

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011880.D
 Acq On : 13 Aug 2019 05:03
 Operator : SY/VA
 Sample : K4230-10
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-D2-(1)

Quant Time: Aug 13 10:05:09 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

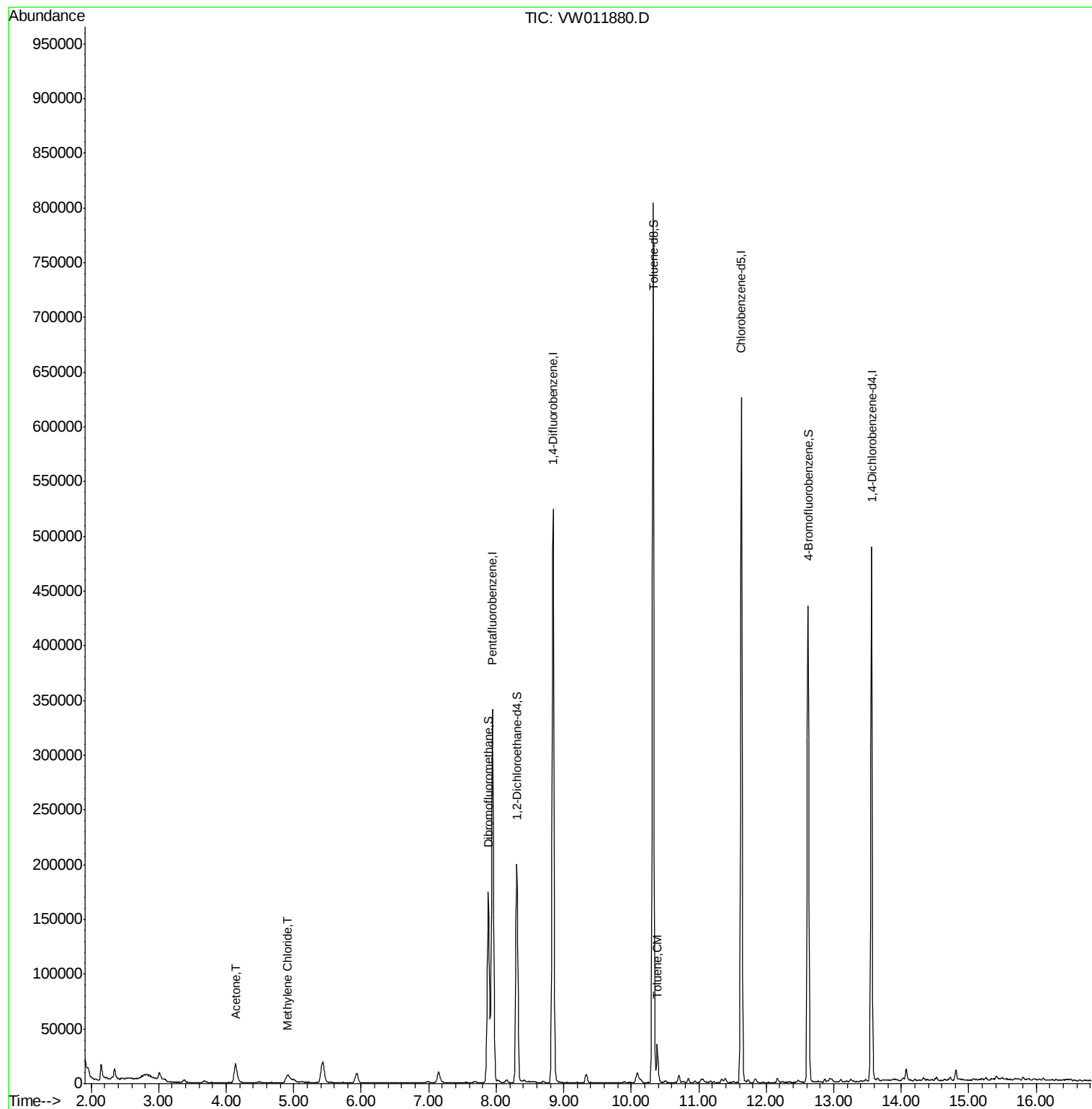
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155983	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	122980	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
50) Toluene-d8	10.32	98	490587	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.62	95	144258	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
16) Acetone	4.14	43	36071	41.583	ug/l	94
20) Methylene Chloride	4.90	84	4680	1.564	ug/l #	81
52) Toluene	10.39	92	14367	2.050	ug/l	98

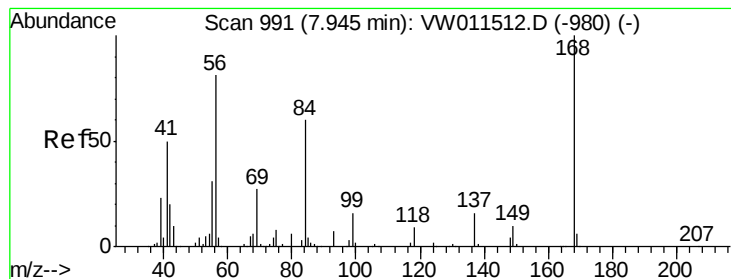
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW011880.D

Acq: 13 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

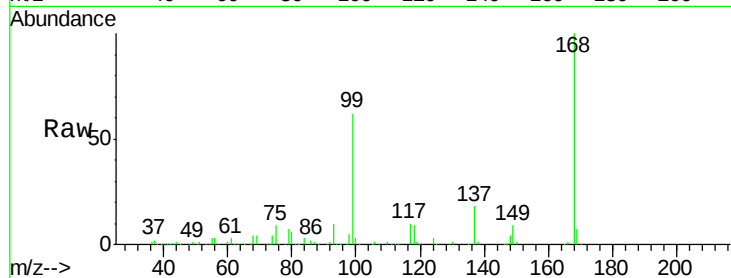
2S-D2-(1)

Tot Ion:168 Resp: 237486

Ion Ratio Lower Upper

168 100

99 61.7 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

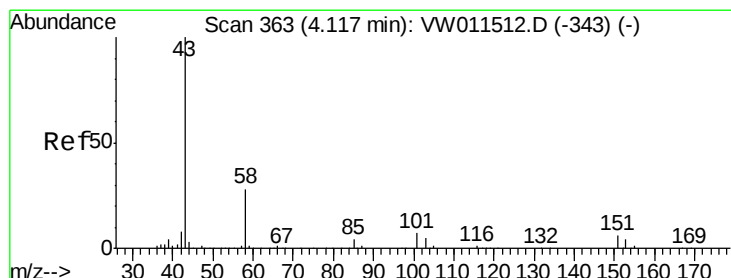
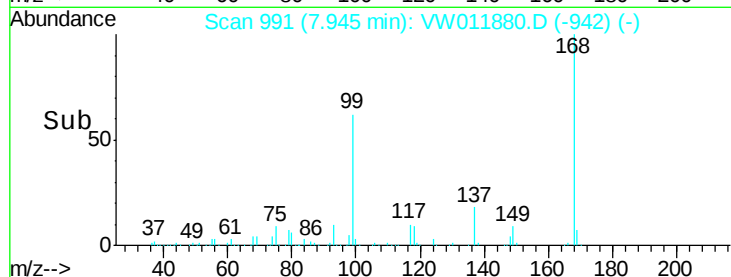
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 41.583 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011880.D

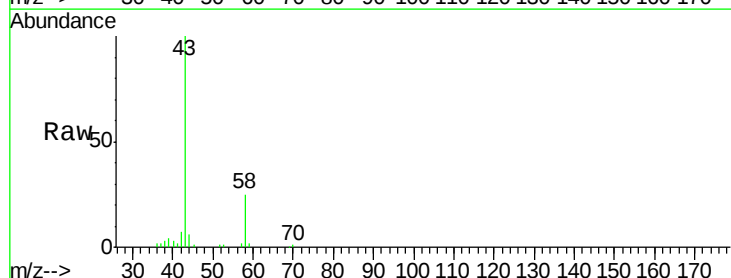
Acq: 13 Aug 2019 05:03

Tgt Ion: 43 Resp: 36071

Ion Ratio Lower Upper

43 100

58 24.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

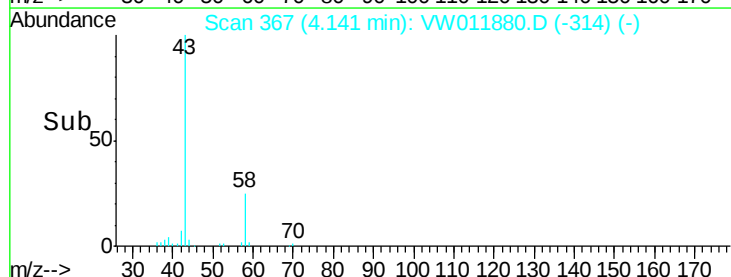
4.14

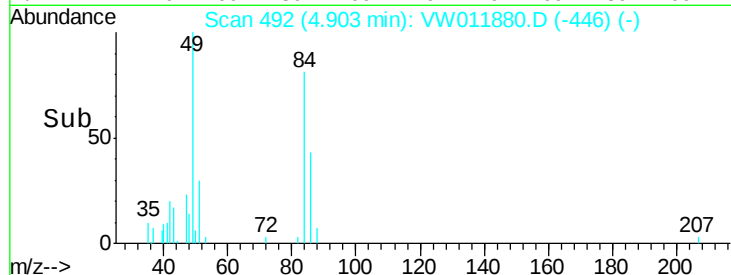
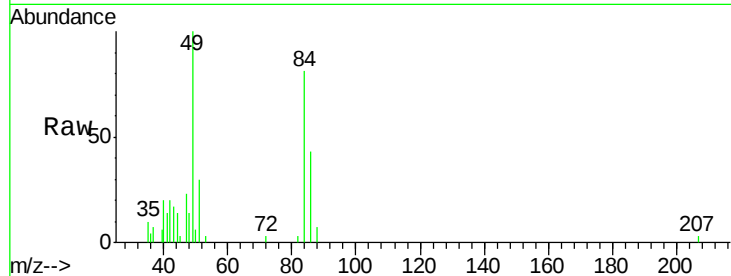
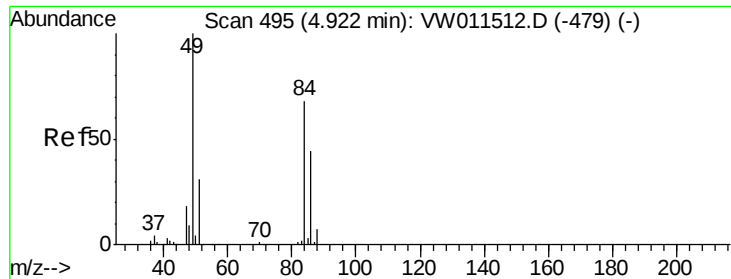
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

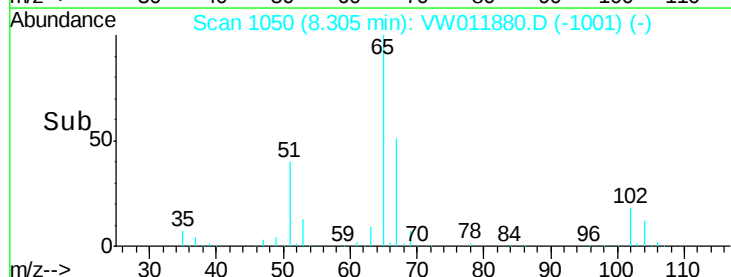
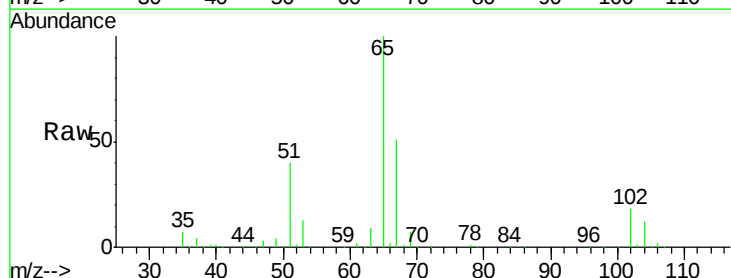
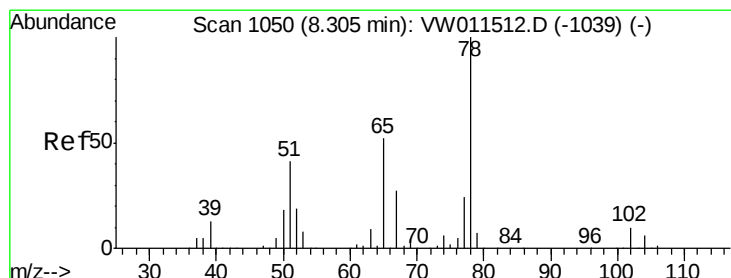
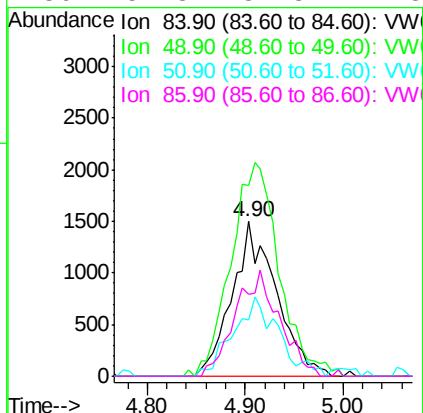




#20
Methvlene Chloride
Concen: 1.564 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011880.D
Acq: 13 Aug 2019 05:03

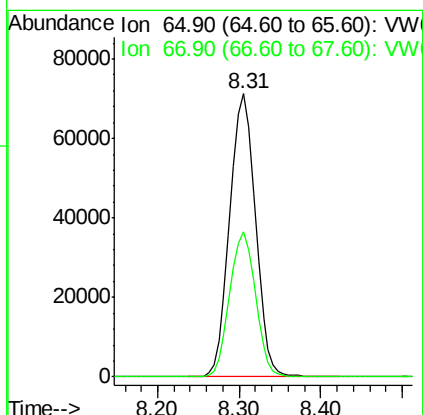
Instrument :
MSVOA_W
ClientSampled :
2S-D2-(1)

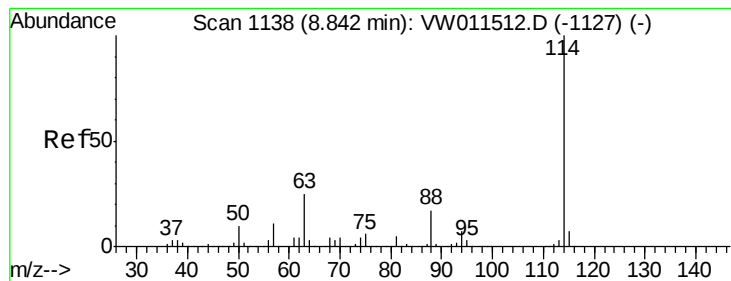
Tot Ion	84	Resp	4680
Ion Ratio	Lower	Upper	
84	100		
49	119.7	117.8	176.6
51	36.5	37.0	55.4#
86	52.8	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 57.199 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011880.D
Acq: 13 Aug 2019 05:03

Tgt Ion	65	Resp	155983
Ion Ratio	Lower	Upper	
65	100		
67	51.3	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: VW011880.D

Acq: 13 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampled :

2S-D2-(1)

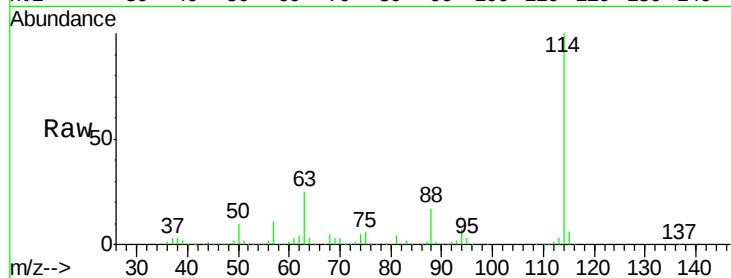
Tot Ion:114 Resp: 398506

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

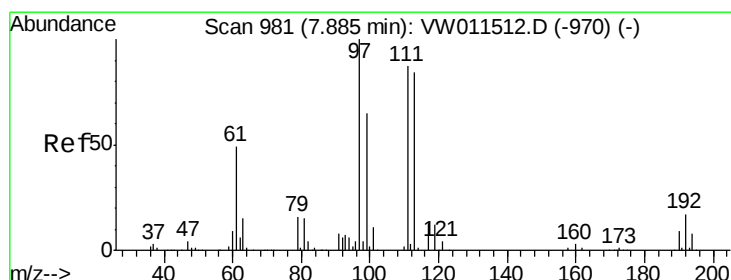
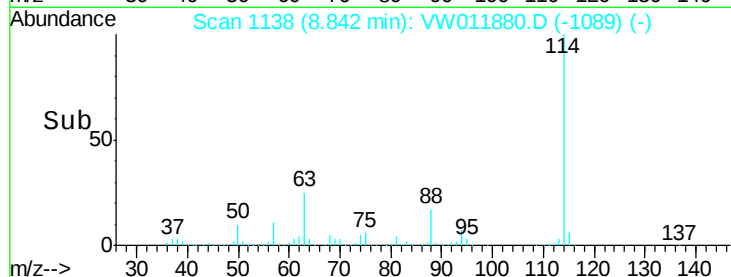
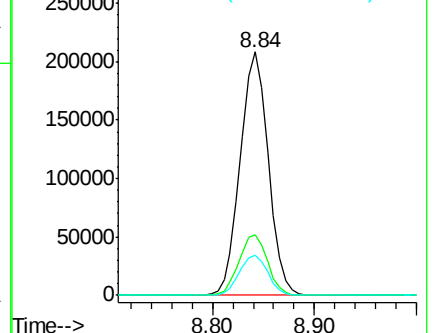
88 16.7 0.0 33.8



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: 55.008 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011880.D

Acq: 13 Aug 2019 05:03

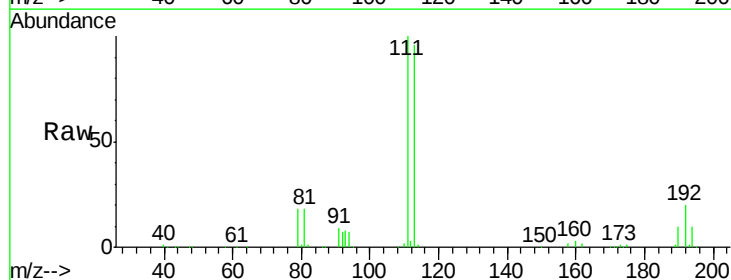
Tgt Ion:113 Resp: 122980

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

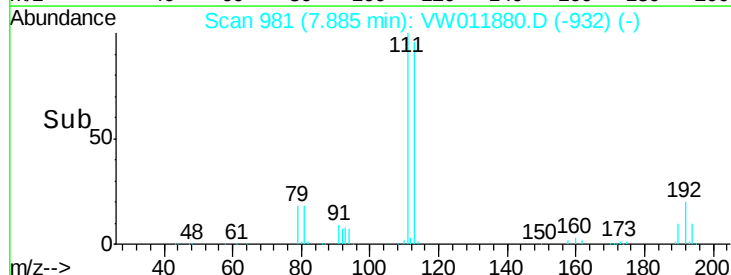
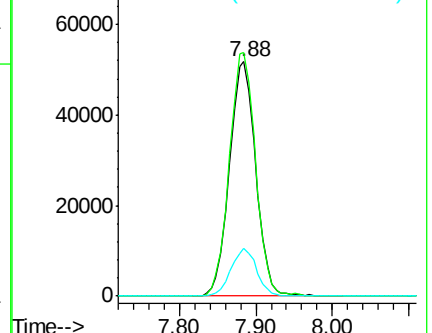
192 19.7 16.1 24.1

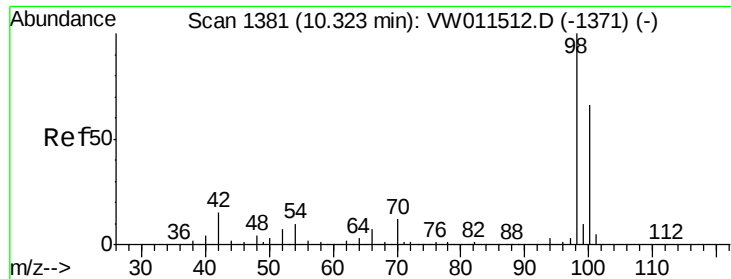


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

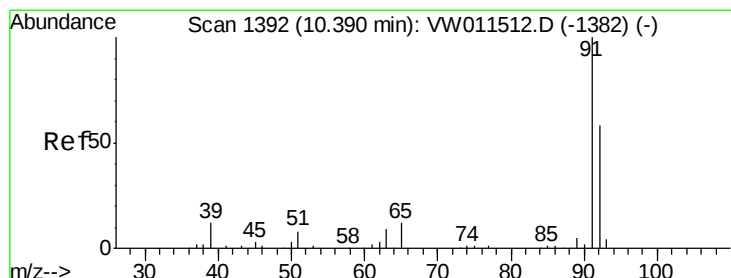
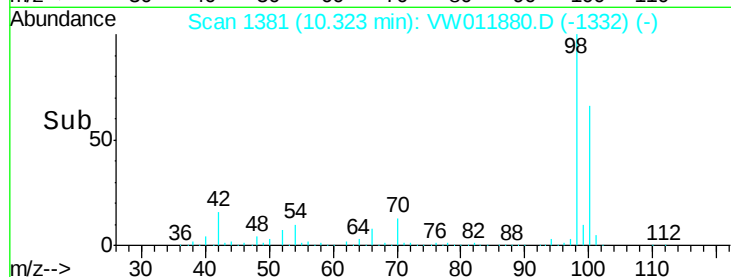
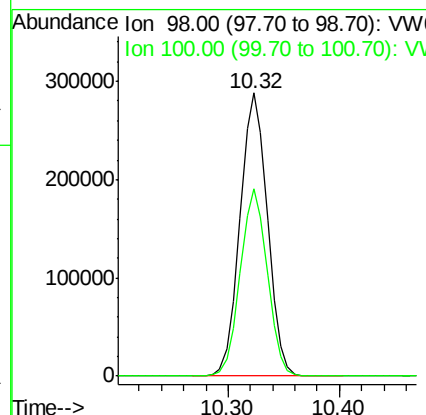
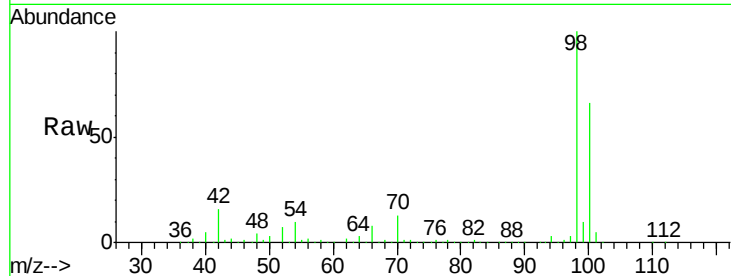




#50
Toluene-d8
Concen: 53.595 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011880.D
Acq: 13 Aug 2019 05:03

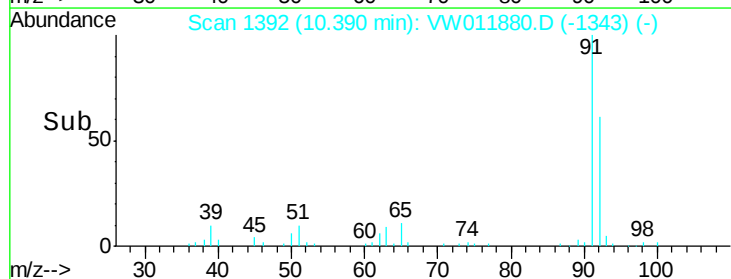
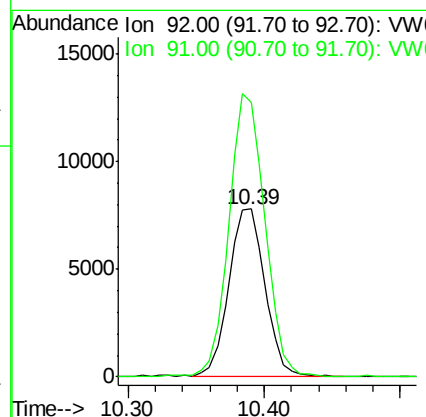
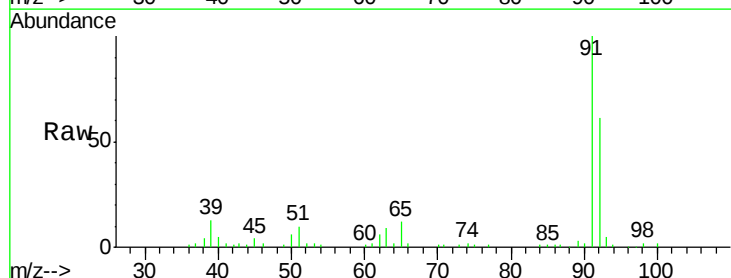
Instrument :
MSVOA_W
ClientSampleId :
2S-D2-(1)

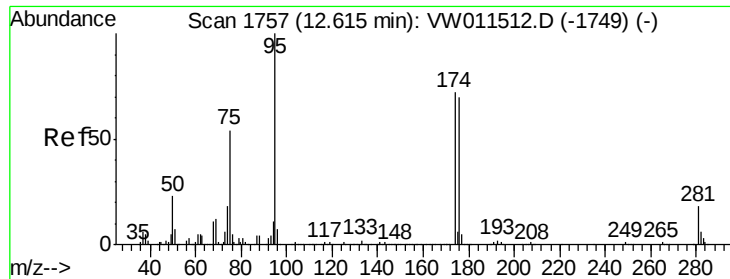
Tot Ion: 98 Resp: 490587
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#52
Toluene
Concen: 2.050 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW011880.D
Acq: 13 Aug 2019 05:03

Tgt Ion: 92 Resp: 14367
Ion Ratio Lower Upper
92 100
91 168.5 136.7 205.1

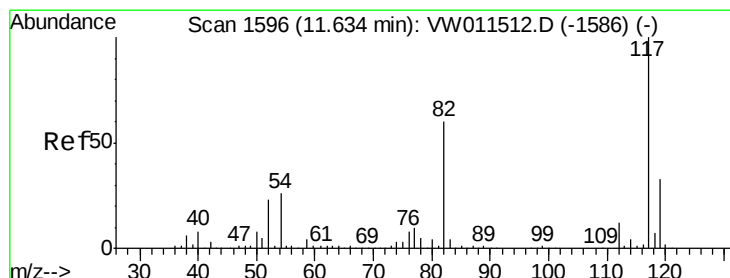
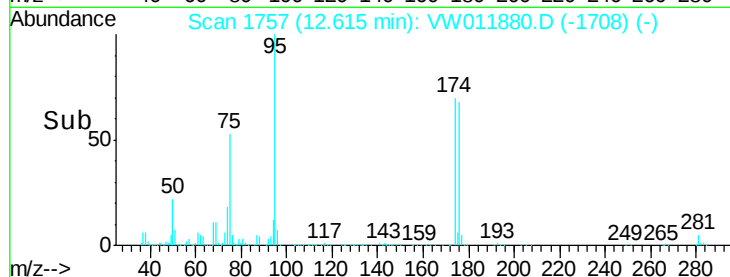
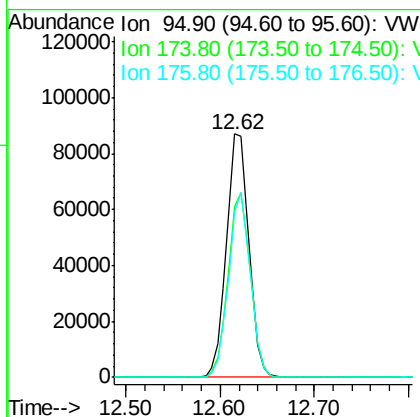
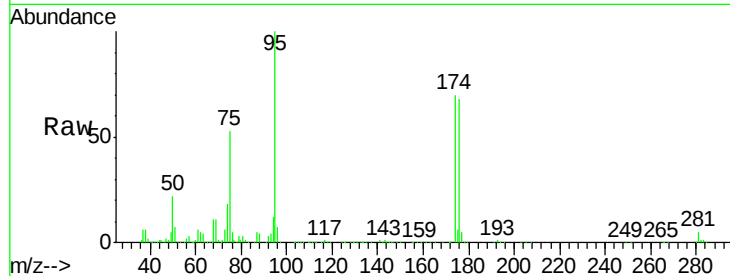




#62
4-Bromofluorobenzene
Concen: 44.204 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011880.D
Acq: 13 Aug 2019 05:03

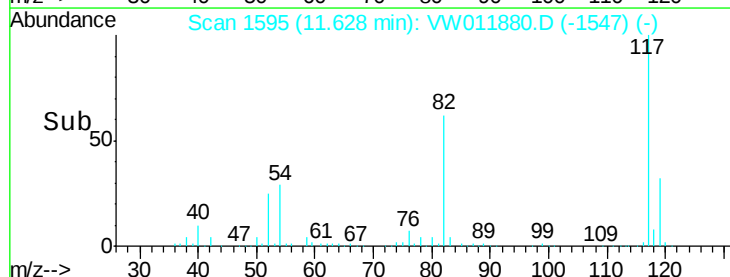
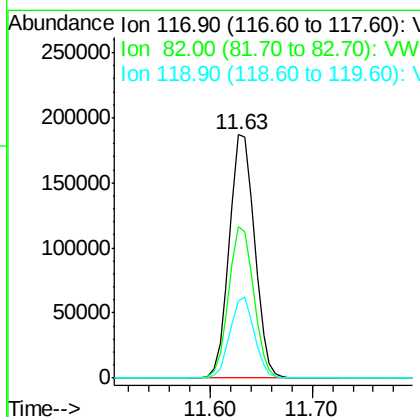
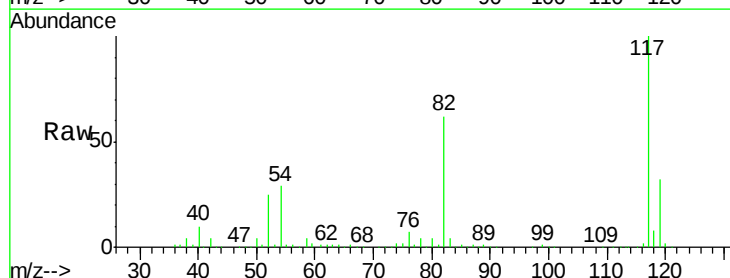
Instrument :
MSVOA_W
ClientSampleId :
2S-D2-(1)

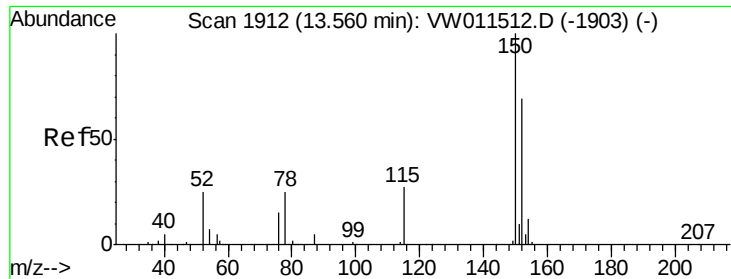
Tot Ion: 95 Resp: 144258
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.2
176 73.2 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011880.D
Acq: 13 Aug 2019 05:03

Tgt Ion: 117 Resp: 320168
Ion Ratio Lower Upper
117 100
82 62.4 47.9 71.9
119 31.7 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: VW011880.D

Acq: 13 Aug 2019 05:03

Instrument :

MSVOA_W

ClientSampleId :

2S-D2-(1)

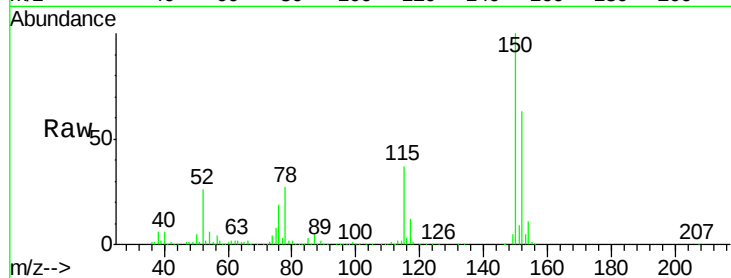
Tot Ion:152 Resp: 115920

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

150 157.8 0.0 352.6



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

