

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011673.D
 Acq On : 03 Aug 2019 18:22
 Operator : SY/VA
 Sample : K4152-14
 Misc : 5.59G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-E3-(0-1)

Quant Time: Aug 04 02:22:57 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

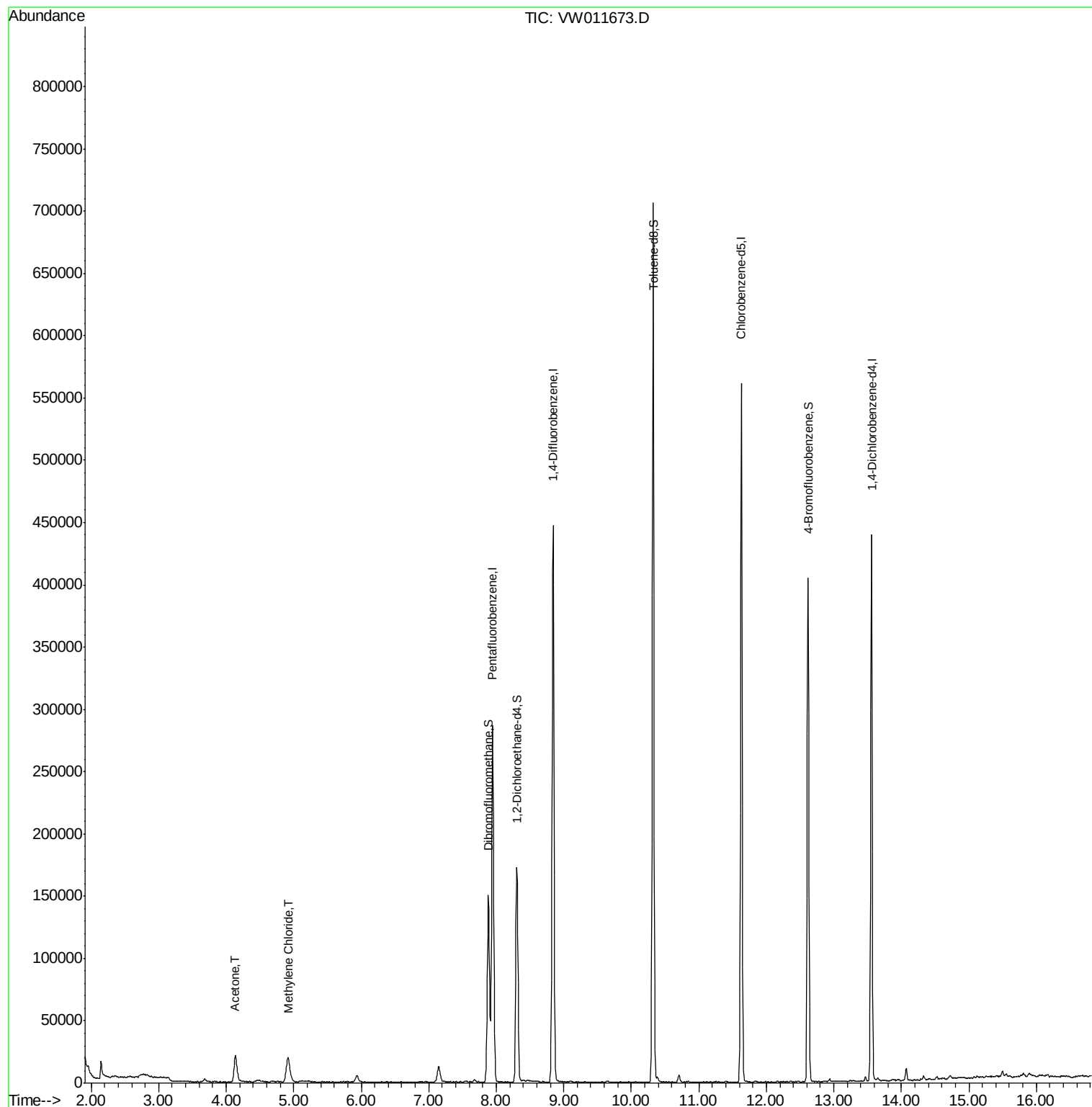
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138465	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.22%	
35) Dibromofluoromethane	7.88	113	107593	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	10.32	98	431842	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	12.62	95	132978	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
16) Acetone	4.14	43	43310	57.632	ug/l	98
20) Methylene Chloride	4.92	84	15781	6.089	ug/l	98

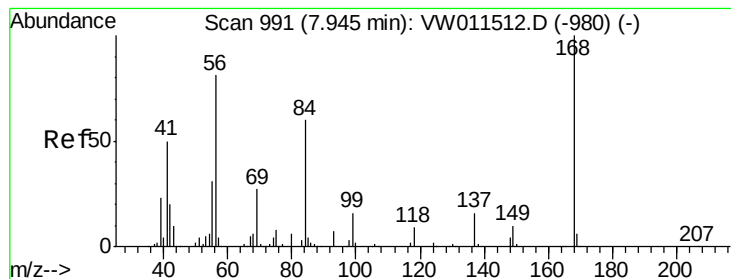
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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MSVOA_W

ClientSampleId :

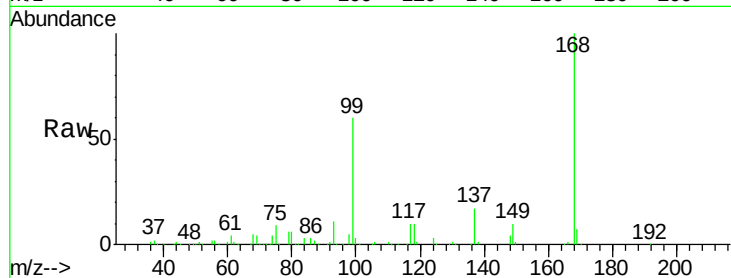
2S-E3-(0-1)

Tot Ion:168 Resp: 205739

Ion Ratio Lower Upper

168 100

99 60.1 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

100000

80000

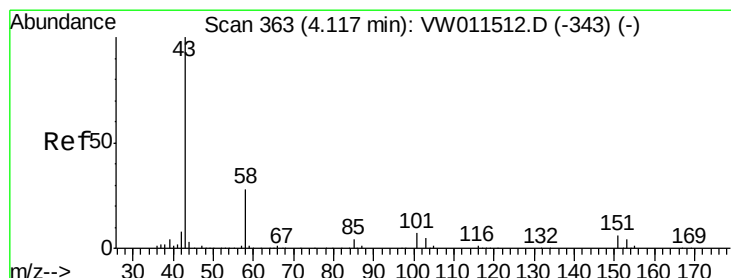
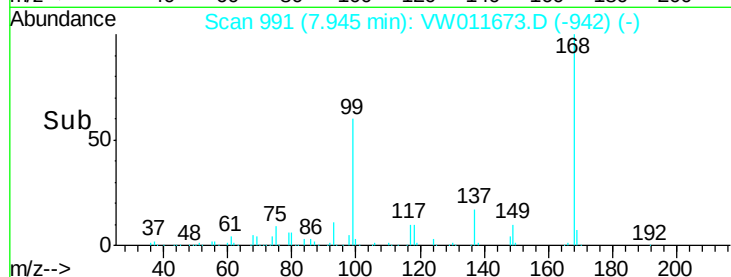
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 57.632 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011673.D

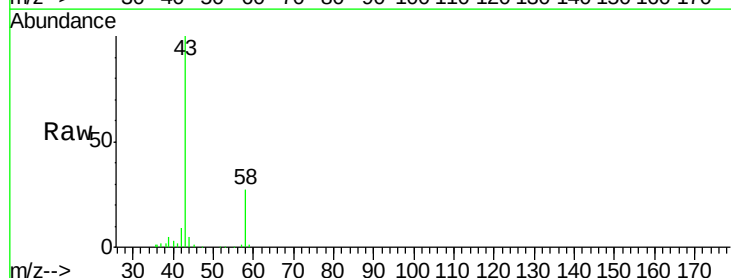
Acq: 03 Aug 2019 18:22

Tgt Ion: 43 Resp: 43310

Ion Ratio Lower Upper

43 100

58 26.7 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

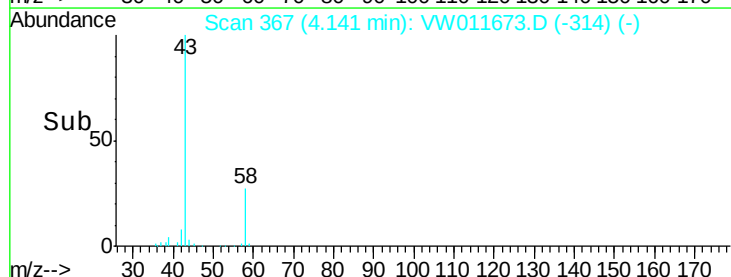
15000

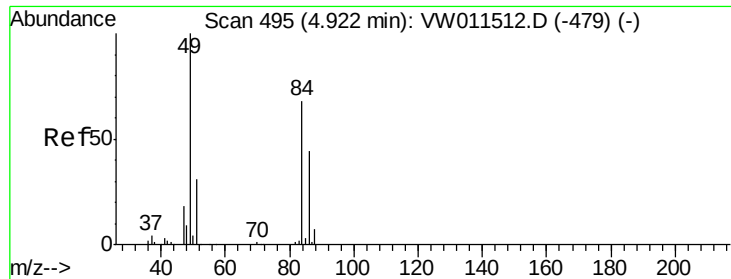
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

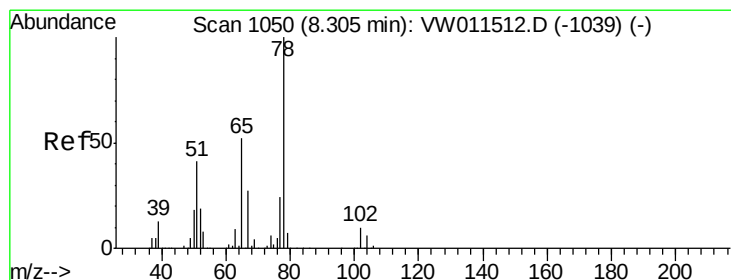
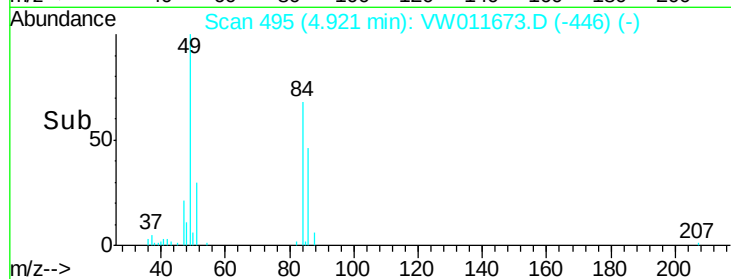
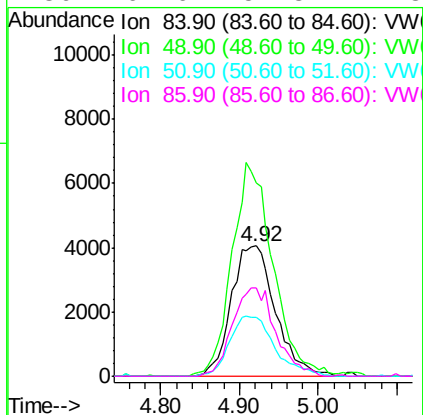
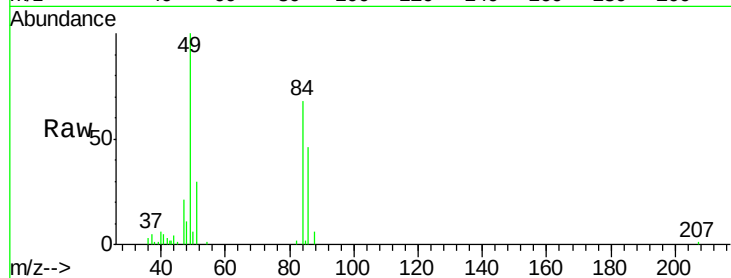




#20
Methylene Chloride
Concen: 6.089 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011673.D
Acq: 03 Aug 2019 18:22

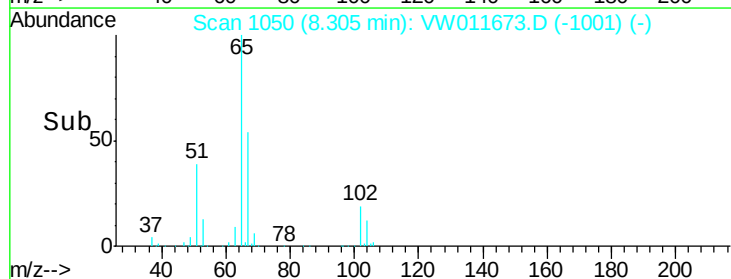
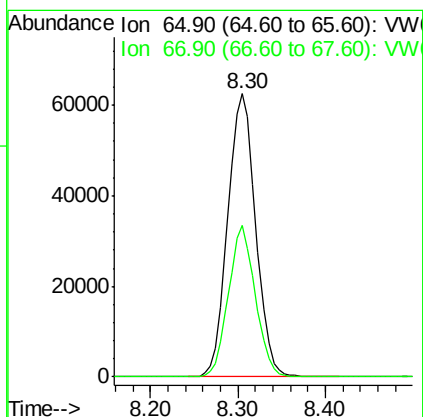
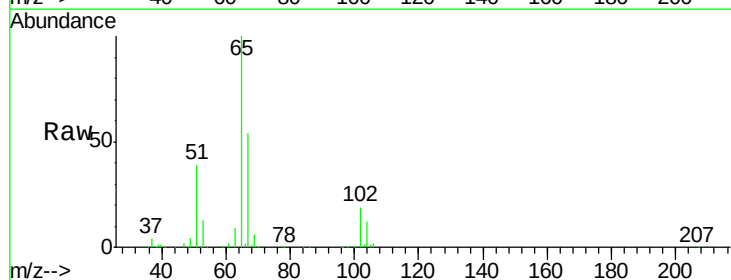
Instrument :
MSVOA_W
ClientSampleId :
2S-E3-(0-1)

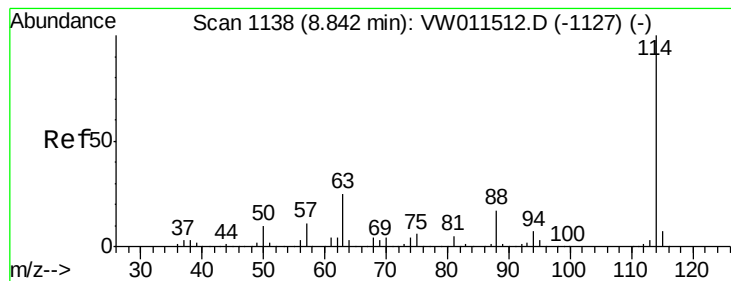
Tot Ion:	84	Resp:	15781
Ion	Ratio	Lower	Upper
84	100		
49	148.1	117.8	176.6
51	44.7	37.0	55.4
86	67.6	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 58.611 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011673.D
Acq: 03 Aug 2019 18:22

Tgt Ion:	65	Resp:	138465
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VW011673.D

Acq: 03 Aug 2019 18:22

Instrument :

MSVOA_W

ClientSampleId :

2S-E3-(0-1)

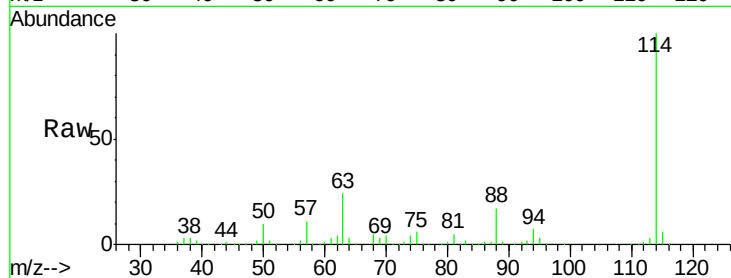
Tot Ion:114 Resp: 351283

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

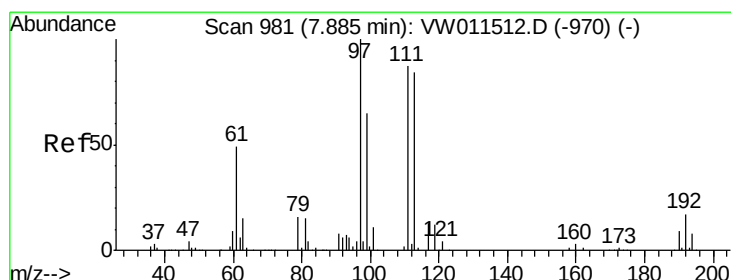
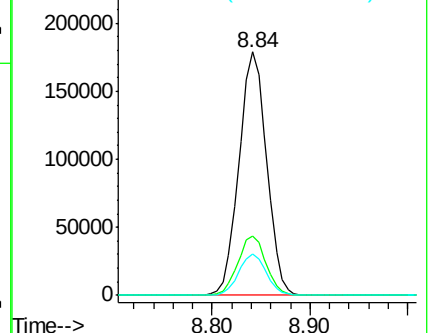
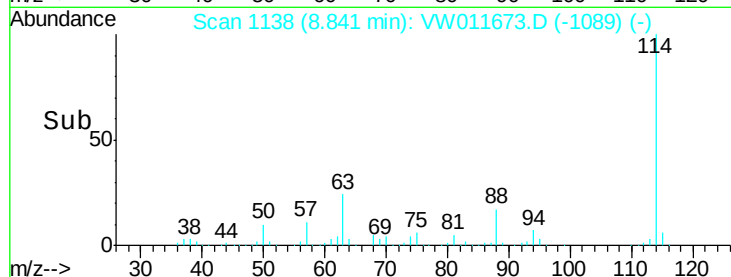
88 16.9 0.0 33.8



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: 54.595 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011673.D

Acq: 03 Aug 2019 18:22

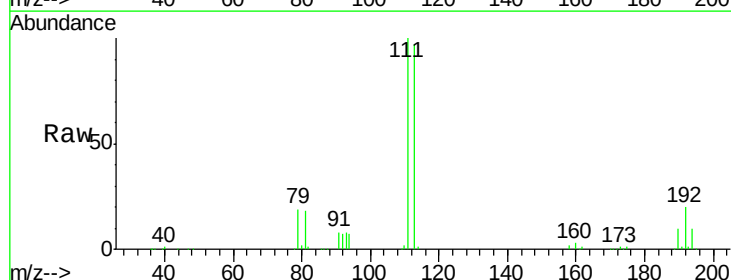
Tgt Ion:113 Resp: 107593

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

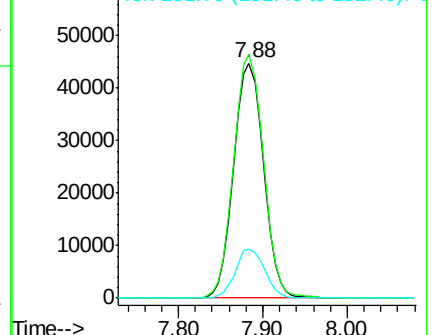
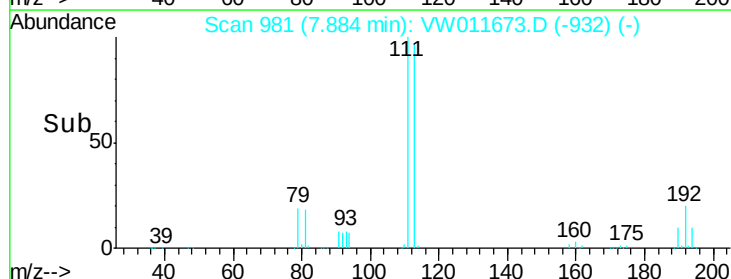
192 20.5 16.1 24.1

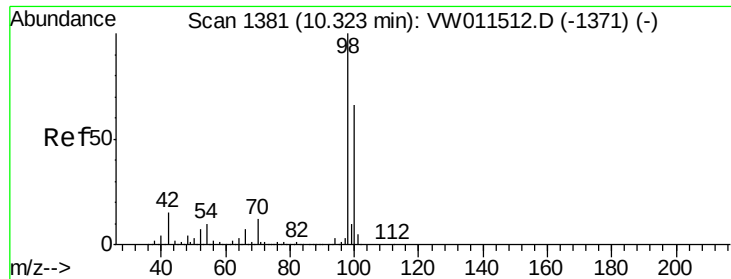


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

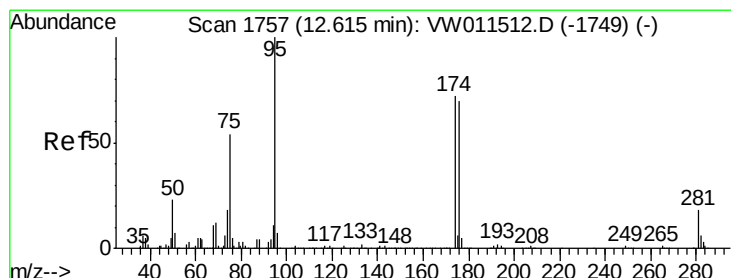
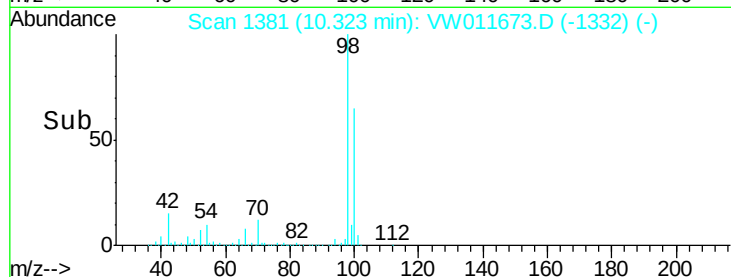
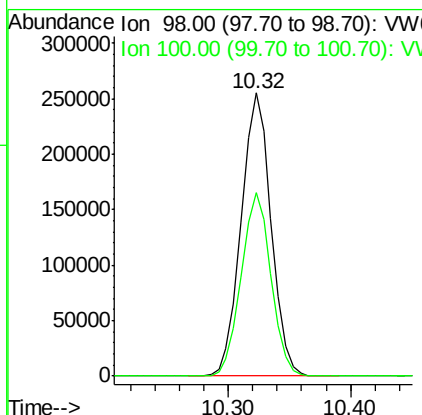
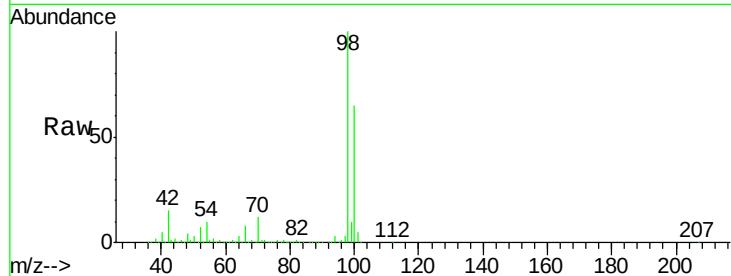




#50
Toluene-d8
Concen: 53.520 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011673.D
Acq: 03 Aug 2019 18:22

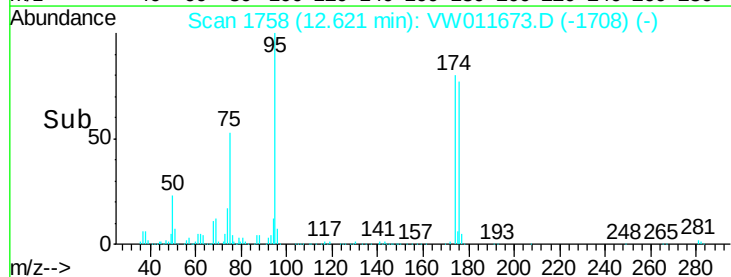
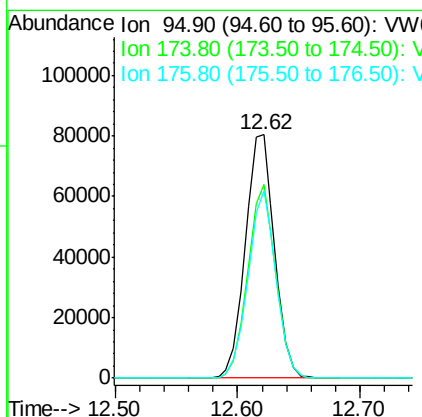
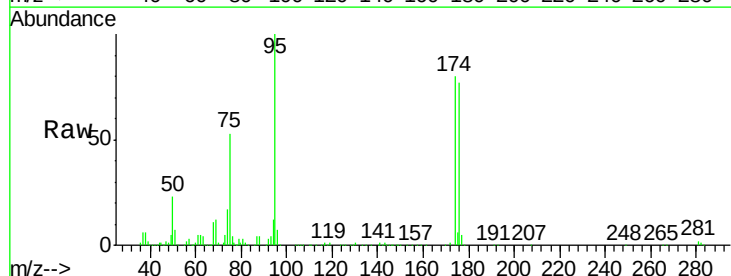
Instrument :
MSVOA_W
ClientSampleId :
2S-E3-(0-1)

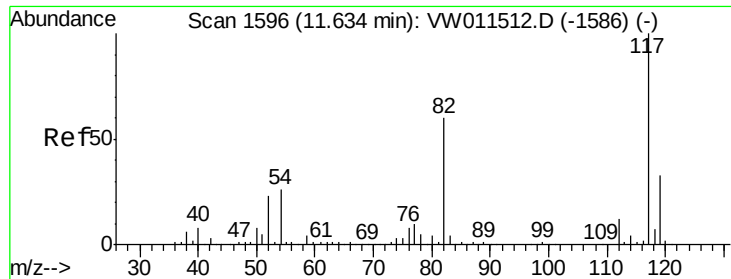
Tot Ion: 98 Resp: 431842
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.226 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011673.D
Acq: 03 Aug 2019 18:22

Tgt Ion: 95 Resp: 132978
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.2
176 73.8 0.0 144.4

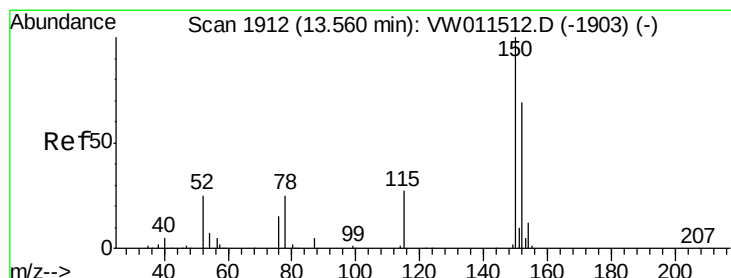
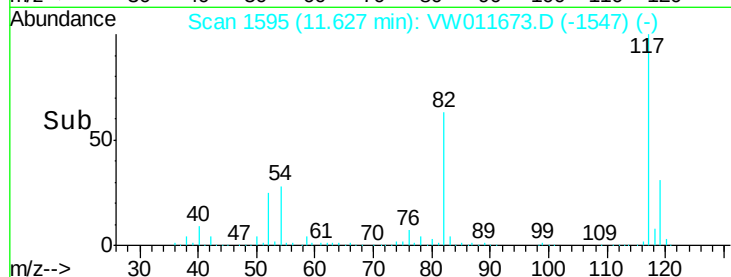
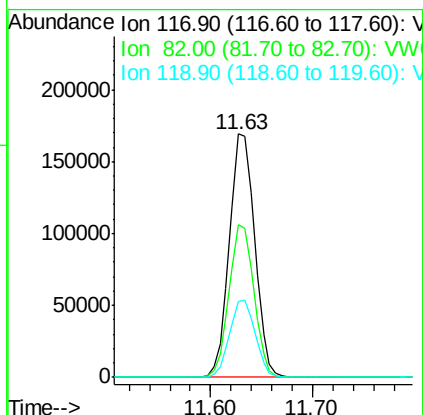
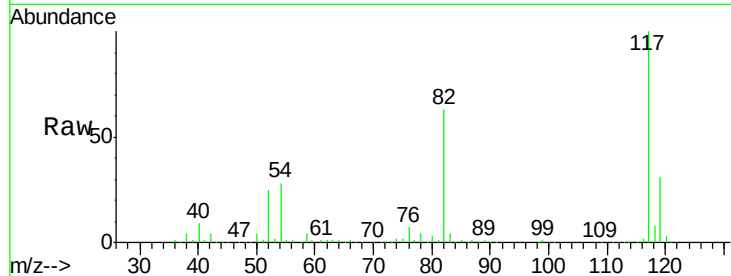




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.63 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: VW011673.D
 Acq: 03 Aug 2019 18:22

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-E3-(0-1)

Tot Ion:117 Resp: 289571
 Ion Ratio Lower Upper
 117 100
 82 62.6 47.9 71.9
 119 31.4 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: VW011673.D
 Acq: 03 Aug 2019 18:22

Tgt Ion:152 Resp: 110386
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.5 91.5
 150 159.2 0.0 352.6

