

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011823.D
 Acq On : 09 Aug 2019 20:52
 Operator : SY/VA
 Sample : K4227-06
 Misc : 6.36G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J(1)

Quant Time: Aug 11 01:48:13 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

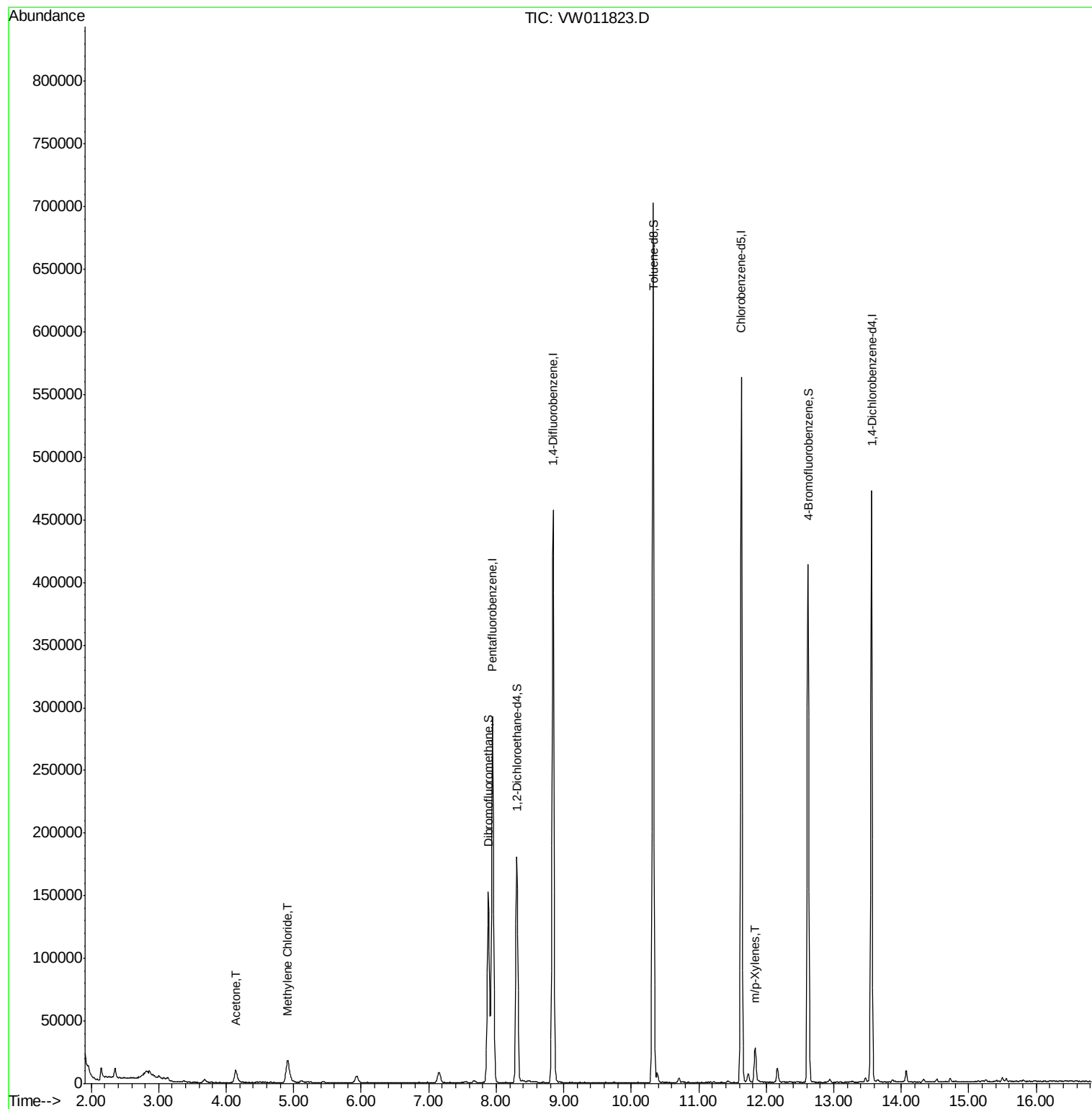
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140179	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	7.88	113	108536	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
50) Toluene-d8	10.32	98	430861	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.62	95	136745	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	4.14	43	20177	26.351	ug/l	93
20) Methylene Chloride	4.91	84	13924	5.273	ug/l	88
68) m/p-Xylenes	11.83	106	7524	1.851	ug/l	95

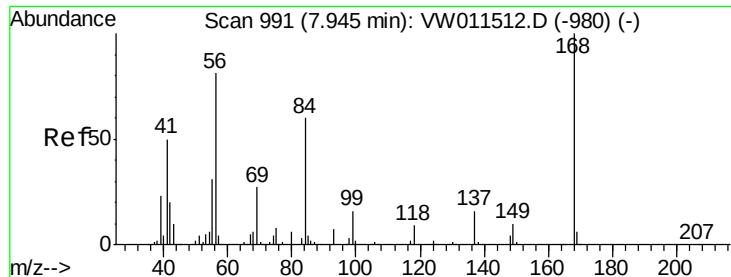
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011823.D

Acq: 09 Aug 2019 20:52

Instrument :

MSVOA_W

ClientSampleId :

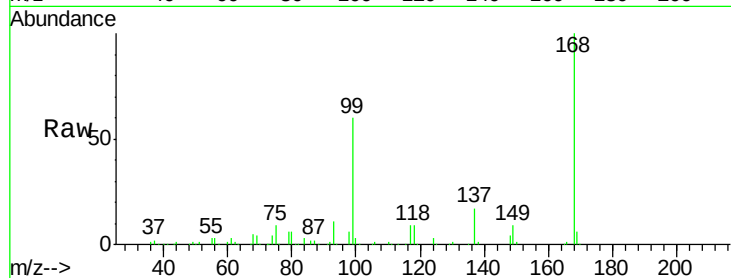
1S-J(1)

Tot Ion:168 Resp: 209630

Ion Ratio Lower Upper

168 100

99 60.5 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

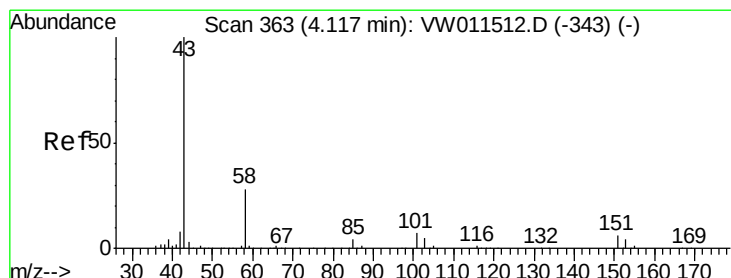
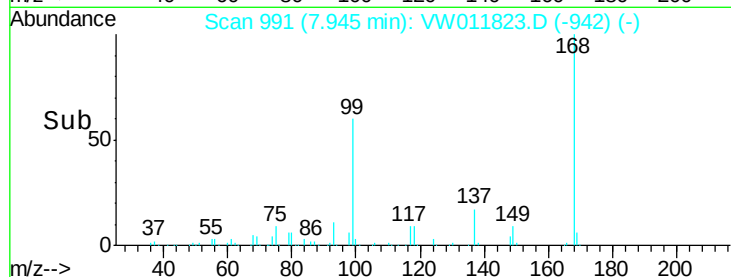
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 26.351 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011823.D

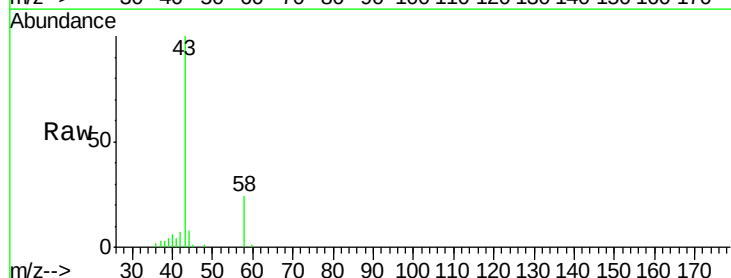
Acq: 09 Aug 2019 20:52

Tgt Ion: 43 Resp: 20177

Ion Ratio Lower Upper

43 100

58 24.1 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

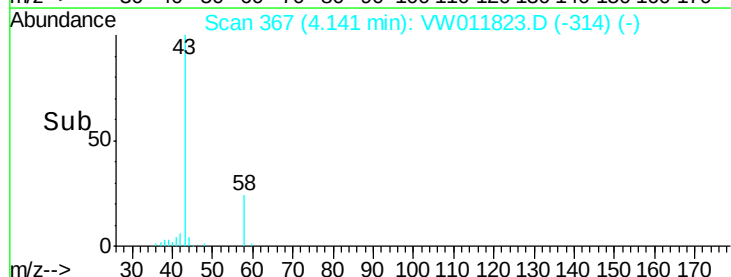
6000

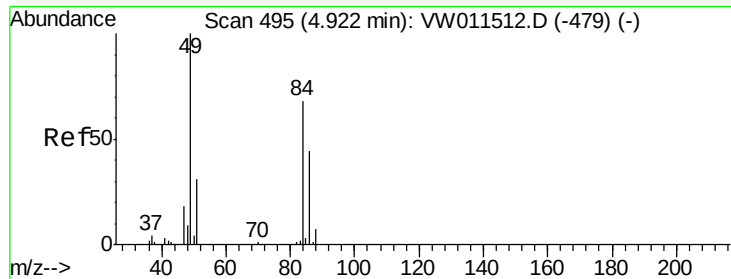
4000

2000

0

Time--> 4.00 4.10 4.20

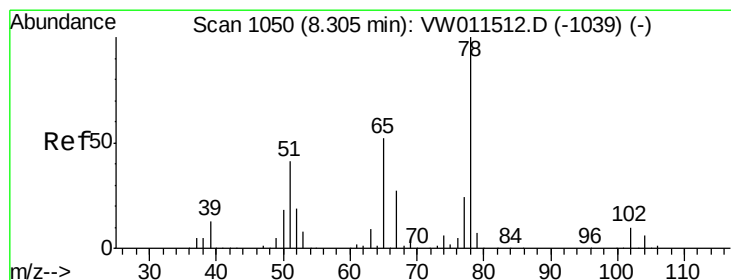
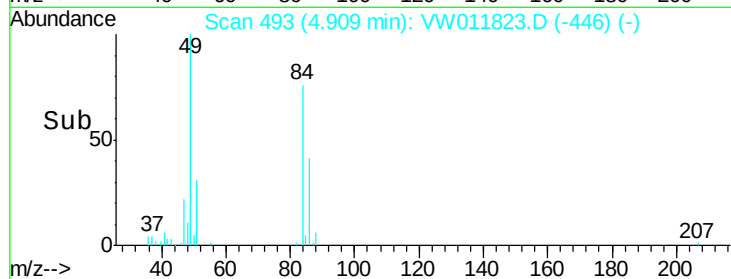
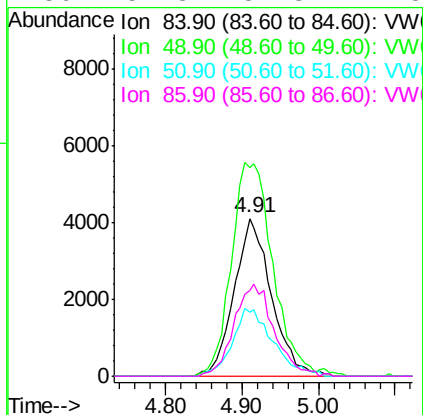
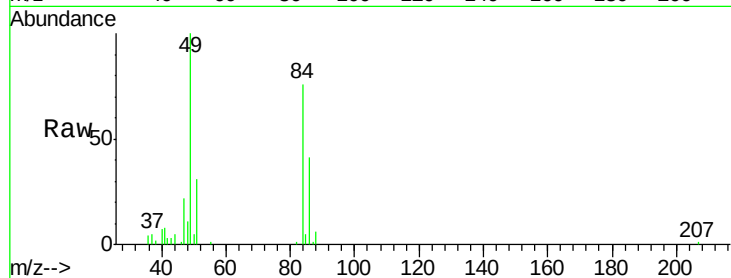




#20
Methylene Chloride
Concen: 5.273 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011823.D
Acq: 09 Aug 2019 20:52

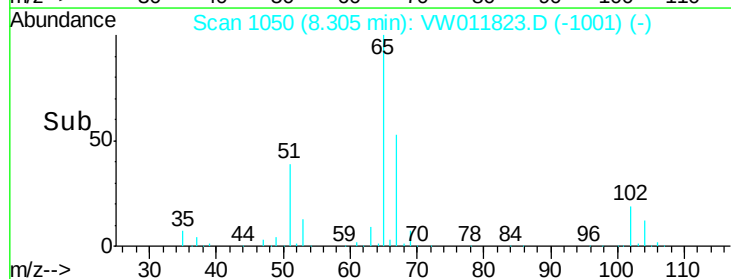
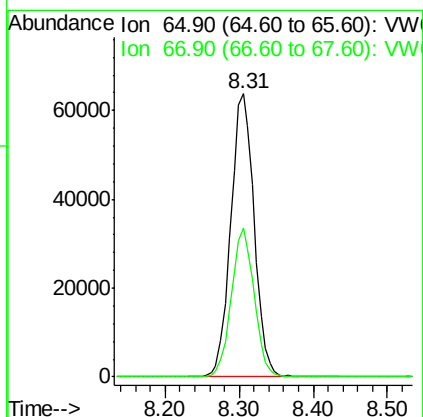
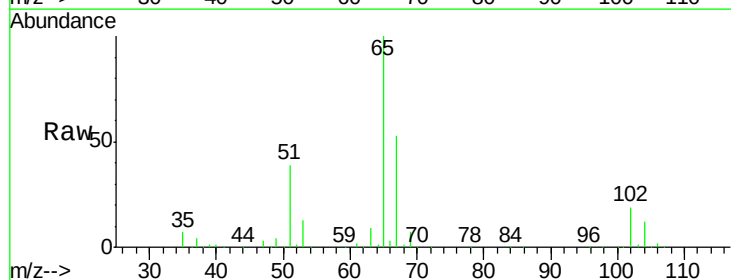
Instrument :
MSVOA_W
ClientSampled :
1S-J(1)

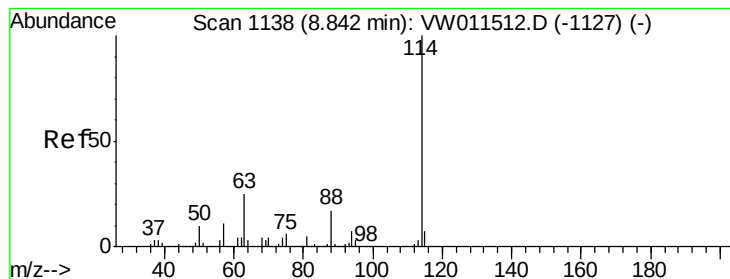
Tot Ion:	84	Resp:	13924
Ion	Ratio	Lower	Upper
84	100		
49	132.1	117.8	176.6
51	40.6	37.0	55.4
86	54.3	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 58.235 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011823.D
Acq: 09 Aug 2019 20:52

Tgt Ion:	65	Resp:	140179
Ion	Ratio	Lower	Upper
65	100		
67	51.2	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: VW011823.D

Acq: 09 Aug 2019 20:52

Instrument :

MSVOA_W

ClientSampleId :

1S-J(1)

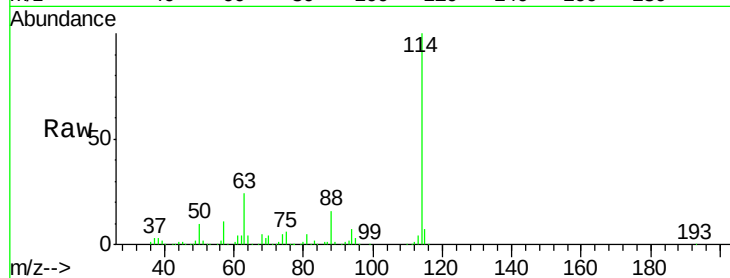
Tot Ion:114 Resp: 351028

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

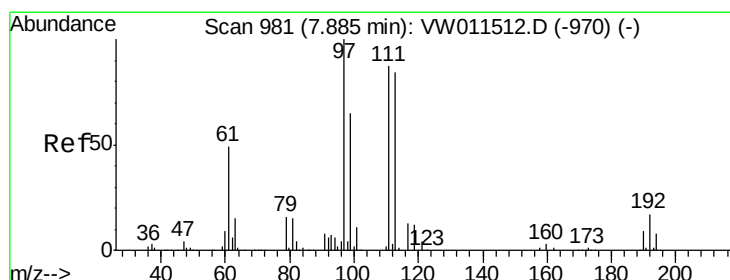
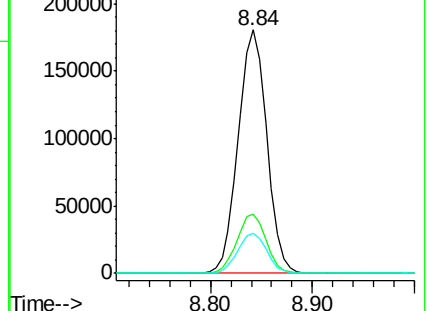
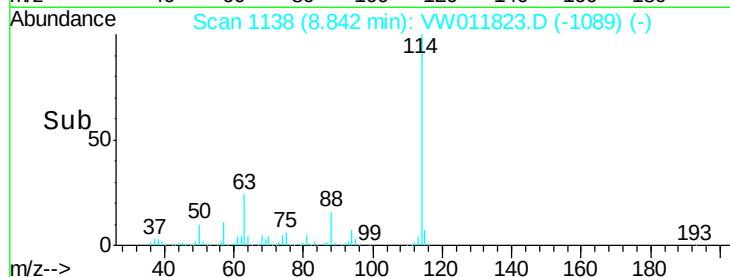
88 16.3 0.0 33.8



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: 55.113 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011823.D

Acq: 09 Aug 2019 20:52

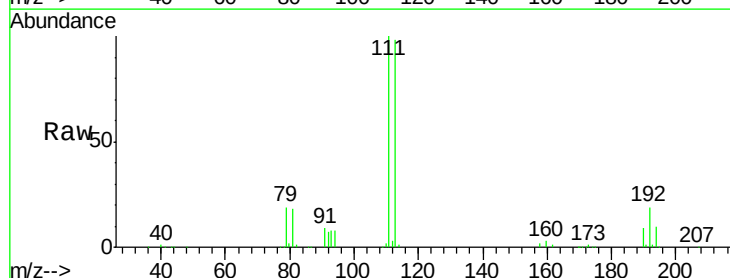
Tgt Ion:113 Resp: 108536

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

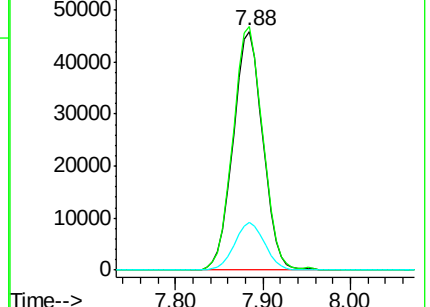
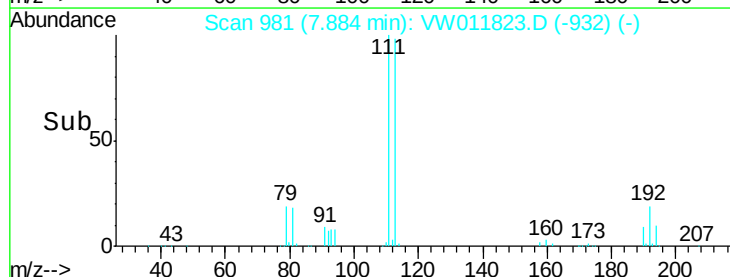
192 20.1 16.1 24.1

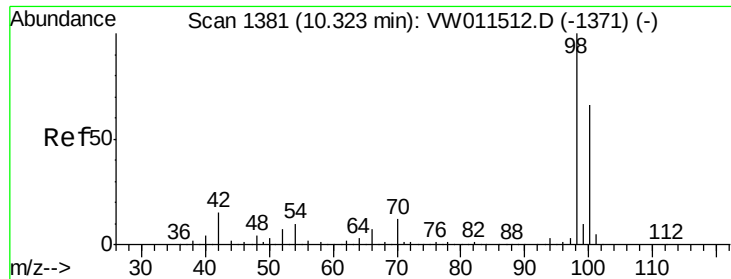


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

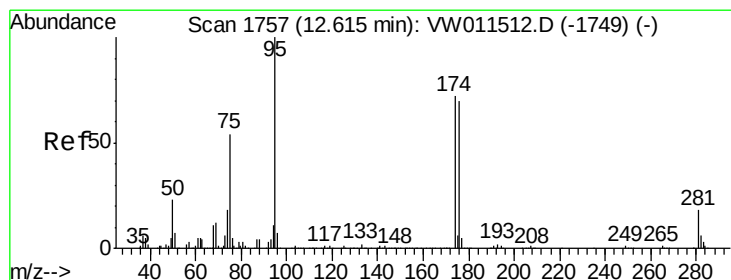
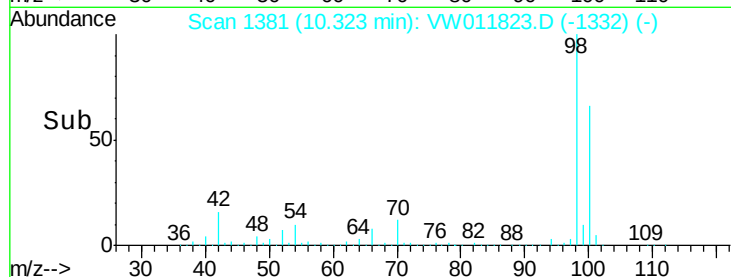
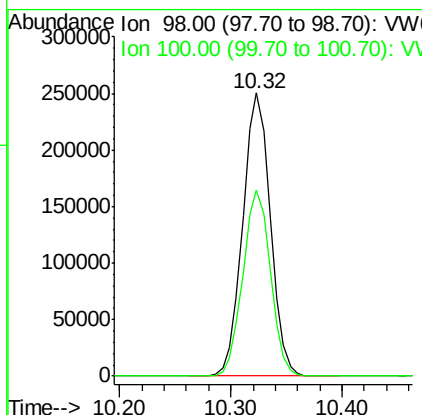
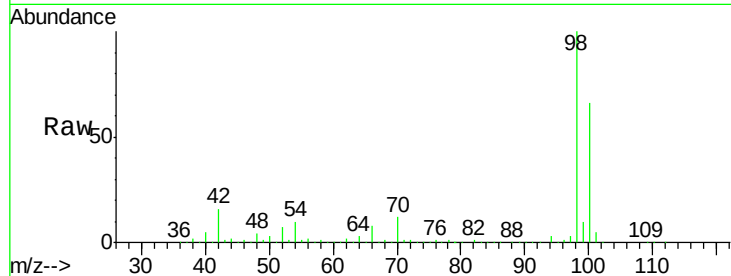




#50
Toluene-d8
Concen: 53.437 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011823.D
Acq: 09 Aug 2019 20:52

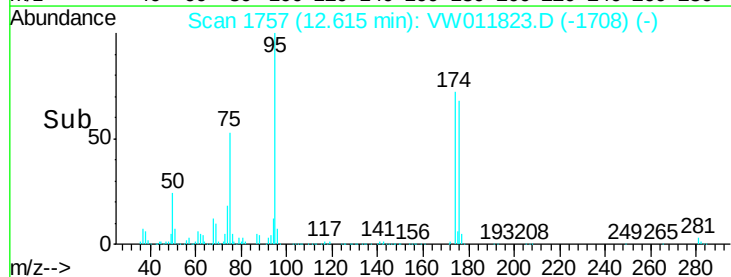
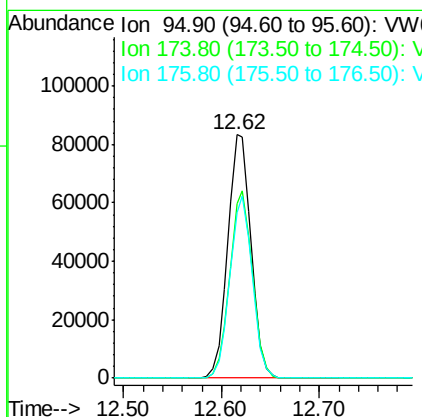
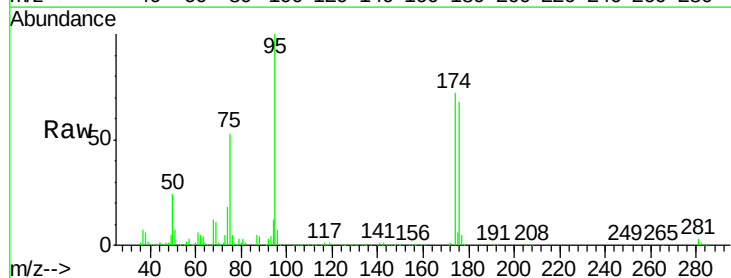
Instrument :
MSVOA_W
ClientSampled :
1S-J(1)

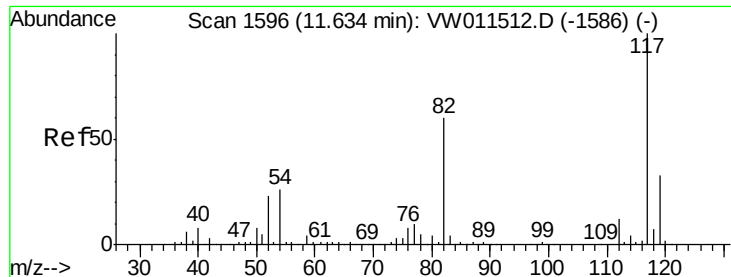
Tot Ion: 98 Resp: 430861
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.570 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011823.D
Acq: 09 Aug 2019 20:52

Tgt Ion: 95 Resp: 136745
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.2
176 72.1 0.0 144.4

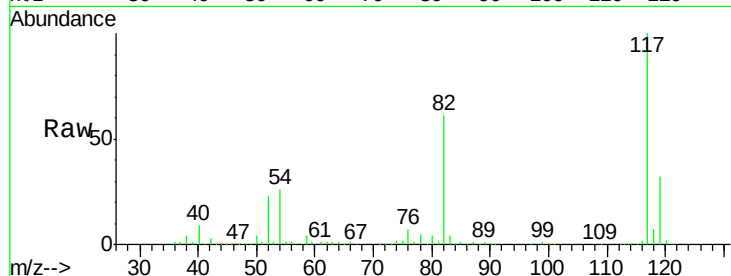




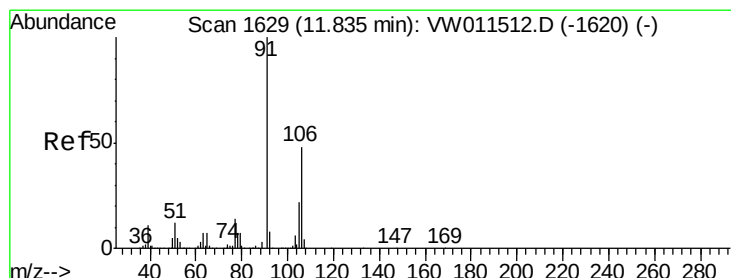
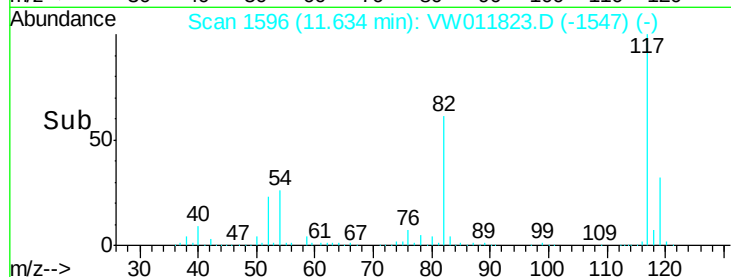
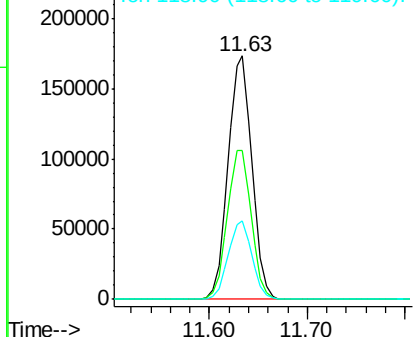
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011823.D
Acq: 09 Aug 2019 20:52

Instrument :
MSVOA_W
ClientSampled :
1S-J(1)

Tot Ion:117 Resp: 291831
Ion Ratio Lower Upper
117 100
82 61.1 47.9 71.9
119 32.4 26.2 39.2

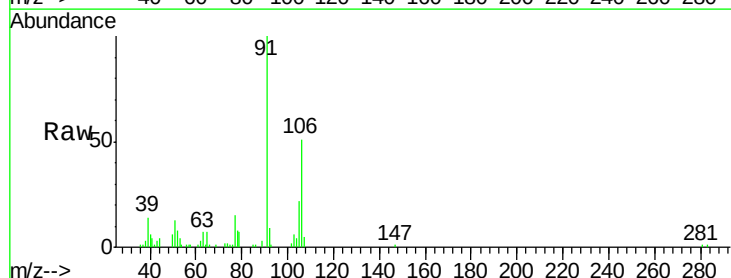


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

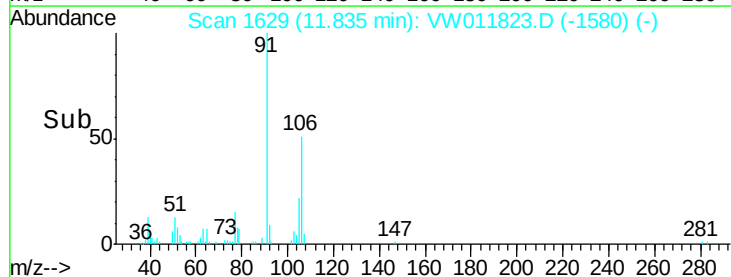
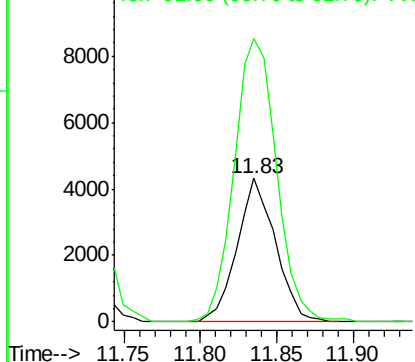


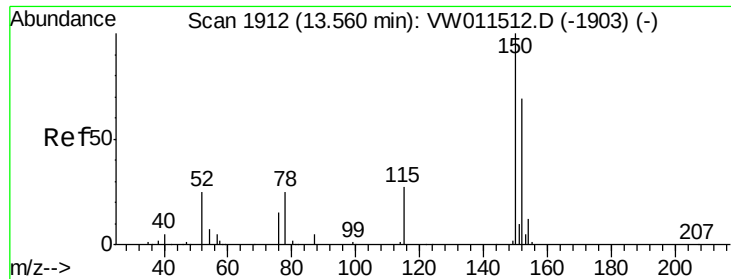
#68
m/p-Xylenes
Concen: 1.851 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW011823.D
Acq: 09 Aug 2019 20:52

Tgt Ion:106 Resp: 7524
Ion Ratio Lower Upper
106 100
91 217.9 168.2 252.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW011823.D
 Acq: 09 Aug 2019 20:52

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J(1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.5	91.5
150	155.9	0.0	352.6

