

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010494.D
 Acq On : 21 May 2019 18:16
 Operator : SY/VA
 Sample : K2971-07
 Misc : 5.35G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-2A-G-7-052019

Quant Time: May 22 07:33:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

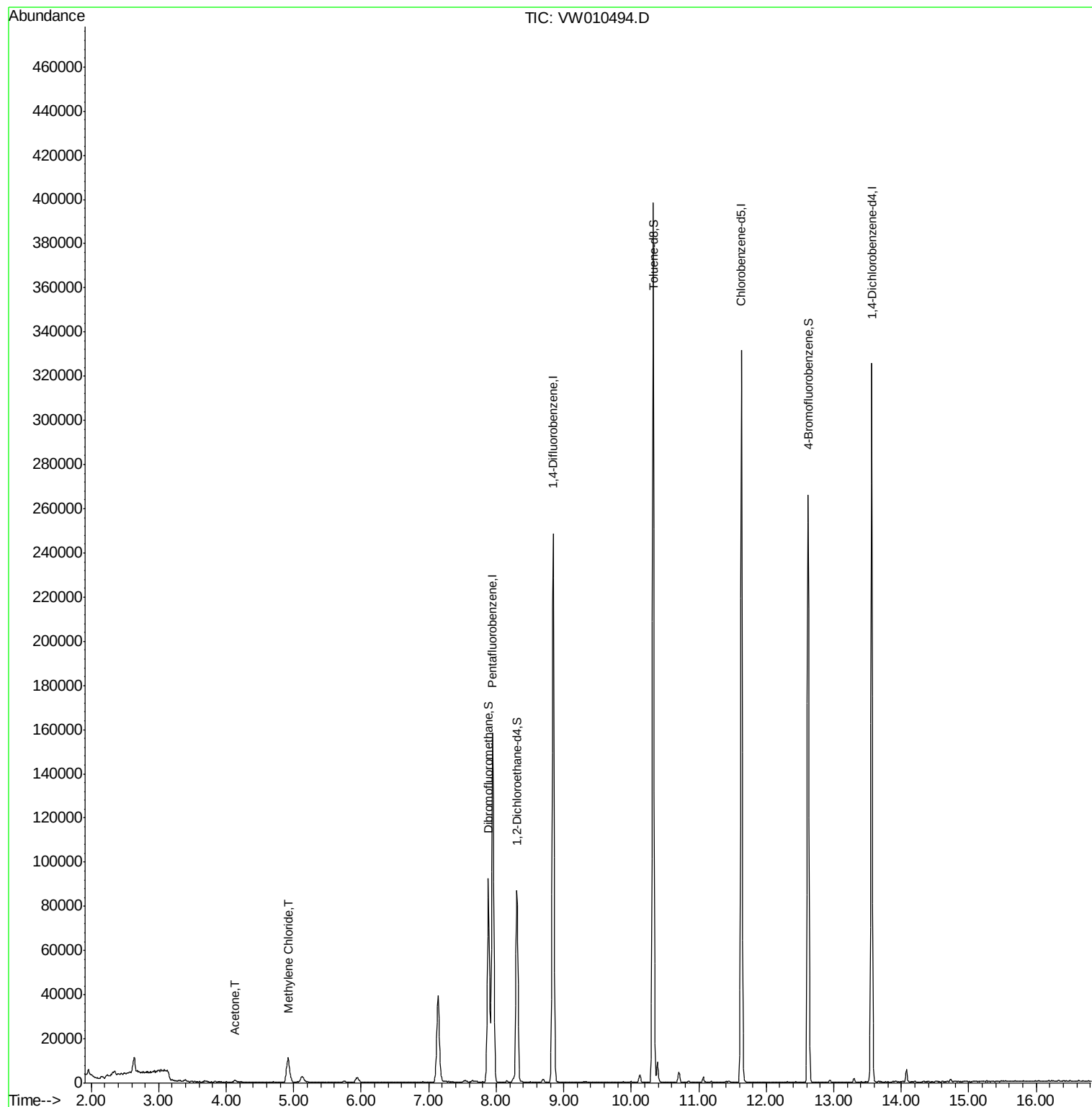
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	219362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	192693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	69167	58.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.70%	
35) Dibromofluoromethane	7.88	113	67123	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.32	98	269655	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	98446	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
Target Compounds						
16) Acetone	4.13	43	1654	6.836	ug/l #	87
20) Methylene Chloride	4.92	84	8886	1.322	ug/l	95

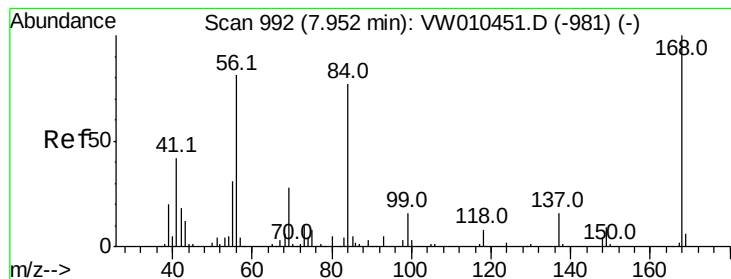
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010494.D

Acq: 21 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

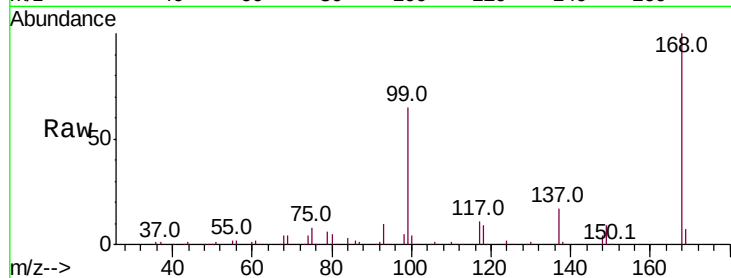
SUP-2A-G-7-052019

Tot Ion:168 Resp: 114843

Ion Ratio Lower Upper

168 100

99 64.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

50000

40000

30000

20000

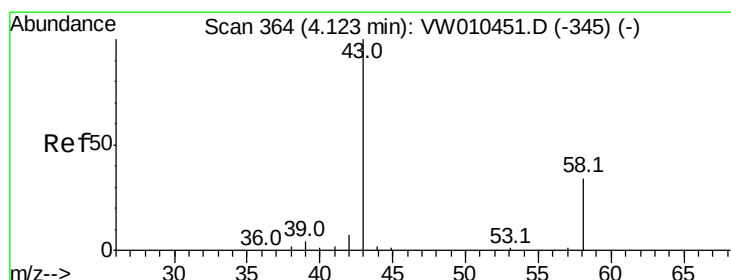
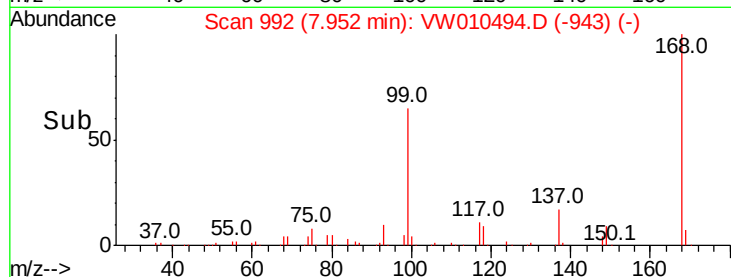
10000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 6.836 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010494.D

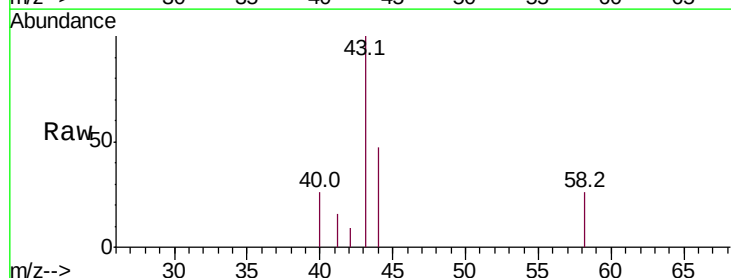
Acq: 21 May 2019 18:16

Tgt Ion: 43 Resp: 1654

Ion Ratio Lower Upper

43 100

58 26.5 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

400

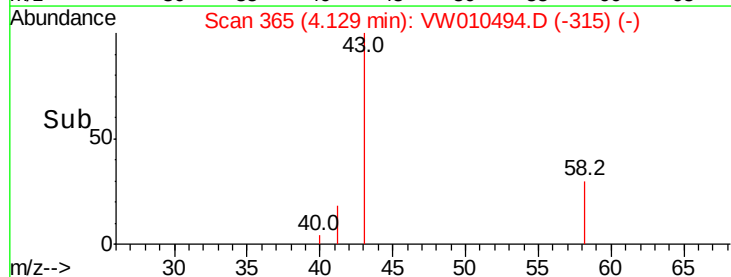
200

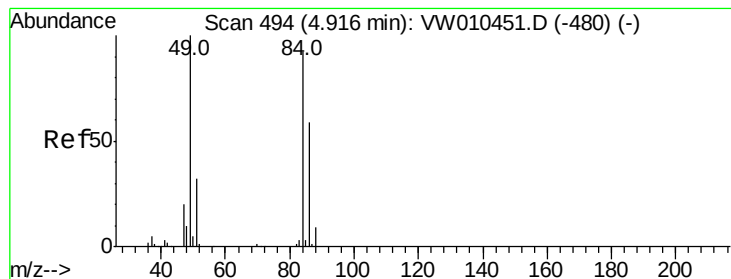
0

4.10

4.20

Time-->





#20

Methylene Chloride

Concen: 1.322 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010494.D

Acq: 21 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-7-052019

Tot Ion: 84 Resp: 8886

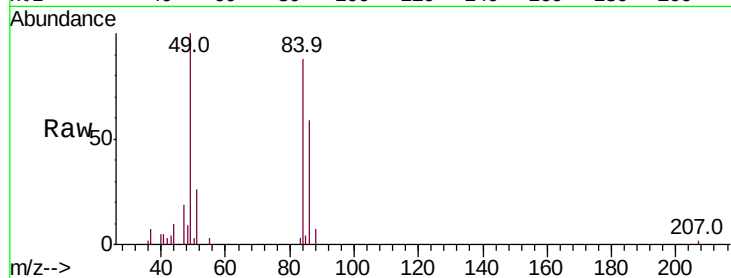
Ion Ratio Lower Upper

84 100

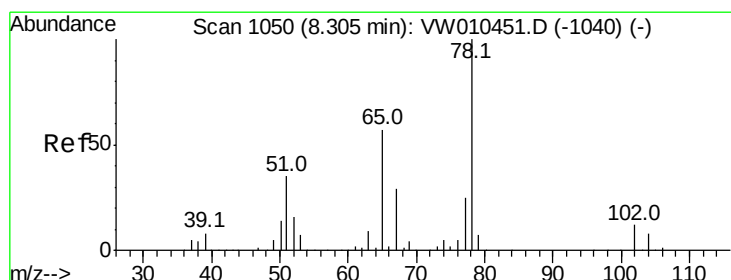
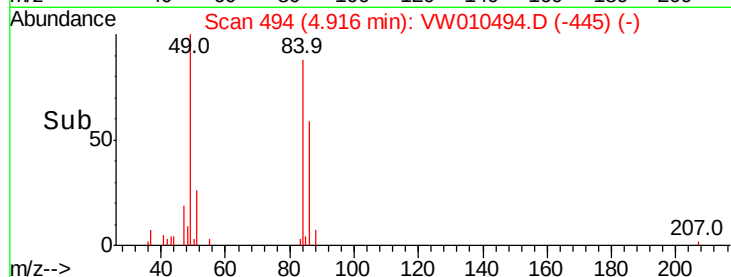
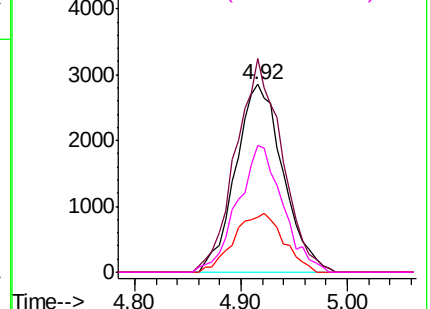
49 113.8 87.2 130.8

51 29.4 27.7 41.5

86 67.6 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VW
 5000 Ion 48.90 (48.60 to 49.60): VW
 4000 Ion 50.90 (50.60 to 51.60): VW
 3000 Ion 85.90 (85.60 to 86.60): VW
 2000
 1000
 0



#33

1,2-Dichloroethane-d4

Concen: 58.350 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010494.D

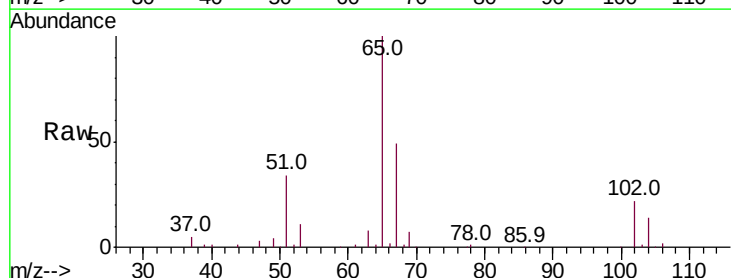
Acq: 21 May 2019 18:16

Tgt Ion: 65 Resp: 69167

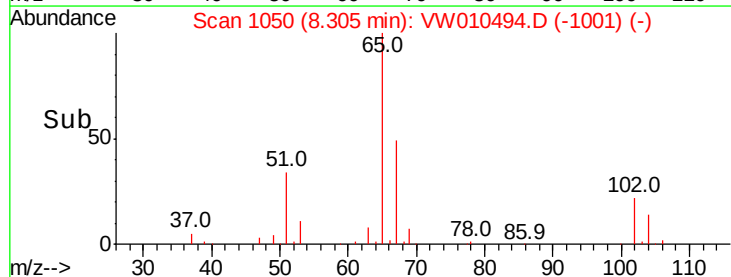
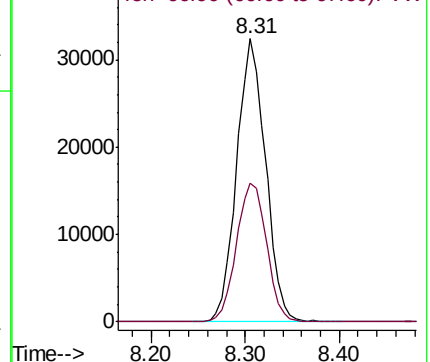
Ion Ratio Lower Upper

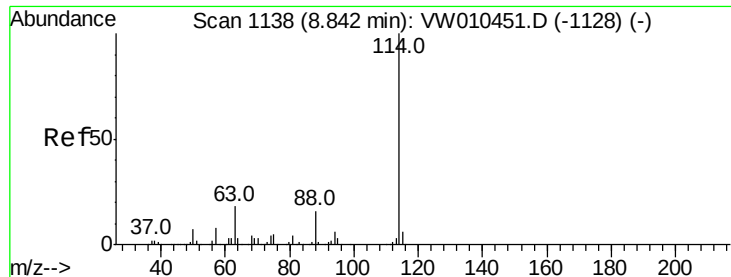
65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW
 30000 Ion 66.90 (66.60 to 67.60): VW
 20000
 10000
 0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010494.D

Acq: 21 May 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

SUP-2A-G-7-052019

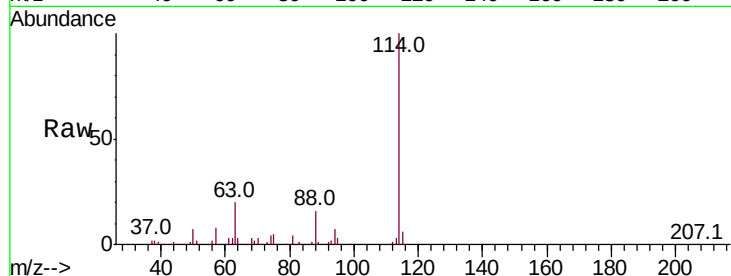
Tot Ion:114 Resp: 219362

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.0

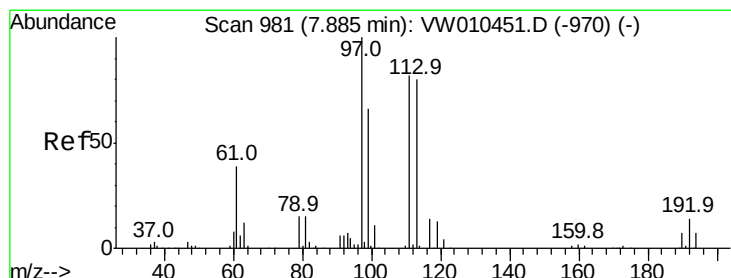
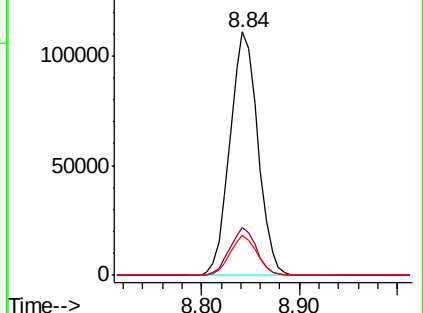
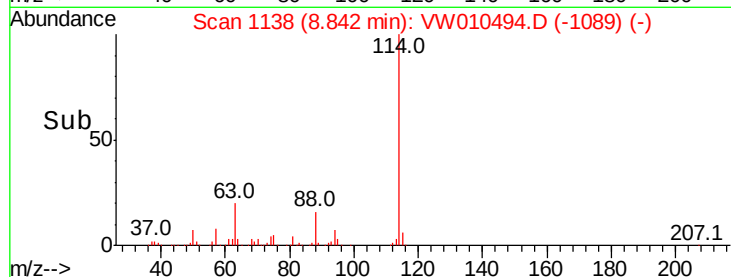
88 16.3 0.0 32.0



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: 50.429 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010494.D

Acq: 21 May 2019 18:16

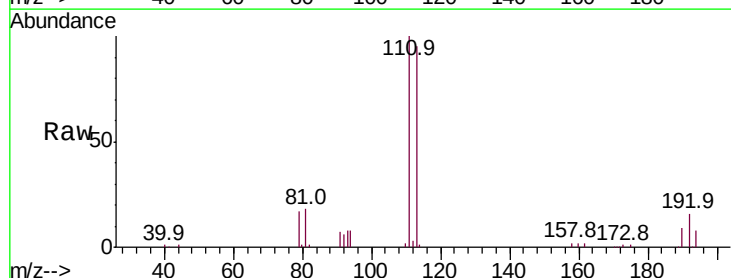
Tgt Ion:113 Resp: 67123

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

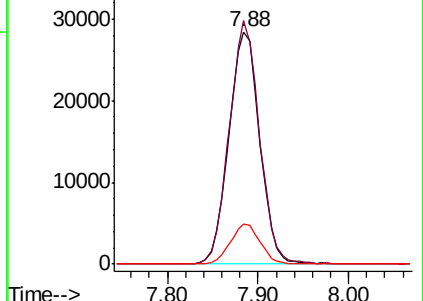
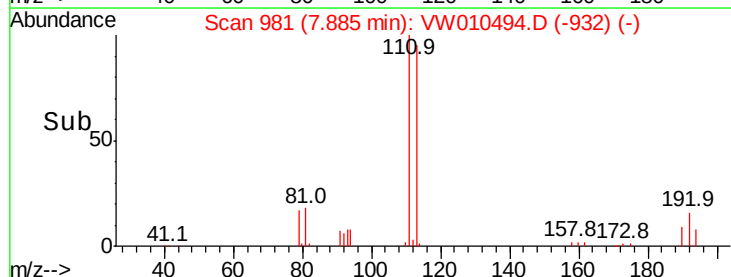
192 16.7 14.3 21.5

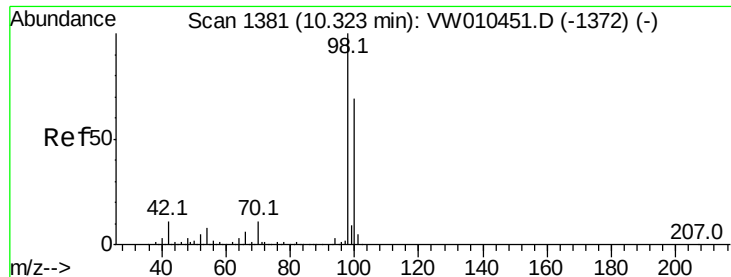


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

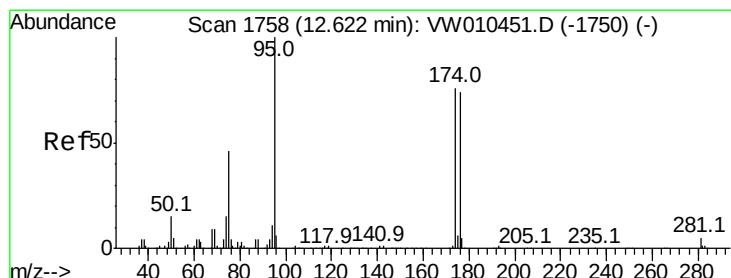
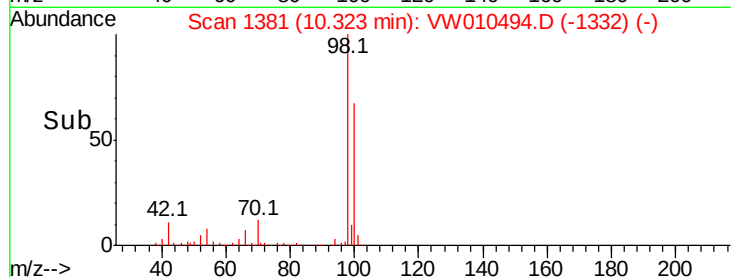
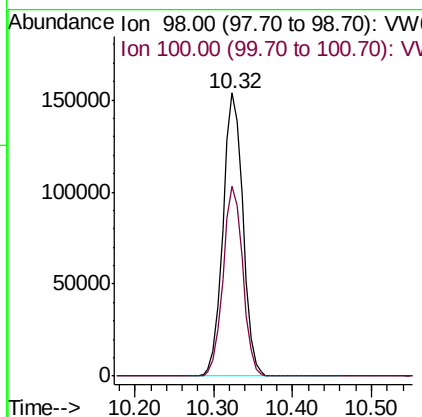
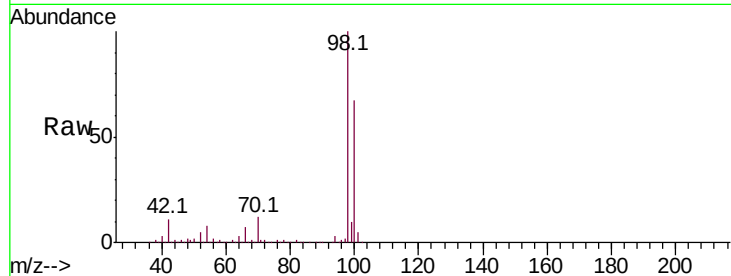




#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010494.D
Acq: 21 May 2019 18:16

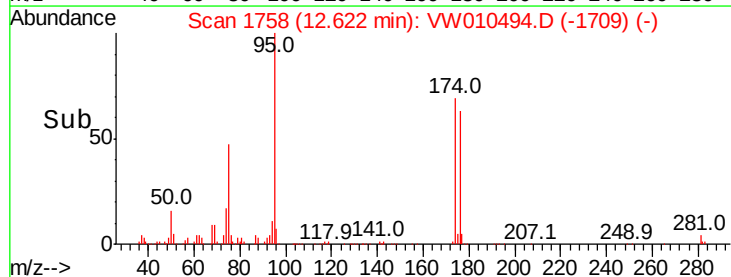
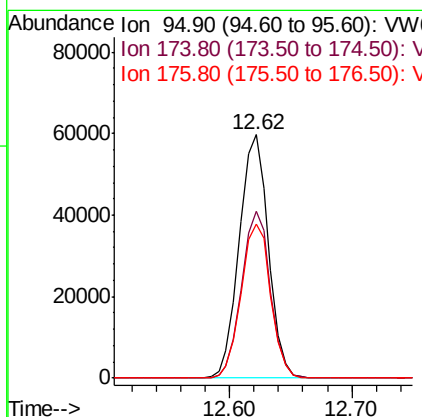
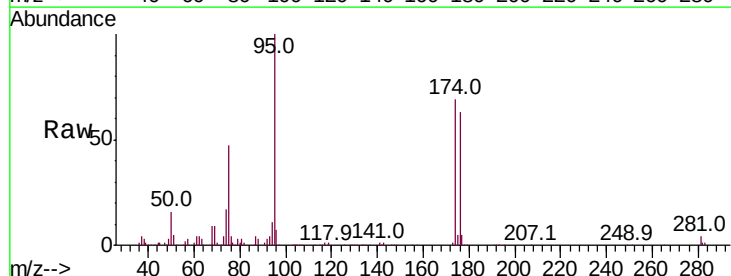
Instrument :
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SUP-2A-G-7-052019

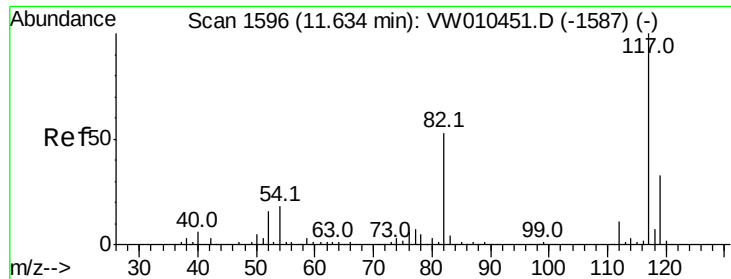
Tot Ion: 98 Resp: 269655
Ion Ratio Lower Upper
98 100
100 66.5 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 48.606 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010494.D
Acq: 21 May 2019 18:16

Tgt Ion: 95 Resp: 98446
Ion Ratio Lower Upper
95 100
174 67.7 0.0 148.6
176 64.4 0.0 144.2

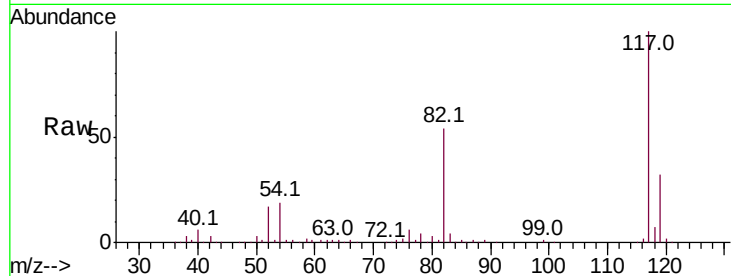




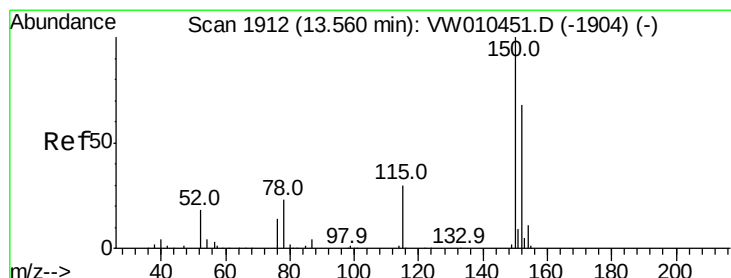
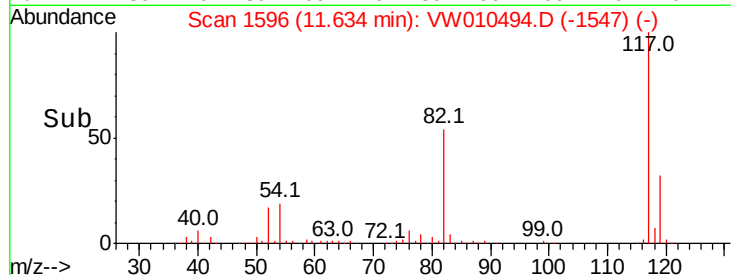
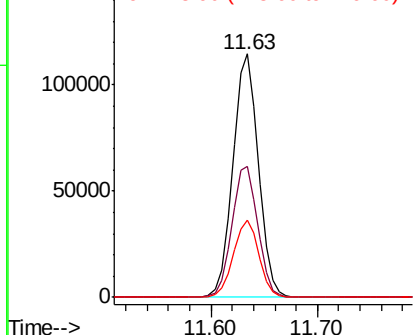
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010494.D
Acq: 21 May 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
SUP-2A-G-7-052019

Tot Ion:117 Resp: 192693
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 32.0 26.3 39.5

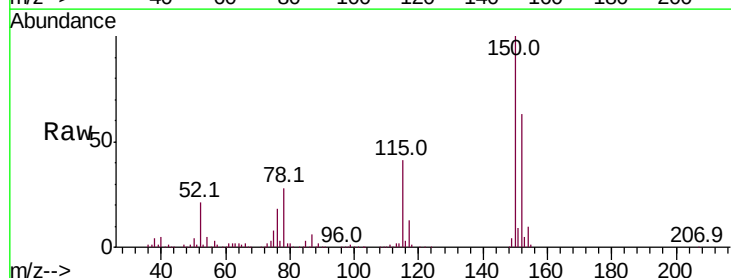


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010494.D
Acq: 21 May 2019 18:16

Tgt Ion:152 Resp: 84203
Ion Ratio Lower Upper
152 100
115 63.2 30.3 91.0
150 155.7 0.0 349.8



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

