

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016135.D
 Acq On : 30 Oct 2023 17:02
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Oct 31 01:32:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

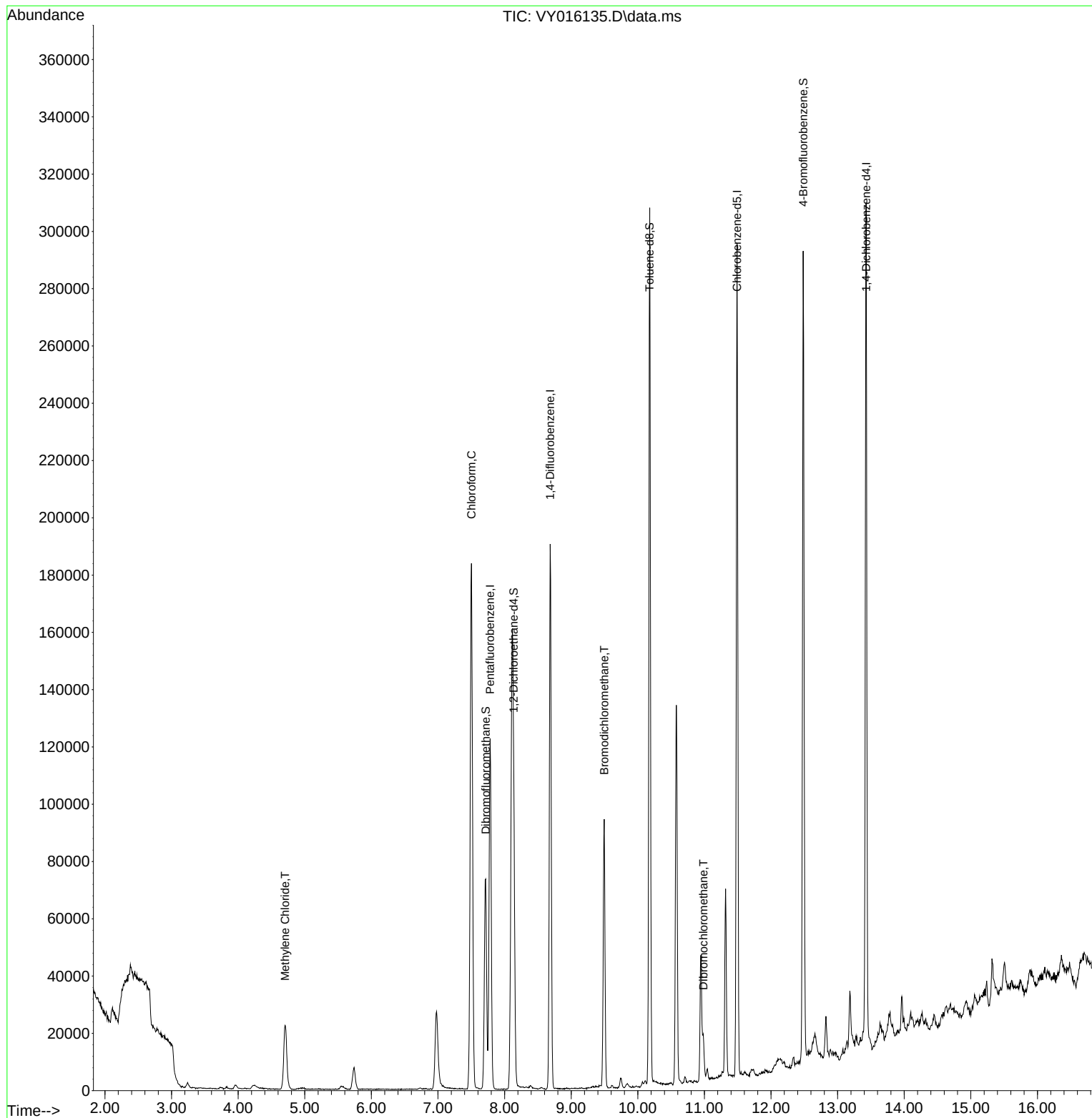
Internal Standards						
1) Pentafluorobenzene	7.783	168	95668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	162852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	156211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53083	55.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.715	113	51949	50.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.178	98	195890	51.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.483	95	69274	53.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.060%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	17705	13.362	ug/l	92
30) Chloroform	7.502	83	180192	101.323	ug/l	96
47) Bromodichloromethane	9.496	83	60225	41.358	ug/l	96
60) Dibromochloromethane	10.983	129	5864	5.598	ug/l	99

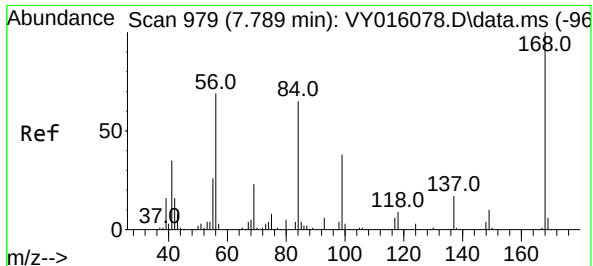
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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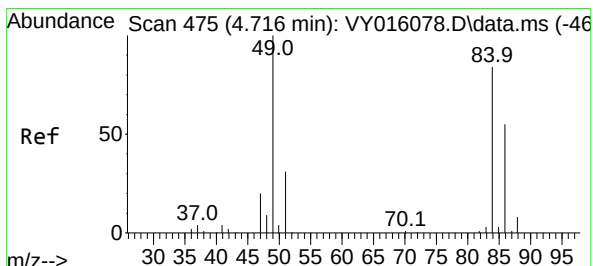
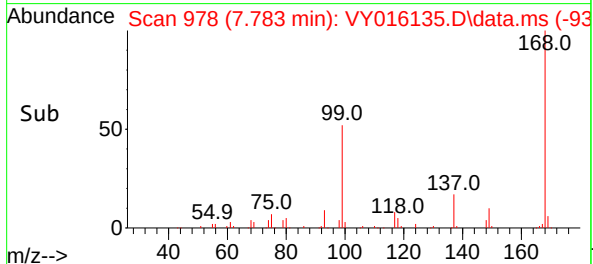
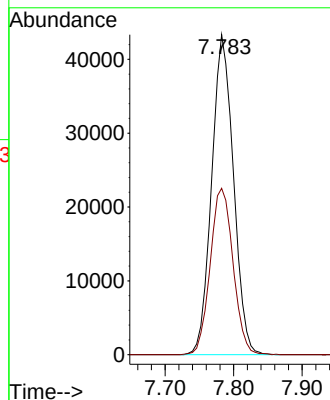
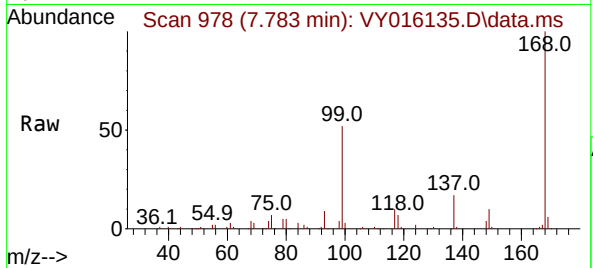




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016135.D
Acq: 30 Oct 2023 17:02

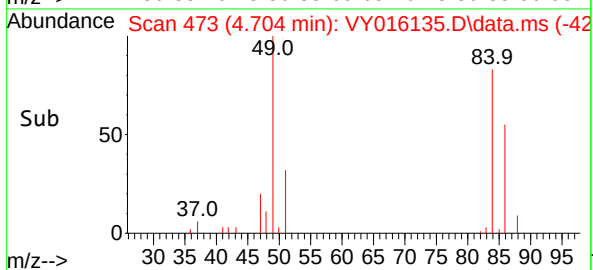
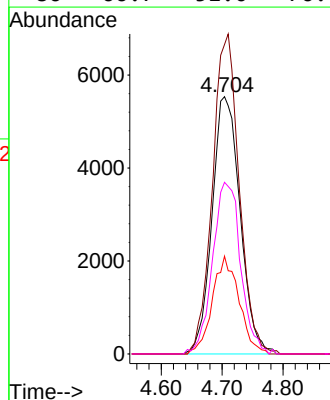
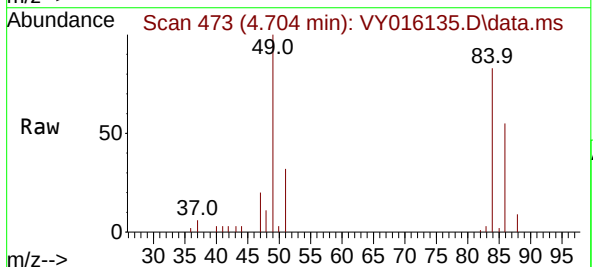
Instrument :
MSVOA_Y
ClientSampleId :
BLK

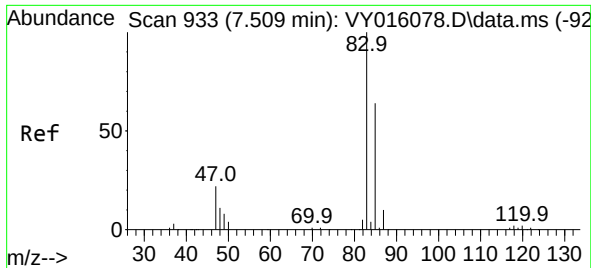
Tgt Ion:168 Resp: 95668
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 13.362 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY016135.D
Acq: 30 Oct 2023 17:02

Tgt Ion: 84 Resp: 17705
Ion Ratio Lower Upper
84 100
49 120.2 106.9 160.3
51 38.0 33.2 49.8
86 66.7 51.0 76.6

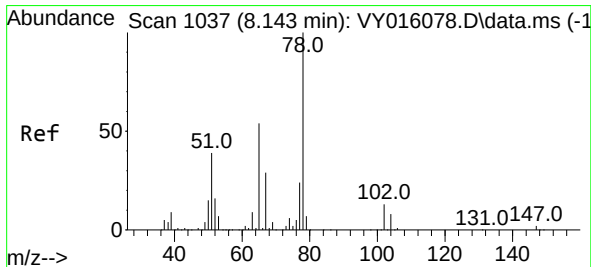
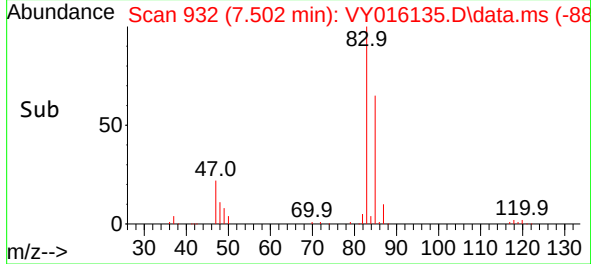
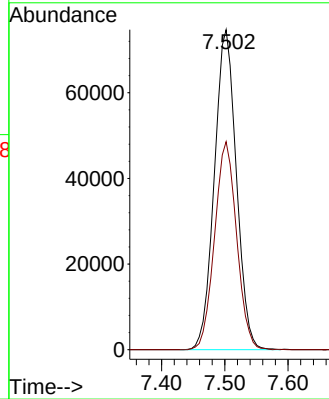
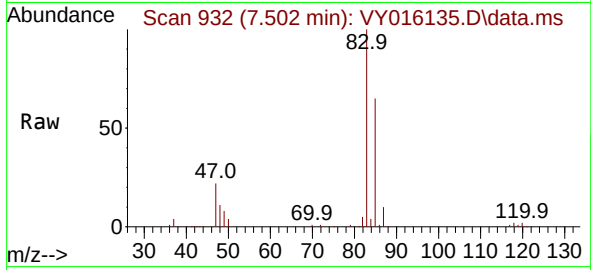




#30
Chloroform
Concen: 101.323 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016135.D
Acq: 30 Oct 2023 17:02

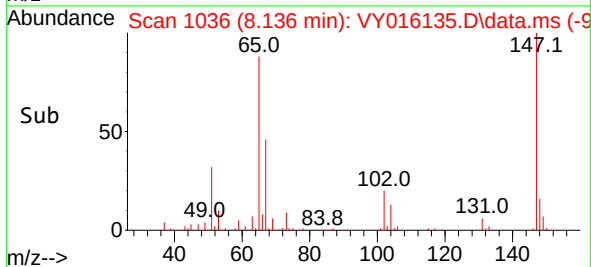
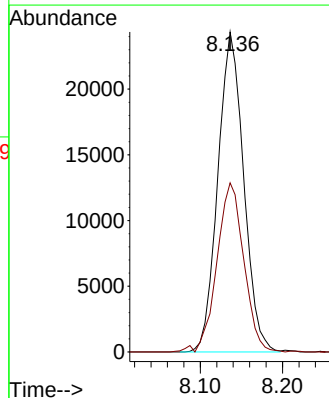
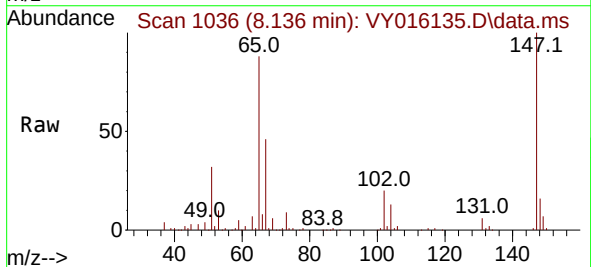
Instrument :
MSVOA_Y
ClientSampleId :
BLK

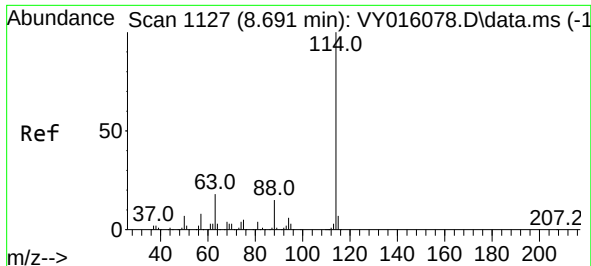
Tgt Ion: 83 Resp: 180192
Ion Ratio Lower Upper
83 100
85 65.0 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 55.801 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY016135.D
Acq: 30 Oct 2023 17:02

Tgt Ion: 65 Resp: 53083
Ion Ratio Lower Upper
65 100
67 55.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016135.D

Acq: 30 Oct 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

BLK

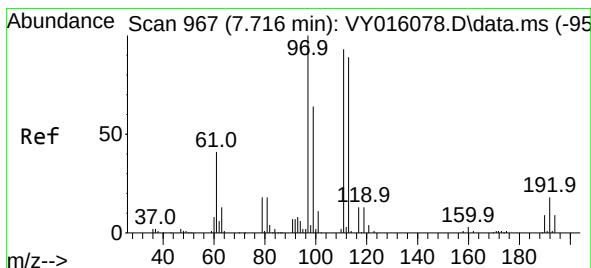
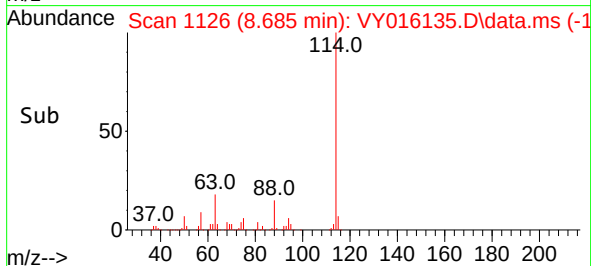
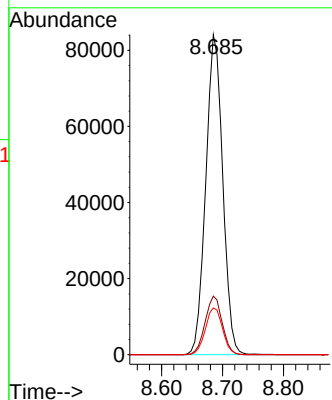
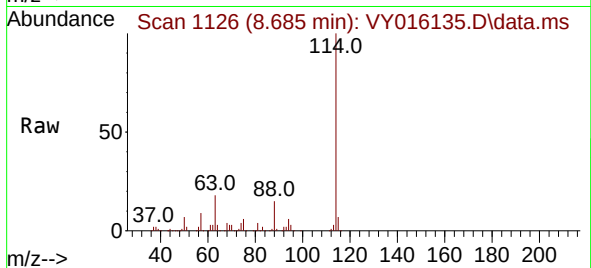
Tgt Ion:114 Resp: 162852

Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.530 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016135.D

Acq: 30 Oct 2023 17:02

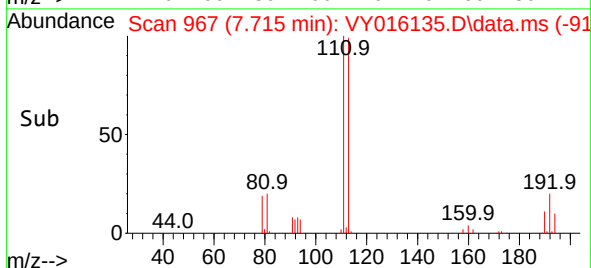
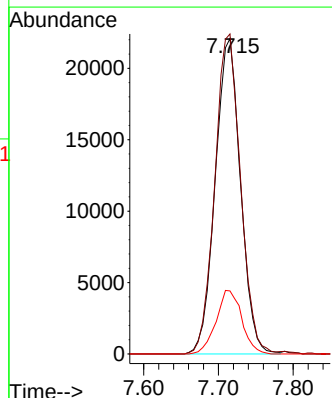
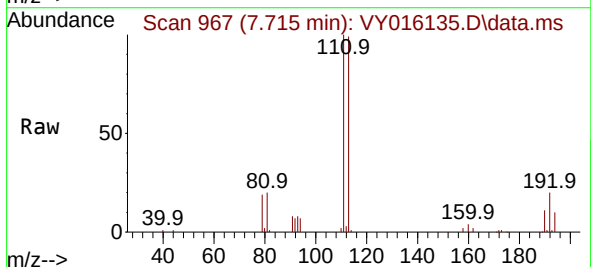
Tgt Ion:113 Resp: 51949

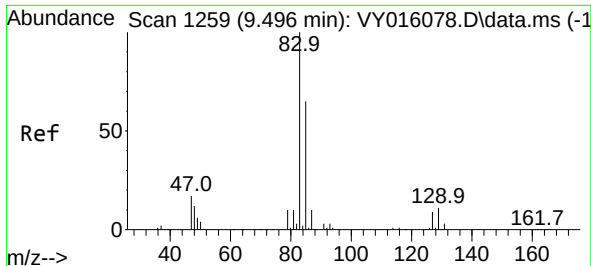
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 20.4 16.9 25.3

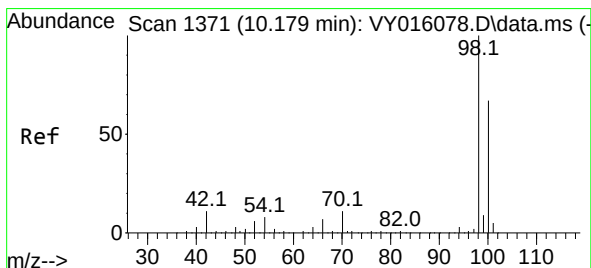
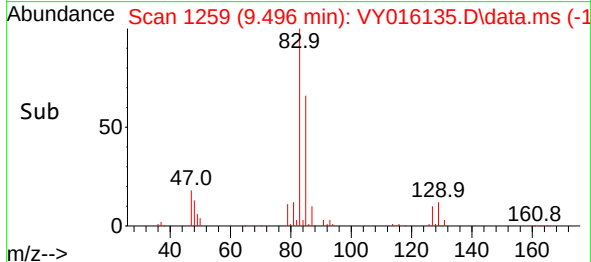
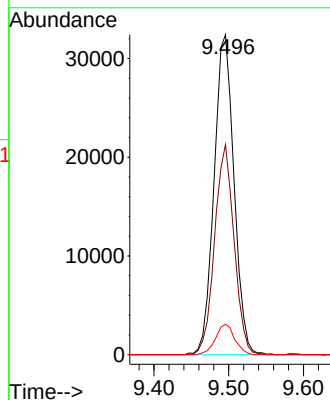
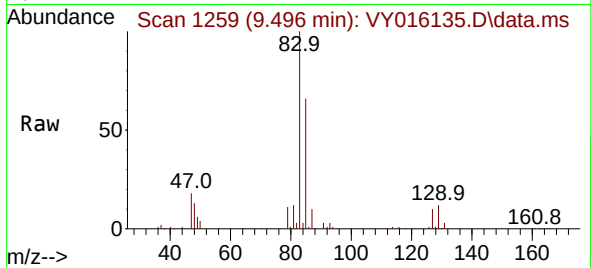




#47
Bromodichloromethane
Concen: 41.358 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016135.D
Acq: 30 Oct 2023 17:02

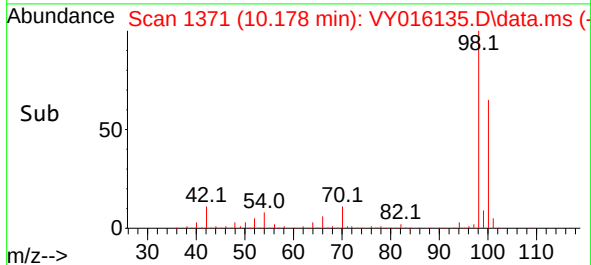
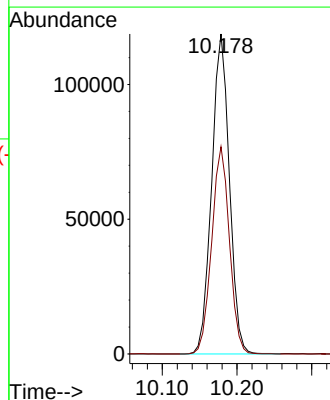
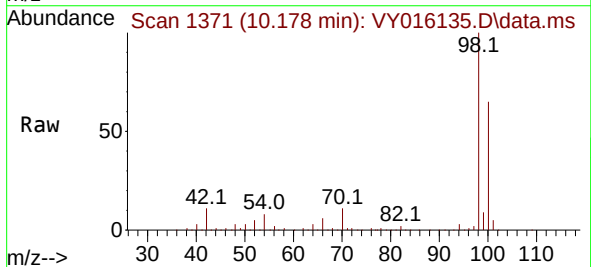
Instrument :
MSVOA_Y
ClientSampleId :
BLK

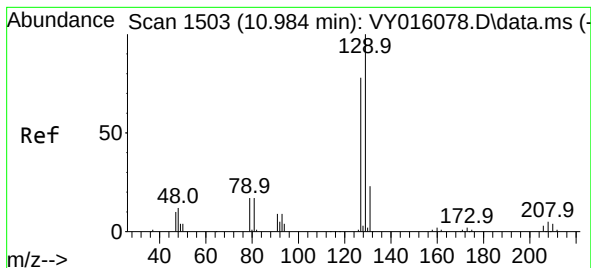
Tgt Ion: 83 Resp: 60225
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 9.5 7.1 10.7



#50
Toluene-d8
Concen: 51.439 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016135.D
Acq: 30 Oct 2023 17:02

Tgt Ion: 98 Resp: 195890
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1





#60

Dibromochloromethane

Concen: 5.598 ug/l

RT: 10.983 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016135.D

Acq: 30 Oct 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

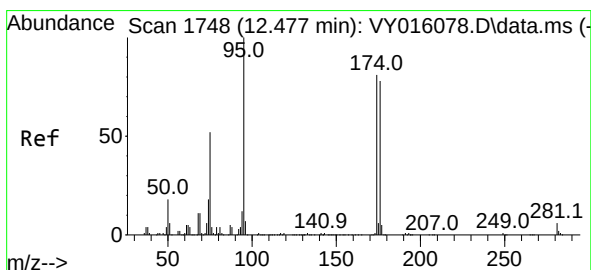
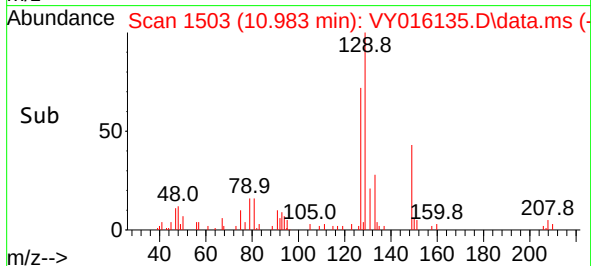
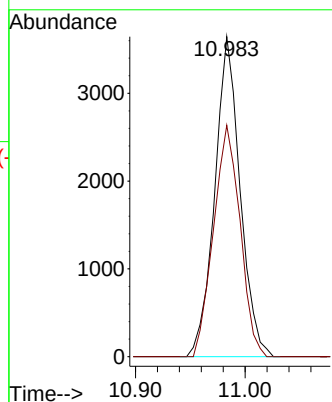
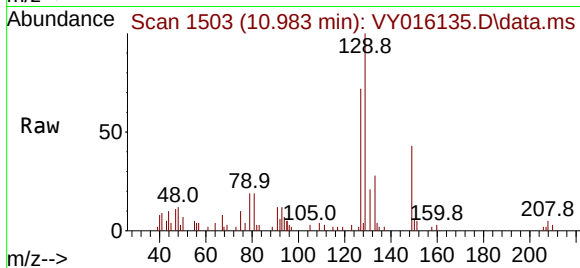
BLK

Tgt Ion:129 Resp: 5864

Ion Ratio Lower Upper

129 100

127 75.7 38.5 115.5



#62

4-Bromofluorobenzene

Concen: 53.031 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016135.D

Acq: 30 Oct 2023 17:02

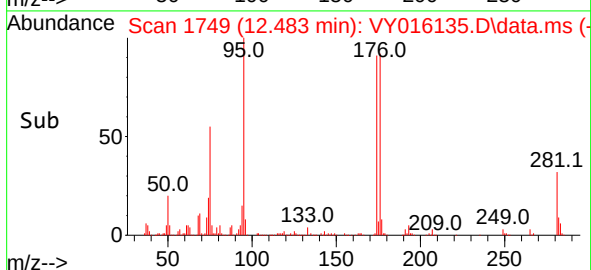
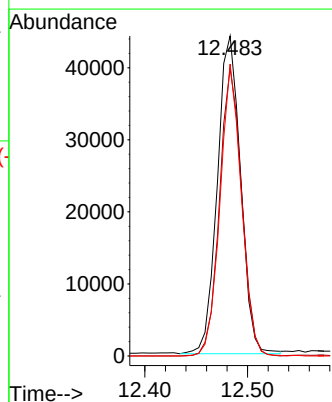
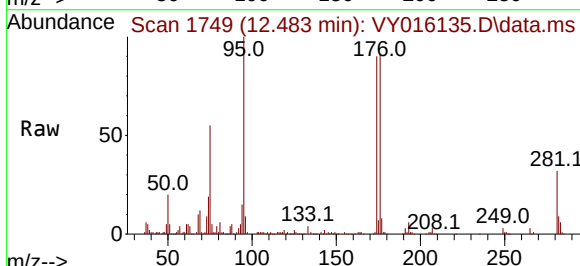
Tgt Ion: 95 Resp: 69274

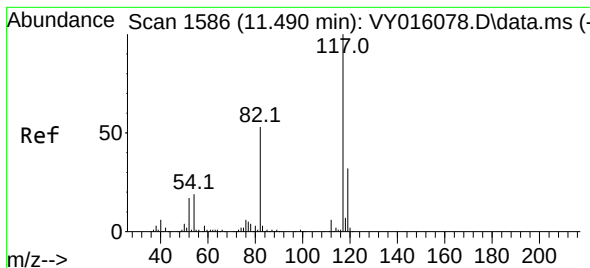
Ion Ratio Lower Upper

95 100

174 86.8 0.0 178.2

176 84.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016135.D

Acq: 30 Oct 2023 17:02

Instrument :

MSVOA_Y

ClientSampleId :

BLK

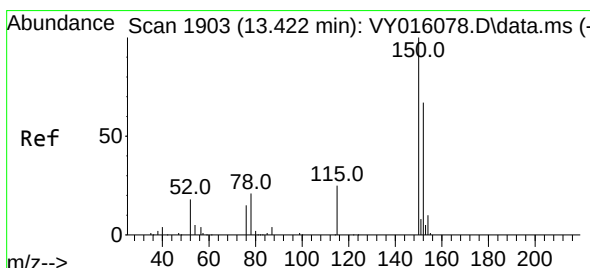
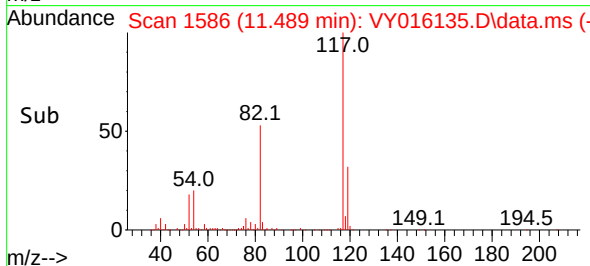
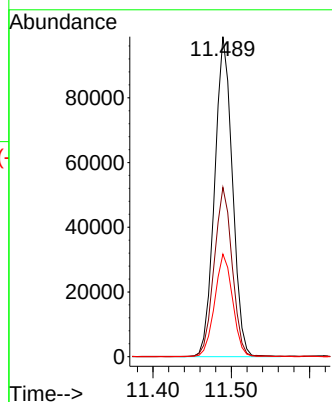
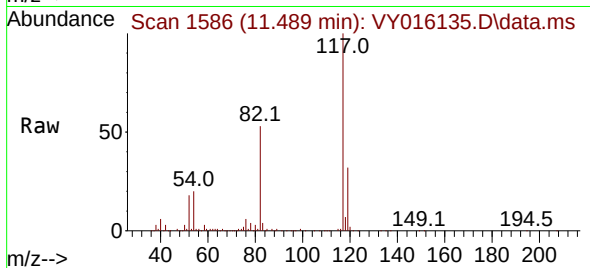
Tgt Ion:117 Resp: 156211

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016135.D

Acq: 30 Oct 2023 17:02

Tgt Ion:152 Resp: 74392

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 156.0 0.0 348.8

