

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010643.D
 Acq On : 31 May 2019 18:14
 Operator : SY/VA
 Sample : K3097-20
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0440-PR-3(PASSAIC)

Quant Time: Jun 01 05:53:58 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

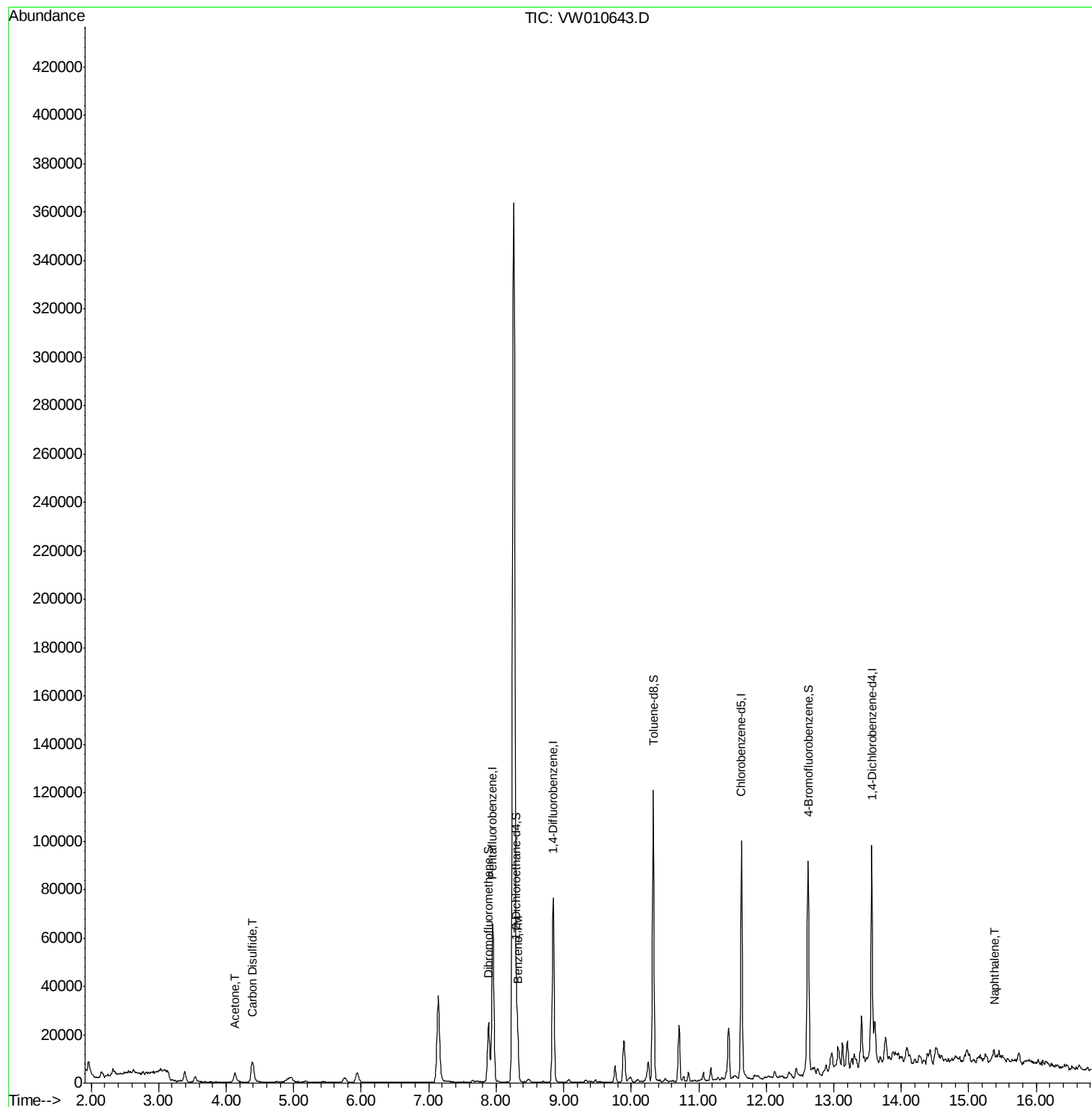
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	51046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	71175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	57768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	24440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18841	35.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.52%	
35) Dibromofluoromethane	7.88	113	18317	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	
50) Toluene-d8	10.32	98	83475	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	27864	42.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.80%	
Target Compounds						
16) Acetone	4.12	43	7009	65.171	ug/l	97
17) Carbon Disulfide	4.38	76	6941	4.316	ug/l	95
40) Benzene	8.32	78	3613	1.961	ug/l	94
95) Naphthalene	15.37	128	4630	4.178	ug/l #	91

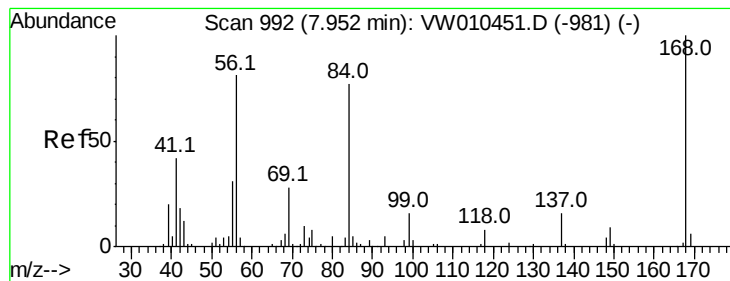
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010643.D

Acq: 31 May 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

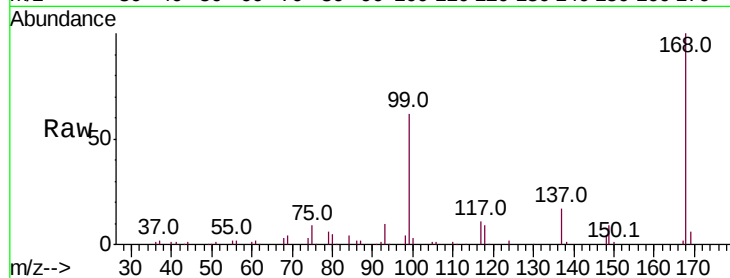
0440-PR-3(PASSAIC)

Tot Ion:168 Resp: 51046

Ion Ratio Lower Upper

168 100

99 62.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

10000

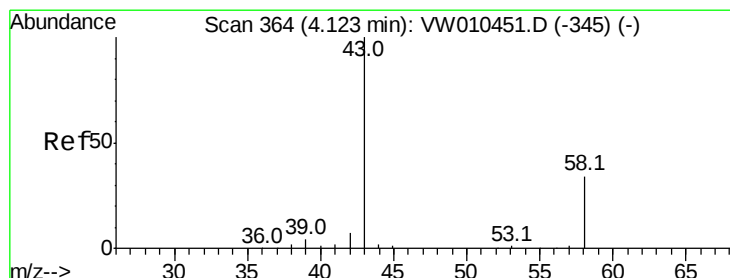
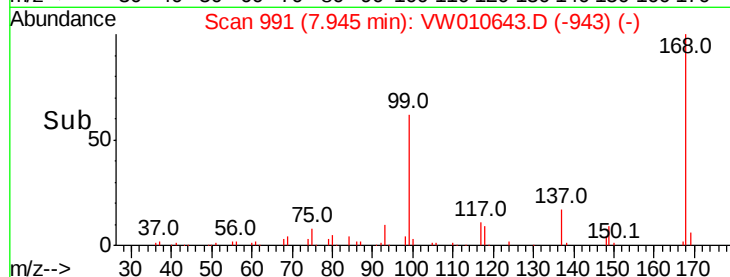
5000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 65.171 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010643.D

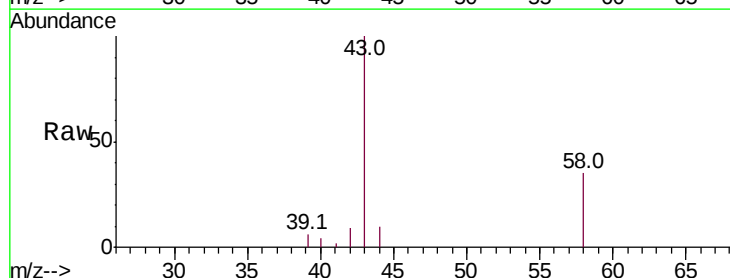
Acq: 31 May 2019 18:14

Tgt Ion: 43 Resp: 7009

Ion Ratio Lower Upper

43 100

58 35.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

3000

2500

2000

1500

1000

500

0

Time-->

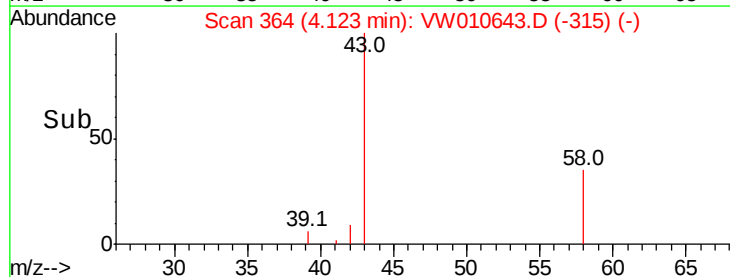
4.05

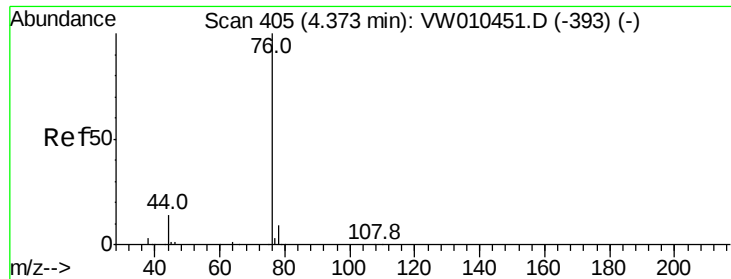
4.10

4.15

4.20

4.25





#17

Carbon Disulfide

Concen: 4.316 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010643.D

Acq: 31 May 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

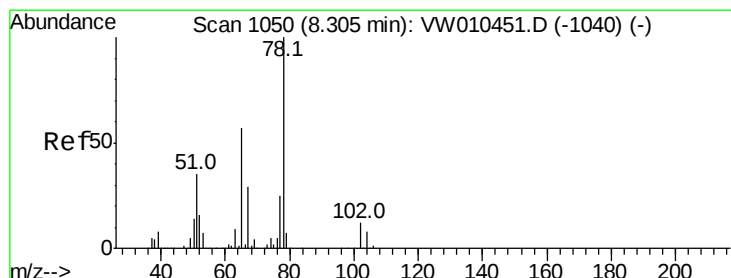
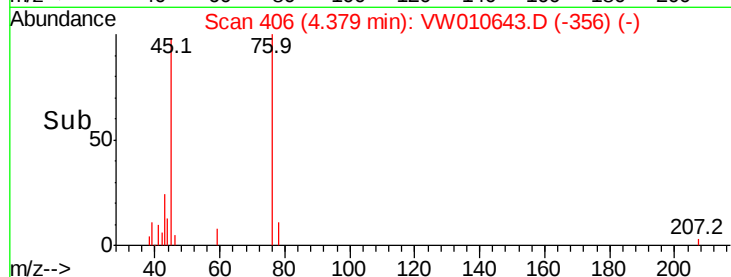
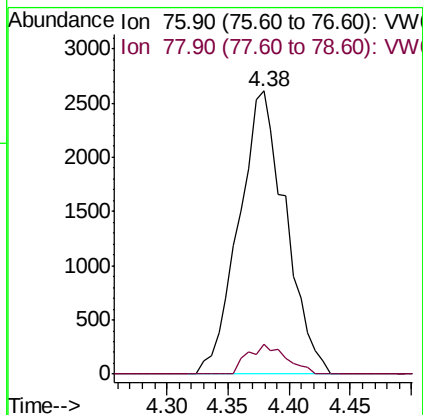
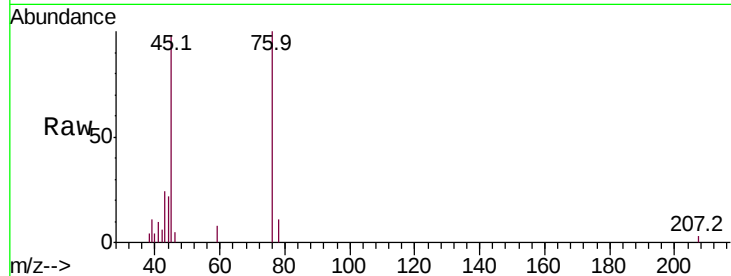
0440-PR-3(PASSAIC)

Tot Ion: 76 Resp: 6941

Ion Ratio Lower Upper

76 100

78 10.7 7.1 10.7



#33

1,2-Dichloroethane-d4

Concen: 35.759 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010643.D

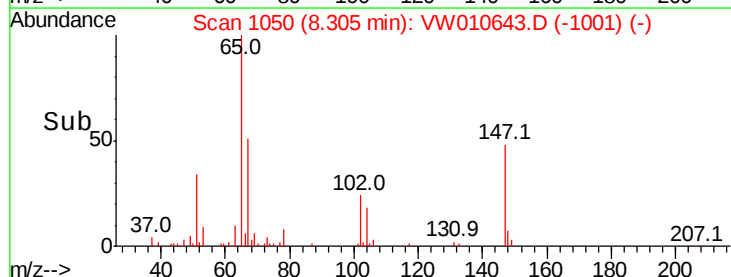
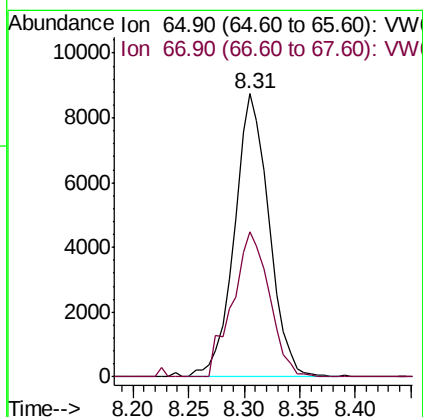
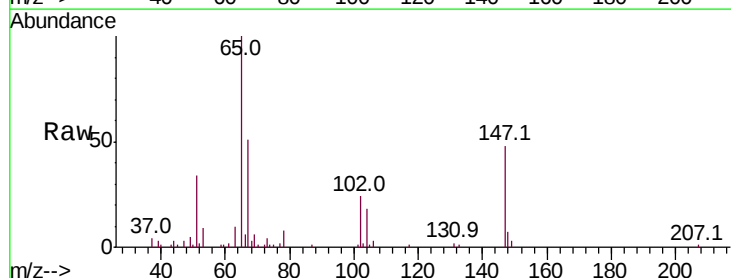
Acq: 31 May 2019 18:14

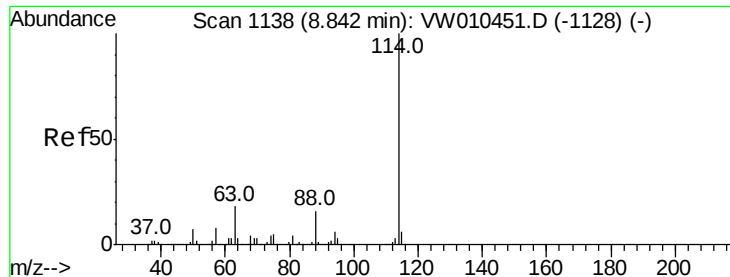
Tgt Ion: 65 Resp: 18841

Ion Ratio Lower Upper

65 100

67 54.5 0.0 103.6

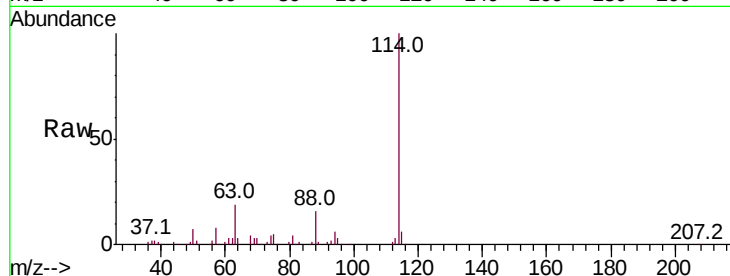




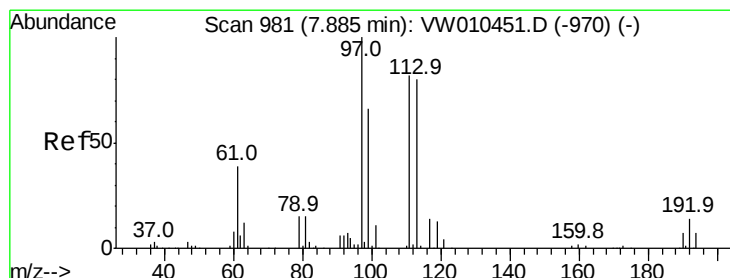
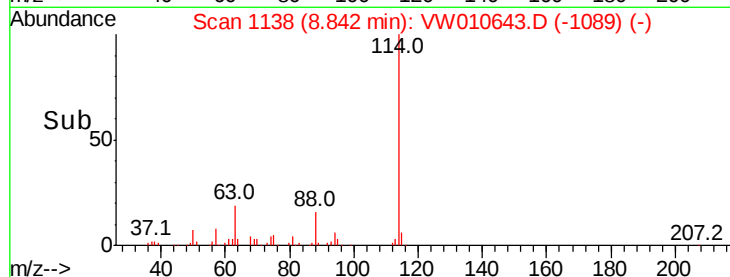
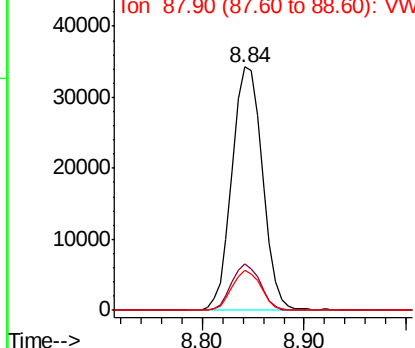
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010643.D
Acq: 31 May 2019 18:14

Instrument :
MSVOA_W
ClientSampleId :
0440-PR-3(PASSAIC)

Tot Ion:114 Resp: 71175
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.0
88 16.4 0.0 32.0

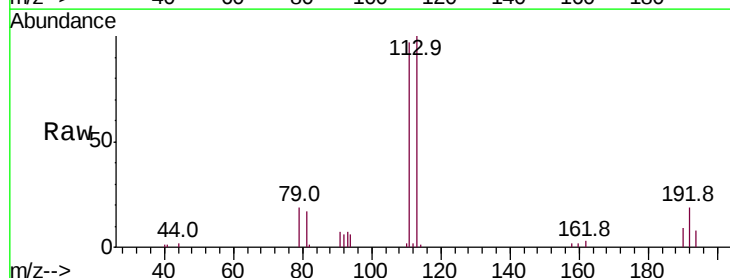


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

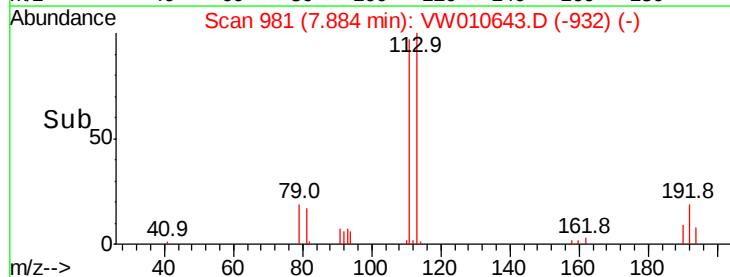
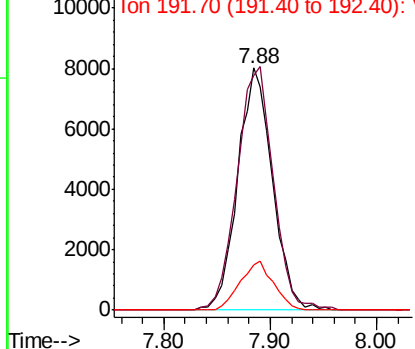


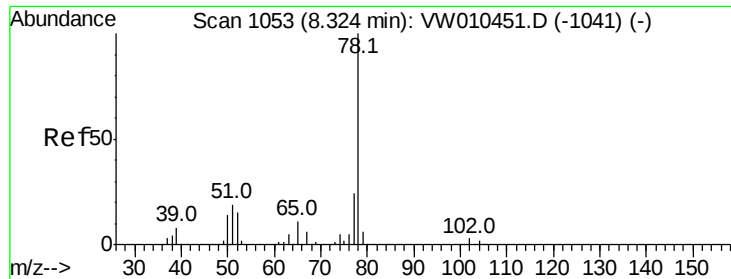
#35
Dibromofluoromethane
Concen: 42.413 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010643.D
Acq: 31 May 2019 18:14

Tgt Ion:113 Resp: 18317
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 19.4 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





#40

Benzene

Concen: 1.961 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010643.D

Acq: 31 May 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

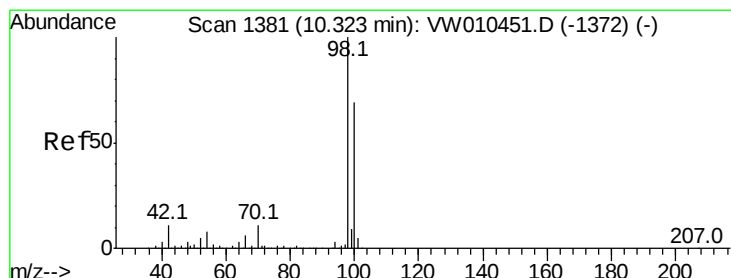
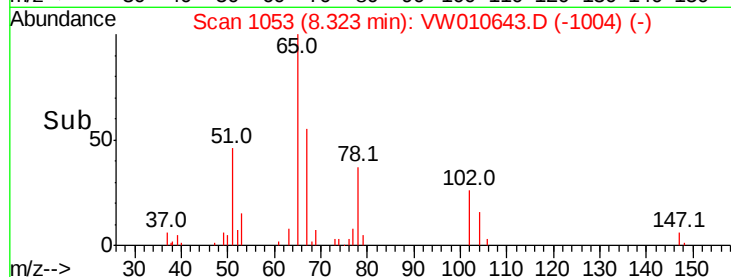
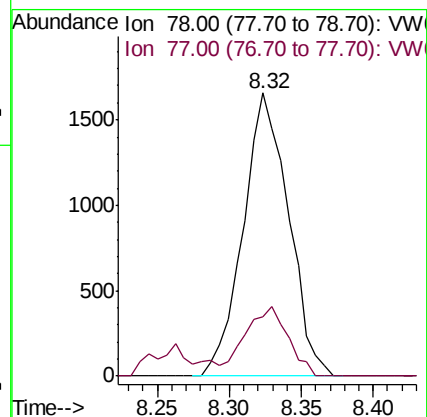
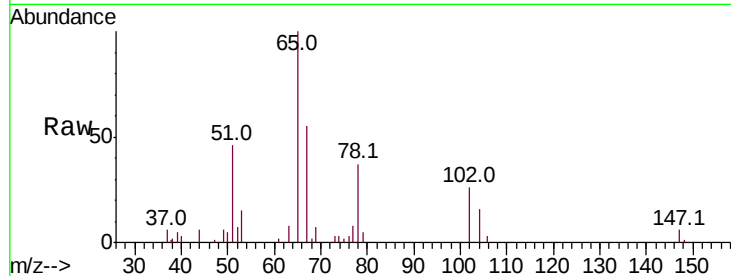
0440-PR-3(PASSAIC)

Tot Ion: 78 Resp: 3613

Ion Ratio Lower Upper

78 100

77 20.8 18.9 28.3



#50

Toluene-d8

Concen: 50.595 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010643.D

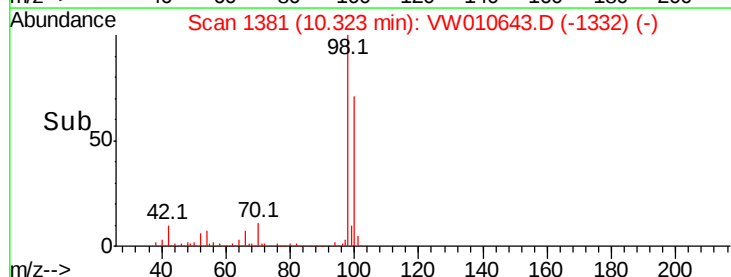
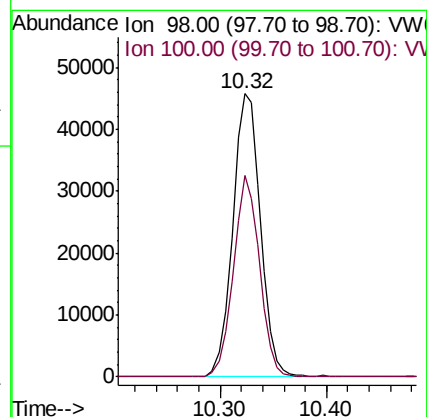
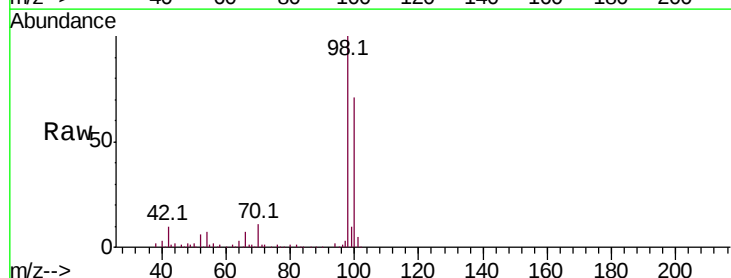
Acq: 31 May 2019 18:14

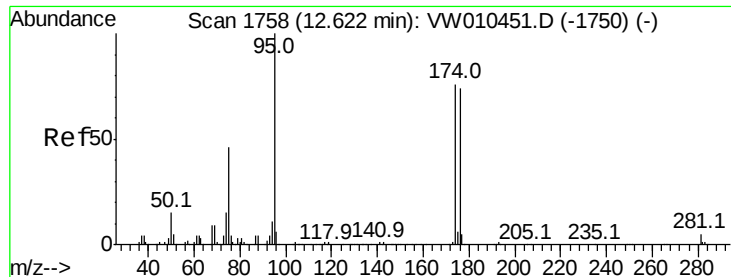
Tgt Ion: 98 Resp: 83475

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5

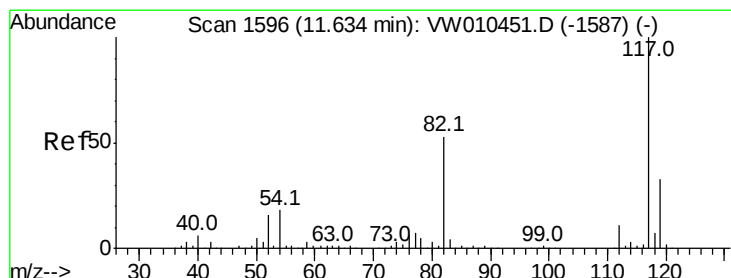
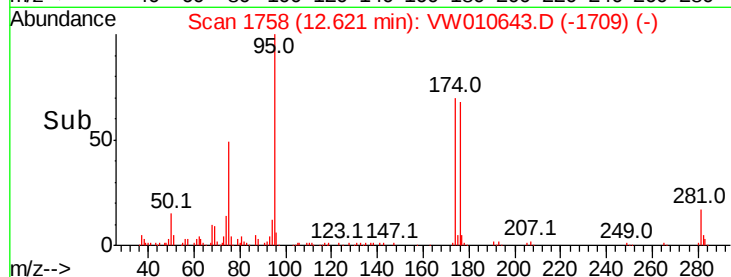
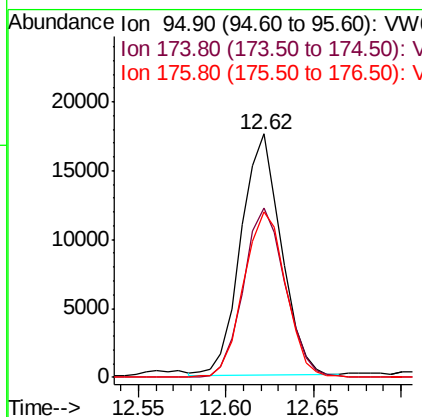
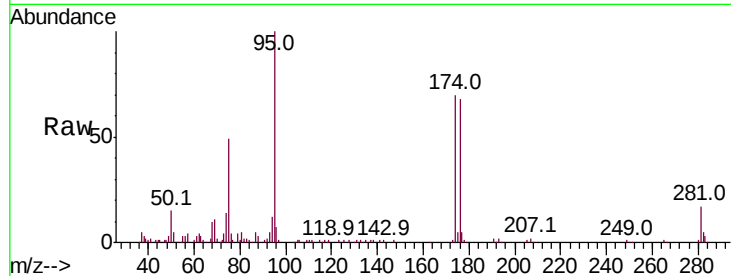




#62
4-Bromofluorobenzene
Concen: 42.400 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010643.D
Acq: 31 May 2019 18:14

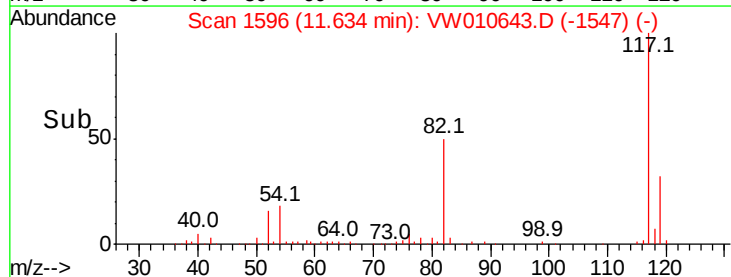
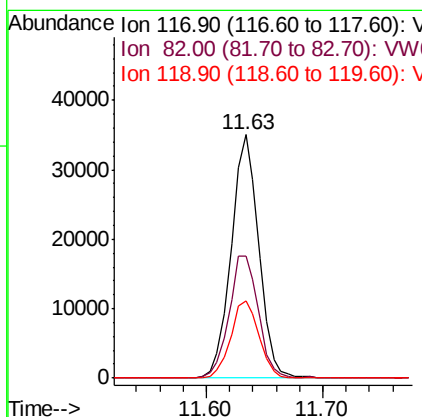
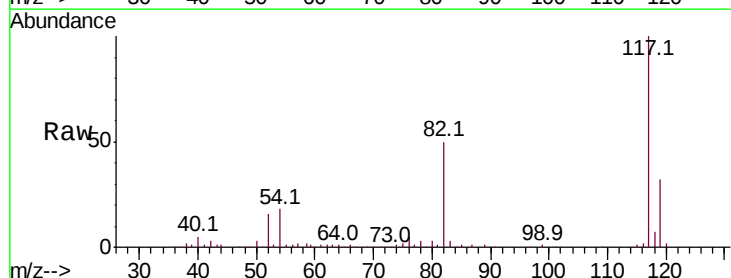
Instrument :
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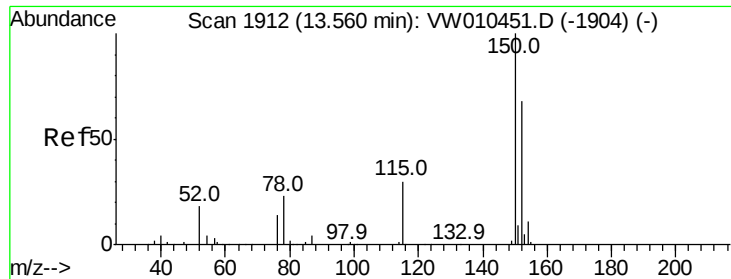
Tot Ion: 95 Resp: 27864
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.6
176 72.2 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010643.D
Acq: 31 May 2019 18:14

Tgt Ion: 117 Resp: 57768
Ion Ratio Lower Upper
117 100
82 50.3 42.8 64.2
119 31.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010643.D

Acq: 31 May 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

0440-PR-3(PASSAIC)

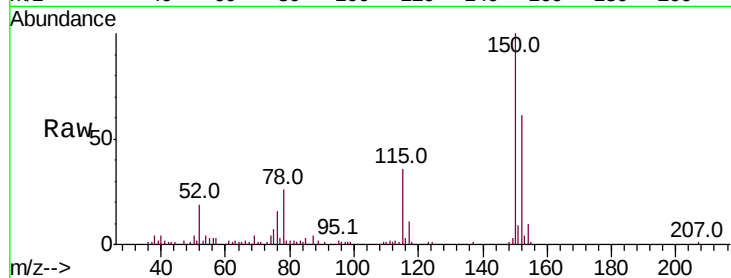
Tot Ion:152 Resp: 24440

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

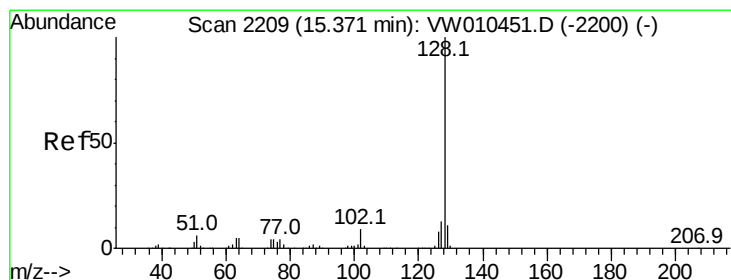
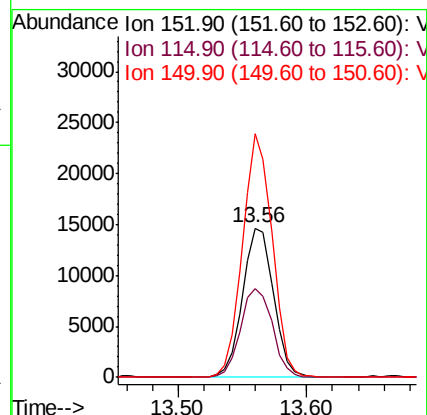
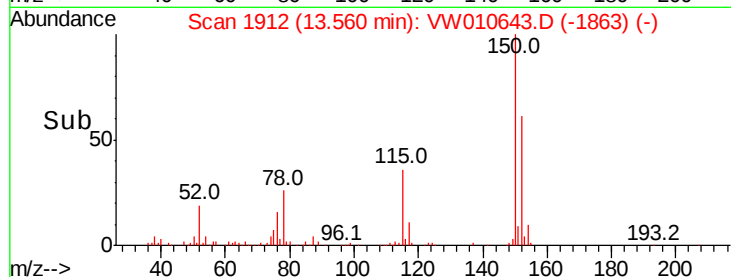
150 154.8 0.0 349.8



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



#95

Naphthalene

Concen: 4.178 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010643.D

Acq: 31 May 2019 18:14

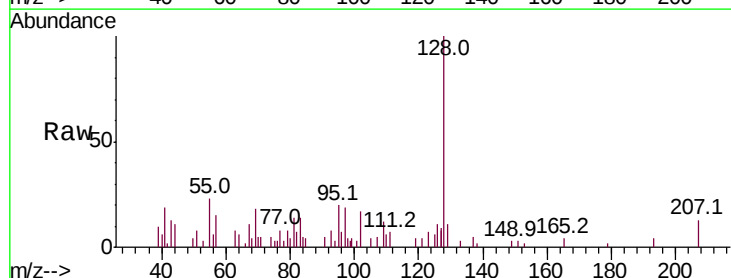
Tgt Ion:128 Resp: 4630

Ion Ratio Lower Upper

128 100

127 16.9 10.6 15.8#

129 14.1 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

