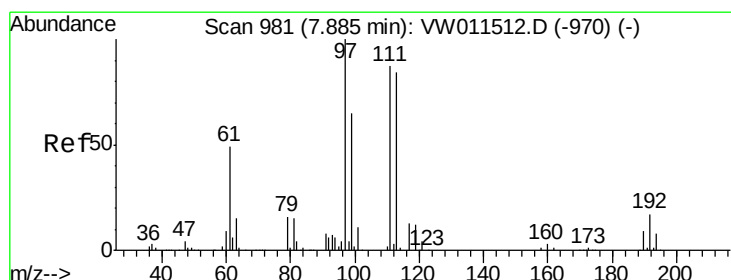
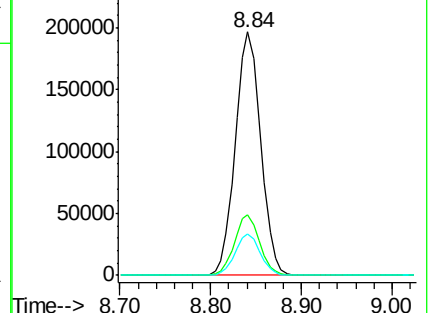
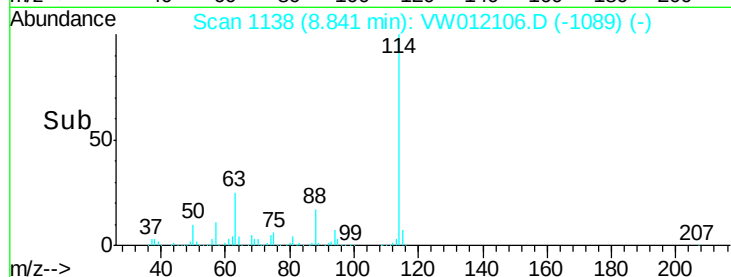
88 17.0 0.0 33.8



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: 54.237 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012106.D

Acq: 22 Aug 2019 13:16

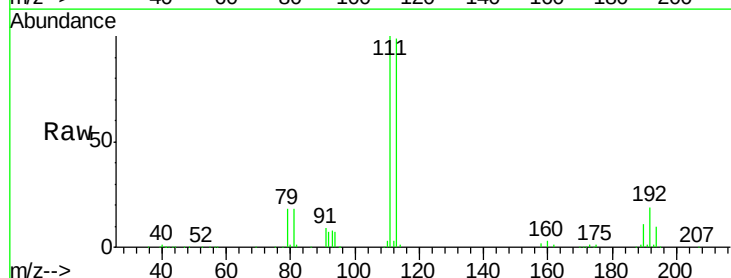
Tgt Ion:113 Resp: 117458

Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

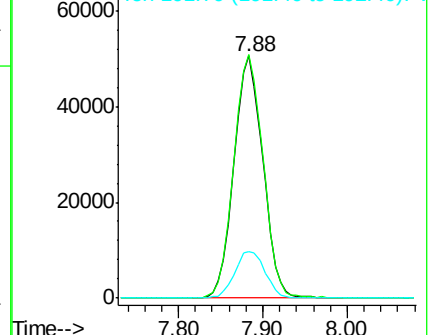
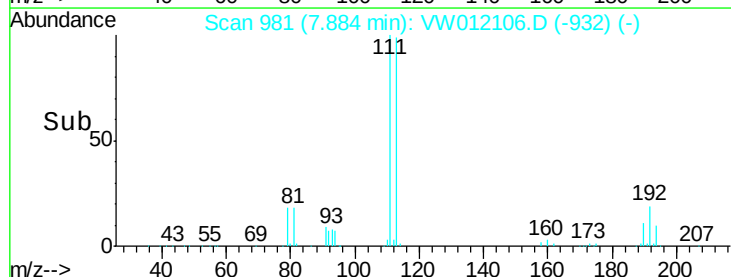
192 20.3 16.1 24.1

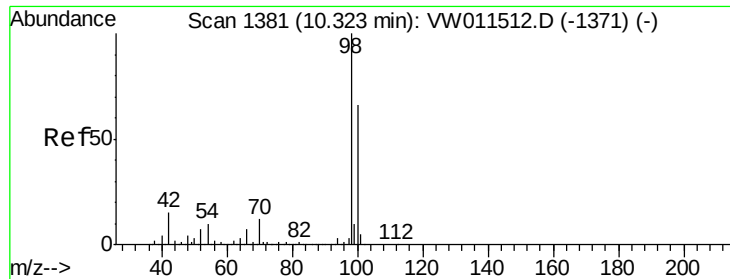


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

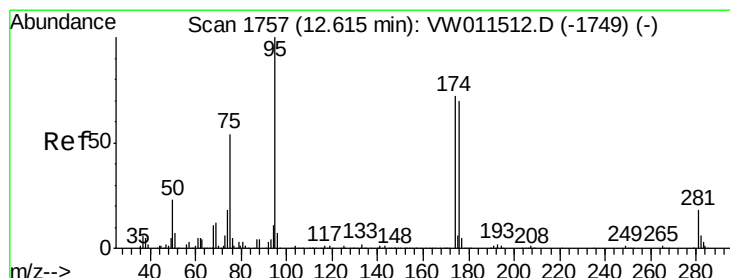
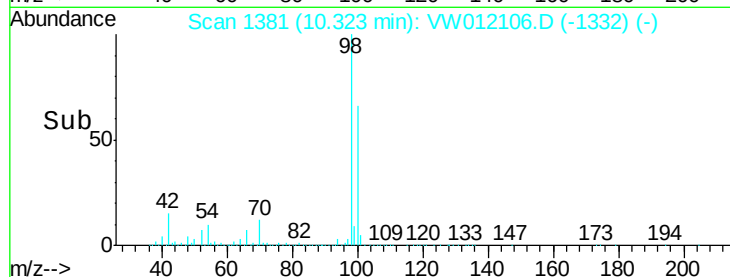
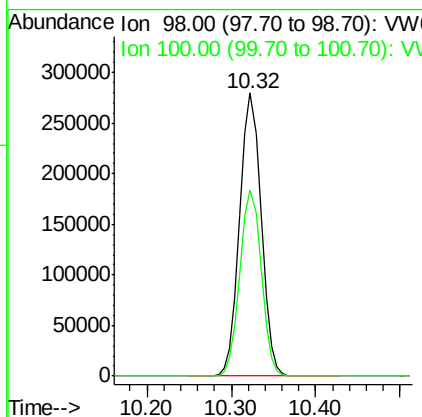
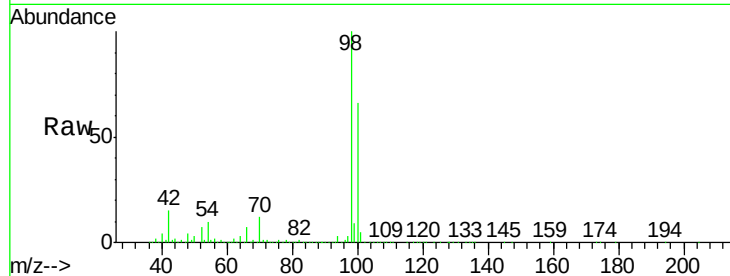




#50
Toluene-d8
Concen: 54.068 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012106.D
Acq: 22 Aug 2019 13:16

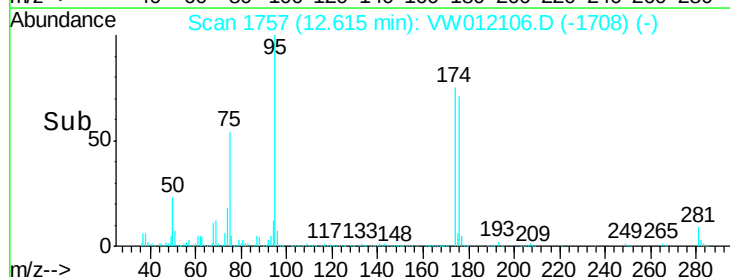
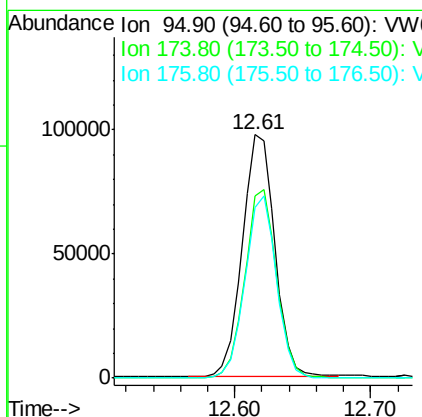
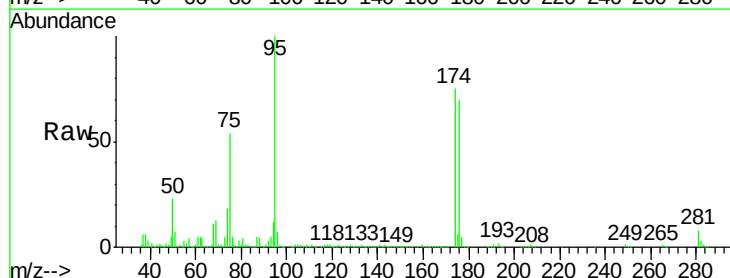
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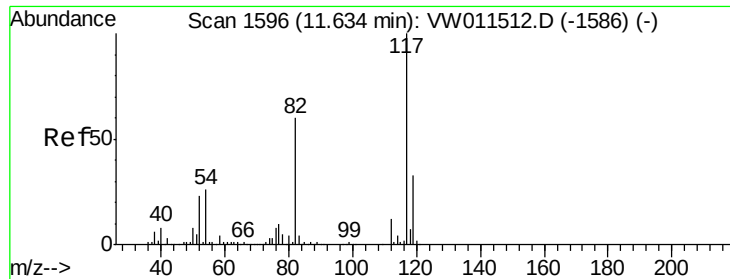
Tot Ion: 98 Resp: 479402
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.532 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012106.D
Acq: 22 Aug 2019 13:16

Tgt Ion: 95 Resp: 162901
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 72.8 0.0 144.4

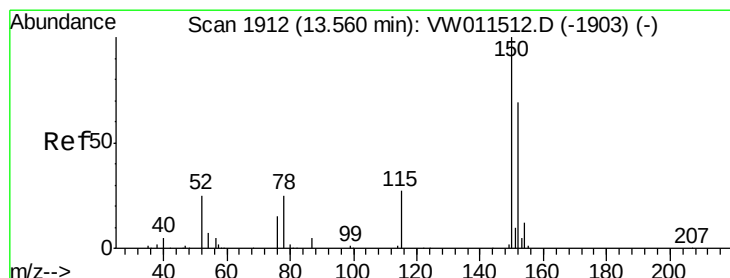
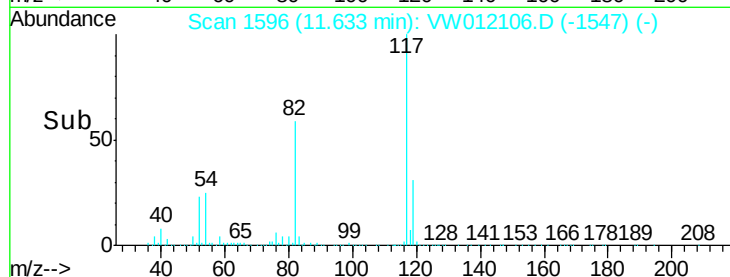
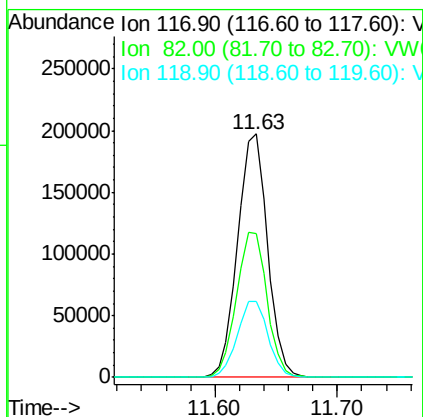
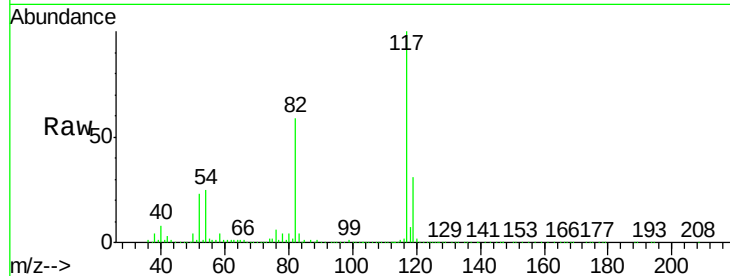




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012106.D
Acq: 22 Aug 2019 13:16

Instrument :
MSVOA_W
ClientSampleId :
OK-01-082119

Tot Ion:117 Resp: 332489
Ion Ratio Lower Upper
117 100
82 59.1 47.9 71.9
119 31.2 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: VW012106.D
Acq: 22 Aug 2019 13:16

Tgt Ion:152 Resp: 143915
Ion Ratio Lower Upper
152 100
115 58.8 30.5 91.5
150 155.4 0.0 352.6

