

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016299.D
 Acq On : 10 Nov 2023 11:32
 Operator : SY/MD
 Sample : 05293-07
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Nov 10 22:19:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

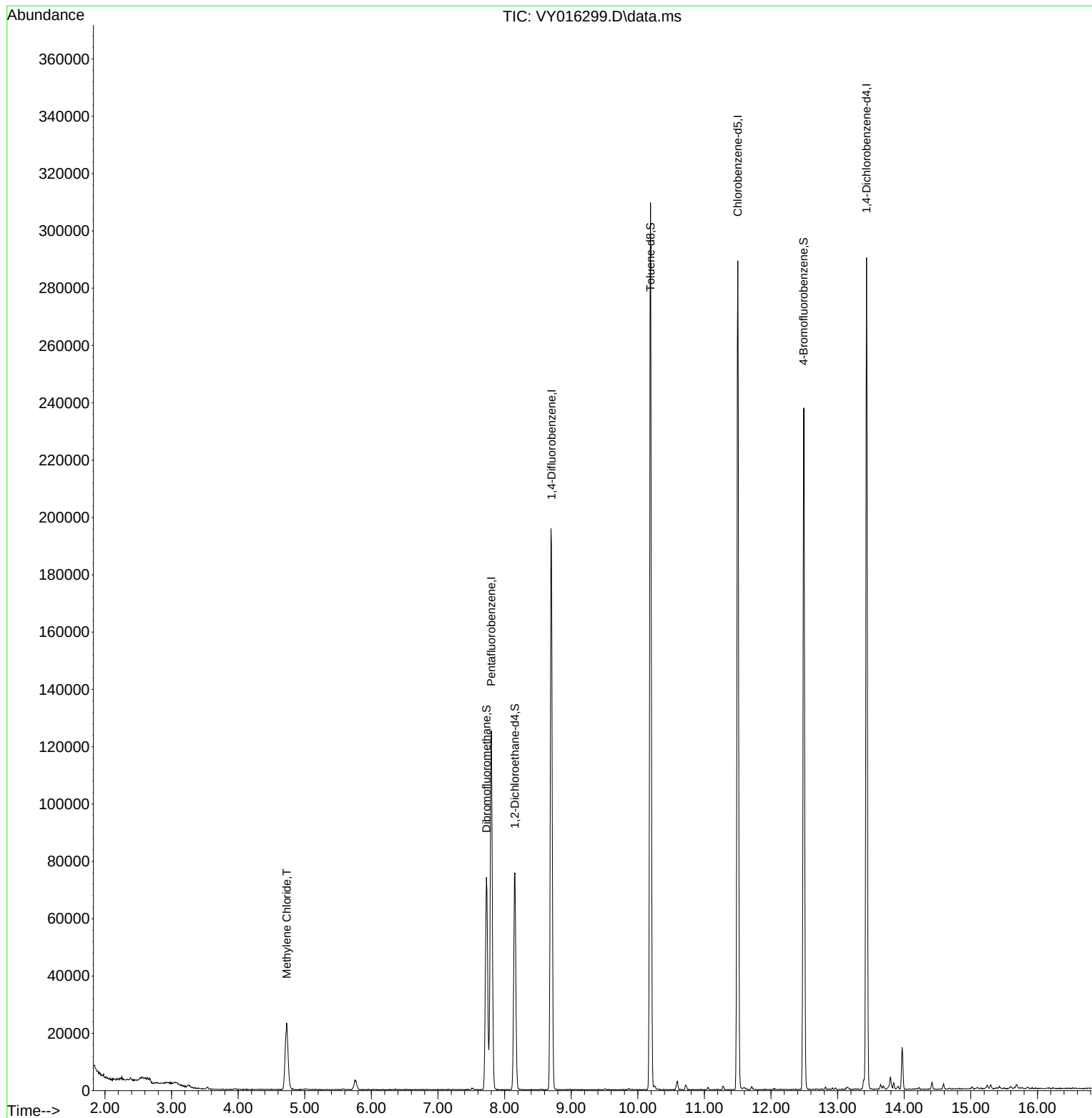
Internal Standards						
1) Pentafluorobenzene	7.801	168	97987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59440	66.372	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	132.740%	
35) Dibromofluoromethane	7.728	113	53154	54.623	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.240%	
50) Toluene-d8	10.191	98	204152	51.735	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	103.460%	
62) 4-Bromofluorobenzene	12.489	95	70110	54.703	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	109.400%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	18034	14.781	ug/l	91

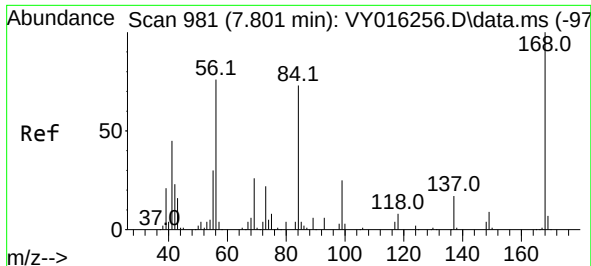
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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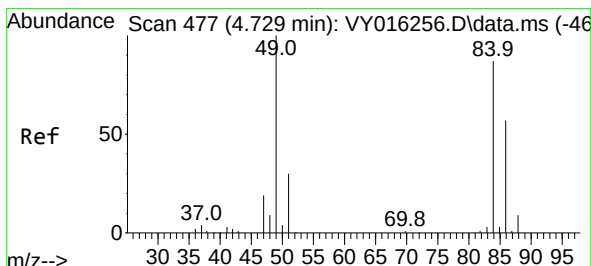
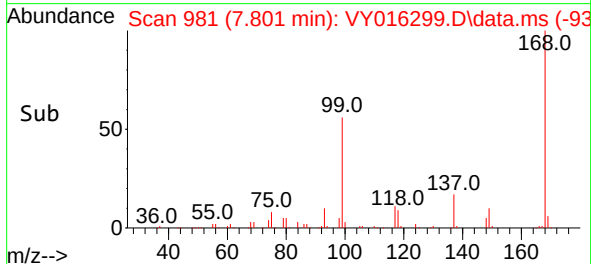
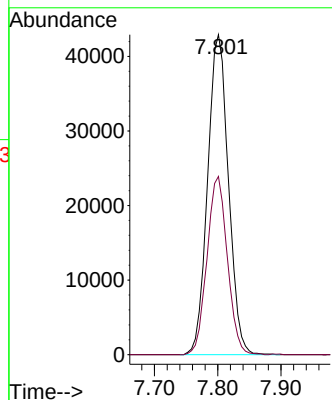
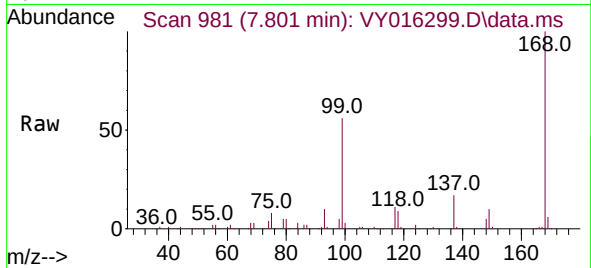




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016299.D
Acq: 10 Nov 2023 11:32

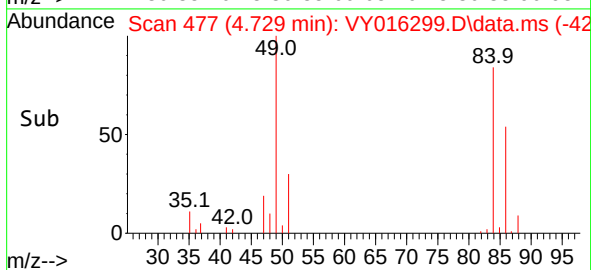
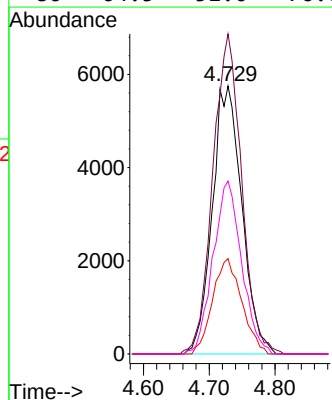
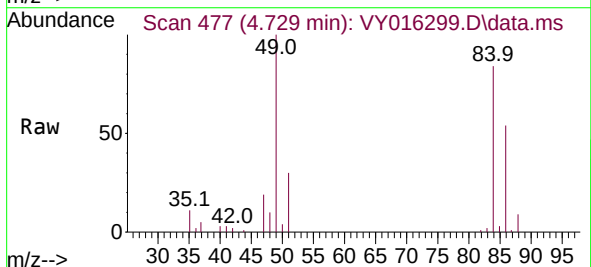
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

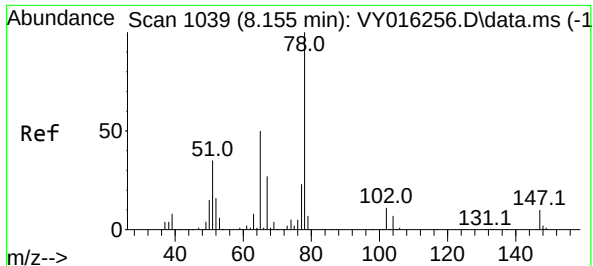
Tgt Ion:168 Resp: 97987
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#20
Methylene Chloride
Concen: 14.781 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016299.D
Acq: 10 Nov 2023 11:32

Tgt Ion: 84 Resp: 18034
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 35.6 33.2 49.8
86 64.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.372 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016299.D

Acq: 10 Nov 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

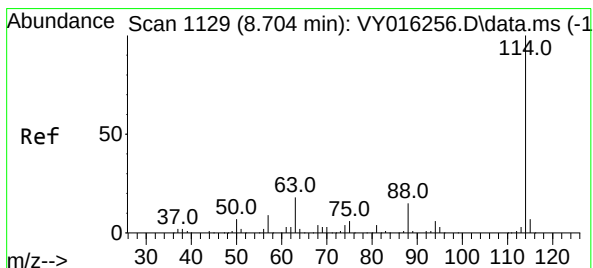
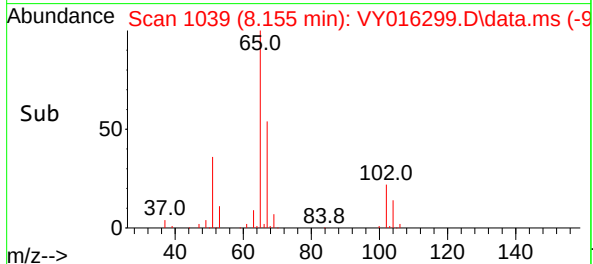
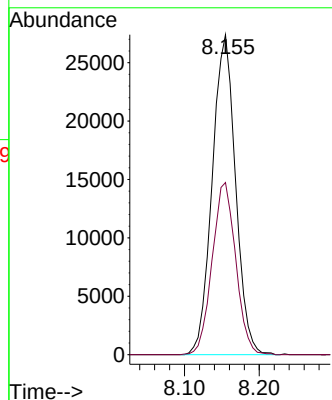
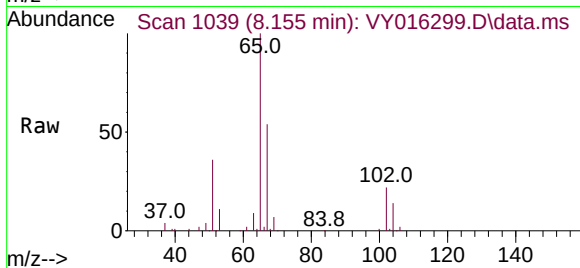
SB-7

Tgt Ion: 65 Resp: 59440

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016299.D

Acq: 10 Nov 2023 11:32

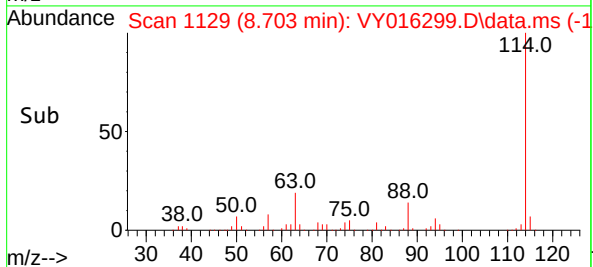
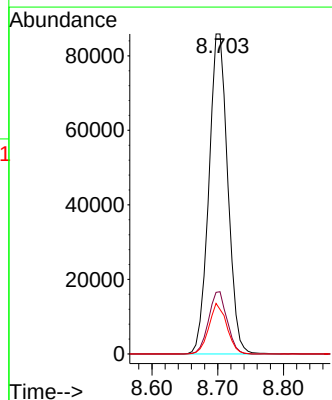
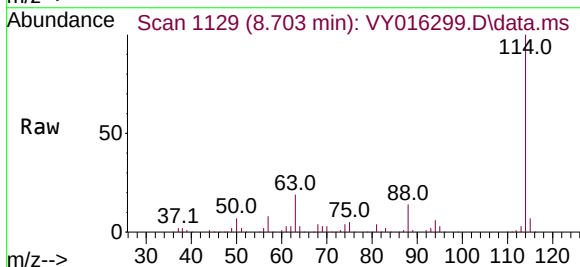
Tgt Ion: 114 Resp: 171302

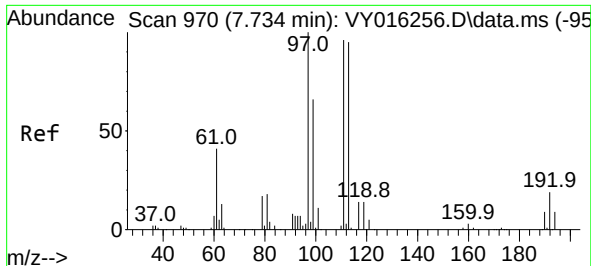
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 13.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.623 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY016299.D

Acq: 10 Nov 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

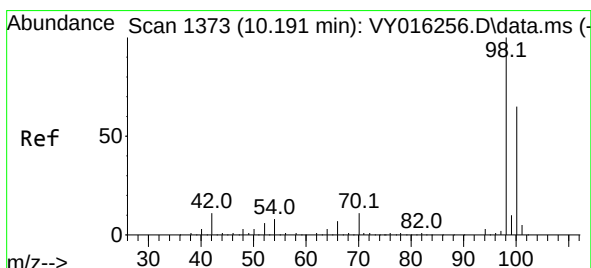
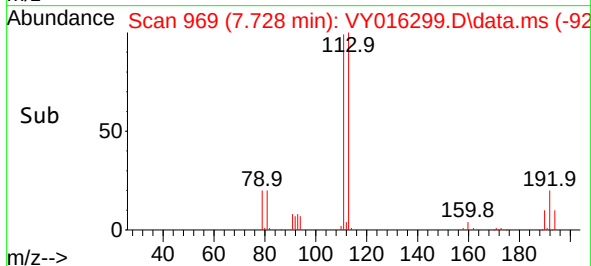
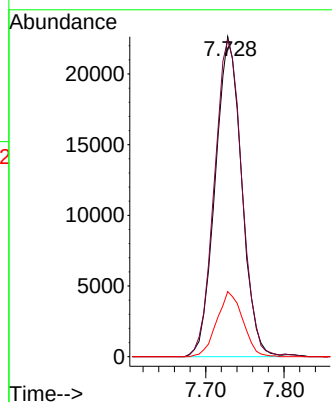
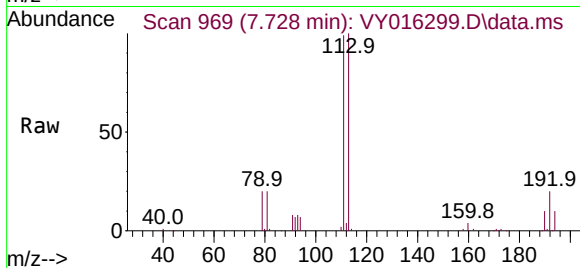
Tgt Ion:113 Resp: 53154

Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 20.0 16.9 25.3



#50

Toluene-d8

Concen: 51.735 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016299.D

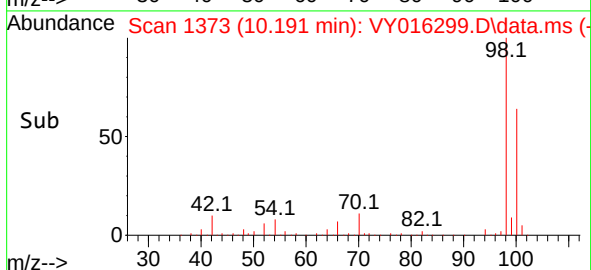
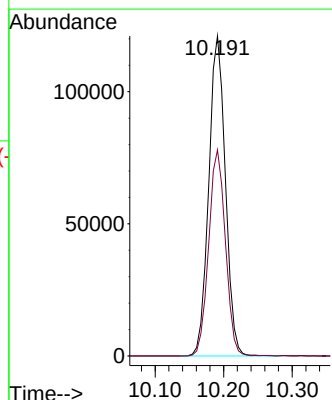
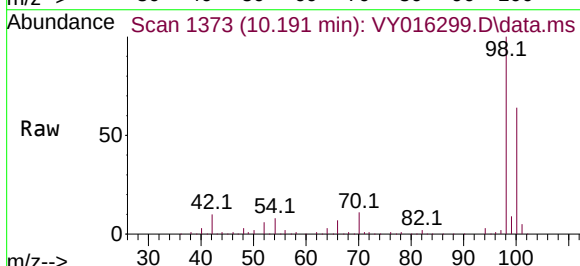
Acq: 10 Nov 2023 11:32

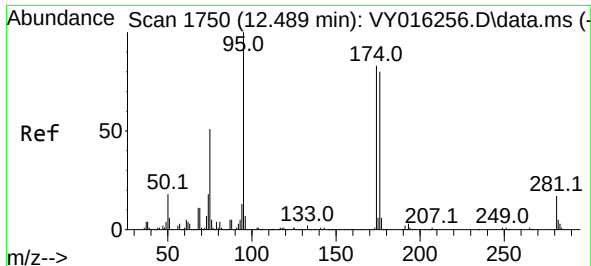
Tgt Ion: 98 Resp: 204152

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

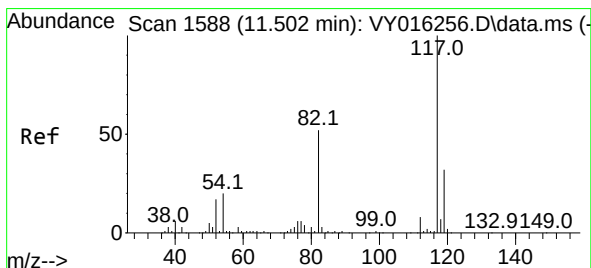
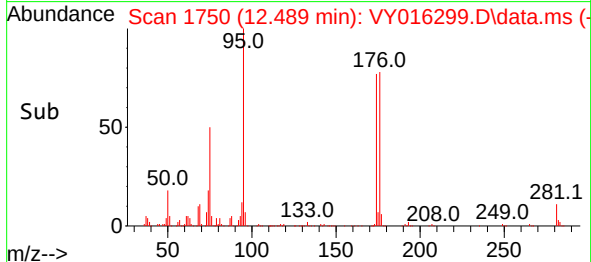
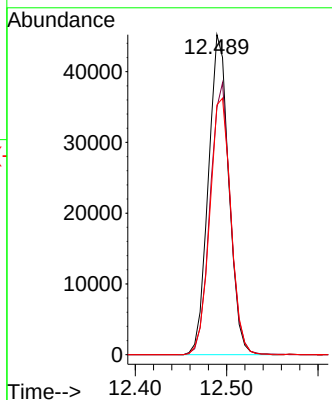
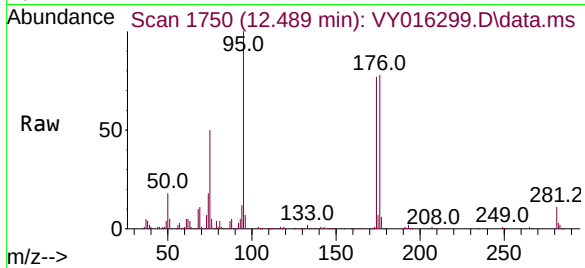




#62
4-Bromofluorobenzene
Concen: 54.703 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016299.D
Acq: 10 Nov 2023 11:32

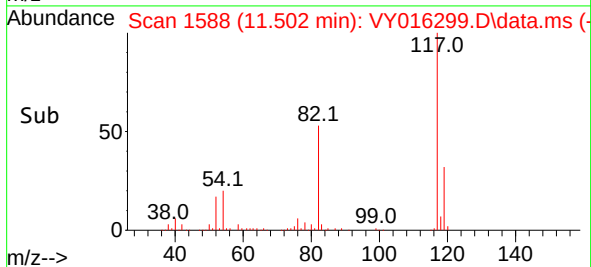
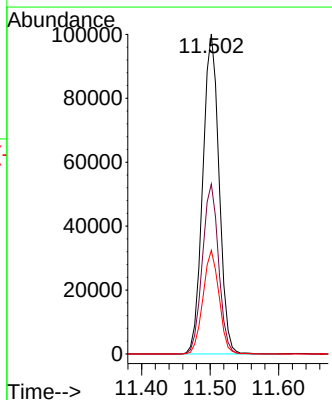
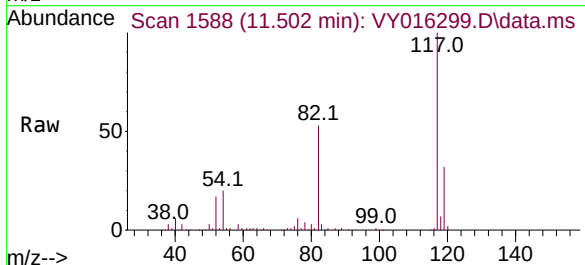
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

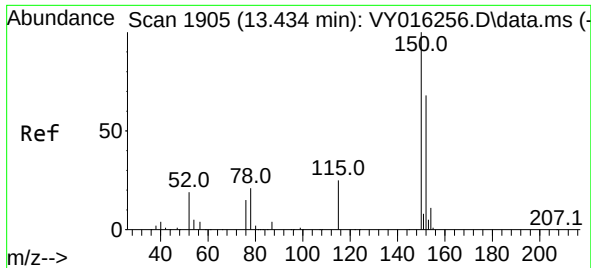
Tgt Ion: 95 Resp: 70110
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016299.D
Acq: 10 Nov 2023 11:32

Tgt Ion: 117 Resp: 165725
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016299.D

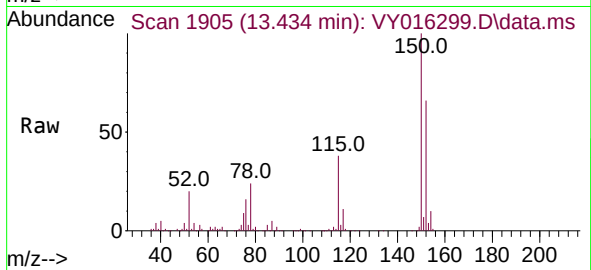
Acq: 10 Nov 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-7



Tgt Ion:152 Resp: 76484

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 155.4 0.0 348.8

