

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016309.D
 Acq On : 21 Aug 2020 16:37
 Operator : SY/VA
 Sample : L3734-04
 Misc : 6.13G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EROC-BF-1C

Quant Time: Aug 22 06:44:58 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

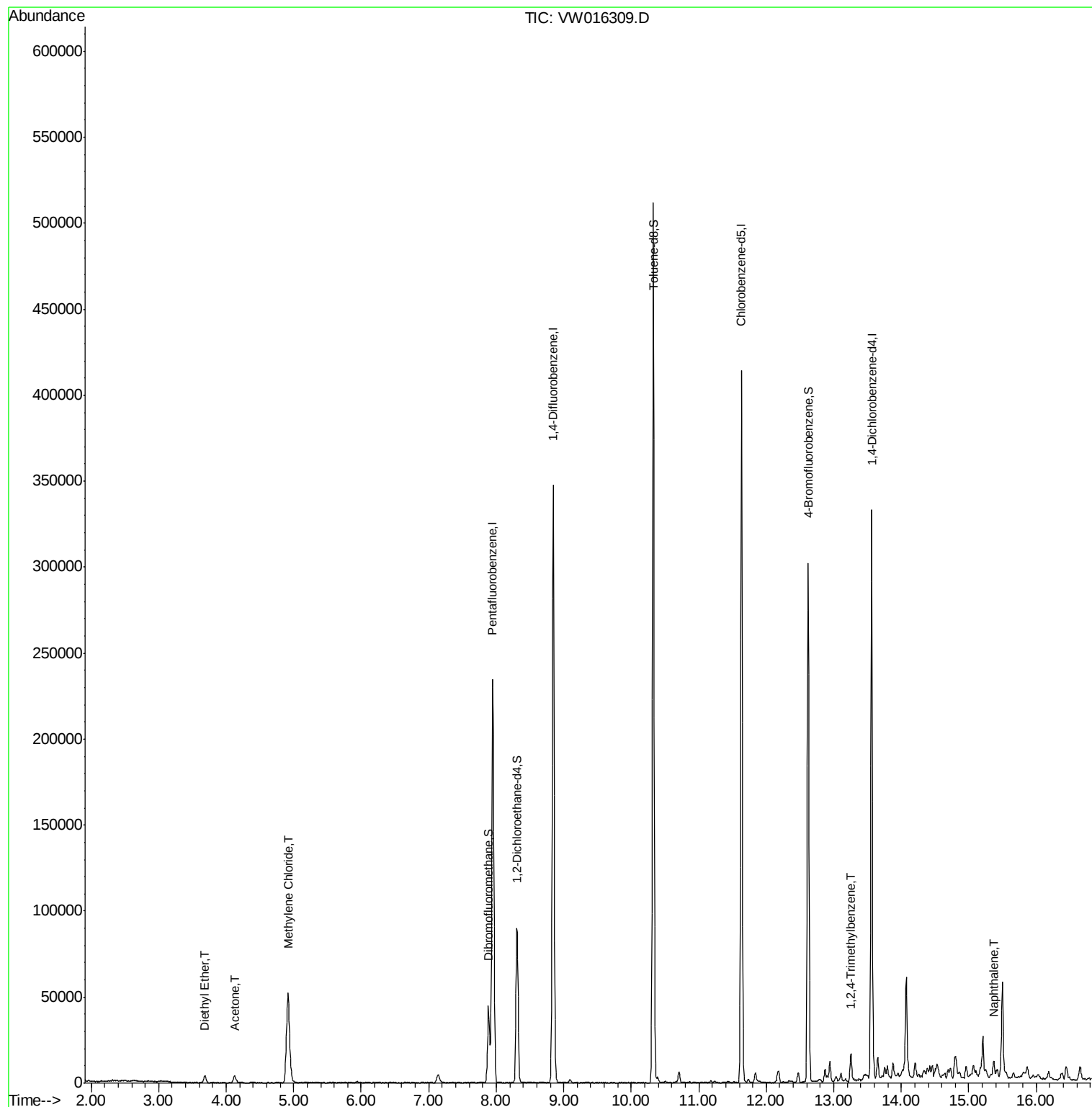
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70923	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.02%	
35) Dibromofluoromethane	7.88	113	32815	17.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.14%	
50) Toluene-d8	10.33	98	356493	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	104945	40.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.22%	
Target Compounds						
8) Diethyl Ether	3.69	74	2515	2.754	ug/l	99
16) Acetone	4.12	43	7720	23.300	ug/l	91
20) Methylene Chloride	4.92	84	46658	19.672	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	9311	1.626	ug/l	96
95) Naphthalene	15.37	128	8712	6.063	ug/l	98

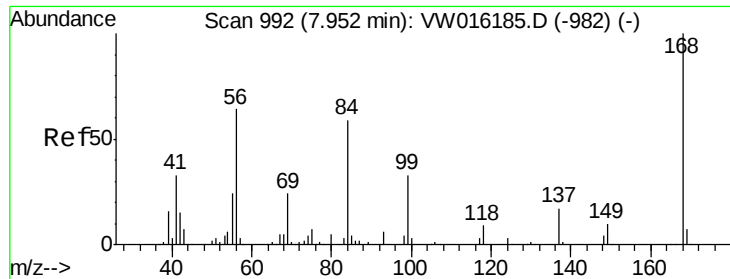
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW016309.D

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Instrument :

MSVOA_W

ClientSampleId :

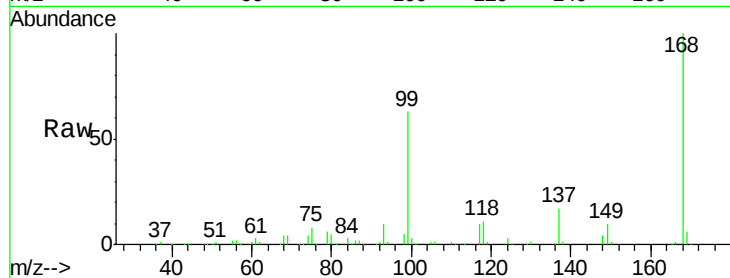
EROC-BF-1C

Tot Ion:168 Resp: 177357

Ion Ratio Lower Upper

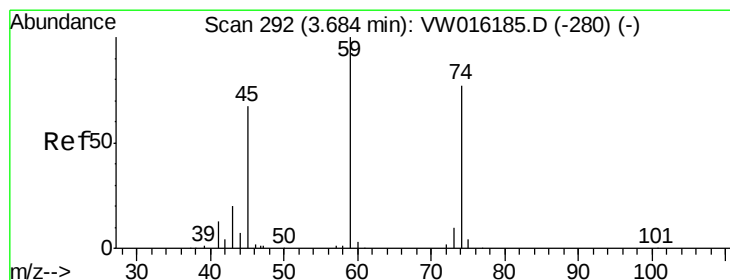
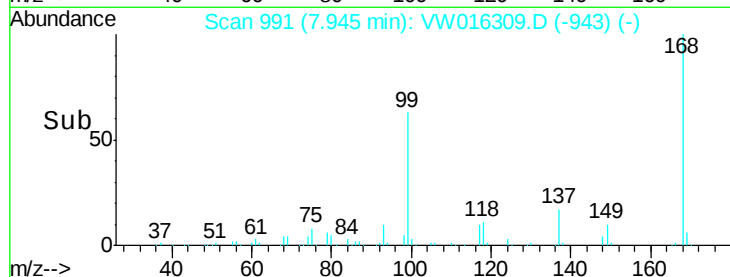
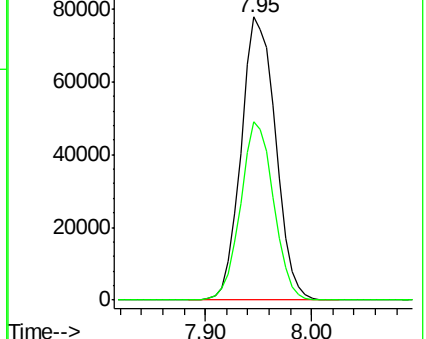
168 100

99 63.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.754 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW016309.D

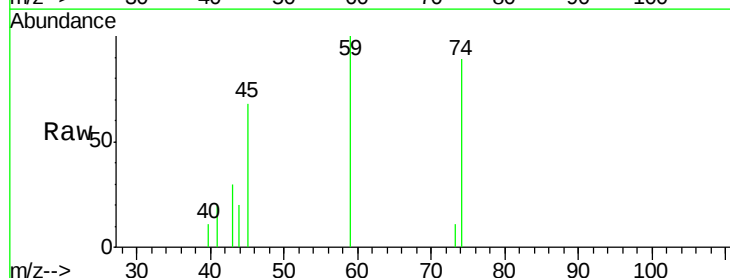
Acq: 21 Aug 2020 16:37

Tgt Ion: 74 Resp: 2515

Ion Ratio Lower Upper

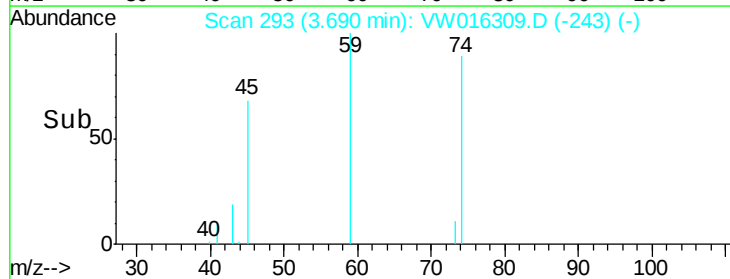
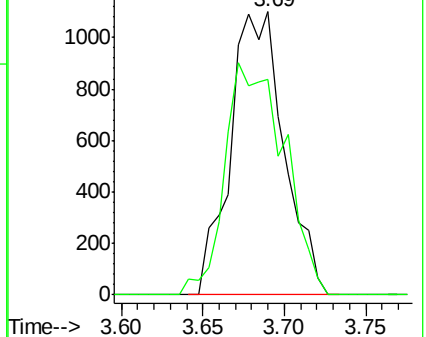
74 100

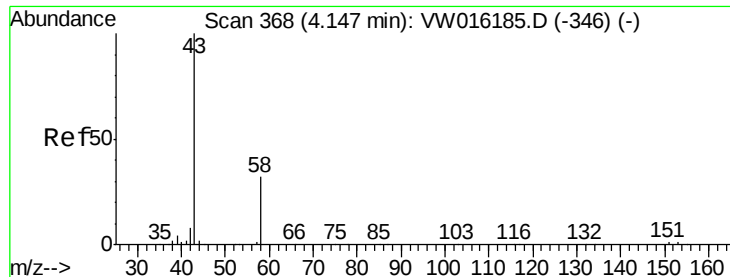
45 90.4 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 23.300 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

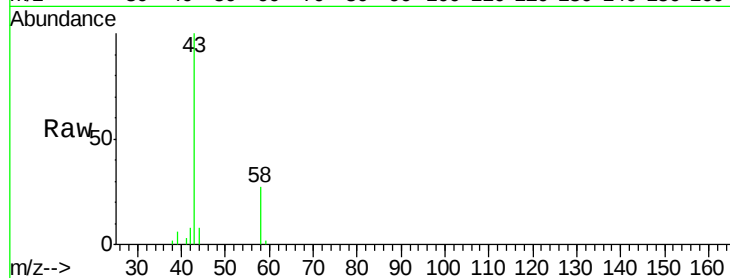
EROC-BF-1C

Tot Ion: 43 Resp: 7720

Ion Ratio Lower Upper

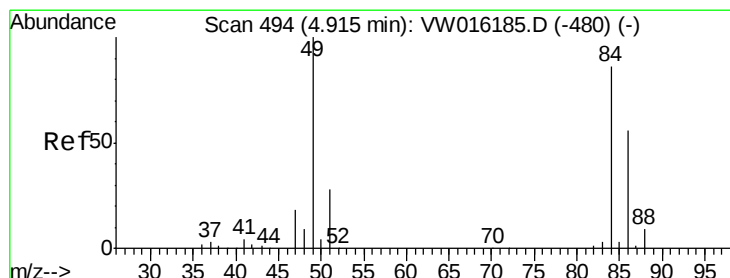
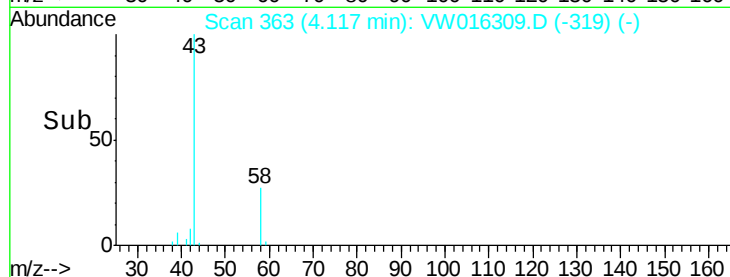
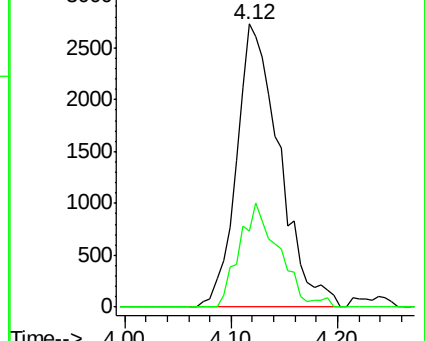
43 100

58 26.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 19.672 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

Tgt Ion: 84 Resp: 46658

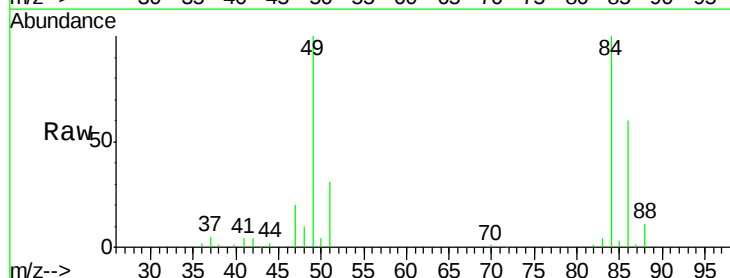
Ion Ratio Lower Upper

84 100

49 100.4 93.4 140.2

51 30.9 26.6 40.0

86 60.5 52.2 78.2

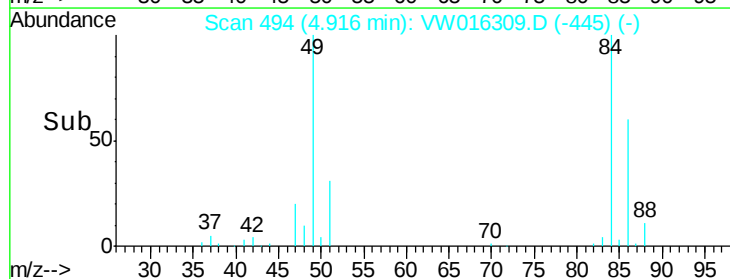
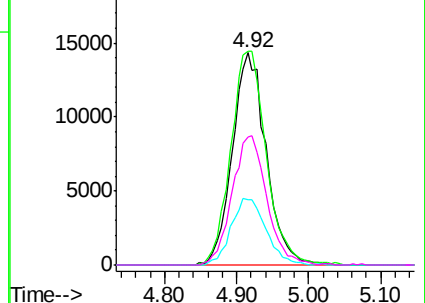


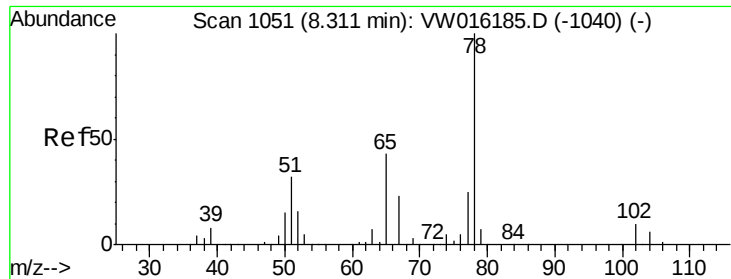
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

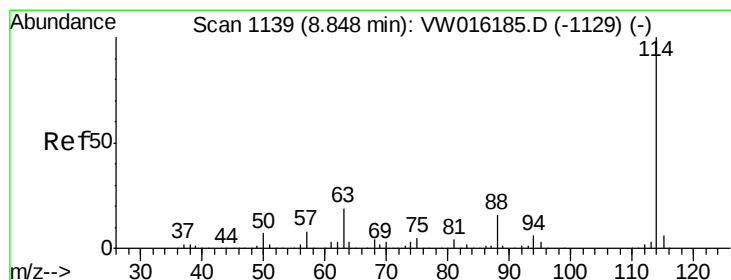
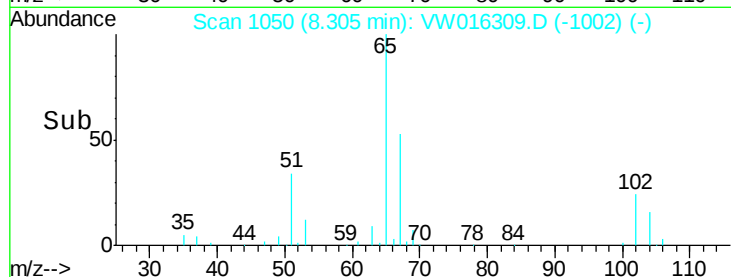
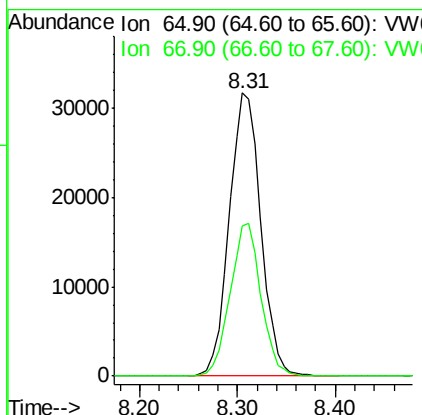
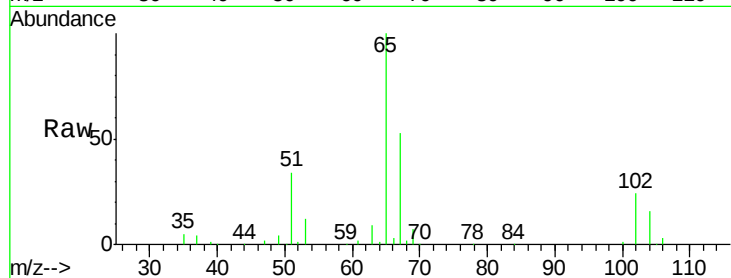




#33
 1,2-Dichloroethane-d4
 Concen: 41.006 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016309.D
 Acq: 21 Aug 2020 16:37

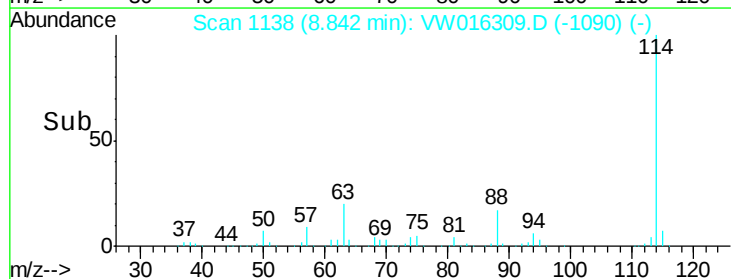
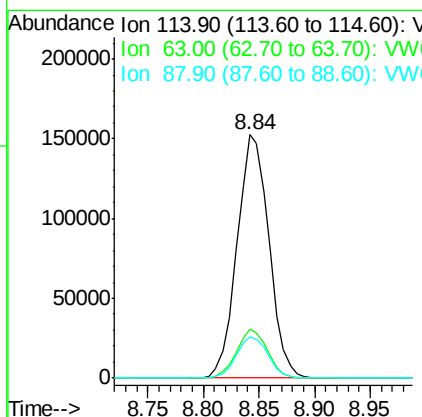
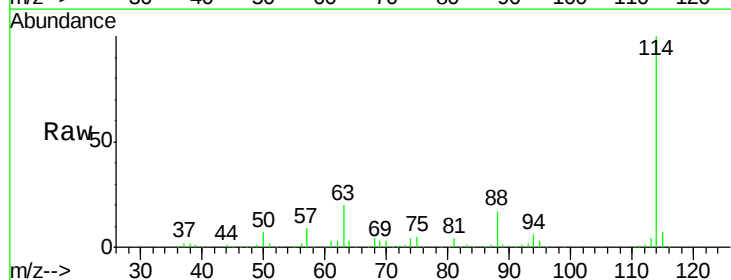
Instrument :
 MSVOA_W
 ClientSampleId :
 EROC-BF-1C

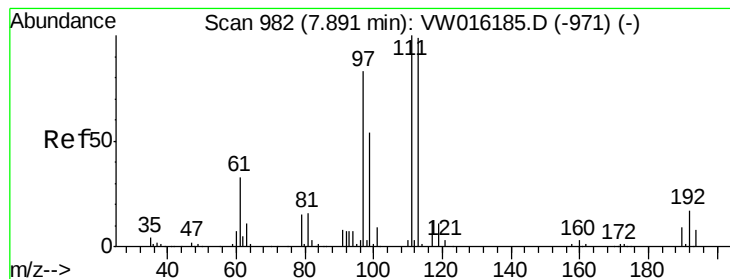
Tot Ion: 65 Resp: 70923
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016309.D
 Acq: 21 Aug 2020 16:37

Tgt Ion: 114 Resp: 302726
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 17.568 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

EROC-BF-1C

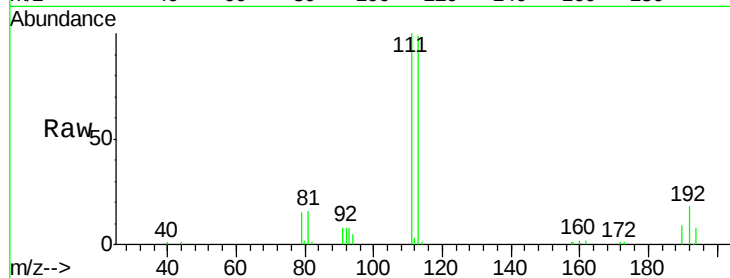
Tot Ion:113 Resp: 32815

Ion Ratio Lower Upper

113 100

111 101.4 83.5 125.3

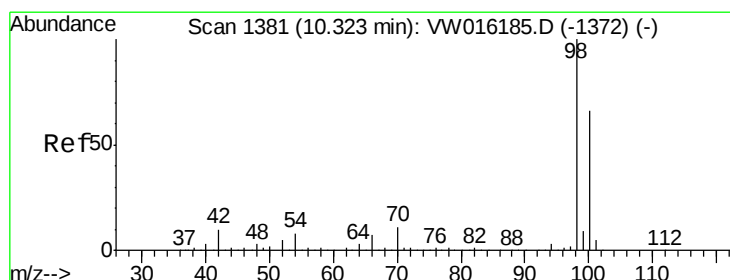
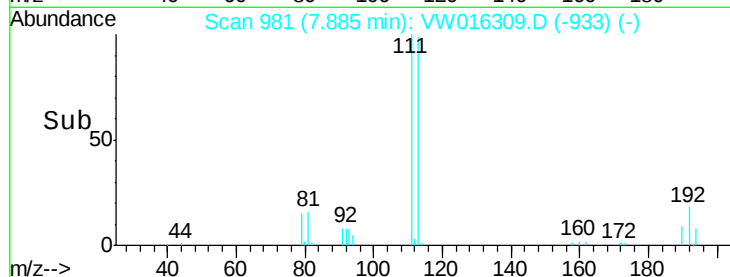
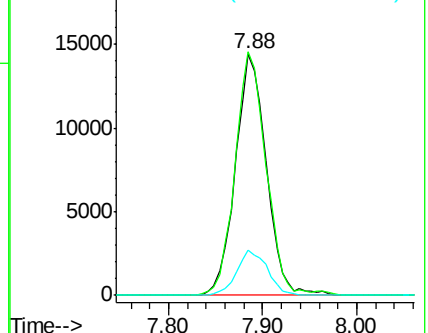
192 18.5 14.3 21.5



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



#50

Toluene-d8

Concen: 49.307 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016309.D

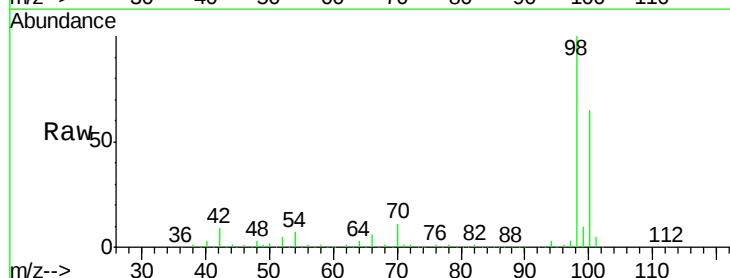
Acq: 21 Aug 2020 16:37

Tgt Ion: 98 Resp: 356493

Ion Ratio Lower Upper

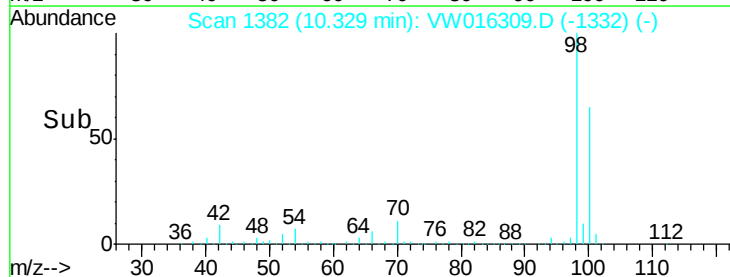
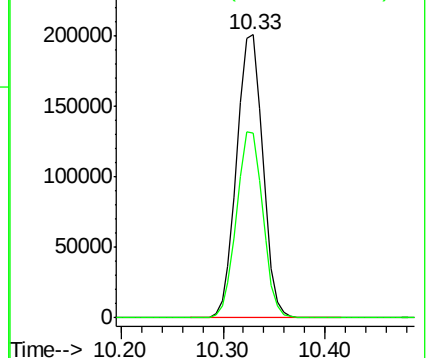
98 100

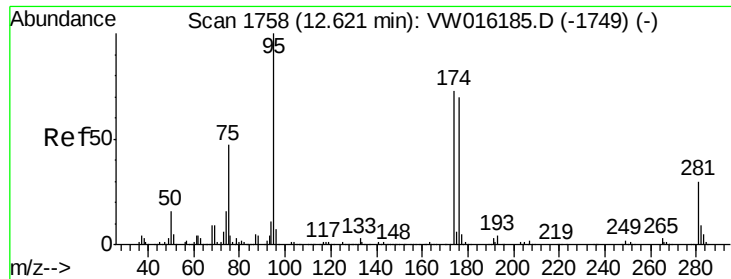
100 66.0 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

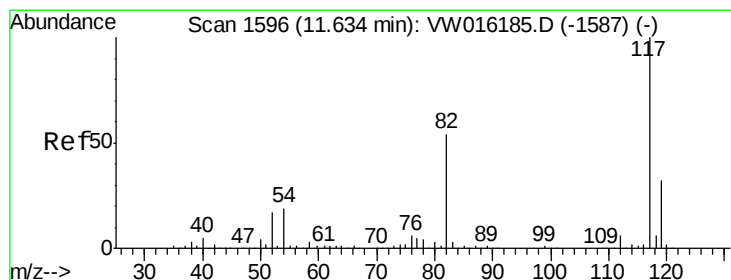
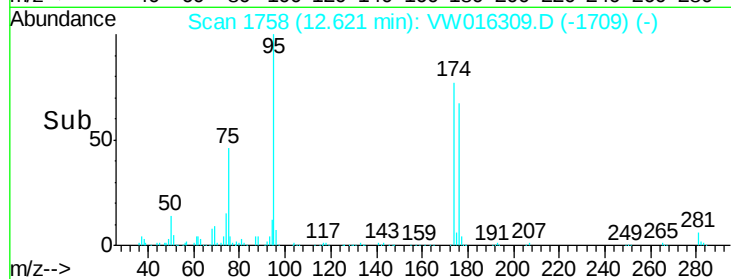
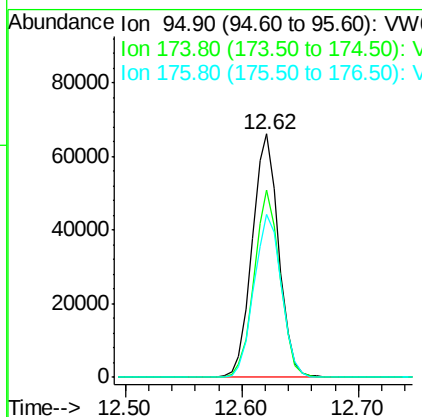
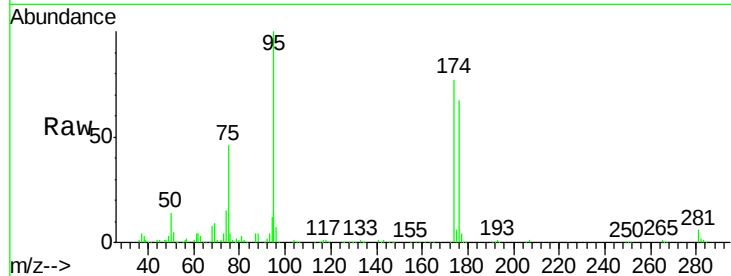




#62
4-Bromofluorobenzene
Concen: 40.607 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

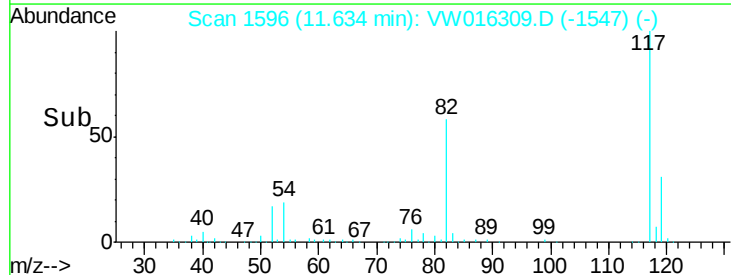
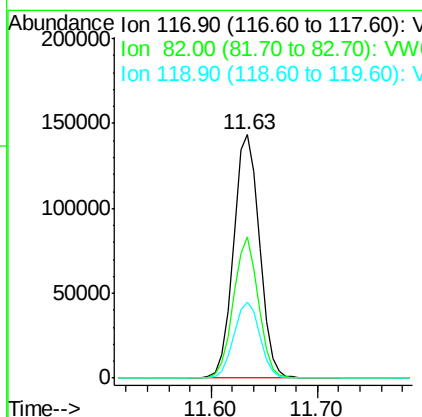
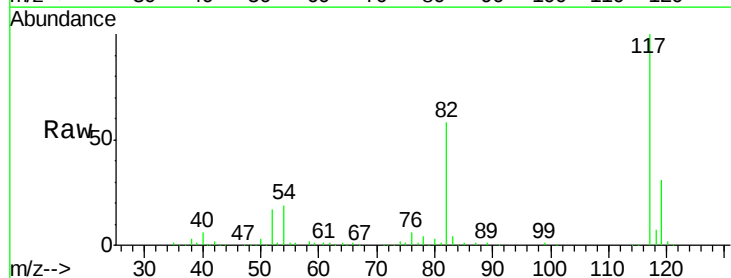
Instrument :
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EROC-BF-1C

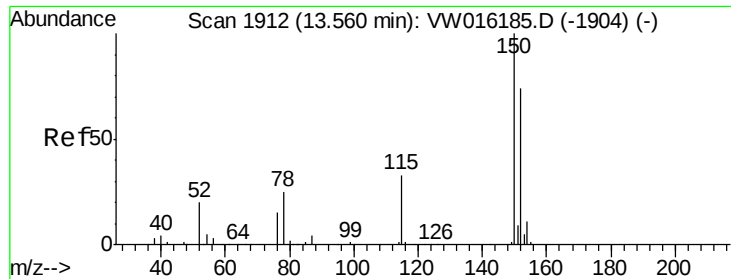
Tot Ion: 95 Resp: 104945
Ion Ratio Lower Upper
95 100
174 75.1 0.0 145.6
176 69.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016309.D
Acq: 21 Aug 2020 16:37

Tgt Ion: 117 Resp: 245246
Ion Ratio Lower Upper
117 100
82 57.8 43.6 65.4
119 31.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

Instrument :

MSVOA_W

ClientSampleId :

EROC-BF-1C

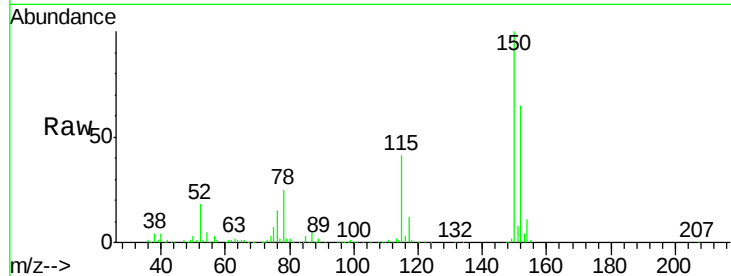
Tot Ion:152 Resp: 88437

Ion Ratio Lower Upper

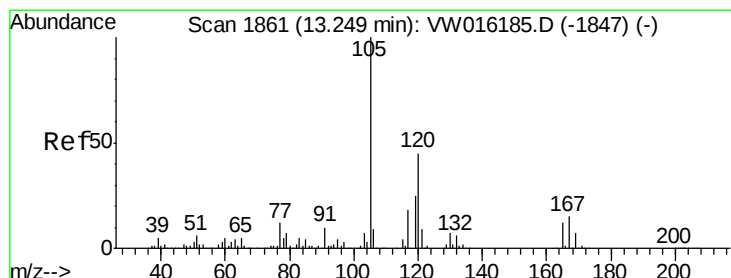
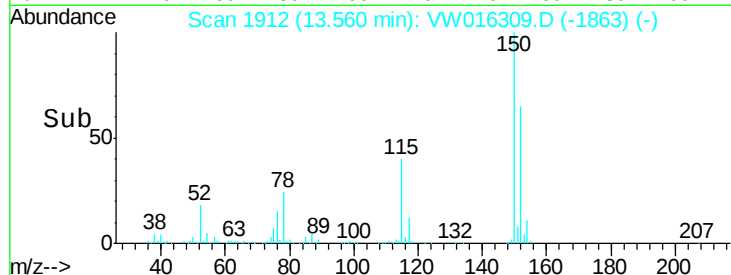
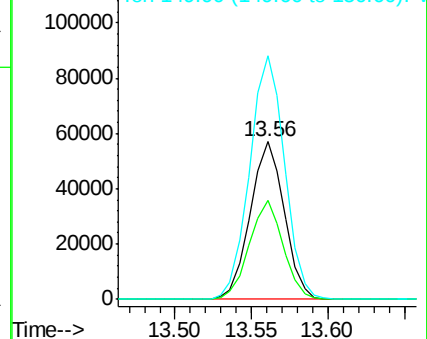
152 100

115 62.1 30.9 92.5

150 158.1 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: 1.626 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VW016309.D

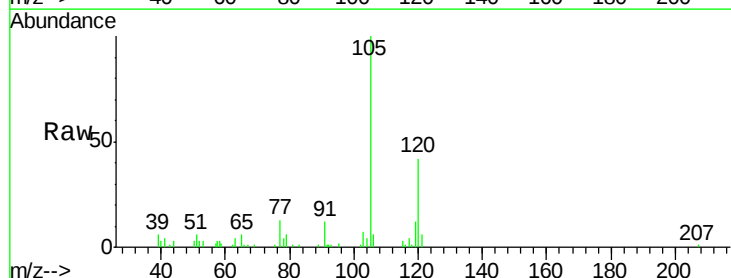
Acq: 21 Aug 2020 16:37

Tgt Ion:105 Resp: 9311

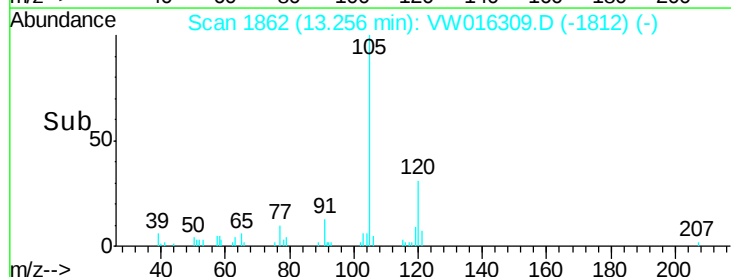
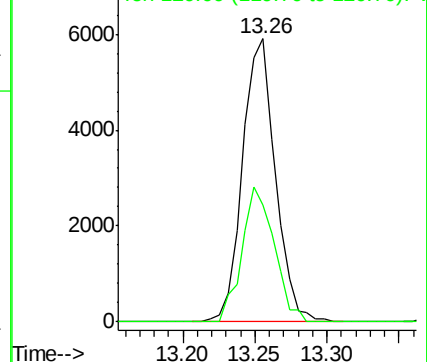
Ion Ratio Lower Upper

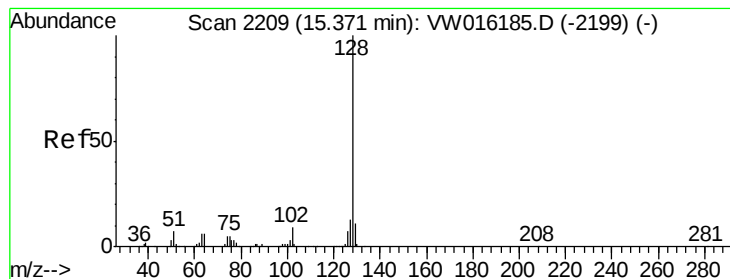
105 100

120 46.8 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 6.063 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016309.D

Acq: 21 Aug 2020 16:37

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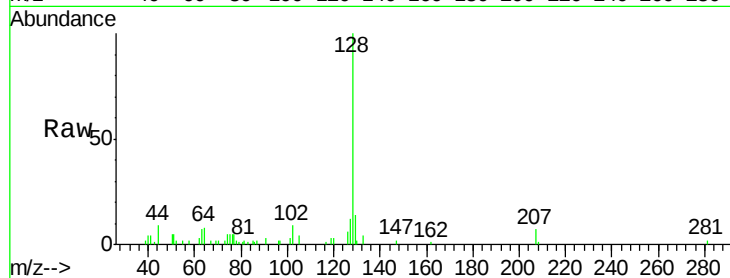
Tot Ion:128 Resp: 8712

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 12.7 8.7 13.1



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

