

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016308.D
 Acq On : 21 Aug 2020 16:11
 Operator : SY/VA
 Sample : L3734-03
 Misc : 7.05G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EROC-BF-1B

Quant Time: Sep 02 07:09:27 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

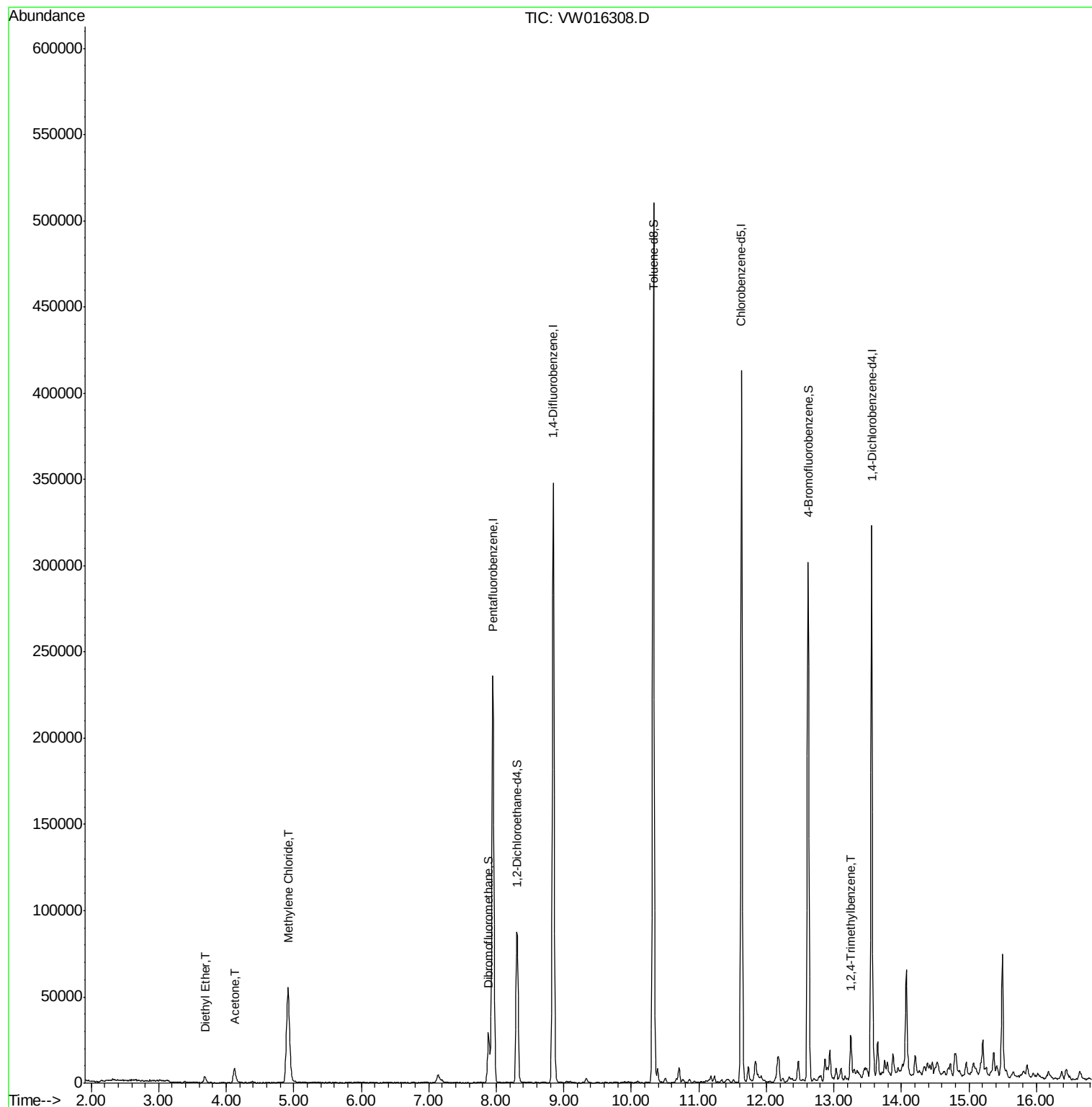
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	174684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	307650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	242726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	71498	41.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.94%	
35) Dibromofluoromethane	7.88	113	21636	11.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.80%	
50) Toluene-d8	10.33	98	355256	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.62	95	104011	39.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.20%	
Target Compounds						
8) Diethyl Ether	3.69	74	1956	2.175	ug/l	95
16) Acetone	4.12	43	14528	44.518	ug/l	93
20) Methylene Chloride	4.92	84	48261	20.934	ug/l	91
84) 1,2,4-Trimethylbenzene	13.25	105	15201	2.701	ug/l	100

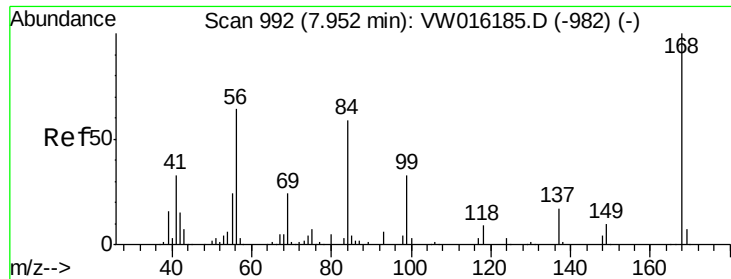
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082220\
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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: VW016308.D

Acq: 21 Aug 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

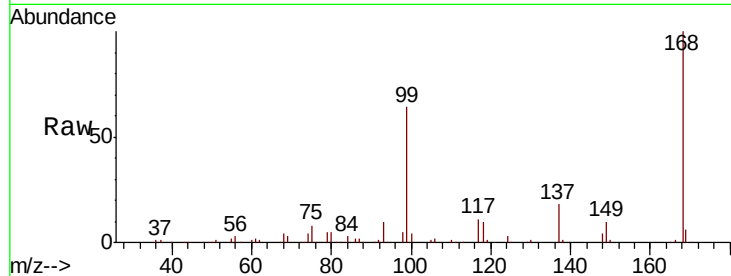
EROC-BF-1B

Tot Ion:168 Resp: 174684

Ion Ratio Lower Upper

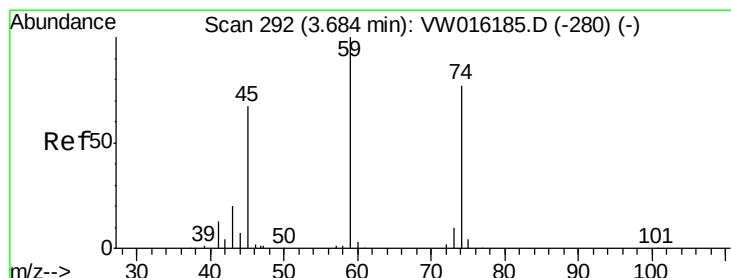
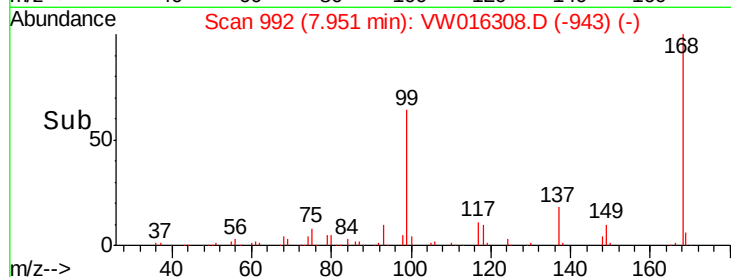
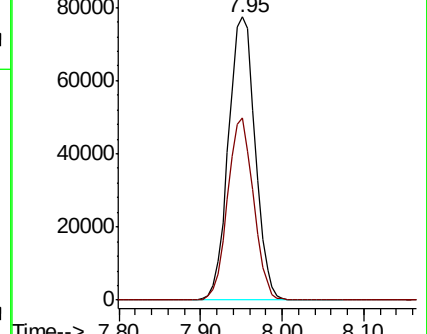
168 100

99 64.4 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: 2.175 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW016308.D

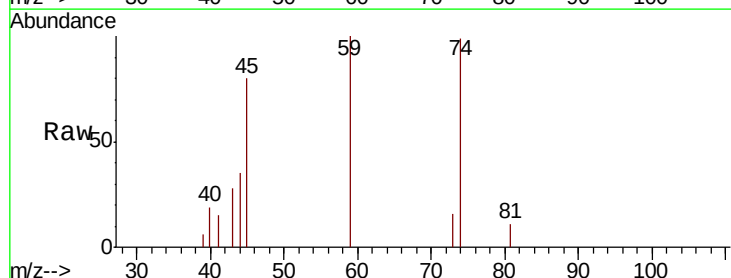
Acq: 21 Aug 2020 16:11

Tgt Ion: 74 Resp: 1956

Ion Ratio Lower Upper

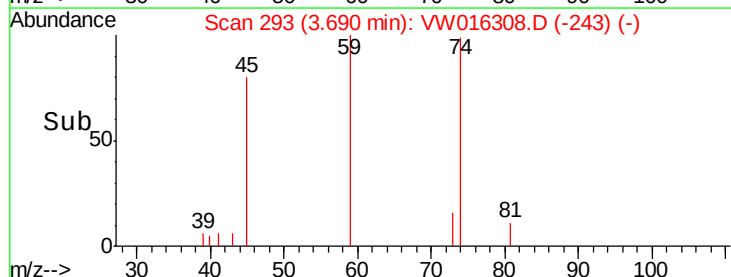
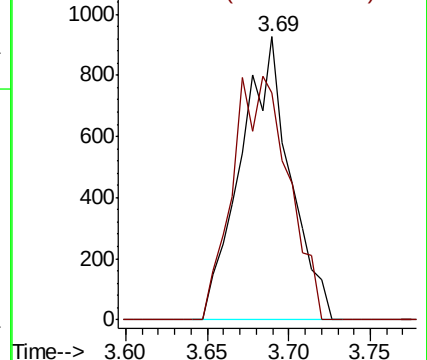
74 100

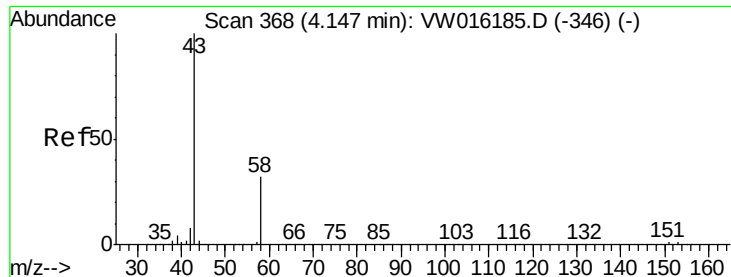
45 96.8 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 44.518 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.03 min

Lab File: VW016308.D

Acq: 21 Aug 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

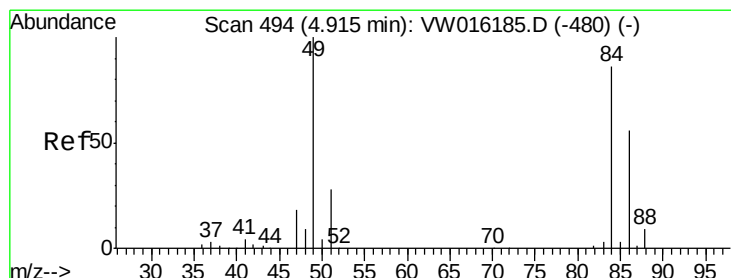
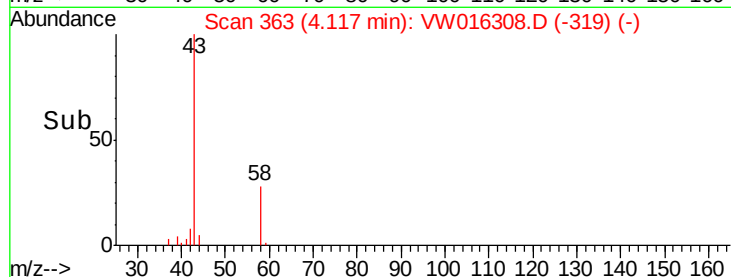
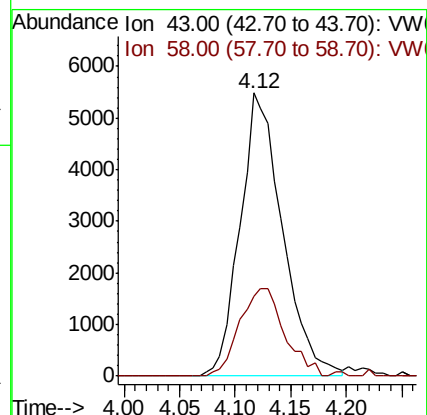
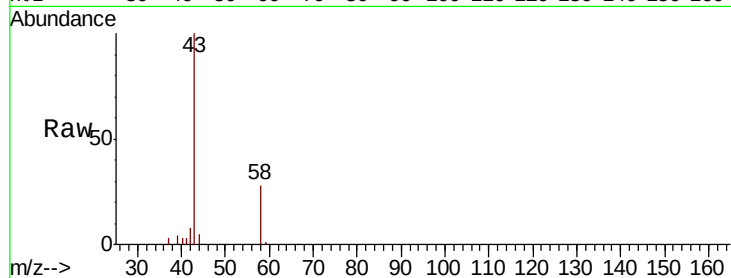
EROC-BF-1B

Tot Ion: 43 Resp: 14528

Ion Ratio Lower Upper

43 100

58 28.1 25.8 38.6



#20

Methylene Chloride

Concen: 20.934 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016308.D

Acq: 21 Aug 2020 16:11

Tgt Ion: 84 Resp: 48261

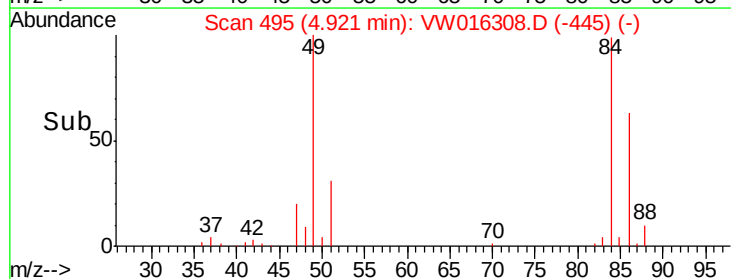
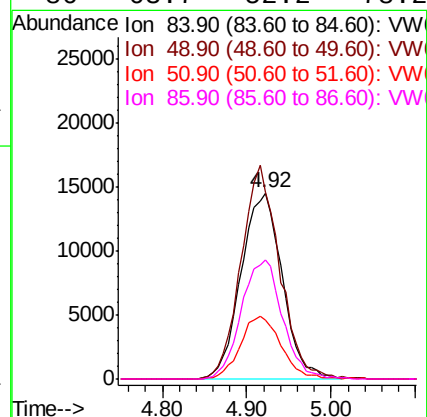
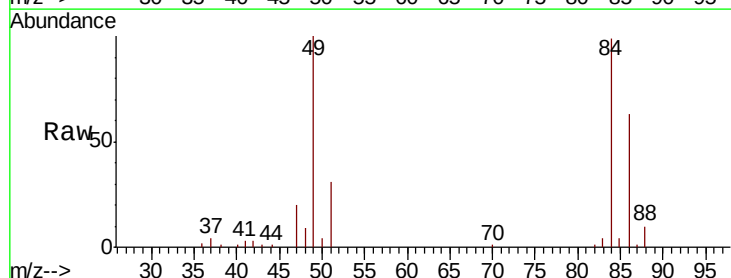
Ion Ratio Lower Upper

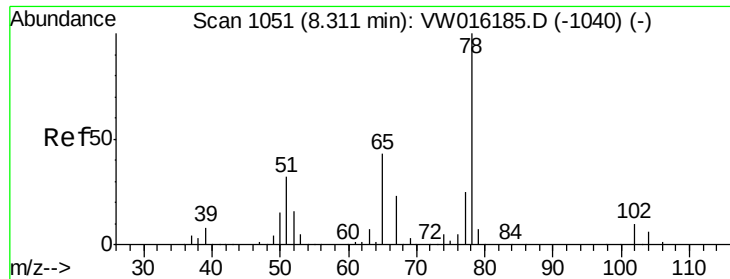
84 100

49 100.7 93.4 140.2

51 31.6 26.6 40.0

86 63.7 52.2 78.2

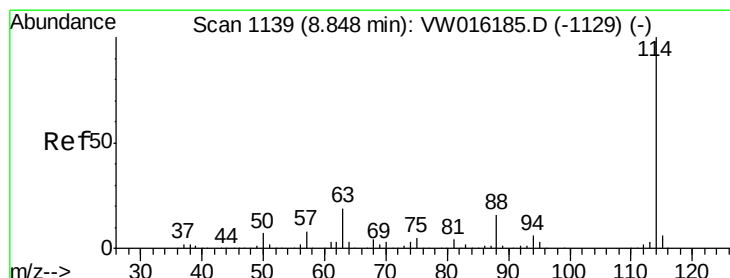
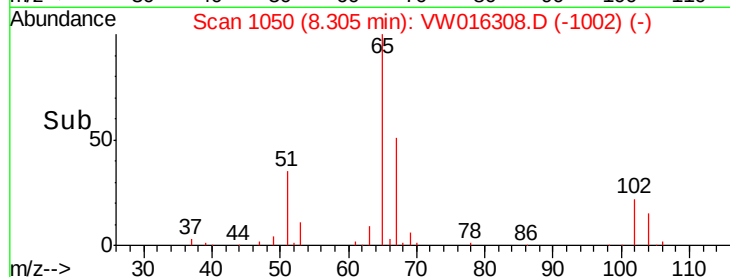
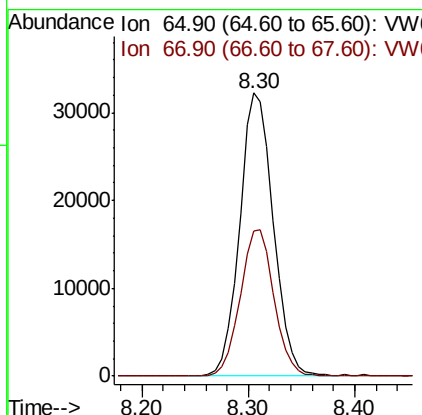
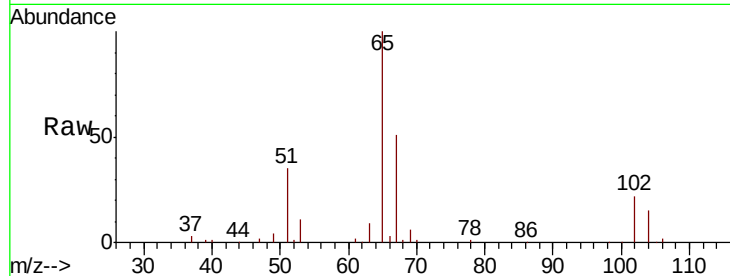




#33
 1,2-Dichloroethane-d4
 Concen: 41.971 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016308.D
 Acq: 21 Aug 2020 16:11

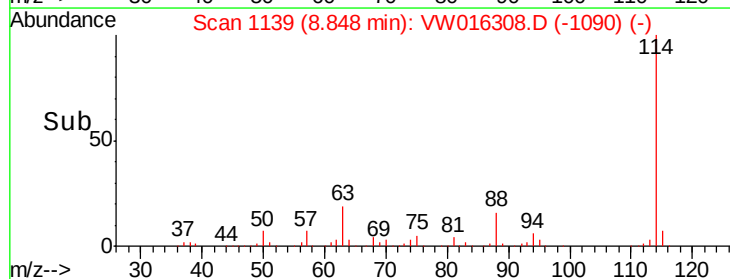
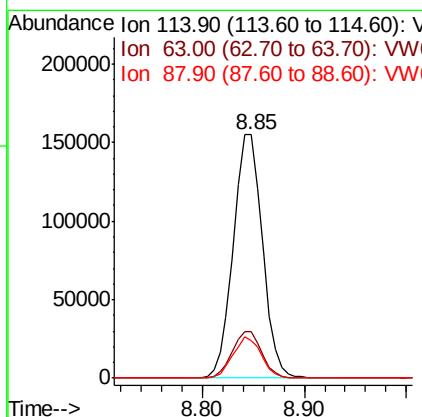
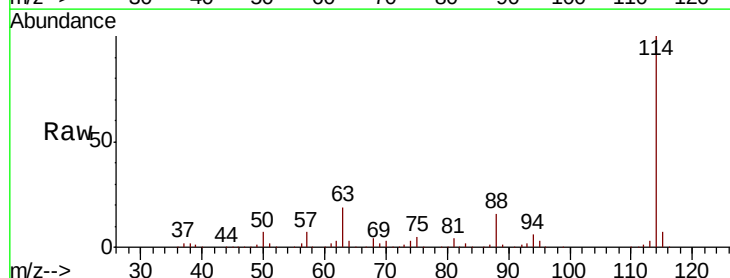
Instrument :
 MSVOA_W
 ClientSampleId :
 EROC-BF-1B

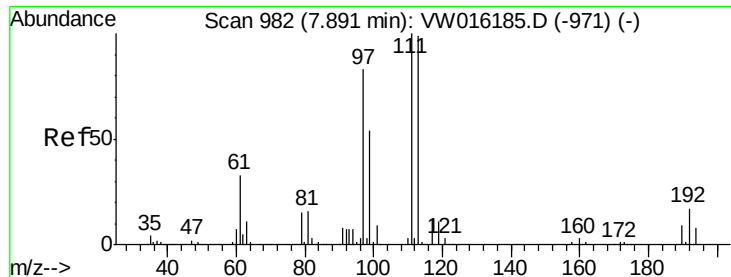
Tot Ion: 65 Resp: 71498
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW016308.D
 Acq: 21 Aug 2020 16:11

Tgt Ion: 114 Resp: 307650
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 11.398 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016308.D

Acq: 21 Aug 2020 16:11

Instrument :

MSVOA_W

ClientSampleId :

EROC-BF-1B

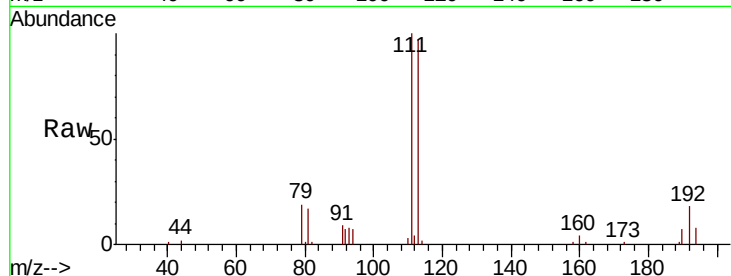
Tot Ion:113 Resp: 21636

Ion Ratio Lower Upper

113 100

111 106.9 83.5 125.3

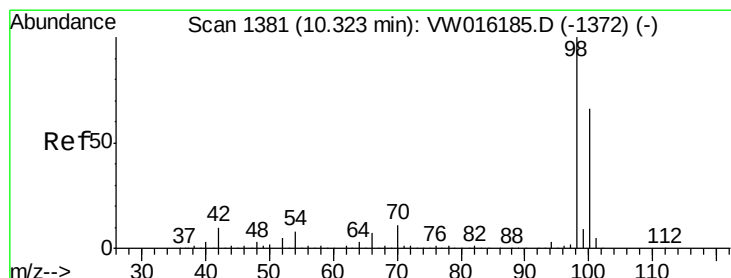
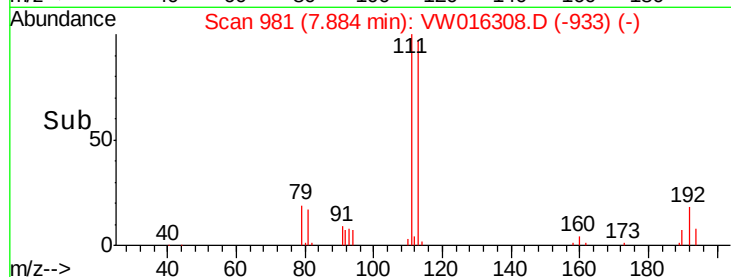
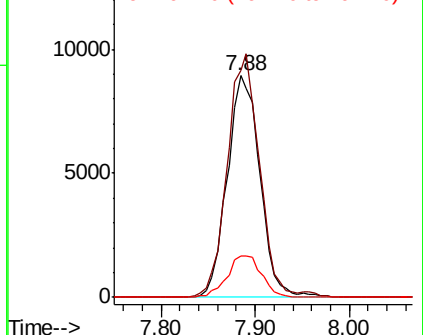
192 19.6 14.3 21.5



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: 48.349 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016308.D

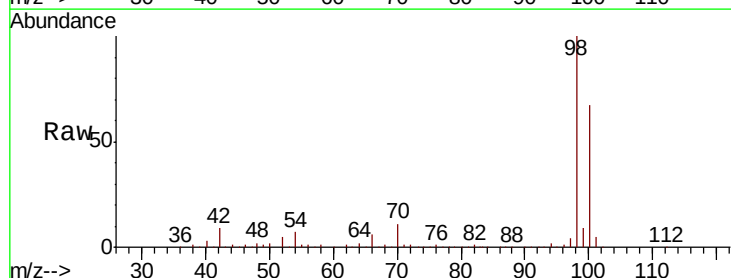
Acq: 21 Aug 2020 16:11

Tgt Ion: 98 Resp: 355256

Ion Ratio Lower Upper

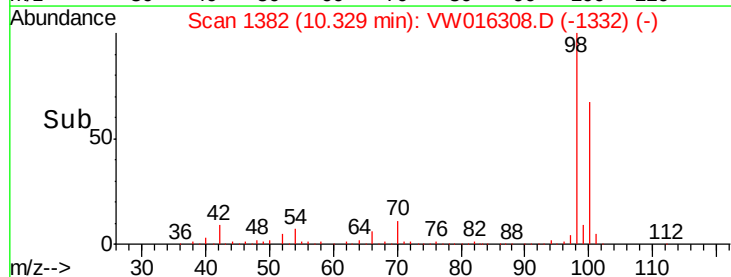
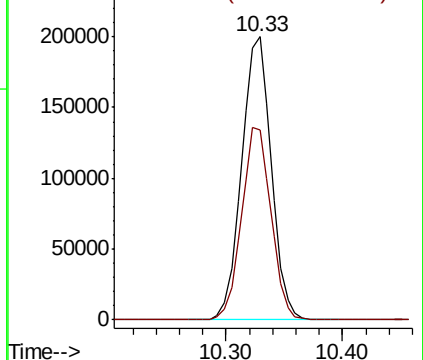
98 100

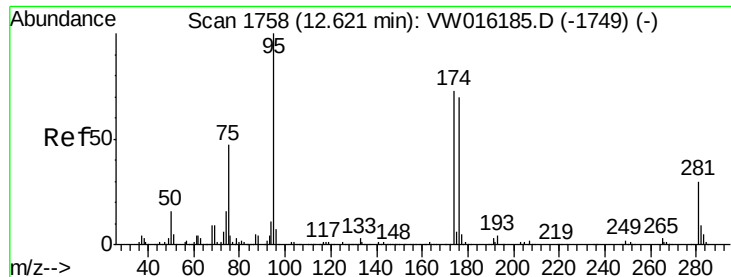
100 67.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

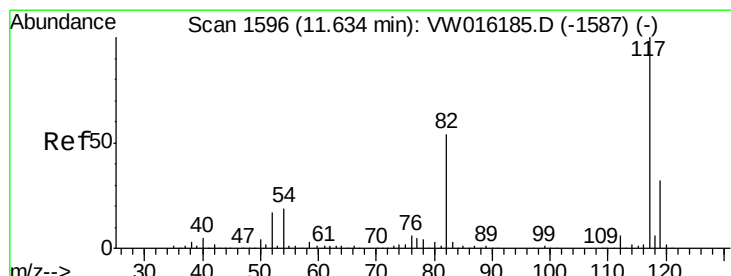
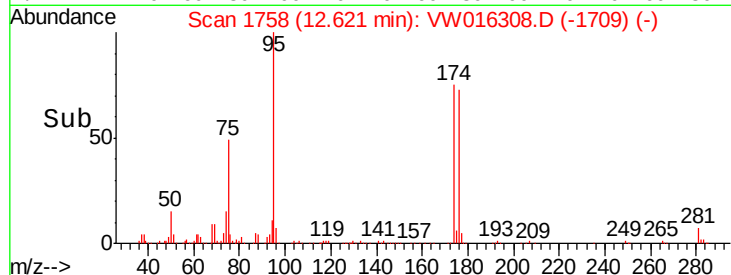
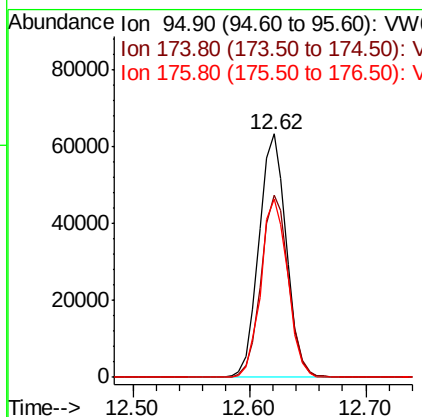
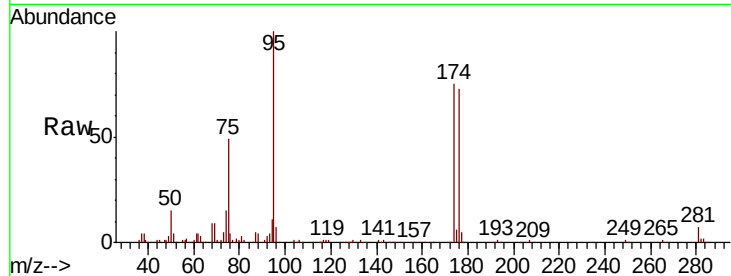




#62
4-Bromofluorobenzene
Concen: 39.601 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW016308.D
Acq: 21 Aug 2020 16:11

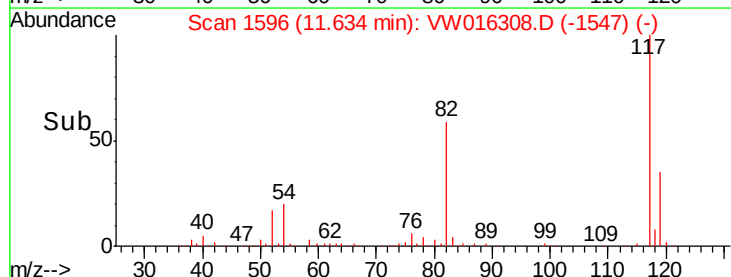
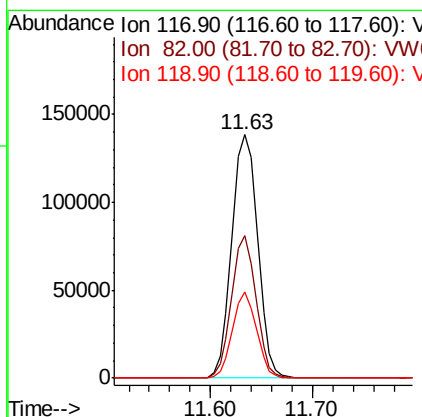
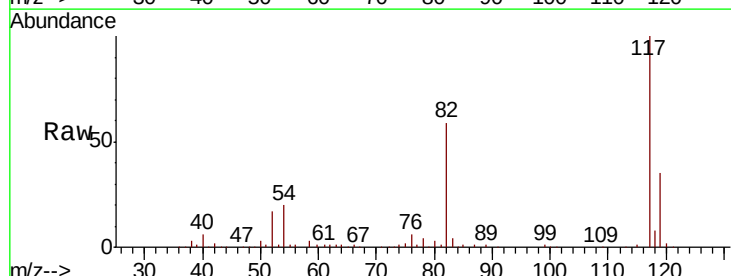
Instrument :
MSVOA_W
ClientSampleId :
EROC-BF-1B

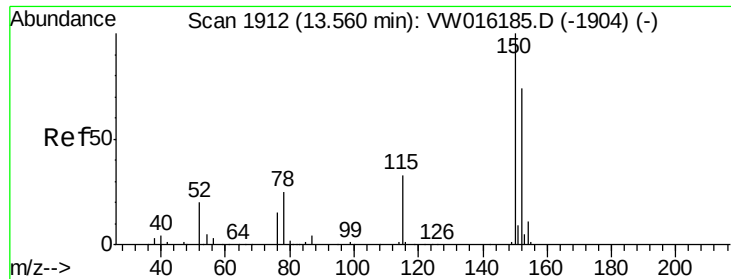
Tot Ion: 95 Resp: 104011
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.6
176 71.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016308.D
Acq: 21 Aug 2020 16:11

Tgt Ion: 117 Resp: 242726
Ion Ratio Lower Upper
117 100
82 58.8 43.6 65.4
119 35.4 25.4 38.0



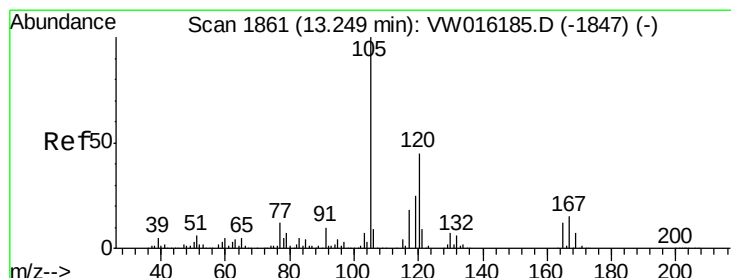
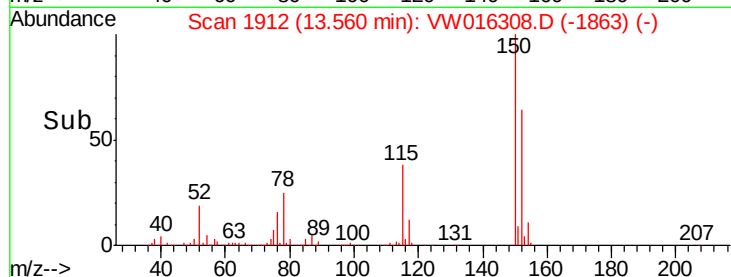
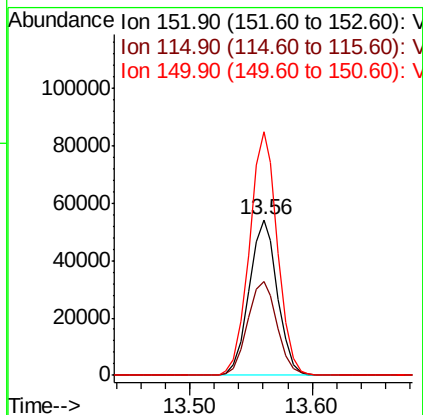
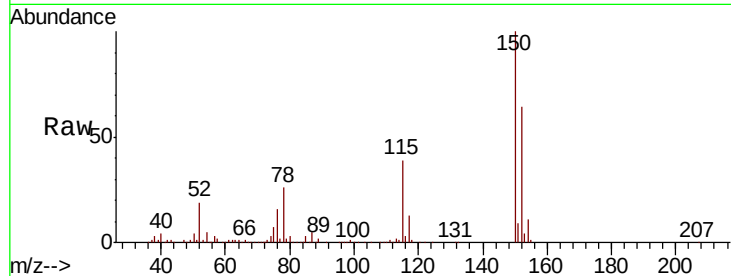


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW016308.D
Acq: 21 Aug 2020 16:11

Instrument :
MSVOA_W
ClientSampleId :
EROC-BF-1B

Tot Ion:152 Resp: 86946
Ion Ratio Lower Upper
152 100
115 63.2 30.9 92.5
150 155.2 0.0 337.8



#84

1,2,4-Trimethylbenzene
Concen: 2.701 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW016308.D
Acq: 21 Aug 2020 16:11

Tgt Ion:105 Resp: 15201
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6

