

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016307.D
 Acq On : 21 Aug 2020 15:46
 Operator : SY/VA
 Sample : L3734-02
 Misc : 6.91G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EROC-BF-1A

Quant Time: Aug 22 06:39:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

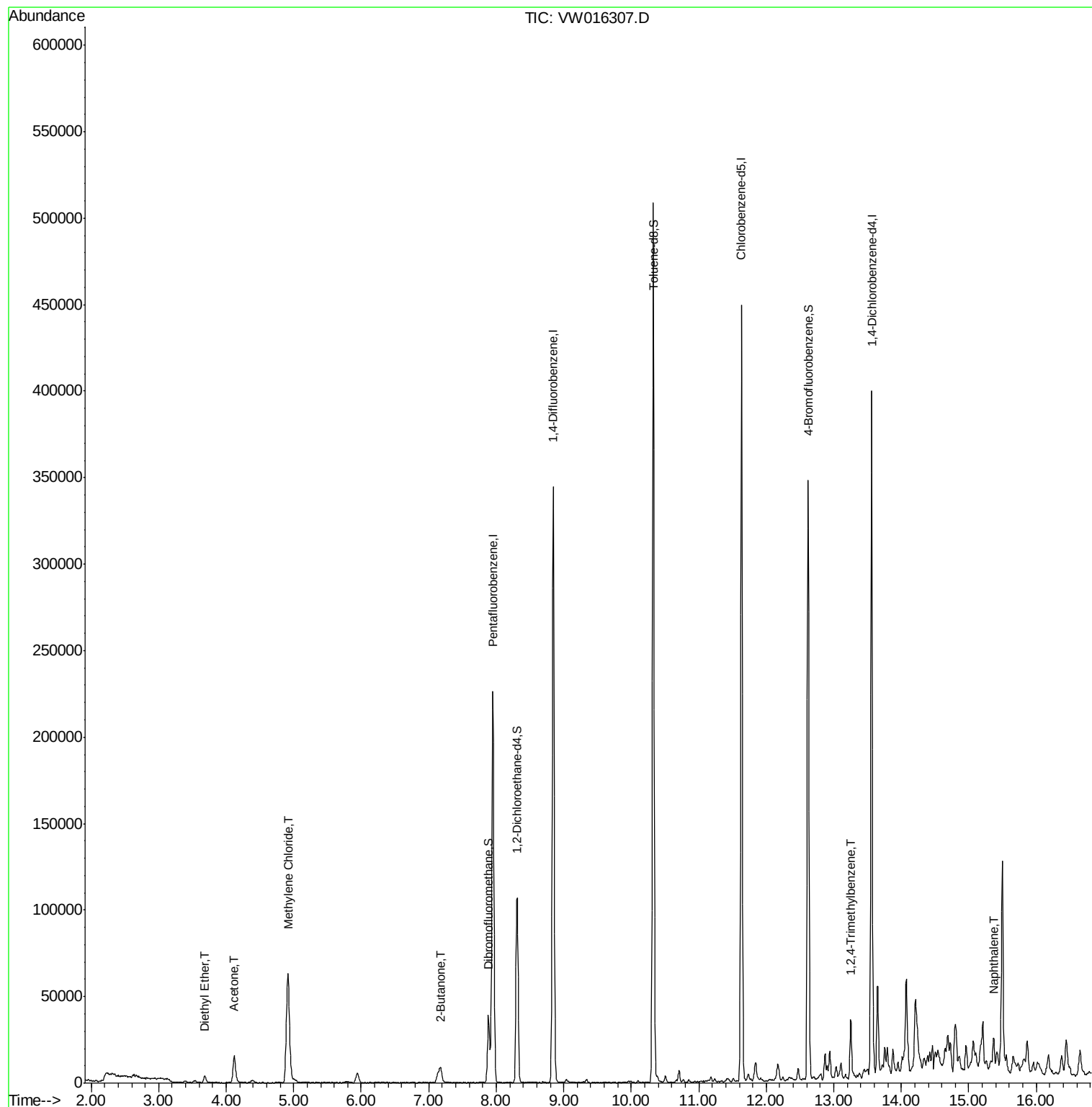
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86816	54.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.46%	
35) Dibromofluoromethane	7.88	113	29230	15.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	30.94%	
50) Toluene-d8	10.32	98	352579	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.62	95	119969	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
8) Diethyl Ether	3.68	74	2202	2.605	ug/l	95
16) Acetone	4.12	43	27094	88.349	ug/l	93
20) Methylene Chloride	4.91	84	55346	26.756	ug/l	89
25) 2-Butanone	7.18	43	13500	32.847	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	18858	2.727	ug/l	100
95) Naphthalene	15.37	128	16209	7.406	ug/l #	94

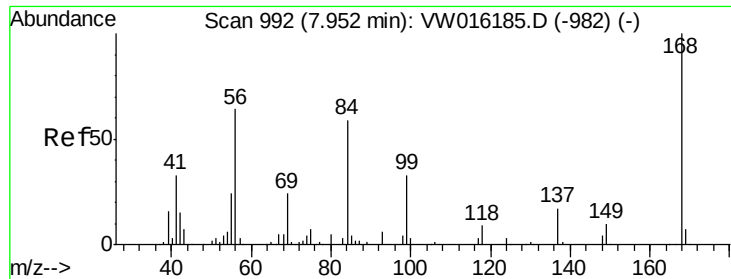
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082220\
Data File : VW016307.D
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016307.D

Acq: 21 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

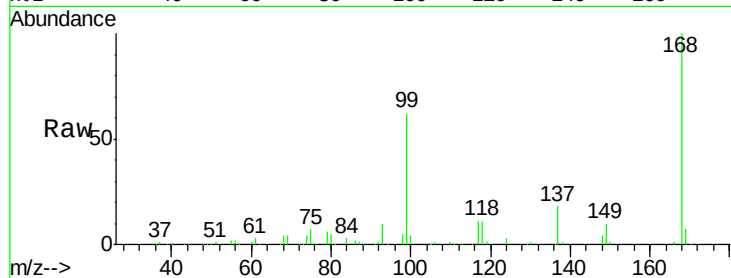
EROC-BF-1A

Tot Ion:168 Resp: 164155

Ion Ratio Lower Upper

168 100

99 61.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

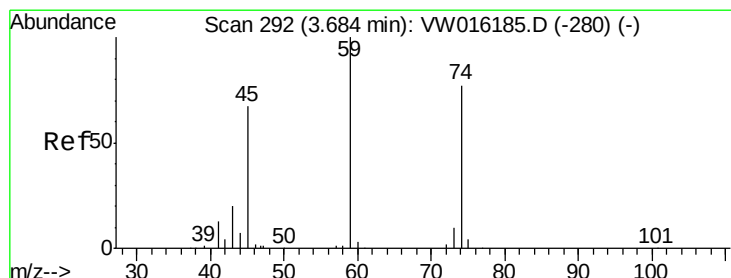
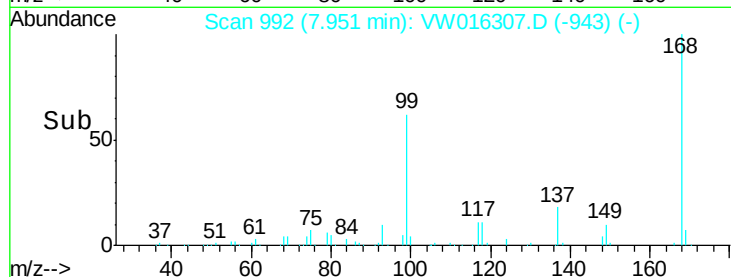
40000

20000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 2.605 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW016307.D

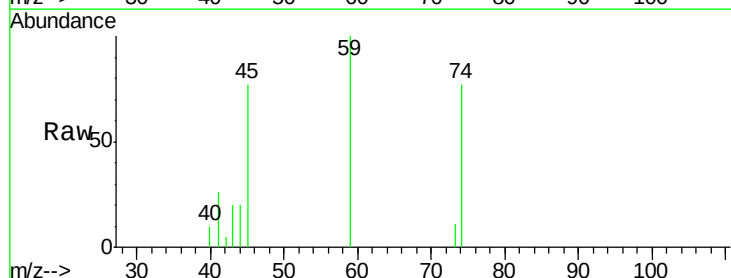
Acq: 21 Aug 2020 15:46

Tgt Ion: 74 Resp: 2202

Ion Ratio Lower Upper

74 100

45 96.3 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

600

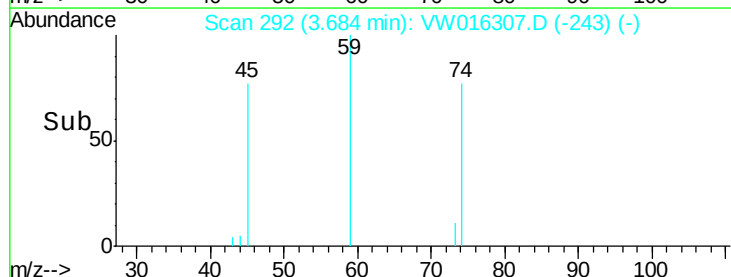
400

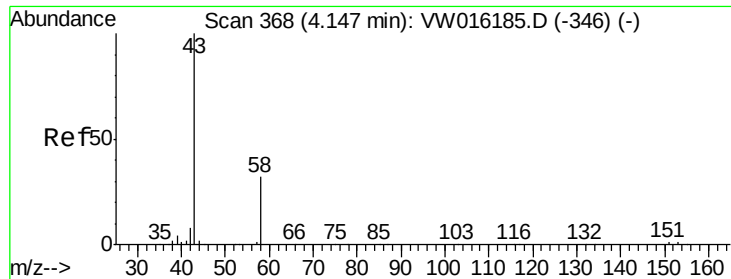
200

0

3.60 3.65 3.70 3.75

Time-->

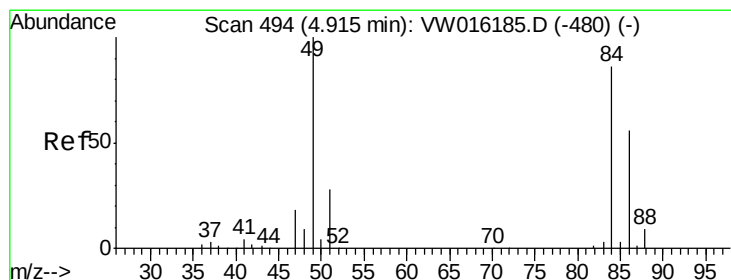
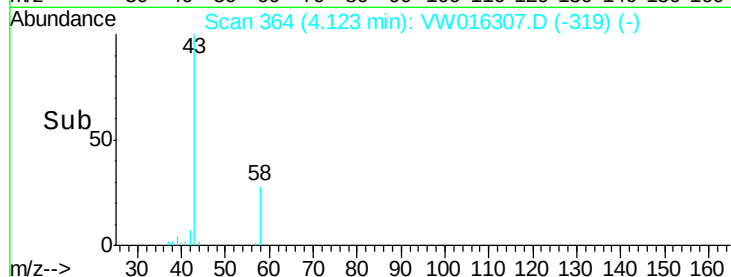
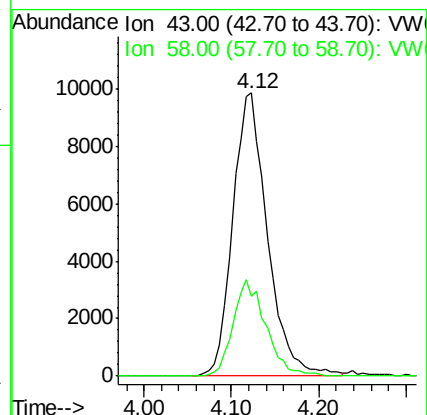
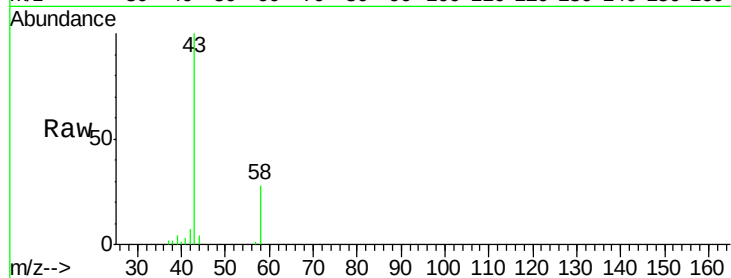




#16
Acetone
Concen: 88.349 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW016307.D
Acq: 21 Aug 2020 15:46

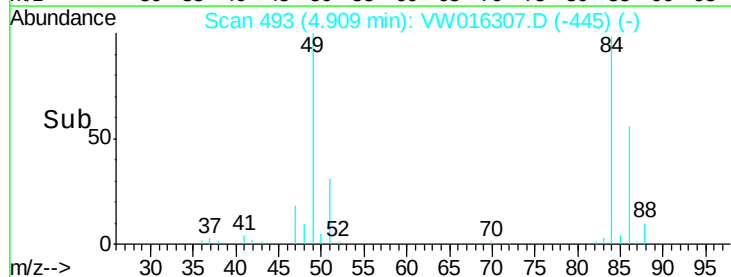
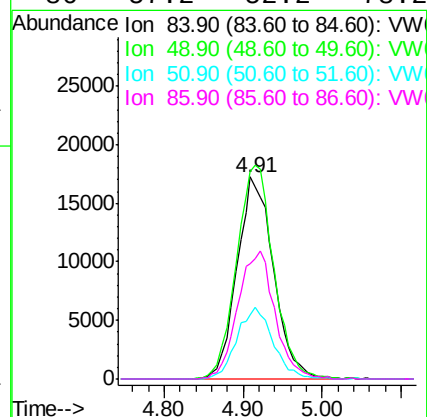
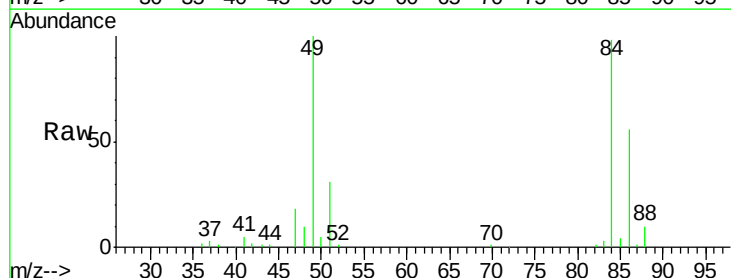
Instrument :
MSVOA_W
ClientSampleId :
EROC-BF-1A

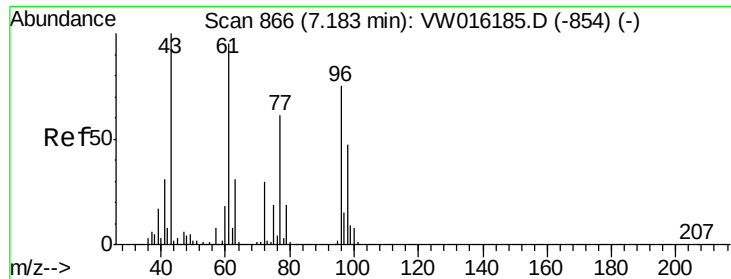
Tot Ion: 43 Resp: 27094
Ion Ratio Lower Upper
43 100
58 28.2 25.8 38.6



#20
Methylene Chloride
Concen: 26.756 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016307.D
Acq: 21 Aug 2020 15:46

Tgt Ion: 84 Resp: 55346
Ion Ratio Lower Upper
84 100
49 102.5 93.4 140.2
51 31.6 26.6 40.0
86 57.2 52.2 78.2





#25

2-Butanone

Concen: 32.847 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016307.D

Acq: 21 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

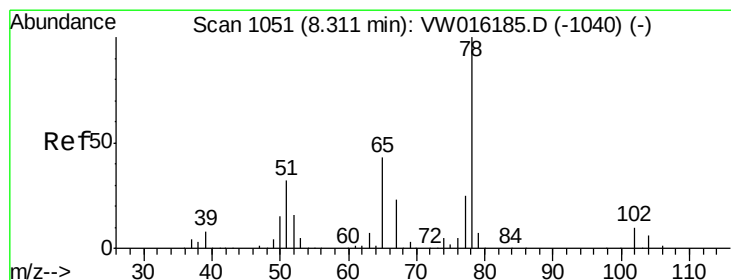
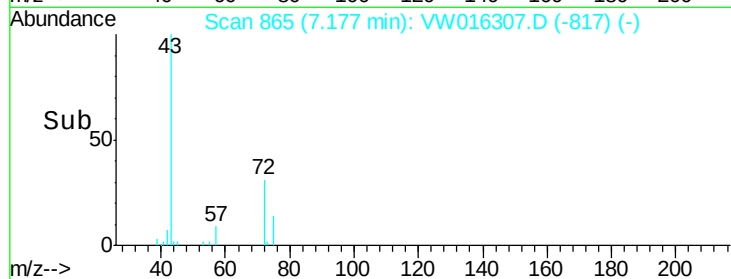
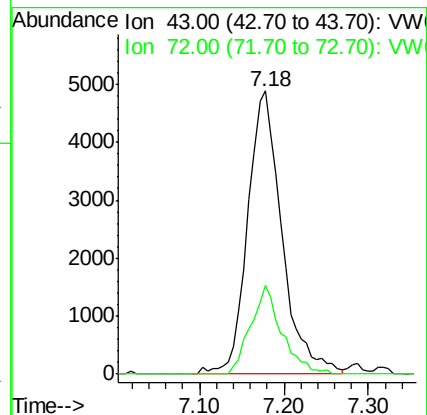
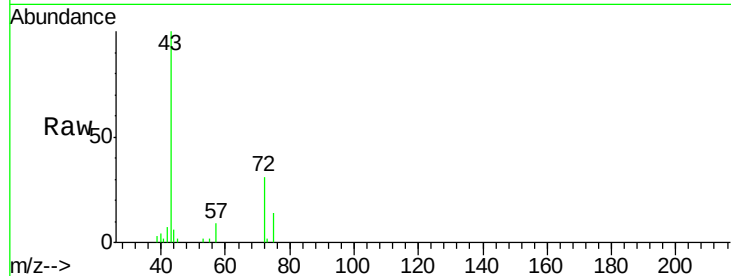
EROC-BF-1A

Tot Ion: 43 Resp: 13500

Ion Ratio Lower Upper

43 100

72 31.2 24.2 36.2



#33

1,2-Dichloroethane-d4

Concen: 54.232 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016307.D

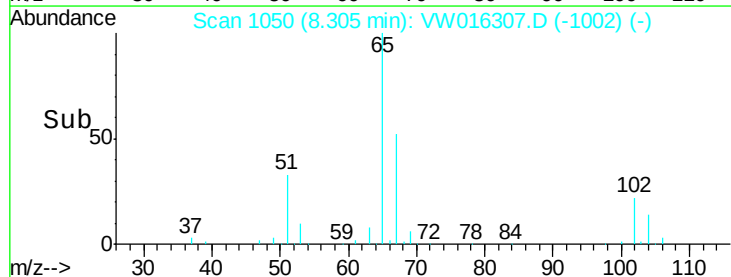
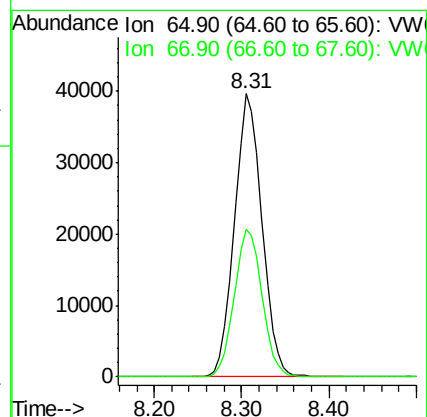
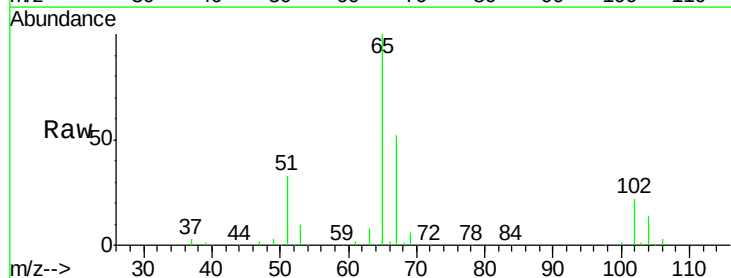
Acq: 21 Aug 2020 15:46

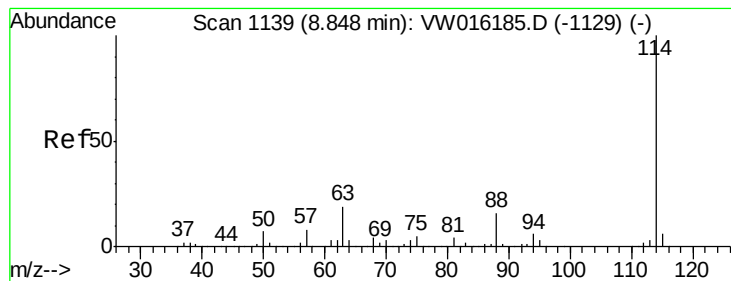
Tgt Ion: 65 Resp: 86816

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016307.D

Acq: 21 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

EROC-BF-1A

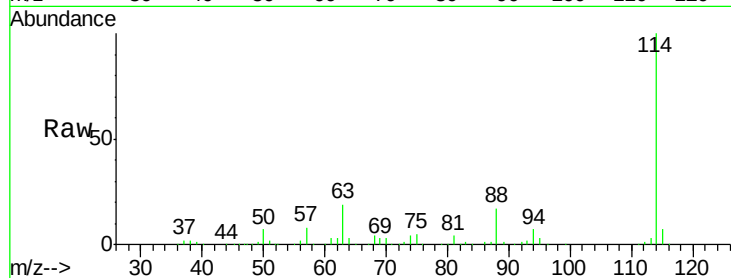
Tot Ion:114 Resp: 306305

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 16.8 0.0 32.8



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

8.84

150000

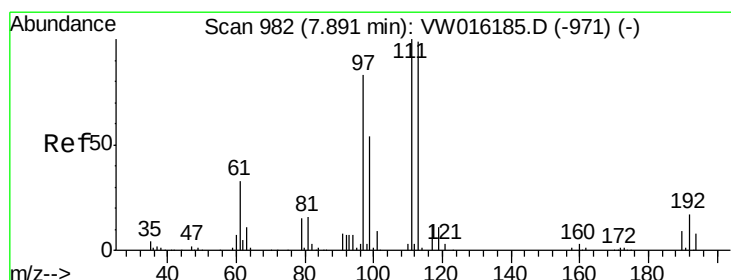
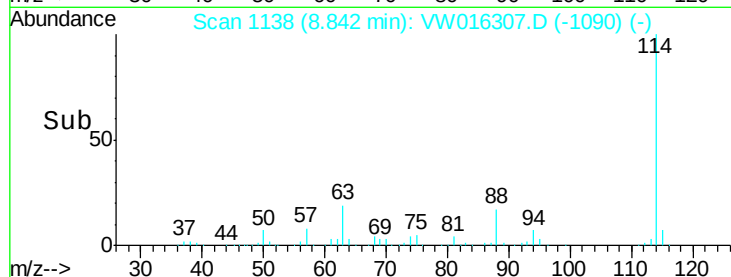
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 15.466 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016307.D

Acq: 21 Aug 2020 15:46

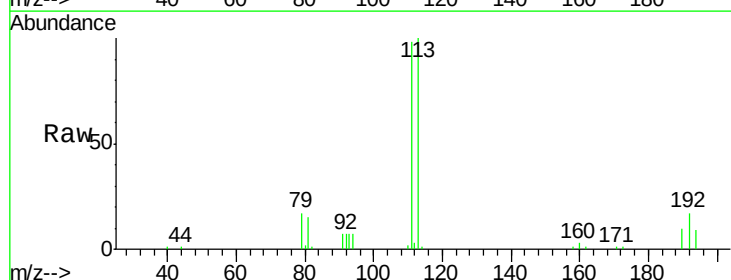
Tgt Ion:113 Resp: 29230

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

192 18.5 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

7.88

15000

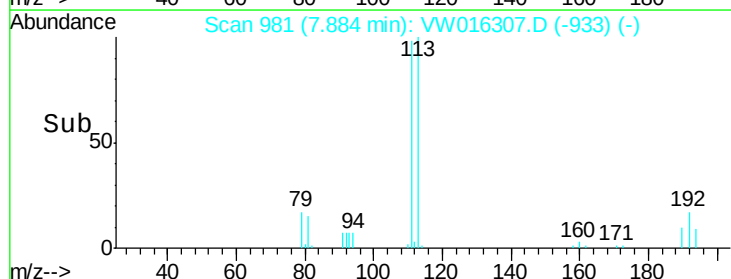
10000

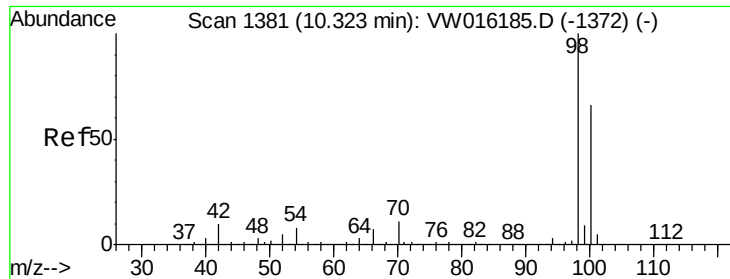
5000

0

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 48.196 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016307.D

Acq: 21 Aug 2020 15:46

Instrument :

MSVOA_W

ClientSampleId :

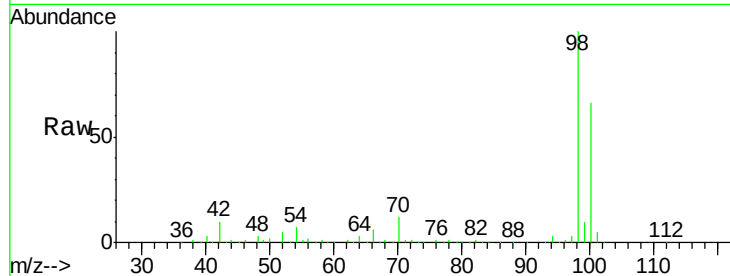
EROC-BF-1A

Tot Ion: 98 Resp: 352579

Ion Ratio Lower Upper

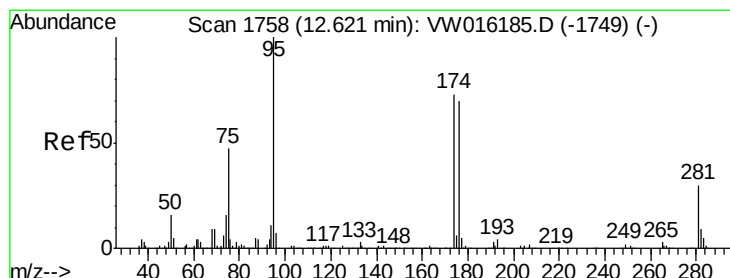
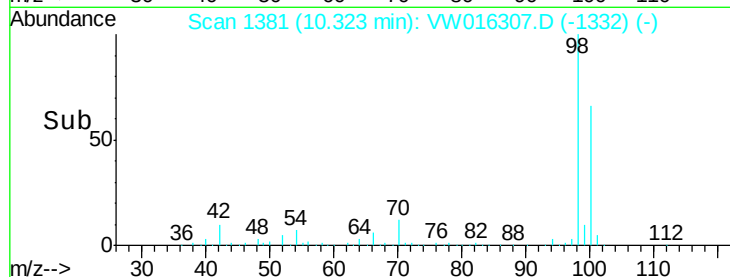
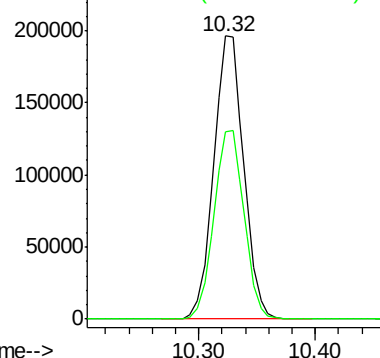
98 100

100 67.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.877 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016307.D

Acq: 21 Aug 2020 15:46

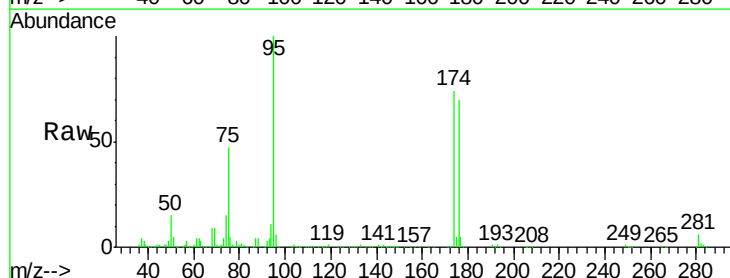
Tgt Ion: 95 Resp: 119969

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.6

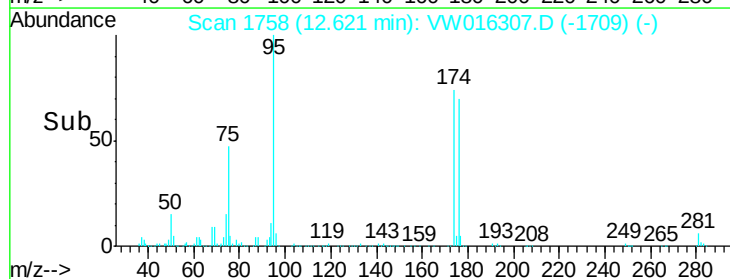
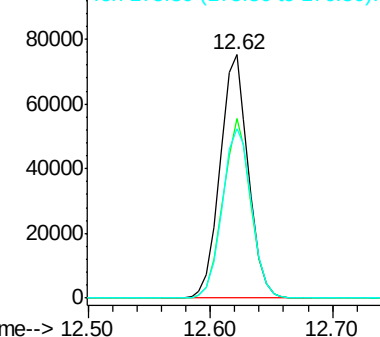
176 72.6 0.0 137.8

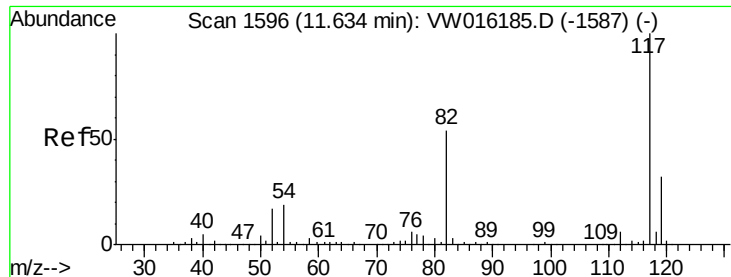


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

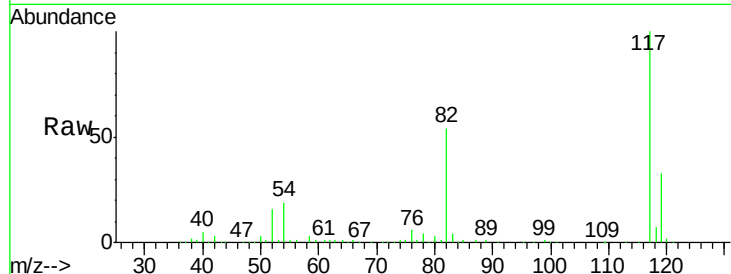




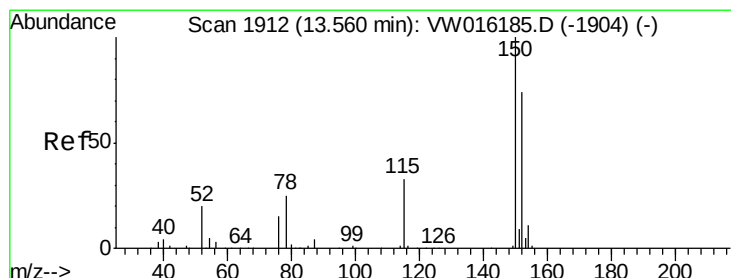
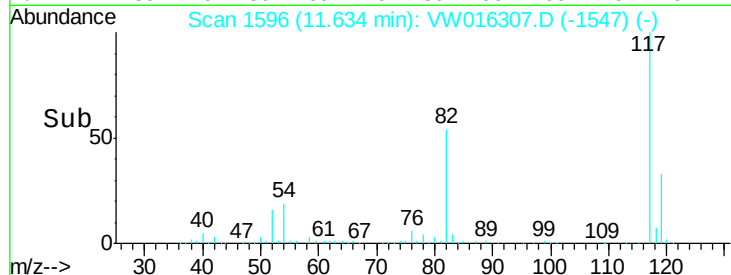
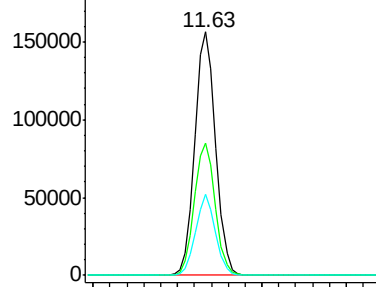
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016307.D
Acq: 21 Aug 2020 15:46

Instrument :
MSVOA_W
ClientSampleId :
EROC-BF-1A

Tot Ion:117 Resp: 265173
Ion Ratio Lower Upper
117 100
82 54.5 43.6 65.4
119 33.3 25.4 38.0

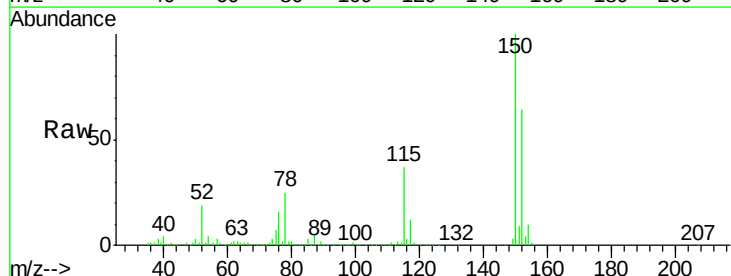


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

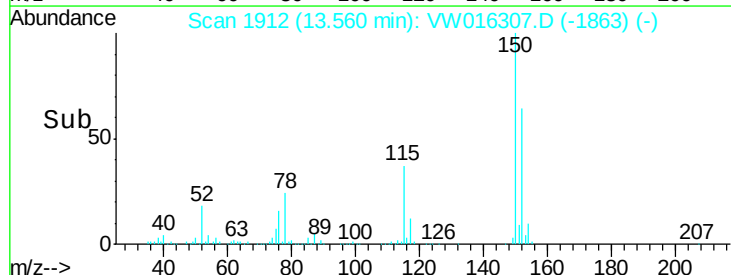
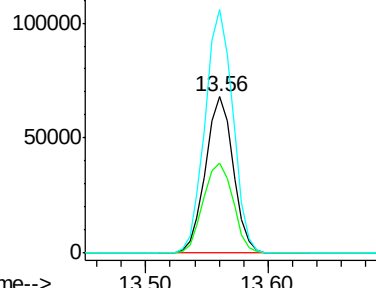


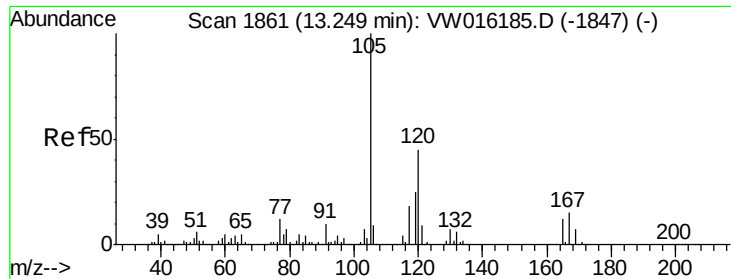
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016307.D
Acq: 21 Aug 2020 15:46

Tgt Ion:152 Resp: 106819
Ion Ratio Lower Upper
152 100
115 61.5 30.9 92.5
150 156.5 0.0 337.8



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

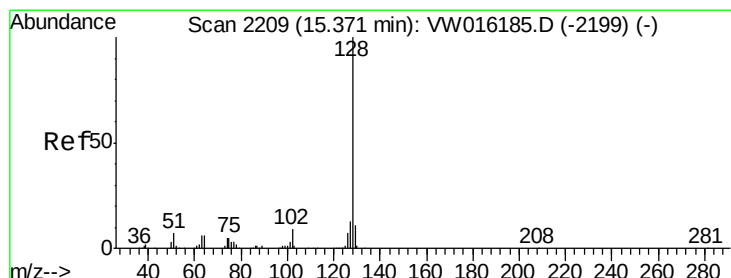
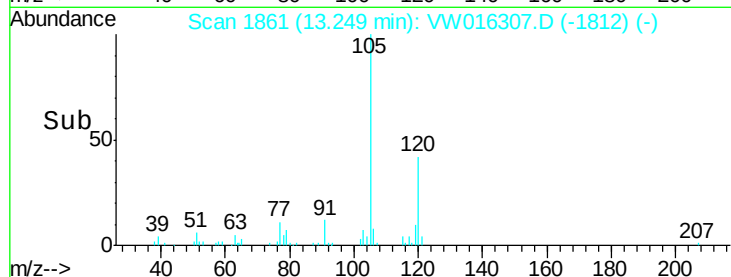
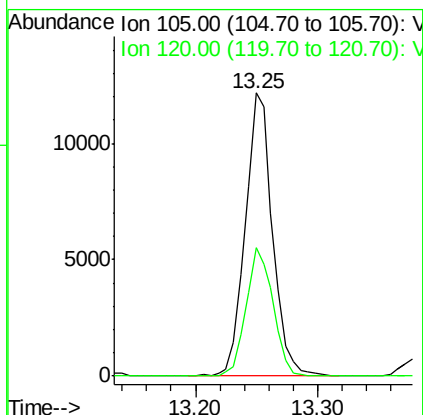
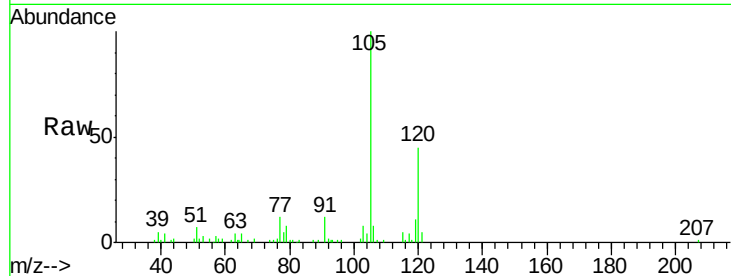




#84
 1,2,4-Trimethylbenzene
 Concen: 2.727 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW016307.D
 Acq: 21 Aug 2020 15:46

Instrument :
 MSVOA_W
 ClientSampleId :
 EROC-BF-1A

Tot Ion:105 Resp: 18858
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6



#95
 Naphthalene
 Concen: 7.406 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW016307.D
 Acq: 21 Aug 2020 15:46

Tgt Ion:128 Resp: 16209
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.2 15.4
 129 14.8 8.7 13.1#

